Residential

Catalogue

ALL SEASONS PERFECT C°MFORT

2012

TABLE OF CONTENTS

RESIDENTIAL APPLICATIONS

For more information on Options & Control Systems, please refer to page 70 of this catalogue.

This symbol represents seaonal efficiency.
It will be used throughout this catalogue to indicate where seasonal efficiency is already implemented in our product ranges.
For more detailed information, please refer to page 75.

New products 2012

4

STREAMER TECHNOLOGY AIR PURIFIER - MC70LVM

> Stylish design
> Improved performance
> Unprecedented comfort
> Super quiet operation
> Easy to maintain
> Portable
> No installation

14

NEW RANGE OF WALL MOUNTED UNITS, DEVELOPED FOR SMALL OR WELL-INSULATED ROOMS - FTXS-K / CTXS-K

> Integrating design: high quality finishing
> Goes almost unnoticed in operation
> Top performance: full class A energy label
> Right dimensioning for optimum comfort

3-PORT 40 MULTI OUTDOOR UNITS - 3MXS40K

> The new 15 class responds to the new capacity requirements of the smallest rooms in the house and allows optimal distribution of capacity of new 3-port 40 multi outdoor unit

66

INDIVIDUAL CONTROL SYSTEMS

USER FRIENDLY REMOTE CONTROL WITH CONTEMPORARY DESIGN – BRC1E52

> Optimise your system efficiency via energy saving functions
> Temperature range limit saves energy by avoiding excessive heating or cooling
> kWh indication keeps track of your consumption
> Schedule timer with holiday setting, 3 different weekly timers and improved setback function

ONLINE CONTROLLER - ALWAYS IN CONTROL, NO MATTER WHERE YOU ARE

> Control solution to monitor and control the main functions of the residential indoor units.
> End-user friendly operation
> Can be used from any location via your smartphone, laptop, PC, tablet or touch screen
> Optimal home comfort/holiday home surveillance
> Flexible office solution

RTD - UNIVERSAL CONTROL

> Indoor unit control via 0~10 volt, dry contact or resistance control
> Hotel controller with key card connection & window contact
> Duty/standby & alarm signal for IT application
> Heating interlock

Pure air

Because Daikin cares

The streamer technology air purifier, a blend of new technology, improved performance, and ultra quiet operation, it is designed to care for you by unobtrusively providing purified air to produce a healthy home environment. Purified air improves the perception of comfort and, by removing and destroying contaminants and odours, the streamer technology air purifier also plays an essential role for those who suffer from asthma or allergies. These efforts place the streamer technology air purifier among the best residential air purifiers on the market today.

- stylish design
- improved performance
- unprecedented comfort
- super quiet operation
- easy to maintain
- portable
- no installation

Three times purification, a good deed for your health

Pollen, dust and pet hair are just some of the potential causes of allergies, asthma and respiratory problems. A Daikin air purifier cleans the air and relieves you of these troubles thanks to a three-part operation:

- allergen removal
- virus and bacteria removal
- odour removal

Six-layer powerful decomposition and removal configuration

1 High-speed electrons are discharged that enable decomposition and removal

6 Formaldehyde and odours are decomposed
Deodorising catalyst filter

2 Dust is captured. Bacteria and allergens are removed
Prefilter

3 Dust and pollen are electrically charged and then sent to the filter
Plasma ionizer

4 Dust and pollen are absorbed by the electrically charged filter
Electrostatic dust collection filter (front of pleated dust collection filter)

5 Odours and viruses are kept under control by photocatylist
Titanium apatite filter (back of pleated dust collection filter)

What is the Daikin streamer technology?

"Streamer Discharge" is a type of plasma discharge in which high speed electrons capable of oxidative decomposition are generated. It has the ability to eliminate bacteria and mould as well as hazardous chemical substances and allergens, etc. Compared to standard plasma discharge (glow discharge), the discharge range of Daikin's Streamer Discharge is wider, which makes it easier for electrons to collide with oxygen and nitrogen in the air. This enables high speed electrons to be generated three dimensionally over a wide area, which results in an oxidative decomposition speed that is over 1,000 times greater with the same electrical power. Daikin's Streamer Discharge technology has proven successful in stably generating high speed electrons, a feat that has been considered difficult up to now.

Main specifications

Daikin has already received great praise for its air purifiers: a British Allergy Foundation seal of approval and the TÜV Nord test mark confirm the efficiency of our units.

MC70LVM

Indoor unit				MC70LVM
Applicable room area			m^2	46
Casing	Colour			White
Dimensions	Unit	HeightxWidthxDepth	mm	576x403x241
Weight	Unit		kg	8.5
Fan	Type			Multi Blade Fan (Sirocco fan with shroud assembly)
	Air flow rate	Air purifying operation Turbo/H/M/L/Silent	m^3/h	420/285/210/130/55
Sound pressure level		Turbo/H/M/L/Silent		16.0/24.0/32.0/39.0/48.0
Air filter				Polypropylene net
Air purifying operation	Power input	Turbo/H/M/L/Silent	kW	0.065/0.026/0.016/0.010/0.007
Deodorizing method				Flash streamer / Titanium apatite photocatalytic filter / Deodorising catalyst
Bacteria filtering method				Flash streamer / Titanium apatite photocatalytic filter
Dust collecting method				Plasma ionizer / Electrostatic dust collection filter
Power supply	Phase/Voltage		V	1~/220-240/220-230

MCK75J

Ururu air purifier

Humidification and purification in one

There are many substances in the air you breathe such as allergen, bacteria, virus and tobacco smoke, which causes your health to suffer. Above all things, dryness is especially a big issue during wintertime.
Daikin Ururu Air Purifier moisturizes the air inside your home and relieves the effects of dry air. Just fill the 4l tank occasionally and it will humidify your room with a maximum volume of 600ml/h.
This useful and innovative function stems from the incorporation of a slim line water tank and combined water wheel and vaporisation filter assembly.

- Humidification thanks to the slim water tank
- Air purification

Ururu

flash streamer
ONLY BY DAIKIN

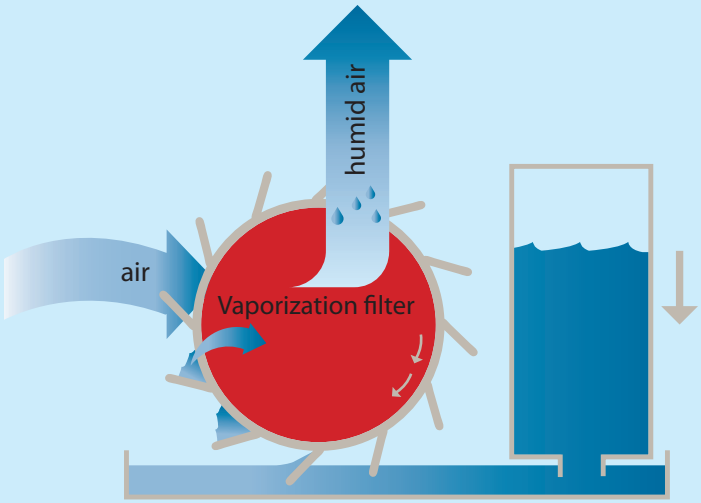
TÜV NORD
Suitable for Allergic People
House dust and indoor allergen retention
Test object: indoor air purifier
STG-2202/04

Daikin has already received great praise for its air purifiers: the Daikin TüV award confirms the efficiency of this unit.

MCK75JVM-K

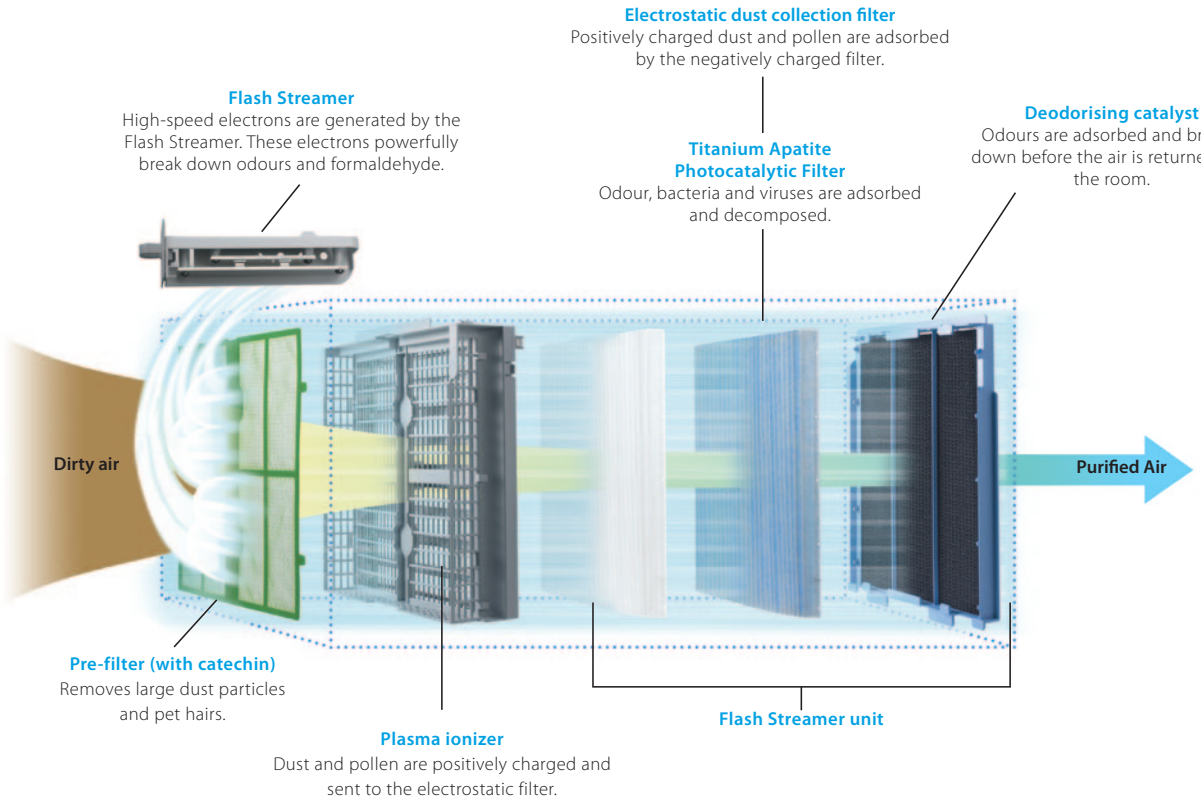
Indoor units					MCK75JVM-K
Application					Floor standing type
Applicable room area				m^2	46
Casing	Colour				Black (N1) (Panel colour: silver)
Dimensions	Unit	HeightxWidthxDepth		mm	590/395/268
Weight	Unit			kg	11.0
Fan	Type				Multi Blade Fan (Sirocco fan with shroud assembly)
	Air flow rate	Air purifying operation	Turbo/H/M/L/Silent	m^3/h	450/330/240/150/60
		Humidifying operation	Turbo/H/M/L/Silent	m^3/h	450/330/240/150/120
Sound pressure level	Air purifying operation		Turbo/H/M/L/Silent	dBA	50/43/36/26/17
	Humidifying operation		Turbo/H/M/L/Silent	dBA	50/43/36/26/23
Humidifying operation	Power input		Turbo/H/M/L/Silent	kW	0.084/0.037/0.020/0.013/0.012
	Humidification		Turbo/H/M/L/Silent	ml/h	600/470/370/290/240
	Water tank capacity			l	4.0
Air filter					Polypropylene net with catechin
Air purifying operation		Power input	Turbo/H/M/L/Silent	kW	0.081/0.035/0.018/0.011/0.008
Deodorizing method					Flash streamer Titanium apatite photocatalytic filter Deodorising catalyst
Dust collecting method					Plasma ionizerElectrostatic dust collection filter
Sign					Dust: 3 stages, Odour: 3 stages, Air flow rate: auto/LL/L/M/H, Turbo mode HH, anti-pollen mode Off timer: 1/4/8h Cleaning: ionization/streamer
Power supply	Name / Phase / Frequency / Voltage			Hz / V	VM / 1~ / 50/60 / 220-240/220-230
Type					Humidifying air purifier

MCK75JVM-K



How does the humidification function work?

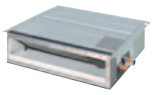
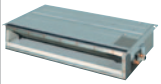
Water in the tank flows into the receiver tray housing the water wheel, which lifts the water as it rotates and releases it onto the filter. Air blown onto the filter, absorbs its moisture and discharges it into the room as humidification.



Daikin Ururu Air Purifier also removes efficiently allergens (e.g. pollen, house dust mites, dust, etc.), bacteria and viruses. Additionally, it has a high deodorizing efficiency; it eliminates efficiently tobacco smoke whilst decomposing other smells. It quickly collects particles and breaks them down rapidly. Its quiet operation makes it ideal for quiet nights. The unit includes seven pleated filters (one for immediate use and 6 spares).

Benefits overview Split

		Wall mounted unit		
		FTXR-E	**FTXG-J**	**FTXS-K**
				
We care icons	**Energy efficiency** Daikin air conditioners are energy efficient and economical (full range A class energy label).	✓	✓	✓
	Inverter technology In combination with inverter controlled outdoor units	✓	✓	✓
	Econo mode This function decreases the power consumption so that other applicances that need large power consumption can be used. This function is also energy saving.		✓	✓
	2 area intelligent eye Air flow is sent to a zone other than where the person is located at that moment. If two people are detected in the room, the air flow is projected away from the occupants. If no people are detected, the unit will automatically switch over to the energy-efficient setting.			
	Movement sensor The sensor detects whether someone is in the room. When the room is empty, the unit switches to economy mode after 20 minutes and restarts when a person enters the room.		✓	✓
	Energy saving during operation standby Current consumption is reduced by about 80 % when operating on standby. If no people are detected for more than 20 minutes, the system will automatically switch to the current-saving mode.		✓	✓
	Home leave operation During absence, the indoor temperature can be maintained at a certain level.			
	Night set mode Saves energy, by preventing overcooling or overheating during night time.	✓	✓	✓
	Fan only The air conditioner can be used as fan, blowing air without cooling or heating.		✓	✓
Comfort	**Comfort mode** The new flap changes the discharge angle horizontally for cooling operation and downward vertically for heating operation. This in order to prevent cold or warm air from blowing directly on the body.	✓	✓	✓
	Powerful mode If the temperature in the room is too high/low, it can be cooled down/heated quickly by selecting the 'powerful mode'. After the powerful mode is turned off, the unit returns to the preset mode.	✓	✓	✓
	Auto cooling-heating changeover Automatically selects cooling or heating mode to achieve the set temperature (heat pump types only).	✓	✓	✓
	Whisper quiet Daikin indoor units are whisper quiet. Also the outdoor units are guaranteed not to disturb the quiet of the neighbourhood.	✓	✓	✓
	Radiant heat The front panel of the indoor unit radiates additional heat to add to your comfort on cold days			
	Indoor unit silent operation Lowers the operation sound of the indoor unit by 3dB(A). This function is useful when studying or sleeping.	✓	✓	✓
	Comfortable sleeping mode Increased comfort function that follows a specific temperature fluctuation rhythm.	✓		
	Outdoor unit silent operation Lowers the operation sound of the outdoor unit by 3dB(A) to ensure a quiet environment for the neighbourhood.		RXG-K	
Air flow	**3-D Air flow** This function combines Vertical and Horizontal auto-swing to circulate a stream of cool/warm air right to the corners of even large spaces.	✓		
	Vertical auto swing Possibility to select automatic vertical moving of the air discharge louvre, for uniform air flow and temperature distribution.	✓	✓	
	Horizontal auto swing Possibility to select automatic horizontal moving of the air discharge louvre, for uniform air flow and temperature distribution.	✓		✓

Wall mounted unit				Floor standing unit		Concealed ceiling unit		Flexi type unit
FTXS-J	**FTXS-G**	**FTX-JV**	**FTX-GV**	**FVXG-K**	**FVXS-F**	**FDXS-E**	**FDXS-C**	**FLXS-B**
								
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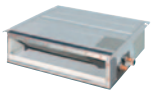
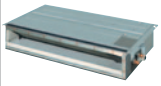
RXS-U	RXS-G		RX-GV	RXG-K	RXS-K	RXS-K/J	RXS-J/F	RXS-K
✓	✓		✓					
✓	✓	✓	✓	✓	✓			✓
✓	✓		✓					

Benefits overview Split

		Wall mounted unit		
		FTXR-E	**FTXG-J**	**FTXS-K**
				
Air flow	**Auto fan speed** Automatically selects the necessary fan speed to reach or maintain the set temperature.	✓	✓	✓
	Fan speed steps Allows to select up to the given number of fan speed.	5	5	5
Humidity control	**Ururu - humidification** Moisture is absorbed from the outdoor air and evenly distributed throughout the indoor areas.	✓		
	Sarara - dehumidification Reduces indoor humidity, without affecting the room temperature, by mixing cool, dry air with warm air.	✓		
	Dry programme Allows humidity levels to be reduced without variations in room temperature.		✓	✓
Remote control & timer	**Flash streamer** The Flash Streamer generates high-speed electrons that powerfully break down odours and formaldehyde	✓		
	Titanium photocatalytic air purification filter Removes airborne dust particles, decomposes odours and restrains the reproduction of bacteria, viruses, microbes, this to ensure a steady supply of clean air	✓	✓	✓
	Photocatalytic deodorising filter Removes airborne dust particles, decomposes odours and restrains the reproduction of bacteria, viruses, microbes, this to ensure a steady supply of clean air.			
	Air filter Removes airborne dust particles to ensure a steady supply of clean air.			
	Online Controller Daikin provides a new control solution to monitor and control the main functions of the residential indoor units. The system is working in an end-user friendly way and can be used from any location via your smartphone, laptop, PC, tablet, app or wired remote controller.	✓	✓	✓*
	Weekly timer Timer can be set to start heating or cooling anytime on a daily or weekly basis		✓	✓
	24 Hour timer Timer can be set to start cooling/heating anytime during a 24-hour period.	✓	✓	✓
	Infrared remote control Infrared remote control with LCD to start, stop and regulate the air conditioner from a distance.	✓	✓	✓
	Wired remote control Wired remote control to start, stop and regulate the air conditioner from a distance.		✓	✓
	Centralised control Centralised control to start, stop and regulate several air conditioners from one central point.	✓	✓	✓
Other funtions	**Auto-restart** The unit restarts automatically at the original settings after power failure.	✓	✓	✓
	Self-diagnosis Simplifies maintenance by indicating system faults or operating anomalies.	✓	✓	✓
	Multi model application Up to 5 indoor units (even different capacities) can be connected to a single outdoor unit. All indoor units can individually be operated within the same mode.		✓	✓
	VRV® for residential application Up to 9 indoor units (even different capacities and up to 71 class) can be connected to a single outdoor unit. All indoor units can individually be operated within the same mode.		✓	✓

* Only with additional adaptor

Wall mounted unit				Floor standing unit		Concealed ceiling unit		Flexi type unit
FTXS-J	**FTXS-G**	**FTX-JV**	**FTX-GV**	**FVXG-K**	**FVXS-F**	**FDXS-E**	**FDXS-C**	**FLXS-B**
								
✓	✓	✓	✓	✓	✓	✓	✓	✓
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✓	✓			✓	✓	✓	✓	✓

FTXR28,42,50E

RXR28,42,50E

ARC447A

Ururu Sarara INVERTER

- URURU humidification: maintains a comfortable humidity level without any separate water supply
- SARARA dehumidification: maintains a comfortable and fresh indoor environment by removing moisture from the air without lowering the temperature
- Powerful ventilation refreshes the room within 2 hours
- Powerful air purification increases indoor air quality with Daikin Flash Streamer technology
- Online controller (optional): control your indoor unit from any location via smartphone, laptop, pc, tablet or touch screen

Heating & Cooling

Indoor units					FTXR28E	FTXR42E	FTXR50E
Cooling capacity	Min./Nom./Max.			kW	1.55/2.8/3.6	1.55/4.2/4.60	1.55/5.0/5.50
Heating capacity	Min./Nom./Max.			kW	1.30/3.6/5.00	1.30/5.1/5.6	1.30/6.0/6.20
Power input	Cooling	Min./Nom./Max.		kW	0.250/0.560/0.800	0.260/1.050/1.320	0.26/1.46/1.8
	Heating	Min./Nom./Max.		kW	0.220/0.700/1.410	0.220/1.180/1.600	0.23/1.51/1.77
EER / COP					5.00 / 5.14	4.00 / 4.32	3.42 / 3.97
SEER*					To be confirmed		
Annual energy consumption				kWh	280	525	730
Energy label	Cooling/Heating				A/A		
Casing	Colour				White		
Dimensions	Unit	HeightxWidthxDepth		mm	305x890x209		
Weight	Unit			kg	14		
Fan - Air flow rate	Cooling	High/Nom./Low/Silent operation		m^3/min	11.1/8.8/6.5/5.7	12.4/9.6/6.8/6.0	13.3/10.3/7.3/6.5
	Heating	High/Nom./Low/Silent operation		m^3/min	12.4/9.8/7.3/6.5	12.9/10.2/7.7/6.8	14.0/11.1/8.3/7.3
Sound power level	Cooling	Nom.		dBA	55	58	60
	Heating	Nom.		dBA	57	58	60
Sound pressure level	Cooling	High/Nom./Low/Silent operation		dBA	39/33/26/23	42/35/27/24	44/37/29/26
	Heating	High/Nom./Low/Silent operation		dBA	41/35/28/25	42/36/29/26	44/38/31/28
Refrigerant	Type				R-410A		
Piping connections	Liquid/Gas/Drain	OD		mm	6.35 / 9.52 / 18		
Power supply	Phase / Frequency / Voltage			Hz / V	1~ / 50 / 220-240		

Outdoor units					RXR28E	RXR42E	RXR50E
Dimensions	Unit	HeightxWidthxDepth		mm	693x795x285		
Weight	Unit			kg	48		
Fan - Air flow rate	Cooling	Nom.		m^3/min	33.8	36.2	
	Heating	Nom.		m^3/min	31.4	31.9	34.3
Sound power level	Cooling	Nom.		dBA	60	62	
Sound pressure level	Cooling	Nom.		dBA	46	48	
	Heating	Nom.		dBA	46	48	50
Operation range	Cooling	Ambient	Min.~Max.	°CDB	-10~43		
	Heating	Ambient	Min.~Max.	°CWB	-20~18		
Refrigerant	Type				R-410A		
Piping connections	Piping length	Max.	OU - IU	m	10		
	Level difference	IU - OU	Max.	m	8		
	Total piping length	System	Actual	m	-		
Power supply	Phase / Frequency / Voltage			Hz / V	1~ / 50 / 220-240		
Max. fuse amps				(A)	16		

*prEN14825 (inquiry version 2010)

FTXG-J- / RXG-K

Wall mounted unit

FTXG25,35,50J

RXG25,35K

ARC466A1

DAIKIN emura

INVERTER

- Energy efficient units: full range A class energy labels
- Comfort mode guarantees draught free operation by preventing that warm or cold air is directly blown on to the body
- Movement sensor saves power consumption in unoccupied rooms: when the room is empty, the unit switches to economy mode after 20 minutes and restarts when a person enters the room.
- Night set mode saves energy by preventing overcooling or overheating during night time
- Online controller (optional): control your indoor unit from any location via smartphone, laptop, pc, tablet or touch screen

Heating & Cooling

Indoor unit				FTXG25JW	FTXG35JW	FTXG50JW	FTXG25JA	FTXG35JA	FTXG50JA
Cooling capacity	Min./Nom./Max.		kW	1,3/2,5/3,0	1,4/3,5/3,8	1,7/5,0/5,3	1,3/2,5/3,0	1,4/3,5/3,8	1,7/5,0/5,3
Heating capacity	Min./Nom./Max.		kW	1,3/3,4/4,5	1,4/4,0/5,0	1,7/5,8/6,5	1,3/3,4/4,5	1,4/4,0/5,0	1,7/5,8/6,5
Power input	Cooling	Min./Nom./Max.	kW	-/0,56/-	-/0,89/-	0,450/1,560/1,880	-/0,56/-	-/0,89/-	0,450/1,560/1,880
	Heating	Min./Nom./Max.	kW	-/0,78/-	-/0,99/-	0,520/1,600/2,500	-/0,78/-	-/0,99/-	0,520/1,600/2,500
EER / COP				4,46 / 4,36	3,93 / 4,04	3,21 / 3,63	4,46 / 4,36	3,93 / 4,04	3,21 / 3,63
SEER*				To be confirmed			To be confirmed		
Annual energy consumption			kWh	280	445	780	280	445	780
Energy label	Cooling/Heating			A/A			A/A		
Casing	Colour			Matt crystal white			Brushed aluminium		
Dimensions	Unit	HeightxWidthxDepth	mm	295x915x155			295x915x155		
Weight	Unit		kg	11			11		
Fan - Air flow rate	Cooling	High/Nom./Low/Silent operation	m^3/min	8,8/6,8/4,7/3,8	10,1/7,3/4,6/3,9	10,3/8,5/6,7/5,7	8,8/6,8/4,7/3,8	10,1/7,3/4,6/3,9	10,3/8,5/6,7/5,7
	Heating	High/Nom./Low/Silent operation	m^3/min	9,6/7,9/6,2/5,4	10,8/8,6/6,4/5,6	11,4/9,8/8,1/7,1	9,6/7,9/6,2/5,4	10,8/8,6/6,4/5,6	11,4/9,8/8,1/7,1
Sound power level	Cooling	Nom.	dBA	54	58	60	54	58	60
	Heating	Nom.	dBA	55	58	60	55	58	60
Sound pressure level	Cooling	High/Nom./Low/Silent operation	dBA	38/32/25/22	42/34/26/23	44/40/35/32	38/32/25/22	42/34/26/23	44/40/35/32
	Heating	High/Nom./Low/Silent operation	dBA	39/34/28/25	42/36/29/26	44/40/35/32	39/34/28/25	42/36/29/26	44/40/35/32
Refrigerant	Type			R-410A			R-410A		
Piping connections	Liquid/Gas/Drain	OD	mm	6,35 / 9,5 / 18,0		6,35 / 12,7 / 18,0	6,35 / 9,5 / 18,0		6,35 / 12,7 / 18,0
Power supply	Phase / Frequency / Voltage		Hz / V	1~ / 50 / 220-240			1~ / 50 / 220-240		

Outdoor unit				RXG25K	RXG35K	RXG50K
Dimensions	Unit	HeightxWidthxDepth	mm	550x765x285		735x825x300
Weight	Unit		kg	34		48
Fan - Air flow rate	Cooling	High/Super low	m^3/min	33,5/30,1	36,0/30,1	50,9/48,9
	Heating	High/Super low	m^3/min	28,3/25,6		45/43,1
Sound power level	Cooling	Nom./High	dBA	-/61	-/63	
Sound pressure level	Cooling	High/Silent operation	dBA	46/43	48/44	
	Heating	High/Silent operation	dBA	47/44	48/45	
Operation range	Cooling	Ambient Min.~Max.	°CDB	-10~46		
	Heating	Ambient Min.~Max.	°CWB	-15~20		
Refrigerant	Type			R-410A		
Piping connections	Level difference	IU - OU Max.	m	15		20
	Total piping length	System Actual	m	-		
Power supply	Phase / Frequency / Voltage		Hz / V	1~ / 50 / 220-240		
Max. fuse amps			(A)	16	20	16 / 20

*prEN14825 (inquiry version 2010)

Optimal design and comfort for bedrooms and other small spaces

Integrating design

- Discreet, modern design. Its smooth curve blends beautifully with the wall resulting in an unobtrusive presence that matches all interior décors.
- High quality matt crystal white finish.
- New remote controller design, also in high quality matt white finish to give a perfect match with the indoor unit.

Oh so quiet

In bedrooms and small spaces, silence becomes even more important than in living areas. Daikin's new wall mounted models go almost unnoticed in operation.

Top performance

Full range inverter A label, equipped with energy saving features such as the intelligent eye and the weekly timer.

The right indoor for the right room

- Today, many bedrooms are smaller than 20 m^2 and are becoming even smaller in new construction buildings. Thanks to the new 15 class, it is possible to deliver the right comfort even in the smallest spaces of the house.
- Also thanks to this 15 class unit, capacity of the multi outdoor unit can be distributed in a more flexible way to adapt to modern house configurations. The allocation of the right capacity to smaller bedrooms releases capacity for the increasingly larger living areas: walls are often removed, several functions combined into one (kitchen, dining room, living room, study room, etc.).
- Additionally, insulation of houses is improving in order to reduce the demand for cooling and heating, and consequently, energy consumption. The new 15 class responds to the new capacity requirements of the smallest rooms in the house and allows optimal distribution of capacity of new 3-port 40 multi outdoor.

FTXS-K/J/G / RXS-K/J/F Wall mounted unit

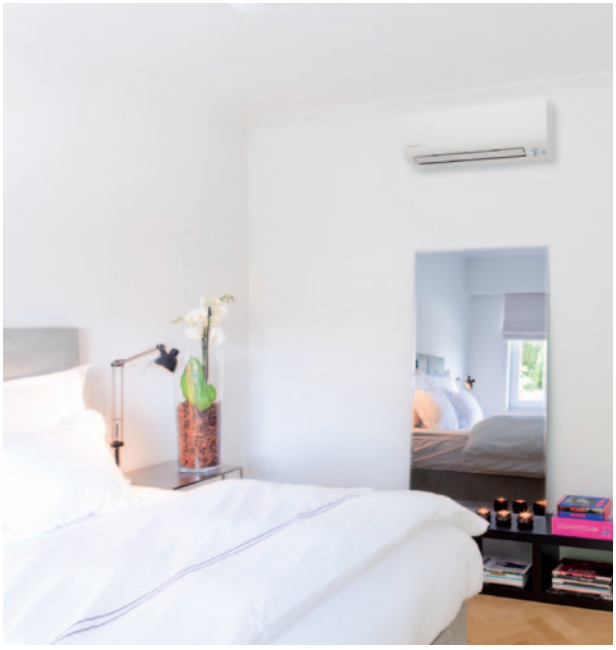
FTXS20,25K / CTXS15,35K

RXS25,35K

ARC466A1

INVERTER

- FTXS-K models are especially designed for small or well-insulated rooms.
- ECONO mode decreases power consumption so that other appliances that need large power consumption can be used
- 3-D air flow combines vertical and horizontal auto swing to circulate a stream of warm or cool air right to the corners of even large spaces (FTXS-J/G)
- 2 area intelligent eye: air flow is sent to the area in a room where no person is detected (FTXS-J/G)
- Online controller (optional): control your indoor unit from any location via smartphone, laptop, pc, tablet or touch screen (For FTXS - K series only with additional adaptor)



Heating & Cooling

Indoor unit				CTXS15K	CTXS35K	FTXS20K	FTXS25K	FTXS35J	FTXS42J	FTXS50J	FTXS60G	FTXS71G
Cooling capacity	Min./Nom./Max.		kW	Only available in multi model application		1.3/2.0/2.8	1.3/2.5/3.2	1.4/3.5 /4.0	1.7/4.2 /5.0	1.7/5.0 /5.3	1.7/6.0 /6.7	2.3/7.1 /8.5
Heating capacity	Min./Nom./Max.		kW			1.3/2.5/4.3	1.3/2.8/4.7	1.4/4.0 /5.2	1.7/5.4 /6.0	1.7/5.8 /6.5	1.7/7.0 /8.0	2.3/8.2 /10.2
Power input	Cooling	Min./Nom./Max.	kW			0.32/0.43/0.76	0.32/0.57/1.00	0.350/0.860/1.190	0.440/1.210/2.330	0.440/1.460/1.810	-/1.99/-	-/2.35/-
	Heating	Min./Nom./Max.	kW			0.31/0.55/1.12	0.31/0.62/1.41	0.340/0.950/1.460	0.400/1.450/1.980	0.400/1.530/2.000	-/2.04/-	-/2.55/-
EER / COP						4.65 / 4.55	4.39 / 4.52	4.07 / 4.21	3.47 / 3.72	3.42 / 3.79	3.02 / 3.43	3.02 / 3.22
SEER*						To be confirmed		To be confirmed				
Annual energy consumption			kWh			-		430	605	730	995	1,175
Energy label	Cooling/Heating					A/A		A/A			B/B	B/C
Casing	Colour			White		White		White				
Dimensions	Unit	HeightxWidthxDepth	mm	289x780x215		289x780x215		295x800x215			290x1,050x250	
Weight	Unit		kg	8		8		10			12	
Fan - Air flow rate	Cooling	High/Nom./Low/Silent operation	m^3/min	7.9/6.3/4.7/3.9	9.0/7.5/6.0/4.3	8.8/6.7/4.7/3.9	9.1/7.0/5.0/3.9	11.4/8.7/5.8/4.4	11.3/9.0/6.8/5.9	11.6/9.2/7.0/6.0	16.0/13.5/11.3/10.1	17.2/14.5/11.5/10.5
	Heating	High/Nom./Low/Silent operation	m^3/min	9.2/7.2/5.2/3.9	10.1/8.1/6.3/4.3	9.5/7.8/6.0/4.3	10.0/8.0/6.0/4.3	12.4/9.5/6.8/6.0	12.2/9.7/7.3/6.4	12.1/9.8/7.6/6.7	17.2/14.9/12.6/11.3	19.5/16.7/14.2/12.6
Sound power level	Cooling	Nom.	dBA	53	58	56	57	61		62	61	62
	Heating	Nom.	dBA	54	57	56	57	61		63	60	62
Sound pressure level	Cooling	High/Nom./Low/Silent operation	dBA	37/31/25/21	42/35/28/21	40/32/24/19	41/33/25/19	45/37/29/23	45/39/33/30	46/40/34/31	45/41/36/33	46/42/37/34
	Heating	High/Nom./Low/Silent operation	dBA	38/33/28/21	41/36/30/21	40/34/27/19	41/34/27/19	45/39/29/26	45/39/33/30	47/41/34/31	44/40/35/32	46/42/37/34
Refrigerant	Type			R-410A		R-410A		R-410A				
Piping connections	Liquid/Gas/Drain	OD	mm	6.35/9.52/18.0		6.35/9.52/18.0		6.35 / 9.52 / 18.0		6.35 / 12.7 / 18.0		6.35 / 15.9 / 18.0
Power supply	Phase / Frequency / Voltage		Hz / V	1~ / 50 / 220-240		1~ / 50 / 220-240		1~ / 50 / 220-240				

Outdoor unit					RXS20K	RXS25K	RXS35J	RXS42J	RXS50J	RXS60F	RXS71F
Dimensions	Unit	HeightxWidthxDepth		mm	Only available in multi model application	550x765x285	550x765x285		735x825x300		770x900x320
Weight	Unit			kg		34	34	39	48		71
Fan - Air flow rate	Cooling	High/Super low		m^3/min		33.5/-	36.0/30.1	37.3/30.6	50.9/48.9	50.9/42.4	54.5/57.1
	Heating	High/Super low		m^3/min		28.3/-	28.3/25.6	31.3/27.2	45.0/43.1	46.3/42.4	52.5/46.0
Sound power level	Cooling	Nom./High		dBA		-/61	-/63				-/66
Sound pressure level	Cooling	High/Silent operation		dBA		46/43	48/44			49/46	52/49
	Heating	High/Silent operation		dBA		47/44	48/45			49/46	52/49
Operation range	Cooling	Ambient	Min.~Max.	°CDB		-10~46	-10~46				
	Heating	Ambient	Min.~Max.	°CWB		-15~18	-15~18				
Refrigerant	Type					R-410A	R-410A				
Piping connections	Level difference	IU - OU	Max.	mm		15	15		30	20	
	Heat insulation					Both liquid and gas pipes	Both liquid and gas pipes				
	Total piping length	System	Actual	m		-	-				
Power supply	Phase / Frequency / Voltage			Hz / V		1~ / 50 / 220-240	1~ / 50 / 220-240				
Max. fuse amps				(A)	To be confirmed		10	20		20	

*prEN14825 (inquiry version 2010)

FTXN-K / RXN-K Wall mounted unit

FTXN-K

RXN-K

ARC470A5

INVERTER

- Energy saving during standby mode: reduction of energy from 10W to 2W
- ECONO mode decreases power consumption so that other appliances that need large power consumption can be used
- Night set mode saves energy by preventing overcooling or overheating during night time
- Comfort mode guarantees draught free operation by preventing that warm or cold air is directly blown on to the body
- Powerful mode can be selected for rapid heating or cooling; after the powerful mode is turned off, the unit returns to the preset mode.

Heating & Cooling

Indoor units				FTXN50K	FTXN60K
Cooling capacity	Min./Nom./Max.		kW	1.7/5.0/5.7	1.7/6.0/6.5
Heating capacity	Min./Nom./Max.		kW	1.7/5.5/6.8	1.7/6.3/7.6
Power input	Cooling	Nom.	kW	1.56	1.99
	Heating	Nom.	kW	1.57	1.85
EER				3.21	3.02
COP				3.5	3.41
Annual energy consumption			kWh	780	995
Energy label	Cooling/Heating			A/B	B/B
Casing	Colour			White	
Dimensions	Unit	HeightxWidthxDepth	mm	290 x 1050 x 238	
Weight	Unit		kg	12	
Sound power level	Cooling	High	dBA	59	61
	Heating	High	dBA	58	60
Sound pressure level	Cooling	High/Nom./Low/ Silent operation	dBA	43/39/34/31	45/41/36/33
	Heating	High/Nom./Low/ Silent operation	dBA	42/38/33/30	44/40/35/32
Refrigerant	Type			R-410A	
Piping connections	Liquid	OD	mm	6.35	
	Gas	OD	mm	12.7	
	Drain	OD	mm	18	
Power supply	Phase / Frequency / Voltage		Hz / V	1~ / 50 / 220-230-240	

Outdoor units					RXN50K	RXN60K
Dimensions	Unit	HeightxWidthxDepth		mm	595 x 795 x 300	
Weight	Unit			kg	42	
Fan - Air flow rate	Cooling	High		m^3/min	42.6	48.2
	Heating	High		m^3/min	38.3	43.4
Sound power level	Cooling	Nom.		dBA	63	66
Sound pressure level	Cooling	High		dBA	49	52
	Heating	High		dBA	51	52
Operation range	Cooling	Ambient	Min.~Max.	°CDB	10°C - 46°C	
	Heating	Ambient	Min.~Max.	°CWB	-15°C - 18°C	
Refrigerant	Type				R-410A	
Piping connections	Piping length	Max.	OU - IU	m	30	
	Level difference	IU - OU	Max.	m	20	
		IU - IU	Max.	m	20	20
	Total piping length	System	Actual	m	5	5
Power supply	Phase / Frequency / Voltage			Hz / V	1~ / 50 / 220-230-240	
Max. fuse amps				(A)	20	

FTX20,25,35JV

RX20,25,35JV

ARC433A8

INVERTER

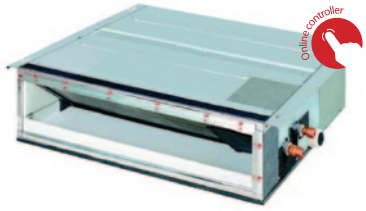
- Energy saving during standby mode: reduction of energy from 10W to 2W
- ECONO mode decreases power consumption so that other appliances that need large power consumption can be used
- Night set mode saves energy by preventing overcooling or overheating during night time
- Vertical auto swing moves the discharge flaps up and down for efficient air and temperature distribution throughout the room
- Online controller (optional): control your indoor unit from any location via smartphone, laptop, pc, tablet or touch screen (only with additional adaptor)

Heating & Cooling

Indoor unit					FTX20JV	FTX25JV	FTX35JV	FTX50GV	FTX60GV	FTX71GV
Cooling capacity	Min./Nom./Max.			kW	1.3/2.0/2.6	1.3/2.5/3.0	1.3/3.3/3.8	1.7/5.0/6.0	1.7/6.0/6.7	2.3/7.1/8.5
Heating capacity	Min./Nom./Max.			kW	1.3/2.5/3.5	1.3/2.8/4.0	1.3/3.5/4.8	1.7/5.8/7.7	1.7/7.0/8.0	2.3/8.2/10.2
Power input	Cooling	Min./Nom./Max.		kW	-/0.55/-	-/0.73/-	-/0.98/-	0.44/1.55/2.08	0.44/1.99/2.40	0.57/2.35/3.20
	Heating	Min./Nom./Max.		kW	-/0.59/-	-/0.69/-	-/0.93/-	0.40/1.60/2.53	0.40/2.04/2.81	0.52/2.55/3.82
EER / COP					3.64 / 4.24	3.42 / 4.06	3.37 / 3.76	3.23 / 3.63	3.02 / 3.43	3.02 / 3.22
Annual energy consumption				kWh	275	365	490	775	995	1,175
Energy label	Cooling/Heating				A/A				B/B	B/C
Casing	Colour				White					
Dimensions	Unit	HeightxWidthxDepth		mm	283x770x198			290x1,050x238		
Weight	Unit			kg	7			12		
Fan - Air flow rate	Cooling	High/Nom./Low/Silent operation		m^3/min	9.1/7.4/5.9/4.7	9.2/7.6/6.0/4.8	9.3/7.7/6.1/4.9	14.7/12.4/10.3/9.5	16.2/13.6/11.4/10.2	17.4/14.6/11.6/10.6
	Heating	High/Nom./Low/Silent operation		m^3/min	9.4/7.8/6.3/5.5	9.7/8.0/6.3/5.5	10.1/8.4/6.7/5.7	16.1/13.9/11.5/10.2	17.4/15.1/12.7/11.4	19.7/16.9/14.3/12.7
Sound power level	Cooling	High		dBA	55	56	57	59	61	62
	Heating	High		dBA	55	56	57	58	60	62
Sound pressure level	Cooling	High/Nom./Low/Silent operation		dBA	39/33/25/22	40/33/26/22	41/34/27/23	43/39/34/31	45/41/36/33	46/42/37/34
	Heating	High/Nom./Low/Silent operation		dBA	39/34/28/25	40/34/28/25	41/35/29/26	42/38/33/30	44/40/35/32	46/42/37/34
Refrigerant	Type				R-410A					
Piping connections	Liquid/Gas/Drain	OD		mm	6.35/9.52/18.0			6.35/12.7/18.0		6.35/15.9/18.0
Power supply	Phase / Frequency / Voltage			Hz / V	1~ / 50 / 220-240					

Outdoor unit					RX20JV	RX25JV	RX35JV	RX50GV	RX60GV	RX71GV
Dimensions	Unit	HeightxWidthxDepth		mm	550x658x275			735x825x300		770x900x320
Weight	Unit			kg	28		30	48		71
Fan - Air flow rate	Cooling	High/Nom./Low		m^3/min	-/29.2/-		-/27.6/-	48.9/-/41.7	50.9/-/42.4	54.5/-/46.0
	Heating	High/Nom./Low		m^3/min	-/26.2/-		-/24.5/-	45.0/-/41.7	46.3/-/42.4	46.0/-/46.0
Sound power level	Cooling	Nom.		dBA	60		62	61	63	66
Sound pressure level	Cooling	High/Low		dBA	46/-		48/-	47/44	49/46	52/49
	Heating	High/Low		dBA	47/-		48/-	48/45	49/46	52/49
Operation range	Cooling	Ambient	Min.~Max.	°CDB	10~46			-10~46		
	Heating	Ambient	Min.~Max.	°CWB	-15~20			-15~18		
Refrigerant	Type				R-410A					
Piping connections	Level difference	IU - OU	Max.	m	12			20		
	Total piping length	System	Actual	m	-					
Power supply	Phase / Frequency / Voltage			Hz / V	1~ / 50 / 220-240					
Max. fuse amps				(A)	16			20		

FDXS-E/C / RXS-K/J/F Slim concealed ceiling unit



FDXS25,35E

RXS25F

ARC433A8

INVERTER

- Compact dimensions, can easily be mounted in a ceiling void of only 240mm
- Blends unobtrusively with any interior décor: only the suction and discharge grilles are visible
- Medium external static pressure facilitates unit use with flexible ducts of varying lengths
- Standard air filter removes airborne dust particles to ensure a steady supply of clean air
- Online controller (optional): control your indoor unit from any location via smartphone, laptop, pc, tablet or touch screen

Heating & Cooling

Indoor unit				*FDXS25E	FDXS35E	FDXS50C	FDXS60C
Cooling capacity	Min./Nom./Max.		kW	-/2.40/-	-/3.40/-	-/5.00/-	1.7/6.0/6.5
Heating capacity	Min./Nom./Max.		kW	-/3.20/-	-/4.00/-	-/5.80/-	1.7/7.0/8.0
Power input	Cooling	Min./Nom./Max.	kW	-/0.69/-	-/1.09/-	-/1.65/-	0.44/2.13/2.49
	Heating	Min./Nom./Max.	kW	-/0.91/-	-/1.18/-	-/1.92/-	0.40/2.32/3.18
EER / COP				3.48 / 3.52	3.12 / 3.39	3.03 / 3.02	2.82 / 3.02
Annual energy consumption			kWh	345	545	825	1,065
Energy label	Cooling/Heating			A/B	B/C	B/D	C/D
Dimensions	Unit	HeightxWidthxDepth	mm	200x700x620		200x900x620	200x1,100x620
Weight	Unit		kg	21.0		27.0	30.0
Fan - Air flow rate	Cooling	High/Nom./Low/Silent operation	m^3/min	8.7/8.0/7.3/6.2		12.0/11.0/10.0/8.4	16.0/14.8/13.5/11.2
	Heating	High/Nom./Low/Silent operation	m^3/min	8.7/8.0/7.3/6.2		12.0/11.0/10.0/8.4	16.0/14.8/13.5/11.2
Fan - External static pressure	Nom.		Pa	30		40	
Sound power level	Cooling	High	dBA	53.0		55.0	56.0
	Heating	High	dBA	53.0		55.0	56.0
Sound pressure level	Cooling	High/Nom./Low/Silent operation	dBA	35.0/33.0/31.0/29.0		37.0/35.0/33.0/31.0	38.0/36.0/34.0/32.0
	Heating	High/Nom./Low/Silent operation	dBA	35.0/33.0/31.0/29.0		37.0/35.0/33.0/31.0	38.0/36.0/34.0/32.0
Refrigerant	Type			R-410A			
Piping connections	Liquid/Gas	OD	mm	-			6.35 / 12.7
Power supply	Phase / Frequency / Voltage		Hz / V	1~ / 50/60 / 220-240/220-230			

Outdoor unit				RXS25K	RXS35J	RXS50J	RXS60F
Dimensions	Unit	HeightxWidthxDepth	mm	550x765x285	550x765x285	735x825x300	735x825x300
Weight	Unit		kg	34	34	48	
Fan - Air flow rate	Cooling	High/Super low	m^3/min	33.5/-	36.0/30.1	50.9/48.9	50.9/45.0
	Heating	High/Super low	m^3/min	28.3/-	28.3/25.6	45.0/43.1	46.3/46.3
Sound power level	Cooling	Nom./High	dBA	-/61	-/63		
Sound pressure level	Cooling	High/Silent operation	dBA	46/43	48/44		49/46
	Heating	High/Silent operation	dBA	47/44	48/45		49/46
Operation range	Cooling	Ambient Min.~Max.	°CDB	-10~46	-10~46		
	Heating	Ambient Min.~Max.	°CWB	-15~18	-15~18		
Refrigerant	Type			R-410A	R-410A		
Piping connections	Liquid	OD	mm	6.35	6.35		
	Gas	OD	mm	9.52	9.52	12.7	
	Level difference	IU - OU Max.	m	15	15	20	
	Heat insulation			Both liquid and gas pipes	Both liquid and gas pipes		
	Total piping length	System Actual	m	-	-		
Power supply	Phase / Frequency / Voltage		Hz / V	1~ / 50 / 220-240	1~ / 50 / 220-240		
Max. fuse amps			(A)	10		20	

*Note: grey cells contain preliminary data

FVXG-K / RXG-K

Floor standing unit with radiant heat panel

FVXG25,35,50K

RXG25,35K

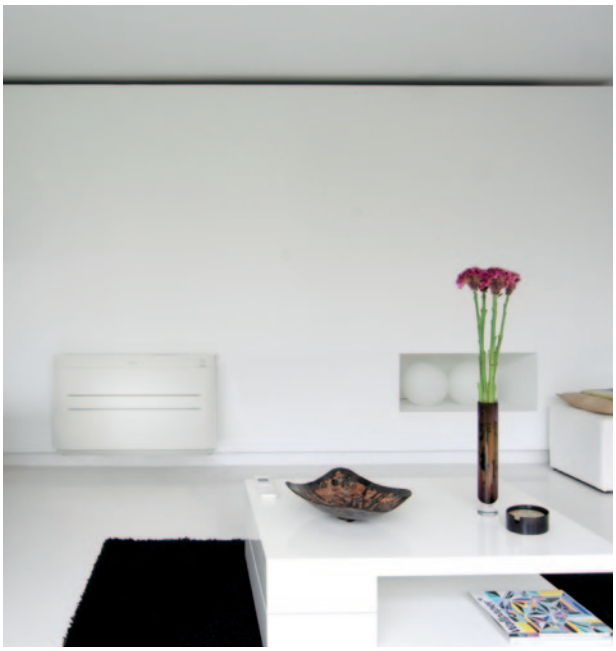
ARC466A2

UNIQUE TECHNOLOGY

nexura

INVERTER

- The aluminium part of the front panel of the Nexura indoor unit has the capability of warming up, just like a traditional radiator, to add even more comfort on cold days
- Comfortable vertical auto swing ensures draughtfree operation and prevents ceiling soiling
- Ideal for installation beneath a window against a wall or recessed
- Night set mode saves energy by preventing overcooling or overheating during night time
- Online controller (optional): control your indoor unit from any location via smartphone, laptop, pc, tablet or touch screen



Heating & Cooling

Indoor unit					FVXG25K	FVXG35K	FVXG50K
Cooling capacity	Min./Nom./Max.			kW	1.3/2.5 /3.0	1.4/3.5 /3.8	1.7/5.0 /5.6
Heating capacity	Min./Nom./Max.			kW	1.3/3.4 /4.5	1.4/4.5 /5.0	1.7/5.8 /8.1
Power input	Cooling	Min./Nom./Max.		kW	0.300/0.550/0.790	0.310/0.950/1.150	0.450/1.520/2.000
	Heating	Min./Nom./Max.		kW	0.290/0.780/1.270	0.290/1.210/1.460	0.500/1.580/2.660
EER / COP					4.55 / 4.36	3.68 / 3.72	3.29 / 3.67
SEER*					To be confirmed		
Annual energy consumption				kWh	275	475	760
Energy label	Cooling/Heating				A/A		
Casing	Colour				Fresh white (6.5Y 9.5/0.5)		
Dimensions	Unit	HeightxWidthxDepth		mm	600x950x215		
Weight	Unit			kg	22		
Fan - Air flow rate	Cooling	High/Nom./Low/Silent operation		m^3/min	8.9/7.0/5.3/4.5	9.1/7.2/5.3/4.5	10.6/8.9/7.3/6.0
	Heating	High/Nom./Low/Silent operation		m^3/min	9.9/7.8/5.7/4.7	10.2/8.0/5.8/5.0	12.2/10.0/7.8/6.8
Sound power level	Cooling	Nom.		dBA	54	55	56
	Heating	Nom.		dBA	55	56	58
Sound pressure level	Cooling	High/Nom./Low/Silent operation		dBA	38/32/26/23	39/33/27/24	44/40/36/32
	Heating	High/Nom./Low/ Silent operation/Radiant heat		dBA	39/32/26/22/19	40/33/27/23/19	46/40/34/30/20
Refrigerant	Type				R-410A		
Piping connections	Liquid/Gas/Drain	OD		mm	6.35 / 9.5 / 18		6.35 / 12.7 / 18
Power supply	Phase / Frequency / Voltage			Hz / V	1~ / 50 / 220-240		

Outdoor unit					RXG25K	RXG35K	RXG50K
Dimensions	Unit	HeightxWidthxDepth		mm	550x765x285		735x825x300
Weight	Unit			kg	34		48
Fan - Air flow rate	Cooling	High/Super low		m^3/min	33.5/30.1	36.0/30.1	50.9/48.9
	Heating	High/Super low		m^3/min	28.3/25.6		45/43.1
Sound power level	Cooling	Nom./High		dBA	-/61	-/63	
Sound pressure level	Cooling	High/Silent operation		dBA	46/43	48/44	
	Heating	High/Silent operation		dBA	47/44	48/45	
Operation range	Cooling	Ambient	Min.~Max.	°CDB	-10~46		
	Heating	Ambient	Min.~Max.	°CWB	-15~20		
Refrigerant	Type				R-410A		
Piping connections	Level difference	IU - OU	Max.	m	15		20
	Total piping length	System	Actual	m	-		
Power supply	Phase / Frequency / Voltage			Hz / V	1~ / 50 / 220-240		
Max. fuse amps				(A)	16		20

*prEN14825 (inquiry version 2010)

FVXS-F / RXS-K/J Floor standing unit

FVXS25,35,50F


RXS25K


ARC452A1

INVERTER

- Ideal for installation beneath a window against a wall or recessed
- ECONO mode decreases power consumption so that other appliances that need large power consumption can be used
- Vertical auto swing moves the discharge flaps up and down for efficient air and temperature distribution throughout the room
- Night set mode saves energy by preventing overcooling or overheating during night time
- Online controller (optional): control your indoor unit from any location via smartphone, laptop, pc, tablet or touch screen

Heating & Cooling

Indoor unit				*FVXS25F	FVXS35F	FVXS50F
Cooling capacity	Min./Nom./Max.		kW	1.3/2.5/3.0	1.4/3.5/3.8	1.4/5.0/5.6
Heating capacity	Min./Nom./Max.		kW	1.3/3.4/4.5	1.4/4.5/5.0	1.4/5.8/8.1
Power input	Cooling	Min./Nom./Max.	kW	0.300/0.570/0.920	0.300/1.020/1.250	0.500/1.550/2.000
	Heating	Min./Nom./Max.	kW	0.290/0.790/1.390	0.310/1.220/1.880	0.500/1.600/2.600
EER / COP				4.39 / 4.30	3.43 / 3.69	3.23 / 3.63
SEER*				To be confirmed	To be confirmed	
Annual energy consumption			kWh	285	510	775
Energy label	Cooling/Heating			A/A		
Casing	Colour			White		
Dimensions	Unit	HeightxWidthxDepth	mm	600x700x210		
Weight	Unit		kg	14		
Fan - Air flow rate	Cooling	High/Nom./Low/Silent operation	m^3/min	8.2/6.5/4.8/4.1	8.5/6.7/4.9/4.5	10.7/9.2/7.8/6.6
	Heating	High/Nom./Low/Silent operation	m^3/min	8.8/6.9/5.0/4.4	9.4/7.3/5.2/4.7	11.8/10.1/8.5/7.1
Sound power level	Cooling	High	dBA	54	55	56
	Heating	High	dBA	54	55	57
Sound pressure level	Cooling	High/Nom./Low/Silent operation	dBA	38/32/26/23	39/33/27/24	44/40/36/32
	Heating	High/Nom./Low/Silent operation	dBA	38/32/26/23	39/33/27/24	45/40/36/32
Refrigerant	Type			R-410A		
Piping connections	Liquid/Gas/Drain	OD	mm	6.35 / 9.5 / 20.0		6.35 / 12.7 / 20.0
Power supply	Phase / Frequency / Voltage		Hz / V	1~ / 50 / 220-240		

Outdoor unit					RXS25K	RXS35J	RXS50J
Dimensions	Unit	HeightxWidthxDepth		mm	550x765x285	550x828x285	735x825x300
Weight	Unit			kg	34	34	48
Fan - Air flow rate	Cooling	High/Super low		m^3/min	33.5/-	36.0/30.1	50.9/48.9
	Heating	High/Super low		m^3/min	28.3/-	28.3/25.6	45.0/43.1
Sound power level	Cooling	Nom./High		dBA	-/61	-/63	
Sound pressure level	Cooling	High/Silent operation		dBA	46/43	48/44	
	Heating	High/Silent operation		dBA	47/44	48/45	
Operation range	Cooling	Ambient	Min.~Max.	°CDB	-10~46	-10~46	
	Heating	Ambient	Min.~Max.	°CWB	-15~18	-15~18	
Refrigerant	Type				**R-410A**	R-410A	
Piping connections	Liquid/Gas	OD		mm	6.35/9.52	6.35 / 9.52	6.35 / 12.7
	Level difference	IU - OU	Max.	m	15	15	20
	Heat insulation				Both liquid and gas pipes	Both liquid and gas pipes	
	Total piping length	System	Actual	m	-	-	
Power supply	Phase / Frequency / Voltage			Hz / V	1~ / 50 / 220-240	1~ / 50 / 220-240	
Max. fuse amps				(A)	10		20

*prEN14825 (inquiry version 2010)

*Note: grey cells contain preliminary data

FLXS-B / RXS-K/J Flexi type unit

FLXS25,35,50B


RXS25K


ARC433A6

INVERTER

- Can fit on either ceiling or lower wall; its low height enables the unit to fit beneath a window
- Vertical auto swing moves the discharge flaps up and down for efficient air and temperature distribution throughout the room
- Home leave operation maintains the indoor temperature at your specified comfort level during absence, thus saving energy
- Night set mode saves energy by preventing overcooling or overheating during night time
- Online controller (optional): control your indoor unit from any location via smartphone, laptop, pc, tablet or touch screen

Heating & Cooling

Indoor unit				*FLXS25B	FLXS35B	FLXS50B
Cooling capacity	Min./Nom./Max.		kW	1.2/2.5/3.0	1.2/3.5/3.8	0.9/4.9/5.3
Heating capacity	Min./Nom./Max.		kW	1.2/3.4/4.5	1.4/4.0/5.0	0.9/6.1/7.5
Power input	Cooling	Min./Nom./Max.	kW	0.300/0.650/0.860	0.300/1.130/1.260	0.450/1.720/1.950
	Heating	Min./Nom./Max.	kW	0.290/0.980/1.490	0.290/1.230/1.850	0.310/1.820/3.540
EER / COP				3.85 / 3.47	3.10 / 3.25	2.85 / 3.35
Annual energy consumption			kWh	325	565	860
Energy label	Cooling/Heating			A/B	B/C	C/C
Casing	Colour			Almond white		
Dimensions	Unit	HeightxWidthxDepth	mm	490x1,050x200		
Weight	Unit		kg	16		17
Fan - Air flow rate	Cooling	High/Nom./Low/Silent operation	m^3/min	7.6/6.8/6.0/5.2	8.6/7.6/6.6/5.6	11.4/10.0/8.5/7.5
	Heating	High/Nom./Low/Silent operation	m^3/min	9.2/8.3/7.4/6.6	9.8/8.9/8.0/7.2	12.1/9.8/7.5/6.8
Sound power level	Cooling	High.	dBA	53	54	63
	Heating	High.	dBA	53	55	62
Sound pressure level	Cooling	High/Nom./Low/Silent operation	dBA	37/34/31/28	38/35/32/29	47/43/39/36
	Heating	High/Nom./Low/Silent operation	dBA	37/34/31/29	39/36/33/30	46/41/35/33
Refrigerant	Type			R-410A		
Piping connections	Liquid/Gas/Drain	OD	mm	6.35 / 9.5 / 18.0		6.35 / 12.7 / 18.0
Power supply	Phase / Frequency / Voltage		Hz / V	1~ / 50/60 / 220-240/220-230		

Outdoor unit				RXS25K	RXS35J	RXS50J
Dimensions	Unit	HeightxWidthxDepth	mm	550x765x285	550x765x285	735x825x300
Weight	Unit		kg	34	34	48
Fan - Air flow rate	Cooling	High/Super low	m^3/min	33.5/-	36.0/30.1	50.9/48.9
	Heating	High/Super low	m^3/min	28.3/-	28.3/25.6	45.0/43.1
Sound power level	Cooling	Nom./High	dBA	-/61	-/63	
Sound pressure level	Cooling	High/Silent operation	dBA	46/43	48/44	
	Heating	High/Silent operation	dBA	47/44	48/45	
Operation range	Cooling	Ambient Min.~Max.	°CDB	-10~46	-10~46	
	Heating	Ambient Min.~Max.	°CWB	-15~18	-15~18	
Refrigerant	Type			R-410A	R-410A	
Piping connections	Liquid/Gas	OD	mm	6.35 / 9.52	6.35 / 9.52	6.35 / 12.7
	Level difference	IU - OU Max.	m	15	15	20
	Heat insulation			Both liquid and gas pipes	Both liquid and gas pipes	
	Total piping length	System Actual	m	-	-	
Power supply	Phase / Frequency / Voltage		Hz / V	1~ / 50 / 220-240	1~ / 50 / 220-240	
Max. fuse amps			(A)	10		20

*Note: grey cells contain preliminary data

Multi model applications

MXU & MXS

INSTALLATION FLEXIBILITY

A very wide range is available, from 2-port to 5-port units, making all applications possible. Up to 5 indoor units can be connected to 1 multi outdoor unit. All indoor units can be individually controlled with remote control and do not need to be installed in the same room or even at the same time. The outdoor units are neat and sturdy and can be mounted easily on a roof or terrace or simply placed against an outside wall;

WIDE CHOICE

It is possible to combine different types of indoor units:
wall mounted, floor standing, round flow cassette, ceiling suspended, flexi type, concealed ceiling, 4-way blow cassette

Outdoor multi split units are fitted with the Daikin swing compressor, renowned for its low noise and high energy efficiency.

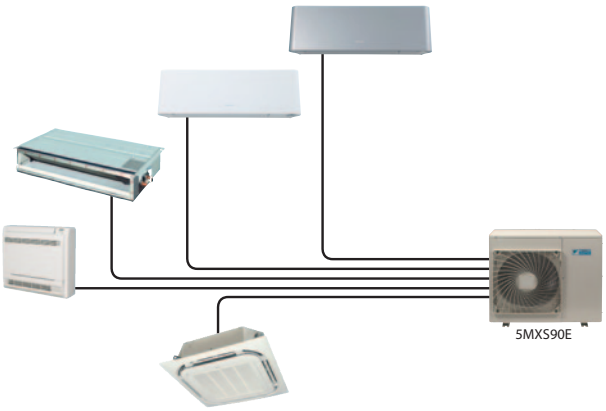
RXYSQ

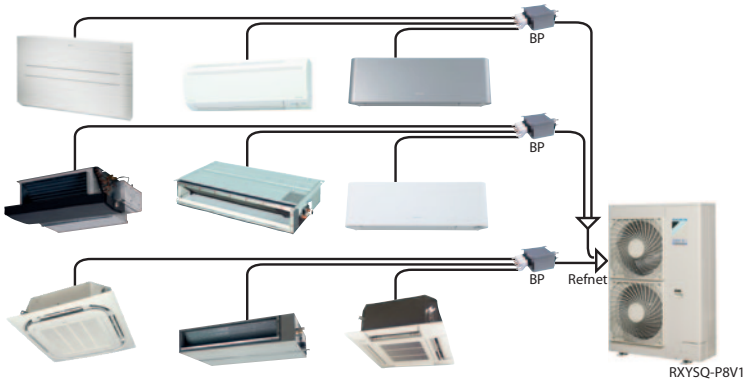
INSTALLATION FLEXIBILITY

Up to 9 indoor units can be connected to 1 multi outdoor unit. All indoor units can be individually controlled with remote control and do not need to be installed in the same room or even at the same time. Narrow refrigerant piping makes handling and connecting easier, resulting in significantly reduced installation time. The Branch Provider (BP) unit varies the refrigerant volume to meet the cooling or heating requirements of a room. The BP is easy to disassemble, making repairing and recycling more simple. The REFNET joint reduces the amount of work involved in installation and increases the reliability of the system. A maximum total piping length of 145m offers much more flexibility in the choice of installation position for the indoor units and greatly simplifies system planning.

WIDE CHOICE

It is possible to combine different types of indoor units:
wall mounted, floor standing, round flow cassette, ceiling suspended, flexi type, concealed ceiling.



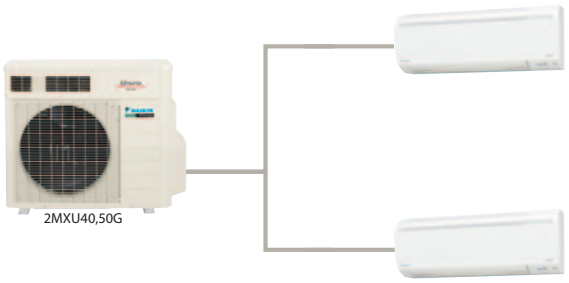


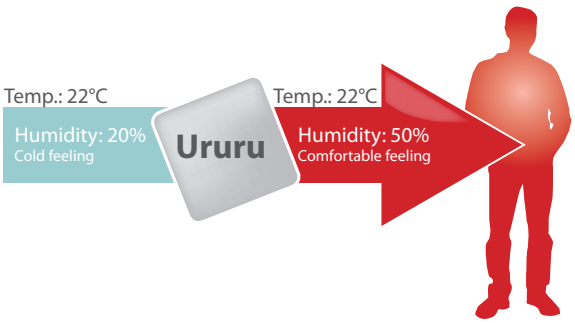
- Designed for two room residential use
- No need for water reservoir
- Humidification only possible in heating
- No heat or cold loss
- Fresh air is brought to the room
- Air supply fan accommodated in the outdoor unit

Heating & Cooling

CONNECTABLE INDOOR UNITS								
Indoor units					CTXU25G	CTXU35G	CTXU42G	CTXU50G
Casing	Colour				White			
Dimensions	Unit	HeightxWidthxDepth		mm	295x800x215			
Weight	Unit			kg	9	10		
Sound power level	Cooling	High		dBA	54	58		59
	Heating	High		dBA	55	58		60
Sound pressure level	Cooling	High/Nom./Low/ Silent operation		dBA	38/32/25/22	42/34/26/23	42/38/33/30	43/39/34/31
	Heating	High/Nom./Low/ Silent operation		dBA	39/34/28/25	42/36/29/26	42/38/33/30	44/39/34/31
Refrigerant	Type				R-410A			
Piping connections	Liquid	OD		mm	6.35			
	Gas	OD		mm	9.52			12.7
	Drain				18			
Power supply	Phase / Frequency / Voltage			Hz / V	1 / 50 / 220-230-240			

CONNECTABLE OUTDOOR UNITS						
Outdoor units					2MXU40G	2MXU50G
Dimensions	Unit	HeightxWidthxDepth		mm	675x765x285	
Weight	Unit			kg	45	49
Fan - Air flow rate	Cooling	High/Nom./Low		m^3/min	36/33/30	37/34/34
	Heating	High/Nom./Low		m^3/min	32/32/32	34/34/34
Sound power level	Cooling	Nom.		dBA	62	63
Sound pressure level	Cooling	High		dBA	47	48
	Heating	High		dBA	48	50
Operation range	Cooling	Ambient	Min.~Max.	°CDB	10~46	
	Heating	Ambient	Min.~Max.	°CWB	-15~15.5	
Refrigerant	Type				R-410A	
Piping connections	Piping length	Max.	OU - IU	m	15	
	Level difference	IU - OU	Max.	m	15	
		IU - IU	Max.	m	7.5	
	Heat insulation				Both liquid and gas pipes	
	Total piping length	System	Actual	m	30	
Power supply	Phase / Frequency / Voltage			Hz / V	1~ / 50 / 220-440	
Max. fuse amps				(A)	16	





COOLING

OUTDOOR UNIT	INDOOR UNIT	COOLING CAPACITY (kW)		TOTAL CAPACITY (kW)			POWER INPUT COOLING (kW)			EER	ENERGY LABEL	AEC (kWh)
		A ROOM	B ROOM	Min.	Nom.	Max.	Min.	Nom.	Max.			
2MXU40G	2.5	2.50	---	1.50	2.50	3.00	0.330	0.610	0.800	4.10	A	305
	3.5	3.50	---	1.50	3.50	4.00	0.330	1.050	1.360	3.33	A	525
	2.5+2.5	2.00	2.00	1.75	4.00	4.40	0.310	1.020	1.230	3.92	A	510
	2.5+3.5	1.80	2.20	1.75	4.00	4.60	0.310	0.990	1.310	4.04	A	495

HEATING

OUTDOOR UNIT	INDOOR UNIT	HEATING CAPACITY (kW)		TOTAL CAPACITY (kW)			POWER INPUT HEATING (kW)			COP	ENERGY LABEL
		A ROOM	B ROOM	Min.	Nom.	Max.	Min.	Nom.	Max.		
2MXU40G	2.5	3.40	---	1.10	3.40	4.10	0.260	1.020	1.480	3.33	C
	3.5	3.80	---	1.10	3.80	4.40	0.260	1.280	1.720	2.97	D
	2.5+2.5	2.20	2.20	1.40	4.40	4.70	0.250	1.030	1.160	4.27	A
	2.5+3.5	2.05	2.35	1.40	4.40	4.70	0.240	0.990	1.110	4.44	A

COOLING

OUTDOOR UNIT	INDOOR UNIT	COOLING CAPACITY (kW)		TOTAL CAPACITY (kW)			POWER INPUT COOLING (kW)			EER	ENERGY LABEL	AEC (kWh)
		A ROOM	B ROOM	Min.	Nom.	Max.	Min.	Nom.	Max.			
2MXU50G	2.5	2.50	---	1.60	2.50	3.10	0.330	0.560	0.800	4.46	A	280
	3.5	3.50	---	1.60	3.50	4.00	0.320	0.940	1.240	3.72	A	470
	4.2	4.20	---	1.60	4.20	4.70	0.320	1.380	1.850	3.04	B	690
	5.0	5.00	---	1.60	5.00	5.10	0.320	1.940	2.070	2.58	E	970
	2.5+2.5	2.50	2.50	1.95	5.00	5.30	0.340	1.380	1.610	3.62	A	690
	2.5+3.5	2.08	2.92	1.95	5.00	5.40	0.340	1.340	1.610	3.73	A	670
	2.5+4.2	1.87	3.13	1.95	5.00	5.50	0.340	1.330	1.720	3.76	A	665
	2.5+5.0	1.67	3.33	1.95	5.00	5.50	0.340	1.300	1.700	3.85	A	650
	3.5+3.5	2.50	2.50	1.98	5.00	5.40	0.340	1.290	1.550	3.88	A	645
	3.5+4.2	2.27	2.73	1.98	5.00	5.50	0.340	1.280	1.650	3.91	A	640
	3.5+5.0	2.06	2.94	1.98	5.00	5.50	0.340	1.270	1.620	3.94	A	635
	4.2+4.2	2.50	2.50	1.98	5.00	5.50	0.340	1.270	1.620	3.94	A	635

HEATING

OUTDOOR UNIT	INDOOR UNIT	HEATING CAPACITY (kW)		TOTAL CAPACITY (kW)			POWER INPUT HEATING (kW)			COP	ENERGY LABEL
		A ROOM	B ROOM	Min.	Nom.	Max.	Min.	Nom.	Max.		
2MXU50G	2.5	3.40	---	1.16	3.40	4.10	0.220	0.940	1.270	3.62	A
	3.5	4.00	---	1.16	4.00	4.60	0.220	1.180	1.460	3.39	C
	4.2	4.70	---	1.16	4.70	5.10	0.220	1.490	1.730	3.15	D
	5.0	5.40	---	1.28	5.40	5.60	0.230	1.770	1.910	3.05	D
	2.5+2.5	2.80	2.80	1.18	5.60	5.80	0.220	1.380	1.430	4.06	A
	2.5+3.5	2.38	3.32	1.24	5.70	6.00	0.230	1.340	1.450	4.25	A
	2.5+4.2	2.13	3.57	1.25	5.70	6.10	0.230	1.330	1.470	4.29	A
	2.5+5.0	1.90	3.80	1.35	5.70	6.30	0.230	1.320	1.520	4.32	A
	3.5+3.5	2.85	2.85	1.30	5.70	6.10	0.230	1.330	1.460	4.29	A
	3.5+4.2	2.59	3.11	1.31	5.70	6.20	0.230	1.320	1.480	4.32	A
	3.5+5.0	2.35	3.35	1.35	5.70	6.40	0.230	1.310	1.560	4.35	A
	4.2+4.2	2.85	2.85	1.32	5.70	6.30	0.230	1.310	1.500	4.35	A

INVERTER

- Wide range from 2 to 5 port units
- Possibility to connect up to 5 indoor units
- NEW › A new 3-port 40 multi outdoor unit gives an answer to lower capacity requirements of better insulated houses. The newly developed 15-class wall mounted allows efficient distribution of the lower capacity of the multi outdoor unit.
- All indoor units can be individually controlled and do not need to be installed in the same room or even at the same time
- Outdoor units are fitted with a Daikin swing compressor renowned for its low noise and high energy efficiency
- Possibility to combine different types of indoor units: wall mounted, floor standing, concealed ceiling, ceiling suspended units, round flow or 4-way blow cassettes

Heating & Cooling

CONNECTABLE INDOOR UNITS	Wall mounted																Floor standing						Slim concealed ceiling				Flexi type				Round flow cassette			4-way blow cassette				Concealed ceiling				Ceiling suspended		
	FTXG-J			FTXS-K		CTXS-K		FTXS-J/G						FTX-JV			FVXG-K			FVXS-F			FDXS-E/C				FLXS-B				FCQ-C8			FFQ-B9V				FDBQ-B/FBQ-C				FHQ-B		
	25	35	50	20	25	15	35	25	35	42	50	60	71	25	35	50	25	35	50	25	35	50	25	35	50	60	25	35	50	60	35	50	60	25	35	50	60	25	35	50	60	35	50	60
2MXS40H	●	●		●	●	●	●	●	●					●	●	●	●	●	●	●	●		●	●			●	●																
2MXS50H	●	●	●	●	●	●	●	●	●	●	●			●	●	●	●	●	●	●	●	●	●	●	●		●	●	●					●	●	●								
3MXS40K	●	●		●	●	●	●	●	●								●	●		●	●		●	●			●	●			●			●	●			●	●			●		
3MXS52E	●	●	●	●	●	●	●	●	●	●	●						●	●	●	●	●	●	●	●	●		●	●	●		●	●		●	●	●		●	●	●		●	●	●
3MXS68G	●	●	●	●	●	●	●	●	●	●	●	●					●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
4MXS68F	●	●	●	●	●	●	●	●	●	●	●	●					●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
4MXS80E	●	●	●	●	●	●	●	●	●	●	●	●	●				●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
5MXS90E	●	●	●	●	●	●	●	●	●	●	●	●	●				●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●

CONNECTABLE INDOOR UNITS					
Indoor unit				FTXG25JA	FTXG35JA	FTXG50JA
Casing	Colour			Brushed aluminium		
Dimensions	Unit	HeightxWidthxDepth	mm	295x915x155		
Weight	Unit		kg	11		
Fan - Air flow rate	Cooling	High/Nom./Low/Silent operation	m^3/min	8.8/6.8/4.7/3.8	10.1/7.3/4.6/3.9	10.3/8.5/6.7/5.7
	Heating	High/Nom./Low/Silent operation	m^3/min	9.6/7.9/6.2/5.4	10.8/8.6/6.4/5.6	11.4/9.8/8.1/7.1
Sound power level	Cooling	High	dBA	54	58	60
	Heating	High	dBA	55	58	60
Sound pressure level	Cooling	High/Nom./Low/Silent operation	dBA	38/32/25/22	42/34/26/23	44/40/35/32
	Heating	High/Nom./Low/Silent operation	dBA	39/34/28/25	42/36/29/26	44/40/35/32
Refrigerant	Type			R-410A		
Piping connections	Liquid	OD	mm	6.35		
	Gas	OD	mm	9.52		12.70
	Drain			16 or 18		
Power supply	Phase / Frequency / Voltage		Hz / V	1~ / 50 / 220-240		

CONNECTABLE INDOOR UNITS						
Indoor unit				FTXG25JW	FTXG35JW	FTXG50JW
Casing	Colour			Matt crystal white		
Dimensions	Unit	HeightxWidthxDepth	mm	295x915x155		
Weight	Unit		kg	11		
Fan - Air flow rate	Cooling	High/Nom./Low/Silent operation	m^3/min	8.8/6.8/4.7/3.8	10.1/7.3/4.6/3.9	10.3/8.5/6.7/5.7
	Heating	High/Nom./Low/Silent operation	m^3/min	9.6/7.9/6.2/5.4	10.8/8.6/6.4/5.6	11.4/9.8/8.1/7.1
Sound power level	Cooling	High	dBA	54	58	60
	Heating	High	dBA	55	58	60
Sound pressure level	Cooling	High/Nom./Low/Silent operation	dBA	38/32/25/22	42/34/26/23	44/40/35/32
	Heating	High/Nom./Low/Silent operation	dBA	39/34/28/25	42/36/29/26	44/40/35/32
Refrigerant	Type			R-410A		
Piping connections	Liquid	OD	mm	6.35		
	Gas	OD	mm	9.52		12.70
	Drain			18		
Power supply	Phase / Frequency / Voltage		Hz / V	1~ / 50 / 220-240		

CONNECTABLE INDOOR UNITS						
Indoor unit				CTXS15K	FTXS20K	FTXS25K
Casing	Colour			White		
Dimensions	Unit	HeightxWidthxDepth	mm	289x780x215	289x780x215	
Weight	Unit		kg	8	8	
Fan - Air flow rate	Cooling	High	m^3/min	7.9/6.3/4.7/3.9	8.8/6.7/4.7/3.9	9.1/7.0/5.0/3.9
	Heating	High	m^3/min	9.2/7.2/5.2/3.9	9.5/7.8/6.0/4.3	10.0/8.0/6.0/4.3
Sound power level	Cooling	High	dBA	53	56	57
	Heating	High	dBA	54	56	57
Sound pressure level	Cooling	High/Nom./Low/Silent operation	dBA	37/31/25/21	40/32/24/19	41/33/25/19
	Heating	High/Nom./Low/Silent operation	dBA	38/33/28/21	40/34/27/19	41/34/27/19
Refrigerant	Type			R-410A	R-410A	
Piping connections	Liquid	OD	mm	6.35	6.35	
	Gas	OD	mm	9.52	9.52	
	Drain			18.0	18.0	
Power supply	Phase / Frequency / Voltage		Hz / V	1~ / 50 / 220-240	1~ / 50 / 220-240	

CONNECTABLE INDOOR UNITS								
Indoor unit				FTXS35J	FTXS42J	FTXS50J	FTXS60G	FTXS71G
Casing	Colour							
Dimensions	Unit	HeightxWidthxDepth	mm				290x1,050x250	
Weight	Unit		kg		10		12	
Fan - Air flow rate	Cooling	High/Nom./Low/Silent operation	m^3/min	11.4/8.7/5.8/4.4	11.3/9.0/6.8/5.9	11.6/9.2/7.0/6.0	16.0/13.5/11.3/10.1	17.2/14.5/11.5/10.5
	Heating	High/Nom./Low/Silent operation	m^3/min	12.4/9.5/6.8/6.0	12.2/9.7/7.3/6.4	12.1/9.8/7.6/6.7	17.2/14.9/12.6/11.3	19.5/16.7/14.2/12.6
Sound power level	Cooling	Nom.	dBA	61		62	61	62
	Heating	Nom.	dBA	61		63	60	62
Sound pressure level	Cooling	High/Nom./Low/Silent operation	dBA	45/37/29/23	45/39/33/30	46/40/34/31	45/41/36/33	46/42/37/34
	Heating	High/Nom./Low/Silent operation	dBA	45/39/29/26	45/39/33/30	47/41/34/31	44/40/35/32	46/42/37/34
Refrigerant	Type							
Piping connections	Liquid	OD	mm					
	Gas	OD	mm			12.7		15.9
	Drain						18.0	
Power supply	Phase / Frequency / Voltage		Hz / V					

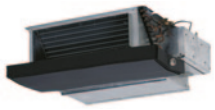
CONNECTABLE INDOOR UNITS						
Indoor unit				FTX20JV	FTX25JV	FTX35JV
Casing	Colour			White		
Dimensions	Unit	HeightxWidthxDepth	mm	283x770x198		
Weight	Unit		kg	7		
Fan - Air flow rate	Cooling	High/Nom./Low/Silent operation	m^3/min	9.1/7.4/5.9/4.7	9.2/7.6/6.0/4.8	9.3/7.7/6.1/4.9
	Heating	High/Nom./Low/Silent operation	m^3/min	9.4/7.8/6.3/5.5	9.7/8.0/6.3/5.5	10.1/8.4/6.7/5.7
Sound power level	Cooling	Nom.	dBA	55	56	57
	Heating	Nom.	dBA	55	56	57
Sound pressure level	Cooling	High/Nom./Low/Silent operation	dBA	39/33/25/22	40/33/26/22	41/34/27/23
	Heating	High/Nom./Low/Silent operation	dBA	39/34/28/25	40/34/28/25	41/35/29/26
Refrigerant	Type			R-410A		
Piping connections	Liquid	OD	mm	6.35		
	Gas	OD	mm	9.52		
	Drain	OD	mm	18		
Power supply	Phase / Frequency / Voltage		Hz / V	1~ / 50 / 220-240		

CONNECTABLE INDOOR UNITS						
Indoor unit				FVXG25K	FVXG35K	FVXG50K
Casing	Colour			Fresh white (6.5Y 9.5/0.5)		
Dimensions	Unit	HeightxWidthxDepth	mm	600x950x215		
Weight	Unit		kg	22		
Fan - Air flow rate	Cooling	High/Nom./Low/Silent operation	m^3/min	8.9/7.0/5.3/4.5	9.1/7.2/5.3/4.5	10.6/8.9/7.3/6.0
	Heating	High/Nom./Low/Silent operation	m^3/min	9.9/7.8/5.7/4.7	10.2/8.0/5.8/5.0	12.2/10.0/7.8/6.8
Sound power level	Cooling	Nom.	dBA	54	55	56
	Heating	Nom.	dBA	55	56	58
Sound pressure level	Cooling	High/Nom./Low/Silent operation	dBA	38/32/26/23	39/33/27/24	44/40/36/32
	Heating	High/Nom./Low/Silent operation/Radiant heat	dBA	39/32/26/22/19	40/33/27/23/19	46/40/34/30/20
Refrigerant	Type			R-410A		
Piping connections	Liquid	OD	mm	6.35		
	Gas	OD	mm	9.50		12.70
	Drain			18		
Power supply	Phase / Frequency / Voltage		Hz / V	1~ / 50 / 220-240		

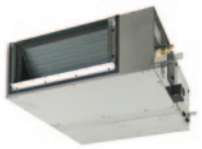
CONNECTABLE INDOOR UNITS						
Indoor unit				FVXS25F	FVXS35F	FVXS50F
Casing	Colour			White		
Dimensions	Unit	HeightxWidthxDepth	mm	600x700x210		
Weight	Unit		kg	14		
Fan - Air flow rate	Cooling	High/Nom./Low/Silent operation	m^3/min	8.2/6.5/4.8/4.1	8.5/6.7/4.9/4.5	10.7/9.2/7.8/6.6
	Heating	High/Nom./Low/Silent operation	m^3/min	8.8/6.9/5.0/4.4	9.4/7.3/5.2/4.7	11.8/10.1/8.5/7.1
Sound power level	Cooling	High	dBA	54	55	56
	Heating	High	dBA	54	55	57
Sound pressure level	Cooling	High/Nom./Low/Silent operation	dBA	38/32/26/23	39/33/27/24	44/40/36/32
	Heating	High/Nom./Low/Silent operation	dBA	38/32/26/23	39/33/27/24	45/40/36/32
Refrigerant	Type			R-410A		
Piping connections	Liquid	OD	mm	6.35		
	Gas	OD	mm	9.52		12.7
	Drain			20		
Power supply	Phase / Frequency / Voltage		Hz / V	1~ / 50 / 220-240		

CONNECTABLE INDOOR UNITS							
Indoor unit				FDXS25E	FDXS35E	FDXS50C	FDXS60C
Casing	Colour			Unpainted			
Dimensions	Unit	HeightxWidthxDepth	mm	200x700x620		200x900x620	200x1,100x620
Weight	Unit		kg	21.0		27.0	30.0
Fan - Air flow rate	Cooling	High/Nom./Low/Silent operation	m^3/min	8.7/8.0/7.3/6.2		12.0/11.0/10.0/8.4	16.0/14.8/13.5/11.2
	Heating	High/Nom./Low/Silent operation	m^3/min	8.7/8.0/7.3/6.2		12.0/11.0/10.0/8.4	16.0/14.8/13.5/11.2
Fan - External static pressure	Nom.		Pa	30		40	
Sound power level	Cooling	High	dBA	53.0		55.0	56.0
	Heating	High	dBA	53.0		55.0	56.0
Sound pressure level	Cooling	High/Nom./Low/Silent operation	dBA	35.0/33.0/31.0/29.0		37.0/35.0/33.0/31.0	38.0/36.0/34.0/32.0
	Heating	High/Nom./Low/Silent operation	dBA	35.0/33.0/31.0/29.0		37.0/35.0/33.0/31.0	38.0/36.0/34.0/32.0
Refrigerant	Type			R-410A			
Piping connections	Liquid	OD	mm	6.35			
	Gas	OD	mm	9.52		12.7	
	Drain			VP20 (I.D. 20/O.D. 26)			
Power supply	Phase / Frequency / Voltage		Hz / V	1~ / 50/60 / 220-240/220-230			

CONNECTABLE INDOOR UNITS							
Indoor unit				FLXS25B	FLXS35B	FLXS50B	FLXS60B
Casing	Colour			Almond white			
Dimensions	Unit	HeightxWidthxDepth	mm	490x1,050x200			
Weight	Unit		kg	16		17	
Fan - Air flow rate	Cooling	High/Nom./Low/Silent operation	m^3/min	7.6/6.8/6.0/5.2	8.6/7.6/6.6/5.6	11.4/10.0/8.5/7.5	12.0/10.7/9.3/8.3
	Heating	High/Nom./Low/Silent operation	m^3/min	9.2/8.3/7.4/6.6	9.8/8.9/8.0/7.2	12.1/9.8/7.5/6.8	12.8/10.6/8.4/7.5
Sound power level	Cooling	High	dBA	53	54	63	64
	Heating	High	dBA	53	55	62	63
Sound pressure level	Cooling	High/Nom./Low/Silent operation	dBA	37/34/31/28	38/35/32/29	47/43/39/36	48/45/41/39
	Heating	High/Nom./Low/Silent operation	dBA	37/34/31/29	39/36/33/30	46/41/35/33	47/42/37/34
Refrigerant	Type			R-410A			
Piping connections	Liquid	OD	mm	6.35			
	Gas	OD	mm	9.52		12.7	
	Drain			18			
Power supply	Phase / Frequency / Voltage		Hz / V	1~ / 50/60 / 220-240/220-230			



CONNECTABLE INDOOR UNITS				
Indoor unit				FDBQ25B
Casing	Colour			Unpainted
Dimensions	Unit	HeightxWidthxDepth	mm	230x652x502
Weight	Unit		kg	17.0
Fan - Air flow rate	Cooling	High/Low	m^3/min	6.50/5.20
	Heating	High/Low	m^3/min	6.95/5.20
Sound power level	Cooling	High/Low	dBA	55.0/49.0
	Heating	High/Low	dBA	55.0/49.0
Sound pressure level	Cooling	High/Low	dBA	35.0/28.0
	Heating	High/Low	dBA	35.0/29.0
Refrigerant	Type			R-410A
Piping connections	Liquid	OD	mm	6.35
	Gas	OD	mm	9.52
	Drain			27.2
Power supply	Phase / Frequency / Voltage		Hz / V	1~ / 50 / 230



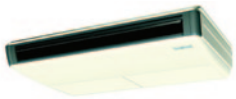
CONNECTABLE INDOOR UNITS						
Indoor unit				FBQ35C8	FBQ50C8	FBQ60C8
Casing	Colour			Unpainted		
Dimensions	Unit	HeightxWidthxDepth	mm	300x700x700		300x1,000x700
Required ceiling void >			mm	350		
Weight	Unit		kg	25		34
Decoration panel	Model			BYBS45DJW1		BYBS71DJW1
	Colour			White (10Y9/0.5)		
	Dimensions	HeightxWidthxDepth	mm	55x800x500		55x1,100x500
	Weight		kg	3.5		4.5
Fan - Air flow rate	Cooling	High/Low	m^3/min	16/11		18/15
	Heating	High/Low	m^3/min	16/11		18/15
Fan - External static pressure	High/Nom.		Pa	100/30		
Sound power level	Cooling	High	dBA	63		57
	Heating	High	dBA	-		
Sound pressure level	Cooling	High/Low	dBA	37/29		
	Heating	High/Low	dBA	37/29		
Refrigerant	Type			R-410A		
Piping connections	Liquid	OD	mm	6.35		
	Gas	OD	mm	9.52	12.70	
	Drain			VP25 (O.D. 32 / I.D. 25)		
Power supply	Phase / Frequency / Voltage		Hz / V	1~ / 50/60 / 220-240/220		

CONNECTABLE INDOOR UNITS						
Indoor units				*FCQG35F	*FCQG50F	*FCQG60F
Dimensions	Unit	HeightxWidthxDepth	mm	204x840x840		
Weight	Unit		kg	19		
Decoration panel	Model			BYCQ140DW1[1] / BYCQ140DW1W[2] / BYCQ140DGW1[3]		
	Colour			Pure White(RAL 9010)		
	Dimensions	HeightxWidthxDepth	mm	50x950x950 / 50x950x950 / 130x950x950		
	Weight		kg	5.5 / 5.5 / 11.5		
Sound power level	Cooling	High	dBA	-		
Sound pressure level	Cooling	High/Low	dBA	-		
	Heating	High/Low	dBA	-		
Refrigerant	Type			R-410A		
Piping connections	Liquid	OD	mm	-		
	Gas	OD	mm	-		
	Drain			-		
Power supply	Phase / Frequency / Voltage		Hz / V	1~ / 50/60 / 220-240/220		

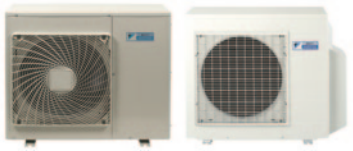
[2] Pure white standard panel with grey louvers / [3] Pure white standard panel with white louvers / [4] Pure white auto cleaning panel

*Note: grey cells contain preliminary data

CONNECTABLE INDOOR UNITS								
Indoor unit				*FFQ25B9V	*FFQ35B9V	*FFQ50B9V	*FFQ60B9V
Casing	Colour			-			
Dimensions	Unit	HeightxWidthxDepth	mm	286x575x575			
Weight	Unit		kg	17.5			
Decoration panel	Model			BYFQ60BAW1			
	Colour			White			
	Dimensions	HeightxWidthxDepth	mm	55x700x700			
	Weight		kg	2.7			
Fan - Air flow rate	Cooling	High/Low	m^3/min	9.0/6.5	10.0/6.5	12.0/8.0	15.0/10.0
	Heating	High/Low	m^3/min	9.0/6.5	10.0/6.5	12.0/8.0	15.0/10.0
Sound power level	Cooling	High	dBA	46.5	49.0	53.0	58.0
	Heating	High	dBA	-			
Sound pressure level	Cooling	High/Low	dBA	29.5/24.5	32.0/25.0	36.0/27.0	41.0/32.0
	Heating	High/Low	dBA	29.5/24.5	32.0/25.0	36.0/27.0	41.0/32.0
Refrigerant	Type			R-410A			
Piping connections	Liquid	OD	mm	6.35			
	Gas	OD	mm	9.52		12.7	
	Drain			26			
Power supply	Phase / Frequency / Voltage		Hz / V	1~ / 50 / 230			



CONNECTABLE INDOOR UNITS						
Indoor unit				FHQ35B	FHQ50B	FHQ60B
Casing	Colour			White		
Dimensions	Unit	HeightxWidthxDepth	mm	195x960x680		195x1,160x680
Weight	Unit		kg	24	25	27
Fan - Air flow rate	Cooling	High/Low	m^3/min	13/10		17/13
	Heating	High/Low	m^3/min	13/10		16/13
Sound power level	Cooling	High/Low	dBA	53/48	54/49	55/49
	Heating	High/Low	dBA	53/48	54/49	55/49
Sound pressure level	Cooling	High/Low	dBA	37/32	38/33	39/33
	Heating	High/Low	dBA	37/32	38/33	39/33
Refrigerant	Type			R-410A		
Piping connections	Liquid	OD	mm	6.35		
	Gas	OD	mm	9.52	12.70	
	Drain			VP20 (I.D. 20/O.D. 26)		
Power supply	Phase / Frequency / Voltage		Hz / V	1~ / 50 / 220-240		



NEW

CONNECTABLE OUTDOOR UNITS											
Outdoor unit					2MXS40H	2MXS50H	3MXS40K	3MXS52E	3MXS68G	4MXS68F	4MXS80E	5MXS90E
Dimensions	Unit	HeightxWidthxDepth		mm	550x765x285		735x826x300	735x826x300			770x900x320	
Weight	Unit			kg	38	42	49	49	58		72	73
Fan - Air flow rate	Cooling	High/Nom./Low		m^3/min	36/33/30	37/34/34	45/-/41	45/-/45	52.7/49.4/43.5		54.5/-/46.0	57.1/54.5/46.0
	Heating	High/Nom./Low		m^3/min	32/32/32	34/34/34	45/-/41	45/-/41	46.4/44.5/16.3		46.0/-/14.7	52.5/-/14.7
Sound power level	Cooling	High/Nom.		dBA	-/62	-/63	59/-	-/59	-/61		-/62	-/66
Sound pressure level	Cooling	Nom.		dBA	47	48	46	46	48			52
	Heating	Nom.		dBA	48	50	47	47	49			52
Operation range	Cooling	Ambient	Min.~Max.	°CDB	10~46		-10~46	-10~46				
	Heating	Ambient	Min.~Max.	°CWB	-15~15.5							
Refrigerant	Type				R-410A		R-410A	R-410A				
Piping connections	Liquid	OD		mm	6.35		6.35x3	6.35				
	Gas	OD		mm	9.52		9.52x3	9.52				
	Drain	OD		mm	18		18	18			25	
	Level difference	IU - OU	Max.	m	15		15	15				
		IU - IU	Max.	m	7.5		7.5	7.5				
	Heat insulation				Both liquid and gas pipes							
	Total piping length	System	Actual	m	30		30	50		60	70	75
Power supply	Phase / Frequency / Voltage			Hz / V	1~ / 50 / 230		1~ / 50 / 230	1~ / 50 / 230				

*Note: grey cells contain preliminary data

COOLING

OUTDOOR UNIT	INDOOR UNIT	COOLING CAPACITY (kW)		TOTAL CAPACITY (kW)			POWER INPUT COOLING (kW)			TOTAL CURRENT (A)			POWER FACTOR (%)	EER	ENERGY LABEL	AEC (kWh)
		A ROOM	B ROOM	Min.	Nom.	Max.	Min.	Nom.	Max.	Min.	Nom.	Max.				
2MXS40H2V1B	1.5	1.50	---	1.22	1.50	1.59	0.32	0.33	0.35	1.5	1.5	1.5	94	4.55	A	165
	2.0	2.00	---	1.50	2.00	2.40	0.33	0.44	0.57	1.5	2.0	1.5	94	4.55	A	220
	2.5	2.50	---	1.50	2.50	3.00	0.33	0.61	0.80	1.5	2.8	1.5	94	4.10	A	305
	3.5	3.50	---	1.50	3.50	4.00	0.33	1.050	1.360	1.5	4.8	1.5	95	3.33	A	525
	1.5+1.5	1.50	1.50	1.75	3.00	3.57	0.35	0.66	0.83	1.6	3.1	1.6	94	4.55	A	330
	1.5+2.0	1.50	2.00	1.75	3.50	3.96	0.35	0.81	0.99	1.6	3.7	1.6	94	4.32	A	405
	1.5+2.5	1.50	2.50	1.75	4.00	4.22	0.35	1.020	1.120	1.6	4.7	1.6	94	3.92	A	510
	1.5+3.5	1.20	2.80	1.75	4.00	4.34	0.35	0.99	1.140	1.6	4.6	1.6	94	4.04	A	495
	2.0+2.0	2.00	2.00	1.75	4.00	4.20	0.31	1.040	1.120	1.4	4.8	1.4	94	3.85	A	520
	2.0+2.5	1.85	2.15	1.75	4.00	4.30	0.31	1.030	1.170	1.4	4.8	1.4	94	3.88	A	515
	2.0+3.5	1.75	2.25	1.75	4.00	4.50	0.31	1.000	1.230	1.4	4.6	1.4	94	4.00	A	500
	2.5+2.5	2.00	2.00	1.75	4.00	4.40	0.31	1.020	1.230	1.4	4.7	1.4	94	3.92	A	510
	2.5+3.5	1.80	2.20	1.75	4.00	4.60	0.31	0.99	1.310	1.4	4.6	1.4	94	4.04	A	495

HEATING

OUTDOOR UNIT	INDOOR UNIT	HEATING CAPACITY (kW)		TOTAL CAPACITY (kW)			POWER INPUT COOLING (kW)			TOTAL CURRENT (A)			POWER FACTOR (%)	COP	ENERGY LABEL
		A ROOM	B ROOM	Min.	Nom.	Max.	Min.	Nom.	Max.	Min.	Nom.	Max.			
2MXS40H2V1B	1.5	2.60	---	1.10	2.60	3.42	0.29	0.70	1.190	1.3	3.2	5.5	94	3.71	A
	2.0	3.00	---	1.10	3.00	3.70	0.29	0.85	1.270	1.3	3.9	5.9	94	3.53	B
	2.5	3.40	---	1.10	3.40	4.10	0.29	1.060	1.520	1.3	4.9	7.0	95	3.21	C
	3.5	3.80	---	1.10	3.80	4.40	0.29	1.290	1.730	1.3	5.9	7.9	95	2.95	D
	1.5+1.5	1.90	1.90	1.30	3.80	4.26	0.30	0.90	1.110	1.4	4.1	5.1	95	4.22	A
	1.5+2.0	1.71	2.29	1.30	4.00	4.44	0.30	0.95	1.150	1.4	4.3	5.3	95	4.21	A
	1.5+2.5	1.58	2.63	1.30	4.20	4.58	0.30	1.020	1.220	1.4	4.7	5.6	95	4.12	A
	1.5+3.5	1.32	3.08	1.30	4.40	4.70	0.29	1.090	1.200	1.3	5.0	5.5	95	4.04	A
	2.0+2.0	2.10	2.10	1.40	4.20	4.60	0.27	1.010	1.170	1.2	4.6	5.4	95	4.16	A
	2.0+2.5	2.10	2.30	1.40	4.40	4.70	0.27	1.080	1.210	1.2	4.9	5.5	96	4.07	A
	2.0+3.5	2.00	2.40	1.40	4.40	4.70	0.26	1.060	1.190	1.2	4.8	5.4	96	4.15	A
	2.5+2.5	2.20	2.20	1.40	4.40	4.70	0.27	1.070	1.200	1.2	4.8	5.4	96	4.11	A
	2.5+3.5	2.05	2.35	1.40	4.40	4.70	0.26	1.050	1.180	1.2	4.8	5.3	96	4.19	A

Notes: 1. Cooling capacity is based on 27°CDB/19°CWB (Indoor temperature). 35°CDB(Outdoor temperature).
Heating capacity is based on 20°CDB (Indoor temperature). 7°CDB/6°CWB(Outdoor temperature).
2. The total ability of connected a indoor unit is up to 6.0kW.
3. It is impossible to connect the indoor unit for one room only.
4. The above is the value for connecting with the following indoor units.
1.5. 2.0. 2.5. 3.5 kW Class; wall mounted K series

* This page contains preliminary data

COOLING

OUTDOOR UNIT	INDOOR UNIT	COOLING CAPACITY (kW)		TOTAL CAPACITY (kW)			POWER INPUT COOLING (kW)			TOTAL CURRENT (A)			POWER FACTOR (%)	EER	ENERGY LABEL	AEC (kWh)
		A ROOM	B ROOM	Min.	Nom.	Max.	Min.	Nom.	Max.	Min.	Nom.	Max.				
2MXS50H2V1B	1.5	1.50	---	1.22	1.50	1.22	0.28	0.29	0.41	1.3	1.4	2.0	91	5.17	A	145
	2.0	2.00	---	1.30	2.00	1.30	0.30	0.39	0.58	1.4	1.9	2.8	91	5.13	A	195
	2.5	2.50	---	1.30	2.50	1.30	0.30	0.56	0.80	1.4	2.7	3.8	91	4.46	A	280
	3.5	3.50	---	1.30	3.50	1.30	0.30	0.94	1.24	1.4	4.5	5.9	91	3.72	A	470
	4.2	4.20	---	1.60	4.20	1.60	0.32	1.38	1.85	1.5	6.6	8.8	91	3.04	B	690
	5.0	5.00	---	1.60	5.00	1.60	0.32	1.94	2.07	1.5	9.3	9.9	91	2.58	E	970
	1.5+1.5	1.50	1.50	1.88	3.00	1.88	0.33	0.55	0.58	1.6	2.6	2.8	91	5.45	A	275
	1.5+2.0	1.50	2.00	1.88	3.50	1.88	0.32	0.67	0.75	1.5	3.2	3.6	91	5.22	A	335
	1.5+2.5	1.50	2.50	1.88	4.00	1.88	0.32	0.87	0.97	1.5	4.2	4.6	91	4.60	A	435
	1.5+3.5	1.50	3.50	1.88	5.00	1.88	0.32	1.35	1.35	1.5	6.5	6.5	91	3.70	A	675
	1.5+4.2	1.32	3.68	1.95	5.00	1.95	0.34	1.35	1.67	1.6	6.5	8.0	91	3.70	A	675
	1.5+5.0	1.15	3.85	1.95	5.00	1.95	0.34	1.35	1.81	1.6	6.5	8.6	91	3.70	A	675
	2.0+2.0	2.00	2.00	1.95	4.00	1.95	0.34	0.87	1.36	1.6	4.2	6.5	91	4.60	A	435
	2.0+2.5	2.00	2.50	1.95	4.50	1.95	0.34	1.07	1.45	1.6	5.1	6.9	91	4.21	A	535
	2.0+3.5	1.82	3.18	1.95	5.00	1.95	0.34	1.35	1.62	1.6	6.5	7.7	91	3.70	A	675
	2.0+4.2	1.61	3.39	1.95	5.00	1.95	0.34	1.34	1.73	1.6	6.4	8.3	91	3.73	A	670
	2.0+5.0	1.43	3.57	1.95	5.00	1.95	0.34	1.31	1.71	1.6	6.3	8.2	91	3.82	A	655
	2.5+2.5	2.50	2.50	1.95	5.00	1.95	0.34	1.38	1.61	1.6	6.6	7.7	91	3.62	A	690
	2.5+3.5	2.08	2.92	1.95	5.00	1.95	0.34	1.34	1.61	1.6	6.4	7.7	91	3.73	A	670
	2.5+4.2	1.87	3.13	1.95	5.00	1.95	0.34	1.33	1.72	1.6	6.4	8.2	91	3.76	A	665
	2.5+5.0	1.67	3.33	1.95	5.00	1.95	0.34	1.30	1.70	1.6	6.2	8.1	91	3.85	A	650
	3.5+3.5	2.50	2.50	1.98	5.00	1.98	0.34	1.29	1.55	1.6	6.2	7.4	91	3.88	A	645
	3.5+4.2	2.27	2.73	1.98	5.00	1.98	0.34	1.28	1.65	1.6	6.1	7.9	91	3.91	A	640
	3.5+5.0	2.06	2.94	1.98	5.00	1.98	0.34	1.27	1.62	1.6	6.1	7.7	91	3.94	A	635
	4.2+4.2	2.50	2.50	1.98	5.00	1.98	0.34	1.27	1.62	1.6	6.1	7.7	91	3.94	A	635

HEATING

OUTDOOR UNIT	INDOOR UNIT	HEATING CAPACITY (kW)		TOTAL CAPACITY (kW)			POWER INPUT COOLING (kW)			TOTAL CURRENT (A)			POWER FACTOR (%)	COP	ENERGY LABEL
		A ROOM	B ROOM	Min.	Nom.	Max.	Min.	Nom.	Max.	Min.	Nom.	Max.			
2MXU50HV1B	1.5	2.60	---	1.15	2.60	3.27	0.24	0.67	0.92	1.1	3.2	4.4	91	3.88	A
	2.0	3.00	---	1.16	3.00	3.70	0.24	0.81	1.12	1.1	3.9	5.4	91	3.70	A
	2.5	3.40	---	1.16	3.40	4.10	0.24	0.97	1.30	1.1	4.6	6.2	91	3.51	B
	3.5	4.00	---	1.16	4.00	4.60	0.24	1.24	1.52	1.1	5.9	7.3	91	3.23	C
	4.2	4.70	---	1.16	4.70	5.10	0.22	1.49	1.73	1.1	7.1	8.3	91	3.15	D
	5.0	5.40	---	1.28	5.40	5.60	0.23	1.77	2.01	1.1	8.5	9.6	91	3.05	D
	1.5+1.5	1.99	1.99	1.17	3.97	4.54	0.22	0.95	1.20	1.1	4.5	5.7	91	4.18	A
	1.5+2.0	1.90	2.53	1.17	4.43	4.89	0.22	1.08	1.29	1.1	5.2	6.2	91	4.10	A
	1.5+2.5	1.81	3.02	1.17	4.83	5.19	0.23	1.16	1.39	1.1	5.5	6.6	91	4.16	A
	1.5+3.5	1.64	3.82	1.17	5.46	5.70	0.23	1.39	1.60	1.1	6.6	7.6	91	3.93	A
	1.5+4.2	1.50	4.20	1.17	5.70	5.96	0.24	1.41	1.53	1.1	6.7	7.3	91	4.04	A
	1.5+5.0	1.32	4.38	1.17	5.70	6.16	0.24	1.44	1.62	1.1	6.9	7.7	91	3.96	A
	2.0+2.0	2.65	2.65	1.18	5.30	5.70	0.23	1.34	1.51	1.1	6.4	7.2	91	3.96	A
	2.0+2.5	2.44	3.06	1.18	5.50	5.80	0.23	1.37	1.52	1.1	6.5	7.3	91	4.01	A
	2.0+3.5	2.04	3.56	1.24	5.60	5.90	0.24	1.39	1.55	1.1	6.6	7.4	91	4.03	A
	2.0+4.2	1.84	3.86	1.25	5.70	6.00	0.25	1.35	1.50	1.2	6.5	7.2	91	4.22	A
	2.0+5.0	1.63	4.07	1.29	5.70	6.20	0.25	1.38	1.55	1.2	6.6	7.4	91	4.13	A
	2.5+2.5	2.80	2.80	1.18	5.60	5.80	0.23	1.42	1.52	1.1	6.8	7.3	91	3.94	A
	2.5+3.5	2.38	3.32	1.24	5.70	6.00	0.25	1.41	1.58	1.2	6.7	7.5	91	4.04	A
	2.5+4.2	2.13	3.57	1.25	5.70	6.10	0.25	1.36	1.51	1.2	6.5	7.2	91	4.19	A
	2.5+5.0	1.90	3.80	1.35	5.70	6.30	0.26	1.35	1.56	1.2	6.5	7.5	91	4.22	A
	3.5+3.5	2.85	2.85	1.30	5.70	6.10	0.25	1.46	1.63	1.2	7.0	7.8	91	3.90	A
	3.5+4.2	2.59	3.11	1.31	5.70	6.20	0.26	1.38	1.51	1.2	6.6	7.2	91	4.13	A
	3.5+5.0	2.35	3.35	1.35	5.70	6.40	0.27	1.38	1.56	1.3	6.6	7.5	91	4.13	A
	4.2+4.2	2.85	2.85	1.32	5.70	6.30	0.23	1.31	1.50	1.1	6.3	7.2	91	4.35	A

Notes: 1. Cooling capacity is based on 27°CDB/19°CWB (Indoor temperature). 35°CDB (Outdoor temperature).
Heating capacity is based on 20°CDB (Indoor temperature). 7°CDB/6°CWB (Outdoor temperature).
2. The total ability of connected a indoor unit is up to 8.5kW.
3. It is impossible to connect the indoor unit for one room only.
4. The above is the value for connecting with the following indoor units.
1.5. 2.0. 2.5. 3.5 kW class; wall mounted K series
4.2. 5.0 kW class; wall mounted J series

* This page contains preliminary data

COOLING

OUTDOOR UNIT	INDOOR UNIT	COOLING CAPACITY (kW)				TOTAL CAPACITY (kW)			POWER INPUT COOLING (kW)			TOTAL CURRENT (A)			POWER FACTOR (%)	EER	ENERGY LABEL	AEC (kWh)
		A ROOM	B ROOM	C ROOM	D ROOM	Min.	Nom.	Max.	Min.	Nom.	Max.	Min.	Nom.	Max.				
3MXS40K2V1B	1.5	1.50	---	---	---	1.38	1.50	2.10	0.34	0.34	0.48	1.5	1.5	2.2	96	4.41	A	170
	2.0	2.00	---	---	---	1.41	2.00	2.84	0.34	0.46	0.74	1.5	2.1	3.4	96	4.35	A	230
	2.5	2.50	---	---	---	1.41	2.50	3.12	0.34	0.62	0.88	1.5	2.8	3.9	97	4.03	A	310
	3.5	3.50	---	---	---	1.41	3.50	4.18	0.34	0.97	1.29	1.5	4.3	5.7	98	3.61	A	485
	1.5+1.5	1.50	1.50	---	---	1.78	3.00	4.20	0.35	0.63	1.12	1.6	2.8	5.0	98	4.76	A	315
	1.5+2.0	1.50	2.00	---	---	1.78	3.50	4.20	0.35	0.80	1.12	1.5	3.5	4.9	99	4.38	A	400
	1.5+2.5	1.50	2.50	---	---	1.78	4.00	4.20	0.35	0.98	1.12	1.5	4.3	4.9	99	4.08	A	490
	1.5+3.5	1.20	2.80	---	---	1.78	4.00	4.21	0.35	0.98	1.12	1.5	4.3	4.9	99	4.08	A	490
	2.0+2.0	2.00	2.00	---	---	1.88	4.00	4.54	0.35	0.95	1.12	1.5	4.2	4.9	99	4.21	A	475
	2.0+2.5	1.78	2.22	---	---	1.88	4.00	4.54	0.35	0.95	1.12	1.5	4.2	4.9	99	4.21	A	475
	2.0+3.5	1.45	2.55	---	---	1.88	4.00	4.55	0.35	0.95	1.09	1.5	4.2	4.8	99	4.21	A	475
	2.5+2.5	2.00	2.00	---	---	1.88	4.00	4.54	0.35	0.95	1.12	1.5	4.2	4.9	99	4.21	A	475
	2.5+3.5	1.67	2.33	---	---	1.88	4.00	4.54	0.35	0.95	1.12	1.5	4.2	4.9	99	4.21	A	475
	3.5+3.5	2.00	2.00	---	---	1.88	4.00	4.58	0.35	0.95	1.12	1.5	4.2	4.9	99	4.21	A	475
	1.5+1.5+1.5	1.33	1.33	1.33	---	1.80	4.00	4.60	0.35	0.83	0.98	1.5	3.6	4.3	99	4.82	A	415
	1.5+1.5+2.0	1.20	1.20	1.60	---	1.80	4.00	4.60	0.35	0.84	0.98	1.5	3.7	4.3	99	4.76	A	420
	1.5+1.5+2.5	1.09	1.09	1.82	---	1.80	4.00	4.60	0.35	0.84	0.98	1.5	3.7	4.3	99	4.76	A	420
	1.5+1.5+3.5	0.92	0.92	2.15	---	1.80	4.00	4.60	0.37	0.84	0.98	1.6	3.7	4.3	99	4.76	A	420
	1.5+2.0+2.0	1.09	1.45	1.45	---	1.80	4.00	4.60	0.35	0.84	0.98	1.5	3.7	4.3	99	4.76	A	420
	1.5+2.0+2.5	1.00	1.33	1.67	---	1.80	4.00	4.60	0.35	0.84	0.98	1.5	3.7	4.3	99	4.76	A	420
	1.5+2.0+3.5	0.86	1.14	2.00	---	1.80	4.00	4.60	0.37	0.84	0.98	1.6	3.7	4.3	99	4.76	A	420
	1.5+2.5+2.5	0.92	1.54	1.54	---	1.80	4.00	4.60	0.37	0.84	0.98	1.6	3.7	4.3	99	4.76	A	420
	2.0+2.0+2.0	1.33	1.33	1.33	---	1.86	4.00	4.60	0.35	0.81	0.98	1.5	3.6	4.3	99	4.94	A	405
	2.0+2.0+2.5	1.23	1.23	1.54	---	1.86	4.00	4.60	0.35	0.81	0.98	1.5	3.6	4.3	99	4.94	A	405
	2.0+2.5+2.5	1.14	1.43	1.43	---	1.95	4.00	4.60	0.37	0.81	0.98	1.6	3.6	4.3	99	4.94	A	405

HEATING

OUTDOOR UNIT	INDOOR UNIT	HEATING CAPACITY (kW)				TOTAL CAPACITY (kW)			POWER INPUT COOLING (kW)			TOTAL CURRENT (A)			POWER FACTOR (%)	COP	ENERGY LABEL
		A ROOM	B ROOM	C ROOM	D ROOM	Min.	Nom.	Max.	Min.	Nom.	Max.	Min.	Nom.	Max.			
3MXS40K2V1B	1.5	2.27	---	---	---	1.19	2.27	2.64	0.30	0.58	0.79	1.4	2.6	3.6	96	3.91	A
	2.0	2.72	---	---	---	1.21	2.72	3.75	0.30	0.72	1.20	1.4	3.3	5.4	96	3.78	A
	2.5	3.40	---	---	---	1.21	3.40	4.00	0.30	0.99	1.26	1.3	4.4	5.6	97	3.43	B
	3.5	4.20	---	---	---	1.21	4.20	4.82	0.30	1.39	1.68	1.3	6.2	7.5	98	3.02	D
	1.5+1.5	2.30	2.30	---	---	1.22	4.60	5.00	0.30	1.11	1.29	1.4	4.9	5.7	99	4.14	A
	1.5+2.0	1.97	2.63	---	---	1.22	4.60	5.00	0.31	1.11	1.29	1.4	4.9	5.7	99	4.14	A
	1.5+2.5	1.73	2.88	---	---	1.22	4.60	5.00	0.31	1.10	1.29	1.4	4.8	5.7	99	4.18	A
	1.5+3.5	1.38	3.22	---	---	1.25	4.60	5.02	0.31	1.10	1.29	1.4	4.8	5.7	99	4.18	A
	2.0+2.0	2.30	2.30	---	---	1.28	4.60	5.00	0.31	1.11	1.29	1.4	4.9	5.7	99	4.14	A
	2.0+2.5	2.04	2.56	---	---	1.28	4.60	5.00	0.31	1.10	1.29	1.4	4.8	5.7	99	4.18	A
	2.0+3.5	1.67	2.93	---	---	1.34	4.60	5.02	0.31	1.10	1.29	1.4	4.8	5.7	99	4.18	A
	2.5+2.5	2.30	2.30	---	---	1.28	4.60	5.00	0.31	1.10	1.29	1.4	4.8	5.7	99	4.18	A
	2.5+3.5	1.92	2.68	---	---	1.34	4.60	5.02	0.31	1.10	1.29	1.4	4.8	5.7	99	4.18	A
	3.5+3.5	2.30	2.30	---	---	1.40	4.60	5.04	0.31	1.10	1.28	1.4	4.8	5.6	99	4.18	A
	1.5+1.5+1.5	1.53	1.53	1.53	---	1.32	4.60	5.00	0.32	0.91	1.02	1.4	4.0	4.5	99	5.05	A
	1.5+1.5+2.0	1.38	1.38	1.84	---	1.32	4.60	5.07	0.32	0.91	1.02	1.4	4.0	4.5	99	5.05	A
	1.5+1.5+2.5	1.25	1.25	2.09	---	1.32	4.60	5.07	0.32	0.91	1.02	1.4	4.0	4.5	99	5.05	A
	1.5+1.5+3.5	1.06	1.06	2.48	---	1.32	4.60	5.09	0.32	0.91	1.01	1.4	4.0	4.4	99	5.05	A
	1.5+2.0+2.0	1.25	1.67	1.67	---	1.32	4.60	5.07	0.32	0.91	1.02	1.4	4.0	4.5	99	5.05	A
	1.5+2.0+2.5	1.15	1.53	1.92	---	1.33	4.60	5.07	0.32	0.91	1.02	1.4	4.0	4.5	99	5.05	A
	1.5+2.0+3.5	0.99	1.31	2.30	---	1.33	4.60	5.09	0.32	0.91	1.01	1.4	4.0	4.4	99	5.05	A
	1.5+2.5+2.5	1.06	1.77	1.77	---	1.33	4.60	5.07	0.32	0.91	1.02	1.4	4.0	4.5	99	5.05	A
	2.0+2.0+2.0	1.53	1.53	1.53	---	1.34	4.60	5.07	0.32	0.91	1.02	1.4	4.0	4.5	99	5.05	A
	2.0+2.0+2.5	1.42	1.42	1.77	---	1.34	4.60	5.07	0.32	0.91	1.02	1.4	4.0	4.5	99	5.05	A
	2.0+2.5+2.5	1.31	1.64	1.64	---	1.45	4.60	5.07	0.32	0.91	1.02	1.4	4.0	4.5	99	5.05	A

Notes: 1. Cooling capacity is based on 27°CDB/19°CWB (Indoor temperature). 35°CDB (Outdoor temperature).
Heating capacity is based on 20°CDB (Indoor temperature). 7°CDB/6°CWB (Outdoor temperature).
2. The total ability of connected a indoor unit is up to 7.0kW.
3. It is impossible to connect the indoor unit for one room only.
4. The above is the value for connecting with the following indoor units.
1.5. 2.0. 2.5. 3.5. kW class; wall mounted K series

* This page contains preliminary data

COOLING

OUTDOOR UNIT	INDOOR UNIT	COOLING CAPACITY (kW)				TOTAL CAPACITY (kW)			POWER INPUT COOLING (kW)			TOTAL CURRENT (A)			POWER FACTOR (%)	EER	ENERGY LABEL	AEC (kWh)
		A ROOM	B ROOM	C ROOM	D ROOM	Min.	Nom.	Max.	Min.	Nom.	Max.	Min.	Nom.	Max.				
3MXS52E3V1B	1.5	1.50	---	---	---	1.38	1.50	2.10	0.35	0.39	0.46	1.6	1.8	2.1	96	3.85	A	195
	2.0	2.00	---	---	---	1.41	2.00	2.84	0.35	0.46	0.74	1.6	2.1	3.4	96	4.35	A	230
	2.5	2.50	---	---	---	1.41	2.50	3.12	0.35	0.62	0.88	1.6	2.8	3.9	97	4.03	A	310
	3.5	3.50	---	---	---	1.41	3.50	4.18	0.35	0.97	1.29	1.6	4.3	5.7	98	3.61	A	485
	4.2	4.20	---	---	---	1.76	4.20	4.70	0.35	1.24	1.64	1.6	5.5	7.3	98	3.39	A	620
	5.0	---	---	5.00	---	1.79	5.00	5.40	0.35	1.75	2.03	1.5	7.7	8.9	99	2.86	C	875
	1.5+1.5	1.50	1.50	---	---	1.88	3.00	4.72	0.35	0.61	1.30	1.5	2.7	5.7	99	4.92	A	305
	1.5+2.0	1.50	2.00	---	---	1.88	3.50	4.72	0.35	0.77	1.30	1.5	3.4	5.7	99	4.55	A	385
	1.5+2.5	1.50	2.50	---	---	1.88	4.00	5.68	0.35	0.95	1.91	1.5	4.2	8.4	99	4.21	A	475
	1.5+3.5	1.50	3.50	---	---	1.88	5.00	5.99	0.35	1.45	2.17	1.5	6.4	9.5	99	3.45	A	725
	1.5+4.2	1.37	3.83	---	---	1.88	5.20	6.08	0.35	1.55	2.25	1.5	6.8	9.9	99	3.35	A	775
	1.5+5.0	1.20	---	4.00	---	1.88	5.20	6.29	0.35	1.46	2.27	1.5	6.4	10.0	99	3.56	A	730
	2.0+2.0	2.00	2.00	---	---	1.88	4.00	5.96	0.35	0.95	1.91	1.5	4.2	8.4	99	4.21	A	475
	2.0+2.5	2.00	2.50	---	---	1.88	4.50	6.23	0.35	1.18	2.14	1.5	5.2	9.4	99	3.81	A	590
	2.0+3.5	1.89	3.31	---	---	1.88	5.20	6.24	0.35	1.55	2.07	1.5	6.8	9.1	99	3.35	A	775
	2.0+4.2	1.68	3.52	---	---	1.88	5.20	6.25	0.35	1.55	2.07	1.5	6.8	9.1	99	3.35	A	775
	2.0+5.0	1.49	---	3.71	---	1.88	5.20	6.47	0.35	1.42	2.15	1.5	6.2	9.4	99	3.66	A	710
	2.5+2.5	2.50	2.50	---	---	1.88	5.00	6.23	0.35	1.45	2.14	1.5	6.4	9.4	99	3.45	A	725
	2.5+3.5	2.17	3.03	---	---	1.88	5.20	6.35	0.35	1.55	2.25	1.5	6.8	9.9	99	3.35	A	775
	2.5+4.2	1.94	3.26	---	---	1.88	5.20	6.36	0.35	1.55	2.25	1.5	6.8	9.9	99	3.35	A	775
	2.5+5.0	1.73	---	3.47	---	1.88	5.20	6.47	0.35	1.42	2.07	1.5	6.2	9.1	99	3.66	A	710
	3.5+3.5	2.60	2.60	---	---	1.88	5.20	6.40	0.35	1.55	2.25	1.5	6.8	9.9	99	3.35	A	775
	3.5+4.2	2.36	2.84	---	---	1.88	5.20	6.41	0.35	1.55	2.25	1.5	6.8	9.9	99	3.35	A	775
	3.5+5.0	2.14	---	3.06	---	1.88	5.21	6.49	0.35	1.42	2.09	1.5	6.2	9.2	99	3.67	A	710
	4.2+4.2	2.60	2.60	---	---	1.88	5.20	6.42	0.35	1.55	2.25	1.5	6.8	9.9	99	3.35	A	775
	1.5+1.5+1.5	1.50	1.50	1.50	---	1.86	4.50	6.71	0.35	0.97	2.16	1.5	4.3	9.5	99	4.64	A	485
	1.5+1.5+2.0	1.50	1.50	2.00	---	1.86	5.00	6.71	0.35	1.18	2.16	1.5	5.2	9.5	99	4.24	A	590
	1.5+1.5+2.5	1.42	1.42	2.36	---	1.86	5.20	6.71	0.35	1.24	2.16	1.5	5.4	9.5	99	4.19	A	620
	1.5+1.5+3.5	1.20	1.20	2.80	---	1.95	5.20	6.72	0.35	1.24	2.16	1.5	5.4	9.5	99	4.19	A	620
	1.5+1.5+4.2	1.08	1.08	3.03	---	1.95	5.19	6.73	0.35	1.24	2.16	1.5	5.4	9.5	99	4.19	A	620
	1.5+1.5+5.0	0.98	0.98	3.25	---	2.11	5.21	6.90	0.35	1.21	2.17	1.5	5.3	9.5	99	4.31	A	605
	1.5+2.0+2.0	1.42	1.89	1.89	---	1.86	5.20	6.71	0.35	1.24	2.16	1.5	5.4	9.5	99	4.19	A	620
	1.5+2.0+2.5	1.30	1.73	2.17	---	1.86	5.20	6.71	0.35	1.24	2.16	1.5	5.4	9.5	99	4.19	A	620
	1.5+2.0+3.5	1.11	1.49	2.60	---	1.95	5.20	6.72	0.35	1.24	2.16	1.5	5.4	9.5	99	4.19	A	620
	1.5+2.0+4.2	1.01	1.35	2.84	---	1.95	5.20	6.73	0.35	1.24	2.16	1.5	5.4	9.5	99	4.19	A	620
	1.5+2.0+5.0	0.92	1.22	3.06	---	2.11	5.20	6.90	0.35	1.21	2.17	1.5	5.3	9.5	99	4.30	A	605
	1.5+2.5+2.5	1.20	2.00	2.00	---	1.86	5.20	6.71	0.35	1.24	2.16	1.5	5.4	9.5	99	4.19	A	620
	1.5+2.5+3.5	1.04	1.73	2.43	---	1.95	5.20	6.72	0.35	1.24	2.16	1.5	5.4	9.5	99	4.19	A	620
	1.5+2.5+4.2	0.95	1.59	2.66	---	1.95	5.20	6.73	0.35	1.24	2.16	1.5	5.4	9.5	99	4.19	A	620
	1.5+2.5+5.0	0.87	1.44	2.89	---	2.11	5.20	6.90	0.35	1.21	2.17	1.5	5.3	9.5	99	4.30	A	605
	1.5+3.5+3.5	0.92	2.14	2.14	---	1.86	5.20	6.73	0.35	1.24	2.16	1.5	5.4	9.5	99	4.19	A	620
	2.0+2.0+2.0	1.73	1.73	1.73	---	1.86	5.19	7.04	0.35	1.24	2.16	1.5	5.4	9.5	99	4.19	A	620
	2.0+2.0+2.5	1.60	1.60	1.99	---	1.86	5.19	7.04	0.35	1.24	2.16	1.5	5.4	9.5	99	4.19	A	620
	2.0+2.0+3.5	1.38	1.38	2.43	---	1.95	5.19	7.06	0.37	1.24	2.16	1.6	5.4	9.5	99	4.19	A	620
	2.0+2.0+4.2	1.27	1.27	2.66	---	1.95	5.20	7.07	0.37	1.24	2.16	1.6	5.4	9.5	99	4.19	A	620
	2.0+2.0+5.0	1.16	1.16	2.88	---	2.11	5.20	7.30	0.38	1.22	2.26	1.7	5.4	9.9	99	4.26	A	610
	2.0+2.5+2.5	1.49	1.85	1.85	---	1.86	5.19	7.04	0.35	1.24	2.16	1.5	5.4	9.5	99	4.19	A	620
	2.0+2.5+3.5	1.30	1.63	2.27	---	1.95	5.20	7.06	0.37	1.24	2.16	1.6	5.4	9.5	99	4.19	A	620
	2.0+2.5+4.2	1.20	1.49	2.51	---	1.95	5.20	7.07	0.37	1.24	2.16	1.6	5.4	9.5	99	4.19	A	620
	2.0+3.5+3.5	1.16	2.02	2.02	---	1.95	5.20	7.07	0.37	1.24	2.16	1.6	5.4	9.5	99	4.19	A	620
	2.5+2.5+2.5	1.73	1.73	1.73	---	1.95	5.19	7.04	0.37	1.24	2.16	1.6	5.4	9.5	99	4.19	A	620
	2.5+2.5+3.5	1.53	1.53	2.14	---	1.95	5.20	7.06	0.37	1.23	2.16	1.6	5.4	9.5	99	4.23	A	615

Notes: 1. Cooling capacity is based on 27°CDB/19°CWB (Indoor temperature). 35°CDB (Outdoor Temperature).
Heating capacity is based on 20°CDB (Indoor temperature). 7°DB/6°CWB (Outdoor temperature).
2. The total ability of connected a indoor unit is up to 9.0kW.
3. It is impossible to connect the indoor unit for one room only.
4. The above is the value for connecting with the following indoor units.
1.5. 2.0. 2.5. 3.5 kW class; wall mounted K series
4.2. 5.0 kW class; wall mounted J series

* This page contains preliminary data

HEATING

OUTDOOR UNIT	INDOOR UNIT	HEATING CAPACITY (kW)				TOTAL CAPACITY (kW)			POWER INPUT COOLING (kW)			TOTAL CURRENT (A)			POWER FACTOR (%)	COP	ENERGY LABEL
		A ROOM	B ROOM	C ROOM	D ROOM	Min.	Nom.	Max.	Min.	Nom.	Max.	Min.	Nom.	Max.			
3MXS52E3V1B	1.5	2.27	---	---	---	1.21	2.27	2.77	0.30	0.58	0.75	1.4	2.6	3.4	96	3.91	A
	2.0	2.72	---	---	---	1.21	2.72	3.75	0.30	0.72	1.20	1.4	3.3	5.4	96	3.78	A
	2.5	3.40	---	---	---	1.21	3.40	4.00	0.30	0.99	1.26	1.3	4.4	5.6	97	3.43	B
	3.5	4.20	---	---	---	1.21	4.20	4.82	0.30	1.39	1.68	1.3	6.2	7.5	98	3.02	D
	4.2	4.70	---	---	---	1.21	4.70	5.87	0.30	1.70	2.40	1.3	7.5	10.6	98	2.76	E
	5.0	---	---	5.80	---	1.33	5.80	6.79	0.30	2.16	2.59	1.3	9.5	11.4	99	2.69	E
	1.5+1.5	1.81	1.81	---	---	1.28	3.62	5.81	0.31	0.81	1.64	1.4	3.6	7.2	99	4.47	A
	1.5+2.0	1.74	2.33	---	---	1.28	4.07	5.81	0.31	0.94	1.64	1.4	4.1	7.2	99	4.33	A
	1.5+2.5	1.70	2.83	---	---	1.28	4.53	6.93	0.31	1.07	2.28	1.4	4.7	10.0	99	4.23	A
	1.5+3.5	1.63	3.79	---	---	1.28	5.42	6.96	0.31	1.37	2.28	1.4	6.0	10.0	99	3.96	A
	1.5+4.2	1.59	4.46	---	---	1.28	6.05	6.98	0.31	1.64	2.27	1.4	7.2	10.0	99	3.69	A
	1.5+5.0	1.56	---	5.21	---	1.27	6.77	7.20	0.31	1.83	2.32	1.4	8.0	10.2	99	3.70	A
	2.0+2.0	3.05	3.05	---	---	1.28	6.10	7.00	0.31	1.70	2.28	1.4	7.5	10.0	99	3.59	B
	2.0+2.5	2.78	3.47	---	---	1.28	6.25	7.00	0.31	1.75	2.28	1.4	7.7	10.0	99	3.57	B
	2.0+3.5	2.38	4.17	---	---	1.34	6.55	7.04	0.31	1.86	2.28	1.4	8.2	10.0	99	3.52	B
	2.0+4.2	2.16	4.54	---	---	1.34	6.70	7.05	0.31	1.93	2.27	1.4	8.5	10.0	99	3.47	B
	2.0+5.0	1.94	---	4.86	---	1.39	6.80	7.20	0.31	1.87	2.32	1.4	8.2	10.2	99	3.64	A
	2.5+2.5	3.25	3.25	---	---	1.28	6.50	7.00	0.31	1.86	2.31	1.4	8.2	10.1	99	3.49	B
	2.5+3.5	2.79	3.91	---	---	1.34	6.70	7.19	0.31	1.93	2.36	1.4	8.5	10.4	99	3.47	B
	2.5+4.2	2.54	4.26	---	---	1.34	6.80	7.21	0.31	1.93	2.35	1.4	8.5	10.3	99	3.52	B
	2.5+5.0	2.27	---	4.53	---	1.45	6.80	7.35	0.31	1.87	2.32	1.4	8.2	10.2	99	3.64	A
	3.5+3.5	3.40	3.40	---	---	1.40	6.80	7.22	0.31	1.97	2.35	1.4	8.7	10.3	99	3.45	B
	3.5+4.2	3.09	3.71	---	---	1.40	6.80	7.24	0.31	1.97	2.35	1.4	8.7	10.3	99	3.45	B
	3.5+5.0	2.80	---	4.00	---	1.45	6.80	7.50	0.31	1.83	2.31	1.4	8.0	10.1	99	3.72	A
	4.2+4.2	3.40	3.40	---	---	1.40	6.80	7.26	0.31	1.96	2.34	1.4	8.6	10.3	99	3.47	B
	1.5+1.5+1.5	1.66	1.66	1.66	---	1.34	4.98	8.02	0.32	1.02	2.14	1.4	4.5	9.4	99	4.88	A
	1.5+1.5+2.0	1.63	1.63	2.17	---	1.34	5.43	8.02	0.32	1.12	2.14	1.4	4.9	9.4	99	4.85	A
	1.5+1.5+2.5	1.60	1.60	2.67	---	1.34	5.87	8.02	0.32	1.26	2.14	1.4	5.5	9.4	99	4.66	A
	1.5+1.5+3.5	1.56	1.56	3.65	---	1.45	6.77	8.05	0.32	1.56	2.14	1.4	6.9	9.4	99	4.34	A
	1.5+1.5+4.2	1.42	1.42	3.96	---	1.45	6.80	8.06	0.32	1.56	2.14	1.4	6.9	9.4	99	4.36	A
	1.5+1.5+5.0	1.28	1.28	4.24	---	1.67	6.80	8.27	0.32	1.64	2.11	1.4	7.2	9.3	99	4.15	A
	1.5+2.0+2.0	1.60	2.13	2.13	---	1.34	5.86	8.02	0.32	1.26	2.14	1.4	5.5	9.4	99	4.65	A
	1.5+2.0+2.5	1.58	2.11	2.63	---	1.34	6.32	8.02	0.32	1.41	2.14	1.4	6.2	9.4	99	4.48	A
	1.5+2.0+3.5	1.46	1.94	3.40	---	1.45	6.80	8.05	0.32	1.56	2.14	1.4	6.9	9.4	99	4.36	A
	1.5+2.0+4.2	1.32	1.77	3.71	---	1.45	6.80	8.06	0.32	1.56	2.14	1.4	6.9	9.4	99	4.36	A
	1.5+2.0+5.0	1.20	1.60	4.00	---	1.67	6.80	8.27	0.32	1.64	2.11	1.4	7.2	9.3	99	4.15	A
	1.5+2.5+2.5	1.56	2.60	2.60	---	1.34	6.76	8.02	0.32	1.57	2.14	1.4	6.9	9.4	99	4.31	A
	1.5+2.5+3.5	1.36	2.27	3.17	---	1.45	6.80	8.05	0.32	1.56	2.14	1.4	6.9	9.4	99	4.36	A
	1.5+2.5+4.2	1.24	2.07	3.48	---	1.45	6.79	8.06	0.32	1.56	2.14	1.4	6.9	9.4	99	4.35	A
	1.5+2.5+5.0	1.13	1.89	3.78	---	1.67	6.80	8.27	0.32	1.64	2.11	1.4	7.2	9.3	99	4.15	A
	1.5+3.5+3.5	1.20	2.80	2.80	---	1.34	6.80	8.08	0.32	1.56	2.14	1.4	6.9	9.4	99	4.36	A
	2.0+2.0+2.0	2.26	2.26	2.26	---	1.34	6.78	8.02	0.32	1.57	2.14	1.4	6.9	9.4	99	4.32	A
	2.0+2.0+2.5	2.09	2.09	2.60	---	1.34	6.78	8.02	0.32	1.57	2.14	1.4	6.9	9.4	99	4.32	A
	2.0+2.0+3.5	1.80	1.80	3.18	---	1.45	6.78	8.05	0.32	1.56	2.14	1.4	6.9	9.4	99	4.35	A
	2.0+2.0+4.2	1.66	1.66	3.48	---	1.45	6.80	8.06	0.32	1.56	2.14	1.4	6.9	9.4	99	4.36	A
	2.0+2.0+5.0	1.51	1.51	3.78	---	1.67	6.80	8.27	0.32	1.64	2.11	1.4	7.2	9.3	99	4.15	A
	2.0+2.5+2.5	1.94	2.42	2.42	---	1.34	6.78	8.02	0.32	1.57	2.14	1.4	6.9	9.4	99	4.32	A
	2.0+2.5+3.5	1.70	2.13	2.97	---	1.57	6.80	8.05	0.32	1.56	2.14	1.4	6.9	9.4	99	4.36	A
	2.0+2.5+4.2	1.56	1.95	3.28	---	1.56	6.80	8.06	0.32	1.56	2.14	1.4	6.9	9.4	99	4.36	A
	2.0+3.5+3.5	1.52	2.64	2.64	---	1.56	6.80	8.08	0.32	1.56	2.14	1.4	6.9	9.4	99	4.36	A
	2.5+2.5+2.5	2.26	2.26	2.26	---	1.45	6.78	8.02	0.32	1.57	2.14	1.4	6.9	9.4	99	4.32	A
	2.5+2.5+3.5	2.00	2.00	2.80	---	1.57	6.80	8.05	0.32	1.56	2.14	1.4	6.9	9.4	99	4.36	A

Notes: 1. Cooling capacity is based on 27°CDB/19°CWB (Indoor temperature). 35°CDB (Outdoor Temperature).
Heating capacity is based on 20°CDB (Indoor temperature). 7°DB/6°CWB (Outdoor temperature).
2. The total ability of connected a indoor unit is up to 9.0kW.
3. It is impossible to connect the indoor unit for one room only.
4. The above is the value for connecting with the following indoor units.
1.5. 2.0. 2.5. 3.5 kW class; wall mounted K series
4.2. 5.0 kW class; wall mounted J series

* This page contains preliminary data

COOLING

OUTDOOR UNIT	INDOOR UNIT	COOLING CAPACITY (kW)				TOTAL CAPACITY (kW)			POWER INPUT COOLING (kW)			TOTAL CURRENT (A)			POWER FACTOR (%)	EER	ENERGY LABEL	AEC (kWh)
		A ROOM	B ROOM	C ROOM	D ROOM	Min.	Nom.	Max.	Min.	Nom.	Max.	Min.	Nom.	Max.				
3MXS68G2V1B	1.5	1.50	---	---	---	1.43	1.50	2.46	0.42	0.46	0.55	1.9	2.1	2.5	96	3.26	A	230
	2.0	2.00	---	---	---	1.57	2.00	2.63	0.42	0.46	0.62	1.9	2.1	2.8	96	4.35	A	230
	2.5	2.50	---	---	---	1.57	2.50	3.37	0.44	0.58	0.85	2.0	2.6	3.8	96	4.31	A	290
	3.5	3.50	---	---	---	1.57	3.50	4.76	0.45	0.89	1.47	2.0	3.9	6.5	98	3.93	A	445
	4.2	4.20	---	---	---	1.95	4.20	5.02	0.47	1.21	1.62	2.1	5.4	7.2	98	3.47	A	605
	5.0	5.00	---	---	---	1.96	5.00	5.91	0.45	1.71	2.20	2.0	7.5	9.7	99	2.92	C	855
	6.0	6.00	---	---	---	1.96	6.00	6.38	0.44	2.05	2.32	1.9	9.0	10.2	99	2.93	C	1025
	1.5+1.5	1.50	1.50	---	---	1.97	3.00	4.70	0.43	0.65	1.29	1.9	2.9	5.7	99	4.62	A	325
	1.5+2.0	1.50	2.00	---	---	1.97	3.50	4.86	0.43	0.80	1.37	1.9	3.5	6.0	99	4.38	A	400
	1.5+2.5	1.50	2.50	---	---	1.97	4.00	6.04	0.43	0.99	2.04	1.9	4.3	9.0	99	4.04	A	495
	1.5+3.5	1.50	3.50	---	---	1.97	5.00	6.25	0.42	1.39	2.20	1.8	6.1	9.7	99	3.60	A	695
	1.5+4.2	1.50	4.20	---	---	1.97	5.70	6.26	0.42	1.79	2.20	1.8	7.9	9.7	99	3.18	B	895
	1.5+5.0	1.50	5.00	---	---	1.97	6.50	7.06	0.41	2.22	2.60	1.8	9.7	11.4	99	2.93	C	1110
	1.5+6.0	1.36	5.44	---	---	1.98	6.80	7.38	0.40	2.26	2.60	1.8	9.9	11.4	99	3.01	B	1130
	2.0+2.0	2.00	2.00	---	---	1.97	4.00	5.02	0.43	1.00	1.45	1.9	4.4	6.4	99	4.00	A	500
	2.0+2.5	2.00	2.50	---	---	1.97	4.50	5.33	0.43	1.20	1.61	1.9	5.3	7.1	99	3.75	A	600
	2.0+3.5	2.00	3.50	---	---	1.97	5.50	6.18	0.42	1.66	2.15	1.8	7.3	9.4	99	3.31	A	830
	2.0+4.2	2.00	4.20	---	---	1.97	6.20	6.38	0.42	2.09	2.30	1.8	9.2	10.1	99	2.97	C	1045
	2.0+5.0	1.94	4.86	---	---	1.97	6.80	7.12	0.41	2.41	2.65	1.8	10.6	11.6	99	2.82	C	1205
	2.0+6.0	1.70	5.10	---	---	1.98	6.80	7.56	0.40	2.21	2.75	1.8	9.7	12.1	99	3.08	B	1105
	2.5+2.5	2.50	2.50	---	---	1.97	5.00	5.98	0.45	1.46	2.00	2.0	6.4	8.8	99	3.42	A	730
	2.5+3.5	2.50	3.50	---	---	1.97	6.00	6.44	0.43	2.06	2.37	1.9	9.0	10.4	99	2.91	C	1030
	2.5+4.2	2.50	4.20	---	---	1.97	6.70	6.81	0.43	2.54	2.67	1.9	11.2	11.7	99	2.64	D	1270
	2.5+5.0	2.27	4.53	---	---	1.97	6.80	7.23	0.40	2.41	2.75	1.8	10.6	12.1	99	2.82	C	1205
	2.5+6.0	2.00	4.80	---	---	1.98	6.80	7.56	0.38	2.21	2.75	1.7	9.7	12.1	99	3.08	B	1105
	3.5+3.5	3.40	3.40	---	---	1.97	6.80	6.99	0.41	2.51	2.66	1.8	11.0	11.7	99	2.71	D	1255
	3.5+4.2	3.09	3.71	---	---	1.97	6.80	7.10	0.41	2.51	2.76	1.8	11.0	12.1	99	2.71	D	1255
	3.5+5.0	2.80	4.00	---	---	1.97	6.80	7.61	0.38	2.41	3.12	1.7	10.6	13.7	99	2.82	C	1205
	3.5+6.0	2.51	4.29	---	---	2.28	6.80	7.91	0.43	2.21	3.06	1.9	9.7	13.4	99	3.08	B	1105
	4.2+4.2	3.40	3.40	---	---	1.97	6.80	7.00	0.41	2.51	2.66	1.8	11.0	11.7	99	2.71	D	1255
	4.2+5.0	3.10	3.70	---	---	1.97	6.80	7.62	0.38	2.41	3.12	1.7	10.6	13.7	99	2.82	C	1205
	4.2+6.0	2.80	4.00	---	---	2.28	6.80	7.92	0.43	2.21	3.06	1.9	9.7	13.4	99	3.08	B	1105
	5.0+5.0	3.40	3.40	---	---	2.36	6.80	8.06	0.47	2.31	3.35	2.1	10.1	14.7	99	2.94	C	1155
	5.0+6.0	3.09	3.71	---	---	2.49	6.80	8.28	0.48	2.12	3.28	2.1	9.3	14.4	99	3.21	A	1060
	1.5+1.5+1.5	1.50	1.50	1.50	---	1.98	4.50	6.11	0.42	1.03	1.68	1.8	4.5	7.4	99	4.37	A	515
	1.5+1.5+2.0	1.50	1.50	2.00	---	1.98	5.00	6.19	0.42	1.21	1.72	1.8	5.3	7.6	99	4.13	A	605
	1.5+1.5+2.5	1.50	1.50	2.50	---	1.98	5.50	6.74	0.42	1.44	2.03	1.8	6.3	8.9	99	3.82	A	720
	1.5+1.5+3.5	1.50	1.50	3.50	---	1.98	6.50	7.11	0.41	1.94	2.26	1.8	8.5	9.9	99	3.35	A	970
	1.5+1.5+4.2	1.42	1.42	3.97	---	1.98	6.80	7.32	0.41	2.12	2.40	1.8	9.3	10.5	99	3.21	A	1060
	1.5+1.5+5.0	1.28	1.28	4.25	---	1.98	6.80	7.72	0.39	2.02	2.59	1.7	8.9	11.4	99	3.37	A	1010
	1.5+1.5+6.0	1.13	1.13	4.53	---	2.33	6.80	8.04	0.44	1.88	2.59	1.9	8.3	11.4	99	3.62	A	940
	1.5+2.0+2.0	1.50	2.00	2.00	---	1.98	5.50	6.35	0.42	1.44	1.81	1.8	6.3	7.9	99	3.82	A	720
	1.5+2.0+2.5	1.50	2.00	2.50	---	1.98	6.00	6.74	0.42	1.68	2.03	1.8	7.4	8.9	99	3.57	A	840
	1.5+2.0+3.5	1.46	1.94	3.40	---	1.98	6.80	7.11	0.41	2.12	2.26	1.8	9.3	9.9	99	3.21	A	1060
	1.5+2.0+4.2	1.32	1.77	3.71	---	1.98	6.80	7.32	0.41	2.12	2.40	1.8	9.3	10.5	99	3.21	A	1060
	1.5+2.0+5.0	1.20	1.60	4.00	---	1.98	6.80	7.72	0.39	2.02	2.59	1.7	8.9	11.4	99	3.37	A	1010
	1.5+2.0+6.0	1.07	1.43	4.29	---	2.33	6.80	8.04	0.44	1.88	2.59	1.9	8.3	11.4	99	3.62	A	940
	1.5+2.5+2.5	1.50	2.50	2.50	---	1.98	6.50	6.96	0.41	1.94	2.16	1.8	8.5	9.5	99	3.35	A	970
	1.5+2.5+3.5	1.36	2.27	3.17	---	1.98	6.80	7.45	0.39	2.12	2.50	1.7	9.3	11.0	99	3.21	A	1060
	1.5+2.5+4.2	1.24	2.07	3.48	---	1.98	6.80	7.66	0.39	2.12	2.64	1.7	9.3	11.6	99	3.21	A	1060
	1.5+2.5+5.0	1.13	1.89	3.78	---	1.98	6.80	7.79	0.39	2.02	2.64	1.7	8.9	11.6	99	3.37	A	1010
	1.5+2.5+6.0	1.02	1.70	4.08	---	2.33	6.80	8.25	0.45	1.88	2.74	2.0	8.3	12.0	99	3.62	A	940
	1.5+3.5+3.5	1.20	2.80	2.80	---	1.98	6.80	7.46	0.40	2.12	2.50	1.8	9.3	11.0	99	3.21	A	1060
	1.5+3.5+4.2	1.11	2.59	3.10	---	1.98	6.80	7.67	0.40	2.12	2.64	1.8	9.3	11.6	99	3.21	A	1060
	1.5+3.5+5.0	1.02	2.38	3.40	---	2.30	6.80	8.29	0.44	2.02	3.06	1.9	8.9	13.4	99	3.37	A	1010
	1.5+3.5+6.0	0.93	2.16	3.71	---	2.33	6.80	9.04	0.45	1.88	3.44	2.0	8.3	15.1	99	3.62	A	940
	1.5+4.2+4.2	1.03	2.88	2.88	---	1.98	6.80	8.10	0.40	2.12	3.01	1.8	9.3	13.2	99	3.21	A	1060
	1.5+4.2+5.0	0.95	2.67	3.18	---	2.30	6.80	8.68	0.44	2.02	3.45	1.9	8.9	15.2	99	3.37	A	1010
	2.0+2.0+2.0	2.00	2.00	2.00	---	1.98	6.00	6.51	0.42	1.64	1.89	1.8	7.2	8.3	99	3.66	A	820
	2.0+2.0+2.5	2.00	2.00	2.50	---	1.98	6.50	6.89	0.42	1.89	2.12	1.8	8.3	9.3	99	3.44	A	945
	2.0+2.0+3.5	1.81	1.81	3.18	---	1.98	6.80	7.25	0.41	2.07	2.35	1.8	9.1	10.3	99	3.29	A	1035
	2.0+2.0+4.2	1.66	1.66	3.48	---	1.98	6.80	7.46	0.41	2.07	2.50	1.8	9.1	11.0	99	3.29	A	1035
	2.0+2.0+5.0	1.51	1.51	3.78	---	1.98	6.80	7.85	0.39	2.02	2.69	1.7	8.9	11.8	99	3.37	A	1010
	2.0+2.0+6.0	1.36	1.36	4.08	---	2.33	6.80	8.11	0.44	1.83	2.64	1.9	8.0	11.6	99	3.72	A	915
	2.0+2.5+2.5	1.94	2.43	2.43	---	1.98	6.80	7.10	0.41	2.07	2.26	1.8	9.1	9.9	99	3.29	A	1035
	2.0+2.5+3.5	1.70	2.13	2.97	---	1.98	6.80	7.59	0.39	2.07	2.59	1.7	9.1	11.4	99	3.29	A	1035
	2.0+2.5+4.2	1.56	1.95	3.29	---	1.98	6.80	7.78	0.39	2.07	2.75	1.7	9.1	12.1	99	3.29	A	1035
	2.0+2.5+5.0	1.43	1.79	3.58	---	1.98	6.80	7.92	0.39	2.02	2.74	1.7	8.9	12.0	99	3.37	A	1010
	2.0+2.5+6.0	1.30	1.62	3.88	---	2.33	6.80	8.38	0.45	1.83	2.84	2.0	8.0	12.5	99	3.72	A	915
	2.0+3.5+3.5	1.52	2.64	2.64	---	1.98	6.80	7.91	0.40	2.07	2.85	1.8	9.1	12.5	99	3.29	A	1035
	2.0+3.5+4.2	1.40	2.45	2.95	---	1.98	6.80	8.09	0.40	2.07	3.01	1.8	9.1	13.2	99	3.29	A	1035
	2.0+3.5+5.0	1.30	2.27	3.23	---	2.30	6.80	8.41	0.44	2.02	3.17	1.9	8.9	13.9	99	3.37	A	1010
	2.0+4.2+4.2	1.30	2.75	2.75	---	1.98	6.80	8.21	0.40	2.07	3.11	1.8	9.1	13.7	99	3.29	A	1035
	2.5+2.5+2.5	2.26	2.26	2.26	---	1.98	6.78	7.38	0.41	2.07	2.45	1.8	9.1	10.8	99	3.28	A	1035
	2.5+2.5+3.5	2.00	2.00	2.80	---	1.98	6.80	7.78	0.39	2.07	2.75	1.7	9.1	12.1	99	3.29	A	1035
	2.5+2.5+4.2	1.85	1.85	3.10	---	1.98	6.80	7.96	0.39	2.07	2.90	1.7	9.1	12.7	99	3.29	A	1035
	2.5+2.5+5.0	1.70	1.70	3.40	---	2.30	6.80	8.28	0.44	2.02	3.06	1.9	8.9	13.4	99	3.37	A	1010
	2.5+2.5+6.0	1.55	1.55	3.70	---	2.44	6.80	8.57	0.44	1.83	3.00	1.9	8.0	13.2	99	3.72	A	915
	2.5+3.5+3.5	1.78	2.51	2.51	---	2.29	6.80	8.14	0.44	2.07	3.06	1.9	9.1	13.4	99	3.29	A	1035
	2.5+3.5+4.2	1.67	2.33	2.80	---	2.29	6.80	8.26	0.44	2.07	3.17	1.9	9.1	13.9	99	3.29	A	1035
	2.5+3.5+5.0	1.55	2.16	3.09	---	2.51	6.80	8.57	0.46	1.98	3.33	2.0	8.7	14.6	99	3.43	A	990
	2.5+4.2+4.2	1.56	2.62	2.62	---	2.29	6.80	8.32	0.44	2.07	3.22	1.9	9.1	14.1	99	3.29	A	1035
	3.5+3.5+3.5	2.26	2.26	2.26	---	2.40	6.78	8.42	0.43	2.07	3.33	1.9	9.1	14.6	99	3.28	A	1035

Notes: 1. Cooling capacity is based on 27°CDB/19°CWB (Indoor temperature). 35°CDB (Outdoor temperature).
Heating capacity is based on 20°CDB (Indoor temperature). 7°CDB/6°CWB (Outdoor temperature).
2. The total ability of connected a indoor unit is up to 11.0kW.
3. It is impossible to connect the indoor unit for one room only.
4. The above is the value for connecting with the following indoor units.
1.5. 2.0. 2.5. 3.5 kW class; wall mounted K series
4.2. 5.0 kW class; wall mounted J series
6.0 kW class; wall mounted G series

* This page contains preliminary data

HEATING

OUTDOOR UNIT	INDOOR UNIT	HEATING CAPACITY (kW)				TOTAL CAPACITY (kW)			POWER INPUT COOLING (kW)			TOTAL CURRENT (A)			POWER FACTOR (%)	COP	ENERGY LABEL
		A ROOM	B ROOM	C ROOM	D ROOM	Min.	Nom.	Max.	Min.	Nom.	Max.	Min.	Nom.	Max.			
3MXS68G2V1B	1.5	2.30	---	---	---	1.51	2.30	3.34	0.44	0.65	0.99	2.0	2.9	4.4	98	3.54	B
	2.0	2.72	---	---	---	1.51	2.72	3.93	0.44	0.74	1.27	2.0	3.3	5.6	98	3.68	A
	2.5	3.40	---	---	---	1.47	3.40	4.13	0.43	1.03	1.37	1.9	4.6	6.1	98	3.30	C
	3.5	4.30	---	---	---	1.48	4.30	4.52	0.41	1.42	1.61	1.8	6.2	7.1	99	3.03	D
	4.2	4.50	---	---	---	1.48	4.50	4.71	0.41	1.51	1.72	1.8	6.6	7.6	99	2.98	D
	5.0	5.60	---	---	---	1.65	5.60	5.76	0.39	2.13	2.26	1.7	9.4	9.9	99	2.63	E
	6.0	7.90	---	---	---	1.92	7.90	8.57	0.41	2.65	2.92	1.8	11.6	12.8	99	2.98	D
	1.5+1.5	2.90	2.90	---	---	1.62	5.80	7.10	0.38	1.57	1.99	1.7	6.9	8.7	99	3.69	A
	1.5+2.0	2.64	3.51	---	---	1.62	6.15	7.10	0.38	1.72	1.99	1.7	7.6	8.7	99	3.58	B
	1.5+2.5	2.44	4.06	---	---	1.62	6.50	7.64	0.38	1.89	2.24	1.7	8.3	9.8	99	3.44	B
	1.5+3.5	2.16	5.04	---	---	1.76	7.20	8.17	0.39	2.25	2.55	1.7	9.9	11.2	99	3.20	D
	1.5+4.2	2.02	5.67	---	---	1.76	7.69	8.51	0.39	2.51	2.79	1.7	11.0	12.3	99	3.06	D
	1.5+5.0	1.90	6.35	---	---	2.14	8.25	9.98	0.48	2.63	3.16	2.1	11.6	13.9	99	3.14	D
	1.5+6.0	1.72	6.88	---	---	2.41	8.60	10.17	0.51	2.51	2.90	2.2	11.0	12.7	99	3.43	B
	2.0+2.0	3.25	3.25	---	---	1.62	6.50	7.64	0.38	1.87	2.25	1.7	8.2	9.9	99	3.48	B
	2.0+2.5	3.04	3.81	---	---	1.62	6.85	7.81	0.38	2.05	2.33	1.7	9.0	10.2	99	3.34	C
	2.0+3.5	2.71	4.74	---	---	1.76	7.45	8.34	0.39	2.34	2.64	1.7	10.3	11.6	99	3.18	D
	2.0+4.2	2.58	5.42	---	---	1.76	8.00	8.68	0.39	2.64	2.89	1.7	11.6	12.7	99	3.03	D
	2.0+5.0	2.46	6.14	---	---	2.14	8.60	10.15	0.48	2.80	3.26	2.1	12.3	14.3	99	3.07	D
	2.0+6.0	2.15	6.45	---	---	2.41	8.60	10.34	0.51	2.43	2.98	2.2	10.7	13.1	99	3.54	B
	2.5+2.5	3.60	3.60	---	---	1.62	7.20	8.16	0.38	2.24	2.56	1.7	9.8	11.2	99	3.21	C
	2.5+3.5	3.29	4.61	---	---	1.85	7.90	8.68	0.40	2.58	2.89	1.8	11.3	12.7	99	3.06	D
	2.5+4.2	3.10	5.20	---	---	1.85	8.30	8.93	0.40	2.80	3.07	1.8	12.3	13.5	99	2.96	D
	2.5+5.0	2.87	5.73	---	---	2.23	8.60	10.27	0.49	2.80	3.36	2.2	12.3	14.8	99	3.07	D
	2.5+6.0	2.53	6.07	---	---	2.50	8.60	10.46	0.53	2.43	3.01	2.3	10.7	13.2	99	3.54	B
	3.5+3.5	4.30	4.30	---	---	2.13	8.60	9.02	0.45	2.93	3.11	2.0	12.9	13.7	99	2.94	D
	3.5+4.2	3.91	4.69	---	---	2.13	8.60	9.11	0.45	2.92	3.16	2.0	12.8	13.9	99	2.95	D
	3.5+5.0	3.54	5.06	---	---	2.51	8.60	10.48	0.54	2.79	3.40	2.4	12.3	14.9	99	3.08	D
	3.5+6.0	3.17	5.43	---	---	2.69	8.60	10.59	0.55	2.42	3.00	2.4	10.6	13.2	99	3.55	B
	4.2+4.2	4.30	4.30	---	---	2.13	8.60	9.19	0.45	2.92	3.20	2.0	12.8	14.1	99	2.95	D
	4.2+5.0	3.93	4.67	---	---	2.51	8.60	10.49	0.54	2.79	3.47	2.4	12.3	15.2	99	3.08	D
	4.2+6.0	3.54	5.06	---	---	2.69	8.60	10.60	0.54	2.42	3.03	2.4	10.6	13.3	99	3.55	B
	5.0+5.0	4.30	4.30	---	---	2.88	8.60	10.67	0.63	2.70	3.38	2.8	11.9	14.8	99	3.19	D
	5.0+6.0	3.91	4.69	---	---	3.08	8.60	10.66	0.64	2.39	2.96	2.8	10.5	13.0	99	3.60	B
	1.5+1.5+1.5	2.28	2.28	2.28	---	1.97	6.83	9.37	0.44	1.63	2.38	1.9	7.2	10.5	99	4.19	A
	1.5+1.5+2.0	2.15	2.15	2.87	---	1.97	7.18	9.37	0.44	1.77	2.38	1.9	7.8	10.5	99	4.06	A
	1.5+1.5+2.5	2.06	2.06	3.43	---	2.06	7.54	9.96	0.45	1.89	2.65	2.0	8.3	11.6	99	3.99	A
	1.5+1.5+3.5	1.90	1.90	4.44	---	2.26	8.25	10.05	0.47	2.23	2.80	2.1	9.8	12.3	99	3.70	A
	1.5+1.5+4.2	1.79	1.79	5.02	---	2.26	8.60	10.06	0.47	2.38	2.79	2.1	10.5	12.3	99	3.61	A
	1.5+1.5+5.0	1.61	1.61	5.38	---	2.66	8.60	10.23	0.58	2.38	2.87	2.5	10.5	12.6	99	3.61	A
	1.5+1.5+6.0	1.43	1.43	5.73	---	2.87	8.60	10.44	0.58	2.16	2.63	2.5	9.5	11.6	99	3.98	A
	1.5+2.0+2.0	2.06	2.74	2.74	---	1.97	7.54	10.04	0.44	1.91	2.70	1.9	8.4	11.9	99	3.95	A
	1.5+2.0+2.5	1.97	2.63	3.29	---	2.06	7.89	10.04	0.45	2.03	2.69	2.0	8.9	11.8	99	3.89	A
	1.5+2.0+3.5	1.84	2.46	4.30	---	2.26	8.60	10.05	0.47	2.38	2.80	2.1	10.5	12.3	99	3.61	A
	1.5+2.0+4.2	1.68	2.23	4.69	---	2.26	8.60	10.06	0.47	2.38	2.79	2.1	10.5	12.3	99	3.61	A
	1.5+2.0+5.0	1.52	2.02	5.06	---	2.66	8.60	10.46	0.58	2.38	2.87	2.5	10.5	12.6	99	3.61	A
	1.5+2.0+6.0	1.36	1.81	5.43	---	2.87	8.60	10.55	0.58	2.16	2.63	2.5	9.5	11.6	99	3.98	A
	1.5+2.5+2.5	1.90	3.17	3.17	---	2.16	8.25	10.15	0.48	2.21	2.69	2.1	9.7	11.8	99	3.73	A
	1.5+2.5+3.5	1.72	2.87	4.01	---	2.35	8.60	10.17	0.50	2.38	2.79	2.2	10.5	12.3	99	3.61	A
	1.5+2.5+4.2	1.57	2.62	4.40	---	2.36	8.60	10.17	0.50	2.38	2.79	2.2	10.5	12.3	99	3.61	A
	1.5+2.5+5.0	1.43	2.39	4.78	---	2.75	8.60	10.58	0.60	2.38	2.87	2.6	10.5	12.6	99	3.61	A
	1.5+2.5+6.0	1.29	2.15	5.16	---	2.96	8.60	10.44	0.61	2.16	2.62	2.7	9.5	11.5	99	3.98	A
	1.5+3.5+3.5	1.52	3.54	3.54	---	2.64	8.60	10.18	0.58	2.38	2.79	2.5	10.5	12.3	99	3.61	A
	1.5+3.5+4.2	1.40	3.27	3.93	---	2.64	8.60	10.18	0.58	2.37	2.78	2.5	10.4	12.2	99	3.63	A
	1.5+3.5+5.0	1.29	3.01	4.30	---	2.94	8.60	10.59	0.66	2.37	2.86	2.9	10.4	12.6	99	3.63	A
	1.5+3.5+6.0	1.17	2.74	4.69	---	2.97	8.60	10.46	0.61	2.15	2.62	2.7	9.4	11.5	99	4.00	A
	1.5+4.2+4.2	1.30	3.65	3.65	---	2.64	8.60	10.19	0.58	2.37	2.78	2.5	10.4	12.2	99	3.63	A
	1.5+4.2+5.0	1.21	3.38	4.02	---	2.85	8.60	10.48	0.63	2.37	2.86	2.8	10.4	12.6	99	3.63	A
	2.0+2.0+2.0	2.63	2.63	2.63	---	1.97	7.89	10.04	0.44	2.05	2.70	1.9	9.0	11.9	99	3.85	A
	2.0+2.0+2.5	2.54	2.54	3.17	---	2.06	8.25	10.12	0.45	2.18	2.74	2.0	9.6	12.0	99	3.78	A
	2.0+2.0+3.5	2.29	2.29	4.02	---	2.26	8.60	10.22	0.47	2.34	2.88	2.1	10.3	12.6	99	3.68	A
	2.0+2.0+4.2	2.10	2.10	4.40	---	2.26	8.60	10.22	0.47	2.34	2.88	2.1	10.3	12.6	99	3.68	A
	2.0+2.0+5.0	1.91	1.91	4.78	---	2.66	8.60	10.40	0.58	2.34	2.96	2.5	10.3	13.0	99	3.68	A
	2.0+2.0+6.0	1.72	1.72	5.16	---	2.87	8.60	10.53	0.58	2.12	2.67	2.5	9.3	11.7	99	4.06	A
	2.0+2.5+2.5	2.46	3.07	3.07	---	2.16	8.60	10.13	0.46	2.35	2.84	2.0	10.3	12.5	99	3.66	A
	2.0+2.5+3.5	2.15	2.69	3.76	---	2.35	8.60	10.22	0.49	2.34	2.88	2.2	10.3	12.6	99	3.68	A
	2.0+2.5+4.2	1.98	2.47	4.15	---	2.36	8.60	10.23	0.49	2.34	2.87	2.2	10.3	12.6	99	3.68	A
	2.0+2.5+5.0	1.81	2.26	4.53	---	2.75	8.60	10.63	0.60	2.32	2.99	2.6	10.2	13.1	99	3.71	A
	2.0+2.5+6.0	1.64	2.05	4.91	---	2.96	8.60	10.64	0.60	2.10	2.64	2.6	9.2	11.6	99	4.10	A
	2.0+3.5+3.5	1.92	3.34	3.34	---	2.64	8.60	10.35	0.55	2.31	2.93	2.4	10.1	12.9	99	3.72	A
	2.0+3.5+4.2	1.77	3.10	3.72	---	2.64	8.60	10.35	0.55	2.31	2.92	2.4	10.1	12.8	99	3.72	A
	2.0+3.5+5.0	1.64	2.87	4.09	---	2.94	8.60	10.68	0.62	2.29	3.06	2.7	10.1	13.4	99	3.76	A
	2.0+4.2+4.2	1.65	3.47	3.47	---	2.64	8.60	10.36	0.55	2.31	2.92	2.4	10.1	12.8	99	3.72	A
	2.5+2.5+2.5	2.86	2.86	2.86	---	2.26	8.58	10.24	0.48	2.35	2.87	2.1	10.3	12.6	99	3.65	A
	2.5+2.5+3.5	2.53	2.53	3.54	---	2.45	8.60	10.45	0.51	2.34	2.96	2.2	10.3	13.0	99	3.68	A
	2.5+2.5+4.2	2.34	2.34	3.93	---	2.45	8.60	10.46	0.51	2.34	2.96	2.2	10.3	13.0	99	3.68	A
	2.5+2.5+5.0	2.15	2.15	4.30	---	2.85	8.60	10.64	0.62	2.29	3.02	2.7	10.1	13.3	99	3.76	A
	2.5+2.5+6.0	1.95	1.95	4.70	---	3.06	8.60	10.65	0.62	2.08	2.64	2.7	9.1	11.6	99	4.13	A
	2.5+3.5+3.5	2.26	3.17	3.17	---	2.73	8.60	10.58	0.56	2.31	2.96	2.5	10.1	13.0	99	3.72	A
	2.5+3.5+4.2	2.11	2.95	3.54	---	2.74	8.60	10.59	0.56	2.31	2.95	2.5	10.1	13.0	99	3.72	A
	2.5+3.5+5.0	1.95	2.74	3.91	---	3.13	8.60	10.65	0.64	2.29	2.98	2.8	10.1	13.1	99	3.76	A
	2.5+4.2+4.2	1.97	3.31	3.31	---	2.74	8.60	10.59	0.56	2.31	2.95	2.5	10.1	13.0	99	3.72	A
	3.5+3.5+3.5	2.86	2.86	2.86	---	2.92	8.58	10.63	0.61	2.29	3.03	2.7	10.1	13.3	99	3.75	A

Notes: 1. Cooling capacity is based on 27°CDB/19°CWB (Indoor temperature). 35°CDB (Outdoor temperature).
Heating capacity is based on 20°CDB (Indoor temperature). 7°CDB/6°CWB (Outdoor temperature).
2. The total ability of connected a indoor unit is up to 11.0kW.
3. It is impossible to connect the indoor unit for one room only.
4. The above is the value for connecting with the following indoor units.
1.5. 2.0. 2.5. 3.5 kW class; wall mounted K series
4.2. 5.0 kW class; wall mounted J series
6.0 kW class; wall mounted G series

* This page contains preliminary data

COOLING

OUTDOOR UNIT	INDOOR UNIT	COOLING CAPACITY (kW)				TOTAL CAPACITY (kW)			POWER INPUT COOLING (kW)			TOTAL CURRENT (A)			POWER FACTOR (%)	EER	ENERGY LABEL	AEC (kWh)
		A ROOM	B ROOM	C ROOM	D ROOM	Min.	Nom.	Max.	Min.	Nom.	Max.	Min.	Nom.	Max.				
4MXS68F2V1B	1.5	1.50	---	---	---	1.43	1.50	2.46	0.44	0.47	0.55	2.0	2.1	2.5	96	3.19	B	235
	2.0	2.00	---	---	---	1.57	2.00	2.63	0.44	0.47	0.62	2.0	2.1	2.8	96	4.26	A	235
	2.5	2.50	---	---	---	1.57	2.50	3.37	0.46	0.59	0.85	2.1	2.7	3.8	96	4.24	A	295
	3.5	3.50	---	---	---	1.57	3.50	4.76	0.47	0.91	1.47	2.1	4.0	6.5	98	3.85	A	455
	4.2	4.20	---	---	---	1.95	4.20	5.02	0.47	1.21	1.62	2.1	5.4	7.2	98	3.47	A	605
	5.0	5.00	---	---	---	1.96	5.00	5.91	0.45	1.71	2.20	2.0	7.5	9.7	99	2.92	C	855
	6.0	6.00	---	---	---	1.96	6.00	6.38	0.44	2.05	2.32	1.9	9.0	10.2	99	2.93	C	1025
	1.5+1.5	1.50	1.50	---	---	1.97	3.00	4.70	0.43	0.65	1.29	1.9	2.9	5.7	99	4.62	A	325
	1.5+2.0	1.50	2.00	---	---	1.97	3.50	4.86	0.43	0.80	1.37	1.9	3.5	6.0	99	4.38	A	400
	1.5+2.5	1.50	2.50	---	---	1.97	4.00	5.18	0.43	0.99	1.53	1.9	4.3	6.7	99	4.04	A	495
	1.5+3.5	1.50	3.50	---	---	1.97	5.00	6.05	0.42	1.39	2.06	1.8	6.1	9.0	99	3.60	A	695
	1.5+4.2	1.50	4.20	---	---	1.97	5.70	6.26	0.42	1.79	2.20	1.8	7.9	9.7	99	3.18	B	895
	1.5+5.0	1.50	5.00	---	---	1.97	6.50	6.94	0.41	2.22	2.51	1.8	9.7	11.0	99	2.93	C	1110
	1.5+6.0	1.36	5.44	---	---	1.98	6.80	7.44	0.40	2.26	2.65	1.8	9.9	11.6	99	3.01	B	1130
	2.0+2.0	2.00	2.00	---	---	1.97	4.00	5.02	0.43	1.00	1.45	1.9	4.4	6.4	99	4.00	A	500
	2.0+2.5	2.00	2.50	---	---	1.97	4.50	5.33	0.43	1.20	1.61	1.9	5.3	7.1	99	3.75	A	600
	2.0+3.5	2.00	3.50	---	---	1.97	5.50	6.18	0.42	1.66	2.15	1.8	7.3	9.4	99	3.31	A	830
	2.0+4.2	2.00	4.20	---	---	1.97	6.20	6.38	0.42	2.09	2.30	1.8	9.2	10.1	99	2.97	C	1045
	2.0+5.0	1.94	4.86	---	---	1.97	6.80	7.12	0.41	2.41	2.65	1.8	10.6	11.6	99	2.82	C	1205
	2.0+6.0	1.70	5.10	---	---	1.98	6.80	7.56	0.40	2.21	2.75	1.8	9.7	12.1	99	3.08	B	1105
	2.5+2.5	2.50	2.50	---	---	1.97	5.00	5.98	0.45	1.46	2.00	2.0	6.4	8.8	99	3.42	A	730
	2.5+3.5	2.50	3.50	---	---	1.97	6.00	6.44	0.43	2.06	2.37	1.9	9.0	10.4	99	2.91	C	1030
	2.5+4.2	2.50	4.20	---	---	1.97	6.70	6.81	0.43	2.54	2.67	1.9	11.2	11.7	99	2.64	D	1270
	2.5+5.0	2.27	4.53	---	---	1.97	6.80	7.23	0.40	2.41	2.75	1.8	10.6	12.1	99	2.82	C	1205
	2.5+6.0	2.00	4.80	---	---	1.98	6.80	7.56	0.38	2.21	2.75	1.7	9.7	12.1	99	3.08	B	1105
	3.5+3.5	3.40	3.40	---	---	1.97	6.80	6.99	0.41	2.51	2.66	1.8	11.0	11.7	99	2.71	D	1255
	3.5+4.2	3.09	3.71	---	---	1.97	6.80	7.10	0.41	2.51	2.76	1.8	11.0	12.1	99	2.71	D	1255
	3.5+5.0	2.80	4.00	---	---	1.97	6.80	7.61	0.38	2.41	3.12	1.7	10.6	13.7	99	2.82	C	1205
	3.5+6.0	2.51	4.29	---	---	2.28	6.80	7.91	0.43	2.21	3.06	1.9	9.7	13.4	99	3.08	B	1105
	4.2+4.2	3.40	3.40	---	---	1.97	6.80	7.00	0.41	2.51	2.66	1.8	11.0	11.7	99	2.71	D	1255
	4.2+5.0	3.10	3.70	---	---	1.97	6.80	7.62	0.38	2.41	3.12	1.7	10.6	13.7	99	2.82	C	1205
	4.2+6.0	2.80	4.00	---	---	2.28	6.80	7.92	0.43	2.21	3.06	1.9	9.7	13.4	99	3.08	B	1105
	5.0+5.0	3.40	3.40	---	---	2.36	6.80	8.06	0.47	2.31	3.35	2.1	10.1	14.7	99	2.94	C	1155
	5.0+6.0	3.09	3.71	---	---	2.49	6.80	8.28	0.48	2.12	3.28	2.1	9.3	14.4	99	3.21	A	1060
	1.5+1.5+1.5	1.50	1.50	1.50	---	1.98	4.50	6.27	0.42	1.03	1.76	1.8	4.5	7.7	99	4.37	A	515
	1.5+1.5+2.0	1.50	1.50	2.00	---	1.98	5.00	6.43	0.42	1.21	1.85	1.8	5.3	8.1	99	4.13	A	605
	1.5+1.5+2.5	1.50	1.50	2.50	---	1.98	5.50	6.59	0.42	1.44	1.94	1.8	6.3	8.5	99	3.82	A	720
	1.5+1.5+3.5	1.50	1.50	3.50	---	1.98	6.50	6.97	0.41	1.94	2.16	1.8	8.5	9.5	99	3.35	A	970
	1.5+1.5+4.2	1.42	1.42	3.97	---	1.98	6.80	7.19	0.41	2.12	2.30	1.8	9.3	10.1	99	3.21	A	1060
	1.5+1.5+5.0	1.28	1.28	4.25	---	1.98	6.80	7.59	0.39	2.02	2.49	1.7	8.9	10.9	99	3.37	A	1010
	1.5+1.5+6.0	1.13	1.13	4.53	---	2.33	6.80	7.83	0.44	1.88	2.44	1.9	8.3	10.7	99	3.62	A	940
	1.5+2.0+2.0	1.50	2.00	2.00	---	1.98	5.50	6.35	0.42	1.44	1.81	1.8	6.3	7.9	99	3.82	A	720
	1.5+2.0+2.5	1.50	2.00	2.50	---	1.98	6.00	6.74	0.42	1.68	2.03	1.8	7.4	8.9	99	3.57	A	840
	1.5+2.0+3.5	1.46	1.94	3.40	---	1.98	6.80	7.11	0.41	2.12	2.26	1.8	9.3	9.9	99	3.21	A	1060
	1.5+2.0+4.2	1.32	1.77	3.71	---	1.98	6.80	7.32	0.41	2.12	2.40	1.8	9.3	10.5	99	3.21	A	1060
	1.5+2.0+5.0	1.20	1.60	4.00	---	1.98	6.80	7.72	0.39	2.02	2.59	1.7	8.9	11.4	99	3.37	A	1010
	1.5+2.0+6.0	1.07	1.43	4.29	---	2.33	6.80	7.97	0.44	1.88	2.54	1.9	8.3	11.2	99	3.62	A	940
	1.5+2.5+2.5	1.50	2.50	2.50	---	1.98	6.50	6.96	0.41	1.94	2.16	1.8	8.5	9.5	99	3.35	A	970
	1.5+2.5+3.5	1.36	2.27	3.17	---	1.98	6.80	7.45	0.39	2.12	2.50	1.7	9.3	11.0	99	3.21	A	1060
	1.5+2.5+4.2	1.24	2.07	3.48	---	1.98	6.80	7.66	0.39	2.12	2.64	1.7	9.3	11.6	99	3.21	A	1060
	1.5+2.5+5.0	1.13	1.89	3.78	---	1.98	6.80	7.79	0.39	2.02	2.64	1.7	8.9	11.6	99	3.37	A	1010
	1.5+2.5+6.0	1.02	1.70	4.08	---	2.33	6.80	8.25	0.45	1.88	2.74	2.0	8.3	12.0	99	3.62	A	940
	1.5+3.5+3.5	1.20	2.80	2.80	---	1.98	6.80	7.78	0.40	2.12	2.75	1.8	9.3	12.1	99	3.21	A	1060
	1.5+3.5+4.2	1.11	2.59	3.10	---	1.98	6.80	7.97	0.40	2.12	2.90	1.8	9.3	12.7	99	3.21	A	1060
	1.5+3.5+5.0	1.02	2.38	3.40	---	1.98	6.80	8.29	0.36	2.02	3.06	1.6	8.9	13.4	99	3.37	A	1010
	1.5+3.5+6.0	0.93	2.16	3.71	---	2.33	6.80	8.39	0.45	1.88	2.84	2.0	8.3	12.5	99	3.62	A	940
	1.5+4.2+4.2	1.03	2.88	2.88	---	1.98	6.80	8.10	0.40	2.12	3.01	1.8	9.3	13.2	99	3.21	A	1060
	1.5+4.2+5.0	0.95	2.67	3.18	---	1.98	6.80	8.36	0.36	2.02	3.11	1.6	8.9	13.7	99	3.37	A	1010
	2.0+2.0+2.0	2.00	2.00	2.00	---	1.98	6.00	6.51	0.42	1.64	1.89	1.8	7.2	8.3	99	3.66	A	820
	2.0+2.0+2.5	2.00	2.00	2.50	---	1.98	6.50	6.89	0.42	1.89	2.12	1.8	8.3	9.3	99	3.44	A	945
	2.0+2.0+3.5	1.81	1.81	3.18	---	1.98	6.80	7.25	0.41	2.07	2.35	1.8	9.1	10.3	99	3.29	A	1035
	2.0+2.0+4.2	1.66	1.66	3.48	---	1.98	6.80	7.46	0.41	2.07	2.50	1.8	9.1	11.0	99	3.29	A	1035
	2.0+2.0+5.0	1.51	1.51	3.78	---	1.98	6.80	7.85	0.39	2.02	2.69	1.7	8.9	11.8	99	3.37	A	1010
	2.0+2.0+6.0	1.36	1.36	4.08	---	2.33	6.80	8.11	0.44	1.83	2.64	1.9	8.0	11.6	99	3.72	A	915
	2.0+2.5+2.5	1.94	2.43	2.43	---	1.98	6.80	7.10	0.41	2.07	2.26	1.8	9.1	9.9	99	3.29	A	1035
	2.0+2.5+3.5	1.70	2.13	2.97	---	1.98	6.80	7.59	0.39	2.07	2.59	1.7	9.1	11.4	99	3.29	A	1035
	2.0+2.5+4.2	1.56	1.95	3.29	---	1.98	6.80	7.78	0.39	2.07	2.75	1.7	9.1	12.1	99	3.29	A	1035
	2.0+2.5+5.0	1.43	1.79	3.58	---	1.98	6.80	7.92	0.39	2.02	2.74	1.7	8.9	12.0	99	3.37	A	1010
	2.0+2.5+6.0	1.30	1.62	3.88	---	2.33	6.80	8.38	0.45	1.83	2.84	2.0	8.0	12.5	99	3.72	A	915
	2.0+3.5+3.5	1.52	2.64	2.64	---	1.98	6.80	7.91	0.40	2.07	2.85	1.8	9.1	12.5	99	3.29	A	1035
	2.0+3.5+4.2	1.40	2.45	2.94	---	1.98	6.80	8.09	0.40	2.07	3.01	1.8	9.1	13.2	99	3.29	A	1035
	2.0+3.5+5.0	1.30	2.27	3.23	---	2.30	6.80	8.41	0.44	2.02	3.17	1.9	8.9	13.9	99	3.37	A	1010
	2.0+4.2+4.2	1.30	2.75	2.75	---	1.98	6.80	8.21	0.40	2.07	3.11	1.8	9.1	13.7	99	3.29	A	1035
	2.5+2.5+2.5	2.26	2.26	2.26	---	1.98	6.78	7.38	0.41	2.07	2.45	1.8	9.1	10.8	99	3.28	A	1035
	2.5+2.5+3.5	2.00	2.00	2.80	---	1.98	6.80	7.78	0.39	2.07	2.75	1.7	9.1	12.1	99	3.29	A	1035
	2.5+2.5+4.2	1.85	1.85	3.10	---	1.98	6.80	7.96	0.39	2.07	2.90	1.7	9.1	12.7	99	3.29	A	1035
	2.5+2.5+5.0	1.70	1.70	3.40	---	2.30	6.80	8.28	0.44	2.02	3.06	1.9	8.9	13.4	99	3.37	A	1010
	2.5+2.5+6.0	1.55	1.55	3.70	---	2.44	6.80	8.57	0.44	1.83	3.00	1.9	8.0	13.2	99	3.72	A	915
	2.5+3.5+3.5	1.78	2.51	2.51	---	2.29	6.80	8.14	0.44	2.07	3.06	1.9	9.1	13.4	99	3.29	A	1035
	2.5+3.5+4.2	1.67	2.33	2.80	---	2.29	6.80	8.26	0.44	2.07	3.17	1.9	9.1	13.9	99	3.29	A	1035
	2.5+3.5+5.0	1.55	2.16	3.09	---	2.51	6.80	8.57	0.46	1.98	3.33	2.0	8.7	14.6	99	3.43	A	990
	2.5+4.2+4.2	1.56	2.62	2.62	---	2.29	6.80	8.32	0.44	2.07	3.22	1.9	9.1	14.1	99	3.29	A	1035
	3.5+3.5+3.5	2.26	2.26	2.26	---	2.40	6.78	8.42	0.43	2.07	3.33	1.9	9.1	14.6	99	3.28	A	1035

Notes: 1. Cooling capacity is based on 27°CDB/19°CWB (Indoor temperature). 35°CDB (Outdoor temperature).
Heating capacity is based on 20°CDB (Indoor temperature). 7°CDB/6°CWB (Outdoor temperature).
2. The total ability of connected a indoor unit is up to 11.0kW.
3. It is impossible to connect the indoor unit for one room only.
4. The above is the value for connecting with the following indoor units.
1.5. 2.0. 2.5. 3.5 kW class; wall mounted K series
4.2. 5.0 kW class; wall mounted J series
6.0 kW class; wall mounted G series

* This page contains preliminary data

COOLING

OUTDOOR UNIT	INDOOR UNIT	COOLING CAPACITY (kW)				TOTAL CAPACITY (kW)			POWER INPUT COOLING (kW)			TOTAL CURRENT (A)			POWER FACTOR (%)	EER	ENERGY LABEL	AEC (kWh)
		A ROOM	B ROOM	C ROOM	D ROOM	Min.	Nom.	Max.	Min.	Nom.	Max.	Min.	Nom.	Max.				
4MXS68F2V1B	1.5+1.5+1.5+1.5	1.50	1.50	1.50	1.50	1.99	6.00	6.95	0.41	1.42	1.83	1.8	6.2	8.0	96	4.23	A	710
	1.5+1.5+1.5+2.0	1.50	1.50	1.50	2.00	1.99	6.50	7.13	0.41	1.62	1.91	1.8	7.1	8.4	96	4.01	A	810
	1.5+1.5+1.5+2.5	1.46	1.46	1.46	2.43	1.99	6.80	7.30	0.39	1.73	2.00	1.7	7.6	8.8	96	3.93	A	865
	1.5+1.5+1.5+3.5	1.28	1.28	1.28	2.98	1.99	6.80	7.72	0.40	1.71	2.24	1.8	7.5	9.8	98	3.98	A	855
	1.5+1.5+1.5+4.2	1.17	1.17	1.17	3.28	1.99	6.80	7.88	0.40	1.71	2.33	1.8	7.5	10.2	98	3.98	A	855
	1.5+1.5+1.5+5.0	1.07	1.07	1.07	3.58	2.47	6.80	8.31	0.46	1.71	2.61	2.0	7.5	11.5	99	3.98	A	855
	1.5+1.5+1.5+6.0	0.97	0.97	0.97	3.89	2.50	6.80	8.22	0.43	1.57	2.34	1.9	6.9	10.3	99	4.33	A	785
	1.5+1.5+2.0+2.0	1.46	1.46	1.94	1.94	1.99	6.80	7.30	0.41	1.75	2.00	1.8	7.7	8.8	99	3.89	A	875
	1.5+1.5+2.0+2.5	1.36	1.36	1.81	2.27	1.99	6.80	7.47	0.39	1.73	2.10	1.7	7.6	9.2	99	3.93	A	865
	1.5+1.5+2.0+3.5	1.20	1.20	1.60	2.80	1.99	6.80	7.87	0.40	1.71	2.33	1.8	7.5	10.2	99	3.98	A	855
	1.5+1.5+2.0+4.2	1.11	1.11	1.48	3.10	1.99	6.80	8.03	0.40	1.71	2.43	1.8	7.5	10.7	99	3.98	A	855
	1.5+1.5+2.0+5.0	1.02	1.02	1.36	3.40	2.47	6.80	8.46	0.46	1.71	2.71	2.0	7.5	11.9	99	3.98	A	855
	1.5+1.5+2.0+6.0	0.93	0.93	1.24	3.71	2.50	6.80	8.39	0.43	1.57	2.45	1.9	6.9	10.8	99	4.33	A	785
	1.5+1.5+2.5+2.5	1.28	1.28	2.13	2.13	1.99	6.80	7.55	0.39	1.73	2.14	1.7	7.6	9.4	99	3.93	A	865
	1.5+1.5+2.5+3.5	1.13	1.13	1.89	2.64	2.34	6.80	7.95	0.50	1.71	2.38	2.2	7.5	10.5	99	3.98	A	855
	1.5+1.5+2.5+4.2	1.05	1.05	1.75	2.94	2.34	6.80	8.11	0.50	1.71	2.48	2.2	7.5	10.9	99	3.98	A	855
	1.5+1.5+2.5+5.0	0.97	0.97	1.62	3.24	2.47	6.80	8.53	0.46	1.71	2.76	2.0	7.5	12.1	99	3.98	A	855
	1.5+1.5+3.5+3.5	1.02	1.02	2.38	2.38	2.34	6.80	8.40	0.50	1.71	2.68	2.2	7.5	11.8	99	3.98	A	855
	1.5+1.5+3.5+4.2	0.95	0.95	2.22	2.67	2.46	6.80	8.48	0.54	1.71	2.74	2.4	7.5	12.0	99	3.98	A	855
	1.5+2.0+2.0+2.0	1.36	1.81	1.81	1.81	1.99	6.80	7.46	0.41	1.75	2.10	1.8	7.7	9.2	99	3.89	A	875
	1.5+2.0+2.0+2.5	1.28	1.70	1.70	2.13	1.99	6.80	7.63	0.39	1.73	2.19	1.7	7.6	9.6	99	3.93	A	865
	1.5+2.0+2.0+3.5	1.13	1.51	1.51	2.64	2.34	6.80	8.02	0.50	1.71	2.43	2.2	7.5	10.7	99	3.98	A	855
	1.5+2.0+2.0+4.2	1.05	1.40	1.40	2.94	2.34	6.80	8.18	0.50	1.71	2.53	2.2	7.5	11.1	99	3.98	A	855
	1.5+2.0+2.0+5.0	0.97	1.30	1.30	3.24	2.47	6.80	8.60	0.46	1.71	2.82	2.0	7.5	12.4	99	3.98	A	855
	1.5+2.0+2.5+2.5	1.20	1.60	2.00	2.00	1.99	6.80	7.71	0.39	1.73	2.24	1.7	7.6	9.8	99	3.93	A	865
	1.5+2.0+2.5+3.5	1.07	1.43	1.79	2.51	2.34	6.80	8.10	0.50	1.71	2.48	2.2	7.5	10.9	99	3.98	A	855
	1.5+2.0+2.5+4.2	1.00	1.33	1.67	2.80	2.34	6.80	8.26	0.50	1.71	2.58	2.2	7.5	11.3	99	3.98	A	855
	1.5+2.0+2.5+5.0	0.93	1.24	1.55	3.09	2.47	6.80	8.68	0.46	1.71	2.87	2.0	7.5	12.6	99	3.98	A	855
	1.5+2.0+3.5+3.5	0.97	1.30	2.27	2.27	2.00	6.80	8.47	0.40	1.71	2.74	1.8	7.5	12.0	99	3.98	A	855
	1.5+2.5+2.5+2.5	1.13	1.89	1.89	1.89	1.99	6.80	8.02	0.36	1.71	2.43	1.6	7.5	10.7	99	3.98	A	855
	1.5+2.5+2.5+3.5	1.02	1.70	1.70	2.38	2.34	6.80	8.32	0.43	1.70	2.63	1.9	7.5	11.6	99	4.00	A	850
	1.5+2.5+2.5+4.2	0.95	1.59	1.59	2.67	2.34	6.80	8.33	0.45	1.73	2.63	2.0	7.6	11.6	99	3.93	A	865
	1.5+2.5+3.5+3.5	0.93	1.55	2.16	2.16	2.34	6.80	8.54	0.43	1.70	2.79	1.9	7.5	12.3	99	4.00	A	850
	2.0+2.0+2.0+2.0	1.70	1.70	1.70	1.70	1.99	6.80	7.63	0.41	1.75	2.19	1.8	7.7	9.6	99	3.89	A	875
	2.0+2.0+2.0+2.5	1.60	1.60	1.60	2.00	1.99	6.80	7.79	0.39	1.73	2.29	1.7	7.6	10.1	99	3.93	A	865
	2.0+2.0+2.0+3.5	1.43	1.43	1.43	2.51	1.99	6.80	8.17	0.40	1.71	2.53	1.8	7.5	11.1	99	3.98	A	855
	2.0+2.0+2.0+4.2	1.33	1.33	1.33	2.81	1.99	6.80	8.32	0.40	1.71	2.63	1.8	7.5	11.6	99	3.98	A	855
	2.0+2.0+2.0+5.0	1.24	1.24	1.24	3.08	2.47	6.80	8.74	0.46	1.67	2.93	2.0	7.3	12.9	99	4.07	A	835
	2.0+2.0+2.5+2.5	1.51	1.51	1.89	1.89	1.99	6.80	7.94	0.40	1.75	2.38	1.8	7.7	10.5	99	3.89	A	875
	2.0+2.0+2.5+3.5	1.36	1.36	1.70	2.38	2.34	6.80	8.32	0.45	1.73	2.63	2.0	7.6	11.6	99	3.93	A	865
	2.0+2.0+2.5+4.2	1.27	1.27	1.59	2.67	2.34	6.80	8.47	0.45	1.73	2.74	2.0	7.6	12.0	99	3.93	A	865
	2.0+2.0+3.5+3.5	1.24	1.24	2.16	2.16	2.46	6.80	8.61	0.45	1.71	2.84	2.0	7.5	12.5	99	3.98	A	855
	2.0+2.5+2.5+2.5	1.43	1.79	1.79	1.79	1.99	6.80	8.17	0.40	1.75	2.53	1.8	7.7	11.1	99	3.89	A	875
	2.0+2.5+2.5+3.5	1.30	1.62	1.62	2.26	2.34	6.80	8.46	0.45	1.73	2.74	2.0	7.6	12.0	99	3.93	A	865
	2.5+2.5+2.5+2.5	1.70	1.70	1.70	1.70	2.34	6.80	8.39	0.46	1.71	2.68	2.0	7.5	11.8	99	3.98	A	855
	2.5+2.5+2.5+3.5	1.55	1.55	1.55	2.15	2.46	6.80	8.73	0.46	1.70	2.95	2.0	7.5	13.0	99	4.00	A	850

Notes: 1. Cooling capacity is based on 27°CDB/19°CWB (Indoor temperature). 35°CDB (Outdoor temperature).
Heating capacity is based on 20°CDB (Indoor temperature). 7°CDB/6°CWB (Outdoor temperature).
2. The total ability of connected a indoor unit is up to 11.0kW.
3. It is impossible to connect the indoor unit for one room only.
4. The above is the value for connecting with the following indoor units.
1.5. 2.0. 2.5. 3.5 kW class; wall mounted K series
4.2. 5.0 kW class; wall mounted J series
6.0 kW class; wall mounted G series

* This page contains preliminary data

HEATING

OUTDOOR UNIT	INDOOR UNIT	HEATING CAPACITY (kW)				TOTAL CAPACITY (kW)			POWER INPUT COOLING (kW)			TOTAL CURRENT (A)			POWER FACTOR (%)	COP	ENERGY LABEL
		A ROOM	B ROOM	C ROOM	D ROOM	Min.	Nom.	Max.	Min.	Nom.	Max.	Min.	Nom.	Max.			
4MXS68F2V1B	1.5	2.30	---	---	---	1.51	2.30	3.34	0.44	0.65	0.99	2.0	2.9	4.4	98	3.54	B
	2.0	2.72	---	---	---	1.51	2.72	3.93	0.44	0.74	1.27	2.0	3.3	5.6	98	3.68	A
	2.5	3.40	---	---	---	1.47	3.40	4.13	0.43	1.03	1.37	1.9	4.6	6.1	98	3.30	C
	3.5	4.30	---	---	---	1.48	4.30	4.52	0.41	1.42	1.61	1.8	6.2	7.1	99	3.03	D
	4.2	4.50	---	---	---	1.48	4.50	4.71	0.41	1.51	1.72	1.8	6.6	7.6	99	2.98	D
	5.0	5.60	---	---	---	1.65	5.60	5.76	0.39	2.13	2.26	1.7	9.4	9.9	99	2.63	E
	6.0	7.90	---	---	---	1.92	7.90	8.57	0.41	2.65	2.92	1.8	11.6	12.8	99	2.98	D
	1.5+1.5	2.62	2.62	---	---	1.62	5.24	7.10	0.38	1.32	1.99	1.7	5.8	8.7	99	3.97	A
	1.5+2.0	2.43	3.23	---	---	1.62	5.66	7.46	0.38	1.50	2.16	1.7	6.6	9.5	99	3.77	A
	1.5+2.5	2.28	3.80	---	---	1.62	6.08	7.64	0.38	1.70	2.24	1.7	7.5	9.8	99	3.58	B
	1.5+3.5	2.08	4.84	---	---	1.76	6.92	8.17	0.39	2.09	2.55	1.7	9.2	11.2	99	3.31	C
	1.5+4.2	1.98	5.53	---	---	1.76	7.51	8.51	0.39	2.38	2.79	1.7	10.5	12.3	99	3.16	D
	1.5+5.0	1.89	6.29	---	---	2.14	8.18	9.98	0.48	2.58	3.16	2.1	11.3	13.9	99	3.17	D
	1.5+6.0	1.72	6.88	---	---	2.41	8.60	10.17	0.51	2.51	2.90	2.2	11.0	12.7	99	3.43	B
	2.0+2.0	3.25	3.25	---	---	1.62	6.50	7.64	0.38	1.87	2.25	1.7	8.2	9.9	99	3.48	B
	2.0+2.5	3.04	3.81	---	---	1.62	6.85	7.81	0.38	2.05	2.33	1.7	9.0	10.2	99	3.34	C
	2.0+3.5	2.71	4.74	---	---	1.76	7.45	8.34	0.39	2.34	2.64	1.7	10.3	11.6	99	3.18	D
	2.0+4.2	2.58	5.42	---	---	1.76	8.00	8.68	0.39	2.64	2.89	1.7	11.6	12.7	99	3.03	D
	2.0+5.0	2.46	6.14	---	---	2.14	8.60	10.15	0.48	2.80	3.26	2.1	12.3	14.3	99	3.07	D
	2.0+6.0	2.15	6.45	---	---	2.41	8.60	10.34	0.51	2.43	2.98	2.2	10.7	13.1	99	3.54	B
	2.5+2.5	3.60	3.60	---	---	1.62	7.20	8.16	0.38	2.24	2.56	1.7	9.8	11.2	99	3.21	C
	2.5+3.5	3.29	4.61	---	---	1.85	7.90	8.68	0.40	2.58	2.89	1.8	11.3	12.7	99	3.06	D
	2.5+4.2	3.10	5.20	---	---	1.85	8.30	8.93	0.40	2.80	3.07	1.8	12.3	13.5	99	2.96	D
	2.5+5.0	2.87	5.73	---	---	2.23	8.60	10.27	0.49	2.80	3.36	2.2	12.3	14.8	99	3.07	D
	2.5+6.0	2.53	6.07	---	---	2.50	8.60	10.46	0.53	2.43	3.01	2.3	10.7	13.2	99	3.54	B
	3.5+3.5	4.30	4.30	---	---	2.13	8.60	9.02	0.45	2.93	3.11	2.0	12.9	13.7	99	2.94	D
	3.5+4.2	3.91	4.69	---	---	2.13	8.60	9.11	0.45	2.92	3.16	2.0	12.8	13.9	99	2.95	D
	3.5+5.0	3.54	5.06	---	---	2.51	8.60	10.48	0.54	2.79	3.40	2.4	12.3	14.9	99	3.08	D
	3.5+6.0	3.17	5.43	---	---	2.69	8.60	10.59	0.55	2.42	3.00	2.4	10.6	13.2	99	3.55	B
	4.2+4.2	4.30	4.30	---	---	2.13	8.60	9.19	0.45	2.92	3.20	2.0	12.8	14.1	99	2.95	D
	4.2+5.0	3.93	4.67	---	---	2.51	8.60	10.49	0.54	2.79	3.47	2.4	12.3	15.2	99	3.08	D
	4.2+6.0	3.54	5.06	---	---	2.69	8.60	10.60	0.54	2.42	3.03	2.4	10.6	13.3	99	3.55	B
	5.0+5.0	4.30	4.30	---	---	2.88	8.60	10.67	0.63	2.70	3.38	2.8	11.9	14.8	99	3.19	D
	5.0+6.0	3.91	4.69	---	---	3.08	8.60	10.66	0.64	2.39	2.96	2.8	10.5	13.0	99	3.60	B
	1.5+1.5+1.5	2.17	2.17	2.17	---	1.97	6.50	9.54	0.44	1.50	2.46	1.9	6.6	10.8	99	4.33	A
	1.5+1.5+2.0	2.08	2.08	2.77	---	1.97	6.92	9.71	0.44	1.67	2.54	1.9	7.3	11.2	99	4.14	A
	1.5+1.5+2.5	2.00	2.00	3.34	---	2.06	7.34	9.79	0.45	1.82	2.58	2.0	8.0	11.3	99	4.03	A
	1.5+1.5+3.5	1.89	1.89	4.40	---	2.26	8.18	9.89	0.47	2.19	2.71	2.1	9.6	11.9	99	3.74	A
	1.5+1.5+4.2	1.79	1.79	5.02	---	2.26	8.60	9.89	0.47	2.38	2.71	2.1	10.5	11.9	99	3.61	A
	1.5+1.5+5.0	1.61	1.61	5.38	---	2.66	8.60	10.06	0.58	2.38	2.79	2.5	10.5	12.3	99	3.61	A
	1.5+1.5+6.0	1.43	1.43	5.73	---	2.87	8.60	10.18	0.58	2.16	2.51	2.5	9.5	11.0	99	3.98	A
	1.5+2.0+2.0	2.00	2.67	2.67	---	1.97	7.34	9.87	0.44	1.84	2.62	1.9	8.1	11.5	99	3.99	A
	1.5+2.0+2.5	1.94	2.59	3.23	---	2.06	7.76	9.96	0.45	2.00	2.65	2.0	8.8	11.6	99	3.88	A
	1.5+2.0+3.5	1.84	2.46	4.30	---	2.26	8.60	10.05	0.47	2.38	2.80	2.1	10.5	12.3	99	3.61	A
	1.5+2.0+4.2	1.68	2.23	4.69	---	2.26	8.60	10.06	0.47	2.38	2.79	2.1	10.5	12.3	99	3.61	A
	1.5+2.0+5.0	1.52	2.02	5.06	---	2.66	8.60	10.46	0.58	2.38	2.87	2.5	10.5	12.6	99	3.61	A
	1.5+2.0+6.0	1.36	1.81	5.43	---	2.87	8.60	10.47	0.58	2.16	2.59	2.5	9.5	11.4	99	3.98	A
	1.5+2.5+2.5	1.89	3.15	3.15	---	2.16	8.18	10.07	0.48	2.18	2.65	2.1	9.6	11.6	99	3.75	A
	1.5+2.5+3.5	1.72	2.87	4.01	---	2.35	8.60	10.17	0.50	2.38	2.79	2.2	10.5	12.3	99	3.61	A
	1.5+2.5+4.2	1.57	2.62	4.40	---	2.36	8.60	10.17	0.50	2.38	2.79	2.2	10.5	12.3	99	3.61	A
	1.5+2.5+5.0	1.43	2.39	4.78	---	2.75	8.60	10.58	0.60	2.38	2.87	2.6	10.5	12.6	99	3.61	A
	1.5+2.5+6.0	1.29	2.15	5.16	---	2.96	8.60	10.36	0.61	2.16	2.59	2.7	9.5	11.4	99	3.98	A
	1.5+3.5+3.5	1.52	3.54	3.54	---	2.64	8.60	10.18	0.58	2.38	2.79	2.5	10.5	12.3	99	3.61	A
	1.5+3.5+4.2	1.40	3.27	3.93	---	2.64	8.60	10.18	0.58	2.37	2.78	2.5	10.4	12.2	99	3.63	A
	1.5+3.5+5.0	1.29	3.01	4.30	---	2.94	8.60	10.51	0.66	2.37	2.82	2.9	10.4	12.4	99	3.63	A
	1.5+3.5+6.0	1.17	2.74	4.69	---	2.87	8.60	10.37	0.58	2.15	2.58	2.5	9.4	11.3	99	4.00	A
	1.5+4.2+4.2	1.30	3.65	3.65	---	2.64	8.60	10.27	0.58	2.37	2.82	2.5	10.4	12.4	99	3.63	A
	1.5+4.2+5.0	1.21	3.38	4.02	---	2.94	8.60	10.57	0.66	2.37	2.90	2.9	10.4	12.7	99	3.63	A
	2.0+2.0+2.0	2.63	2.63	2.63	---	1.97	7.89	10.04	0.44	2.05	2.70	1.9	9.0	11.9	99	3.85	A
	2.0+2.0+2.5	2.54	2.54	3.17	---	2.06	8.25	10.12	0.45	2.18	2.74	2.0	9.6	12.0	99	3.78	A
	2.0+2.0+3.5	2.29	2.29	4.02	---	2.26	8.60	10.22	0.47	2.34	2.88	2.1	10.3	12.6	99	3.68	A
	2.0+2.0+4.2	2.10	2.10	4.40	---	2.26	8.60	10.22	0.47	2.34	2.88	2.1	10.3	12.6	99	3.68	A
	2.0+2.0+5.0	1.91	1.91	4.78	---	2.66	8.60	10.40	0.58	2.34	2.96	2.5	10.3	13.0	99	3.68	A
	2.0+2.0+6.0	1.72	1.72	5.16	---	2.87	8.60	10.53	0.58	2.12	2.67	2.5	9.3	11.7	99	4.06	A
	2.0+2.5+2.5	2.46	3.07	3.07	---	2.16	8.60	10.13	0.46	2.35	2.84	2.0	10.3	12.5	99	3.66	A
	2.0+2.5+3.5	2.15	2.69	3.76	---	2.35	8.60	10.22	0.49	2.34	2.88	2.2	10.3	12.6	99	3.68	A
	2.0+2.5+4.2	1.98	2.47	4.15	---	2.36	8.60	10.23	0.49	2.34	2.87	2.2	10.3	12.6	99	3.68	A
	2.0+2.5+5.0	1.81	2.26	4.53	---	2.75	8.60	10.63	0.60	2.32	2.99	2.6	10.2	13.1	99	3.71	A
	2.0+2.5+6.0	1.64	2.05	4.91	---	2.96	8.60	10.64	0.60	2.10	2.64	2.6	9.2	11.6	99	4.10	A
	2.0+3.5+3.5	1.92	3.34	3.34	---	2.64	8.60	10.35	0.55	2.31	2.93	2.4	10.1	12.9	99	3.72	A
	2.0+3.5+4.2	1.77	3.10	3.72	---	2.64	8.60	10.35	0.55	2.31	2.92	2.4	10.1	12.8	99	3.72	A
	2.0+3.5+5.0	1.64	2.87	4.09	---	2.94	8.60	10.68	0.62	2.29	3.06	2.7	10.1	13.4	99	3.76	A
	2.0+4.2+4.2	1.65	3.47	3.47	---	2.64	8.60	10.36	0.55	2.31	2.92	2.4	10.1	12.8	99	3.72	A
	2.5+2.5+2.5	2.86	2.86	2.86	---	2.26	8.58	10.24	0.48	2.35	2.87	2.1	10.3	12.6	99	3.65	A
	2.5+2.5+3.5	2.53	2.53	3.54	---	2.45	8.60	10.45	0.51	2.34	2.96	2.2	10.3	13.0	99	3.68	A
	2.5+2.5+4.2	2.34	2.34	3.93	---	2.45	8.60	10.46	0.51	2.34	2.96	2.2	10.3	13.0	99	3.68	A
	2.5+2.5+5.0	2.15	2.15	4.30	---	2.85	8.60	10.64	0.62	2.29	3.02	2.7	10.1	13.3	99	3.76	A
	2.5+2.5+6.0	1.95	1.95	4.70	---	3.06	8.60	10.65	0.62	2.08	2.64	2.7	9.1	11.6	99	4.13	A
	2.5+3.5+3.5	2.26	3.17	3.17	---	2.73	8.60	10.58	0.56	2.31	2.96	2.5	10.1	13.0	99	3.72	A
	2.5+3.5+4.2	2.11	2.95	3.54	---	2.74	8.60	10.59	0.56	2.31	2.95	2.5	10.1	13.0	99	3.72	A
	2.5+3.5+5.0	1.95	2.74	3.91	---	3.13	8.60	10.65	0.64	2.29	2.98	2.8	10.1	13.1	99	3.76	A
	2.5+4.2+4.2	1.97	3.31	3.31	---	2.74	8.60	10.59	0.56	2.31	2.95	2.5	10.1	13.0	99	3.72	A
	3.5+3.5+3.5	2.86	2.86	2.86	---	2.92	8.58	10.63	0.61	2.29	3.03	2.7	10.1	13.3	99	3.75	A

Notes: 1. Cooling capacity is based on 27°CDB/19°CWB (Indoor temperature). 35°CDB (Outdoor temperature).
Heating capacity is based on 20°CDB (Indoor temperature). 7°CDB/6°CWB (Outdoor temperature).
2. The total ability of connected a indoor unit is up to 11.0kW.
3. It is impossible to connect the indoor unit for one room only.
4. The above is the value for connecting with the following indoor units.
1.5. 2.0. 2.5. 3.5 kW class; wall mounted K series
4.2. 5.0 kW class; wall mounted J series
6.0 kW class; wall mounted G series

* This page contains preliminary data

HEATING

OUTDOOR UNIT	INDOOR UNIT	HEATING CAPACITY (kW)				TOTAL CAPACITY (kW)			POWER INPUT COOLING (kW)			TOTAL CURRENT (A)			POWER FACTOR (%)	COP	ENERGY LABEL
		A ROOM	B ROOM	C ROOM	D ROOM	Min.	Nom.	Max.	Min.	Nom.	Max.	Min.	Nom.	Max.			
4MXS68F2V1B	1.5+1.5+1.5+1.5	1.94	1.94	1.94	1.94	2.42	7.76	9.68	0.52	1.62	2.30	2.3	7.1	10.1	99	4.79	A
	1.5+1.5+1.5+2.0	1.89	1.89	1.89	2.52	2.42	8.18	9.86	0.52	1.78	2.38	2.3	7.8	10.5	99	4.60	A
	1.5+1.5+1.5+2.5	1.84	1.84	1.84	3.07	2.52	8.60	9.96	0.53	1.94	2.34	2.3	8.5	10.3	99	4.43	A
	1.5+1.5+1.5+3.5	1.61	1.61	1.61	3.76	2.72	8.60	10.06	0.57	1.94	2.40	2.5	8.5	10.5	99	4.43	A
	1.5+1.5+1.5+4.2	1.48	1.48	1.48	4.15	2.73	8.60	10.06	0.56	1.93	2.39	2.5	8.5	10.5	99	4.46	A
	1.5+1.5+1.5+5.0	1.36	1.36	1.36	4.53	3.04	8.60	10.12	0.63	1.89	2.31	2.8	8.3	10.1	99	4.55	A
	1.5+1.5+1.5+6.0	1.23	1.23	1.23	4.91	2.98	8.60	10.46	0.48	1.66	2.15	2.1	7.3	9.4	99	5.18	A
	1.5+1.5+2.0+2.0	1.84	1.84	2.46	2.46	2.42	8.60	10.04	0.52	1.94	2.46	2.3	8.5	10.8	99	4.43	A
	1.5+1.5+2.0+2.5	1.72	1.72	2.29	2.87	2.52	8.60	10.13	0.53	1.94	2.42	2.3	8.5	10.6	99	4.43	A
	1.5+1.5+2.0+3.5	1.52	1.52	2.02	3.54	2.72	8.60	10.23	0.57	1.94	2.47	2.5	8.5	10.8	99	4.43	A
	1.5+1.5+2.0+4.2	1.40	1.40	1.87	3.93	2.73	8.60	10.24	0.56	1.93	2.47	2.5	8.5	10.8	99	4.46	A
	1.5+1.5+2.0+5.0	1.29	1.29	1.72	4.30	3.04	8.60	10.30	0.63	1.89	2.39	2.8	8.3	10.5	99	4.55	A
	1.5+1.5+2.0+6.0	1.17	1.17	1.56	4.69	2.98	8.60	10.64	0.48	1.66	2.22	2.1	7.3	9.7	99	5.18	A
	1.5+1.5+2.5+2.5	1.61	1.61	2.69	2.69	2.62	8.60	10.14	0.55	1.94	2.42	8.5	2.4	10.6	99	4.43	A
	1.5+1.5+2.5+3.5	1.43	1.43	2.39	3.34	2.92	8.60	10.24	0.63	1.94	2.47	8.5	2.8	10.8	99	4.43	A
	1.5+1.5+2.5+4.2	1.33	1.33	2.22	3.72	2.92	8.60	10.24	0.62	1.93	2.47	8.5	2.7	10.8	99	4.46	A
	1.5+1.5+2.5+5.0	1.23	1.23	2.05	4.10	3.04	8.60	10.48	0.63	1.89	2.46	8.3	2.8	10.8	99	4.55	A
	1.5+1.5+3.5+3.5	1.29	1.29	3.01	3.01	3.12	8.60	10.34	0.68	1.93	2.50	8.5	3.0	11.0	99	4.46	A
	1.5+1.5+3.5+4.2	1.21	1.21	2.81	3.38	2.93	8.60	10.43	0.62	1.89	2.54	8.3	2.7	11.2	99	4.55	A
	1.5+2.0+2.0+2.0	1.72	2.29	2.29	2.29	2.42	8.60	10.22	0.52	1.94	2.54	8.5	2.3	11.2	99	4.43	A
	1.5+2.0+2.0+2.5	1.61	2.15	2.15	2.69	2.52	8.60	10.31	0.53	1.94	2.49	8.5	2.3	10.9	99	4.43	A
	1.5+2.0+2.0+3.5	1.43	1.91	1.91	3.34	2.72	8.60	10.41	0.57	1.94	2.55	8.5	2.5	11.2	99	4.43	A
	1.5+2.0+2.0+4.2	1.33	1.77	1.77	3.72	2.73	8.60	10.42	0.56	1.93	2.55	8.5	2.5	11.2	99	4.46	A
	1.5+2.0+2.0+5.0	1.23	1.64	1.64	4.10	3.04	8.60	10.48	0.63	1.89	2.46	8.3	2.8	10.8	99	4.55	A
	1.5+2.0+2.5+2.5	1.52	2.02	2.53	2.53	2.62	8.60	10.31	0.55	1.94	2.49	8.5	2.4	10.9	99	4.43	A
	1.5+2.0+2.5+3.5	1.36	1.81	2.26	3.17	2.92	8.60	10.41	0.63	1.94	2.55	8.5	2.8	11.2	99	4.43	A
	1.5+2.0+2.5+4.2	1.26	1.69	2.11	3.54	2.92	8.60	10.42	0.62	1.93	2.55	8.5	2.7	11.2	99	4.46	A
	1.5+2.0+2.5+5.0	1.17	1.56	1.95	3.91	3.04	8.60	10.66	0.63	1.89	2.54	8.3	2.8	11.2	99	4.55	A
	1.5+2.0+3.5+3.5	1.23	1.64	2.87	2.87	3.12	8.60	10.51	0.68	1.93	2.58	8.5	3.0	11.3	99	4.46	A
	1.5+2.5+2.5+2.5	1.43	2.39	2.39	2.39	2.72	8.60	10.32	0.58	1.94	2.49	8.5	2.5	10.9	99	4.43	A
	1.5+2.5+2.5+3.5	1.29	2.15	2.15	3.01	3.02	8.60	10.50	0.66	1.93	2.59	8.5	2.9	11.4	99	4.46	A
	1.5+2.5+2.5+4.2	1.21	2.01	2.01	3.38	2.92	8.60	10.59	0.62	1.93	2.62	8.5	2.7	11.5	99	4.46	A
	1.5+2.5+3.5+3.5	1.17	1.95	2.74	2.74	3.12	8.60	10.60	0.68	1.90	2.62	8.3	3.0	11.5	99	4.53	A
	2.0+2.0+2.0+2.0	2.15	2.15	2.15	2.15	2.42	8.60	10.39	0.52	1.91	2.61	8.4	2.3	11.5	99	4.50	A
	2.0+2.0+2.0+2.5	2.02	2.02	2.02	2.54	2.52	8.60	10.48	0.53	1.91	2.57	8.4	2.3	11.3	99	4.50	A
	2.0+2.0+2.0+3.5	1.81	1.81	1.81	3.17	2.72	8.60	10.58	0.57	1.90	2.63	8.3	2.5	11.6	99	4.53	A
	2.0+2.0+2.0+4.2	1.69	1.69	1.69	3.54	2.73	8.60	10.59	0.56	1.90	2.63	8.3	2.5	11.6	99	4.53	A
	2.0+2.0+2.0+5.0	1.56	1.56	1.56	3.92	3.04	8.60	10.65	0.63	1.86	2.54	8.2	2.8	11.2	99	4.62	A
	2.0+2.0+2.5+2.5	1.91	1.91	2.39	2.39	2.62	8.60	10.49	0.55	1.91	2.57	8.4	2.4	11.3	99	4.50	A
	2.0+2.0+2.5+3.5	1.72	1.72	2.15	3.01	2.92	8.60	10.59	0.60	1.90	2.63	8.3	2.6	11.6	99	4.53	A
	2.0+2.0+2.5+4.2	1.61	1.61	2.01	3.38	2.92	8.60	10.59	0.60	1.90	2.63	8.3	2.6	11.6	99	4.53	A
	2.0+2.0+3.5+3.5	1.56	1.56	2.74	2.74	3.12	8.60	10.69	0.65	1.90	2.66	8.3	2.9	11.7	99	4.53	A
	2.0+2.5+2.5+2.5	1.82	2.26	2.26	2.26	2.72	8.60	10.49	0.57	1.91	2.57	8.4	2.5	11.3	99	4.50	A
	2.0+2.5+2.5+3.5	1.64	2.05	2.05	2.86	3.02	8.60	10.68	0.63	1.90	2.67	8.3	2.8	11.7	99	4.53	A
	2.5+2.5+2.5+2.5	2.15	2.15	2.15	2.15	2.82	8.60	10.67	0.57	1.91	2.59	8.4	2.5	11.4	99	4.50	A
	2.5+2.5+2.5+3.5	1.95	1.95	1.95	2.75	3.12	8.60	10.68	0.64	1.88	2.58	8.3	2.8	11.3	99	4.57	A

Notes: 1. Cooling capacity is based on 27°CDB/19°CWB (Indoor temperature). 35°CDB (Outdoor temperature).
Heating capacity is based on 20°CDB (Indoor temperature). 7°CDB/6°CWB (Outdoor temperature).
2. The total ability of connected a indoor unit is up to 11.0kW.
3. It is impossible to connect the indoor unit for one room only.
4. The above is the value for connecting with the following indoor units.
1.5. 2.0. 2.5. 3.5 kW class; wall mounted K series
4.2. 5.0 kW class; wall mounted J series
6.0 kW class; wall mounted G series

* This page contains preliminary data

COOLING

OUTDOOR UNIT	INDOOR UNIT	COOLING CAPACITY (kW)				TOTAL CAPACITY (kW)			POWER INPUT COOLING (kW)			TOTAL CURRENT (A)			POWER FACTOR (%)	EER	ENERGY LABEL	AEC (kWh)
		A ROOM	B ROOM	C ROOM	D ROOM	Min.	Nom.	Max.	Min.	Nom.	Max.	Min.	Nom.	Max.				
4MXS80E7V3B	1.5	1.50	---	---	---	1.42	1.50	2.35	0.43	0.48	0.74	1.9	2.1	3.3	98	3.13	B	240
	2.0	2.00	---	---	---	1.43	2.00	2.99	0.43	0.61	1.10	1.9	2.7	4.9	98	3.28	A	305
	2.5	2.50	---	---	---	1.45	2.50	3.52	0.47	0.78	1.33	2.1	3.5	5.9	98	3.21	A	390
	3.5	3.50	---	---	---	1.49	3.50	4.80	0.47	1.19	1.82	2.1	5.3	8.1	98	2.94	C	595
	4.2	4.20	---	---	---	1.99	4.20	5.17	0.53	1.52	1.92	2.4	6.7	8.5	98	2.76	D	760
	5.0	5.00	---	---	---	2.07	5.00	5.70	0.49	1.82	2.08	2.2	8.1	9.2	98	2.75	D	910
	6.0	6.00	---	---	---	2.17	6.00	6.60	0.50	1.99	2.38	2.2	8.8	10.6	98	3.02	B	995
	7.1	7.10	---	---	---	2.28	7.10	7.37	0.50	2.69	2.88	2.2	11.9	12.8	98	2.64	D	1345
	1.5+1.5	1.50	1.50	---	---	1.89	3.00	4.03	0.46	0.83	1.09	2.0	3.7	4.8	98	3.61	A	415
	1.5+2.0	1.50	2.00	---	---	1.91	3.50	4.51	0.50	1.00	1.28	2.2	4.4	5.7	98	3.50	A	500
	1.5+2.5	1.50	2.50	---	---	1.97	4.00	4.97	0.46	1.14	1.38	2.0	5.1	6.1	98	3.51	A	570
	1.5+3.5	1.50	3.50	---	---	2.07	5.00	5.83	0.46	1.52	1.82	2.0	6.7	8.1	98	3.29	A	760
	1.5+4.2	1.50	4.20	---	---	2.14	5.70	6.38	0.50	1.88	2.10	2.2	8.3	9.3	98	3.03	B	940
	1.5+5.0	1.50	5.00	---	---	2.22	6.50	6.95	0.51	2.22	2.51	2.3	9.8	11.1	98	2.93	C	1110
	1.5+6.0	1.44	5.75	---	---	2.34	7.19	7.59	0.55	2.42	2.67	2.4	10.7	11.8	98	2.97	C	1210
	1.5+7.1	1.30	6.15	---	---	2.49	7.45	8.19	0.59	2.61	3.08	2.6	11.6	13.7	98	2.85	C	1305
	2.0+2.0	2.00	2.00	---	---	1.97	4.00	5.30	0.50	1.23	1.67	2.2	5.5	7.4	98	3.25	A	615
	2.0+2.5	2.00	2.50	---	---	2.02	4.50	5.73	0.50	1.38	1.77	2.2	6.1	7.9	98	3.26	A	690
	2.0+3.5	2.00	3.50	---	---	2.12	5.50	6.31	0.50	1.77	2.44	2.2	7.9	10.8	98	3.11	B	885
	2.0+4.2	2.00	4.20	---	---	2.19	6.20	6.77	0.50	2.21	2.56	2.2	9.8	11.4	98	2.81	C	1105
	2.0+5.0	2.00	5.00	---	---	2.27	7.00	7.30	0.51	2.51	2.76	2.3	11.1	12.2	98	2.79	D	1255
	2.0+6.0	1.83	5.48	---	---	2.41	7.31	7.90	0.55	2.48	2.87	2.4	11.0	12.7	98	2.95	C	1240
	2.0+7.1	1.66	5.90	---	---	2.56	7.56	8.45	0.59	2.67	3.29	2.6	11.8	14.6	98	2.83	C	1335
	2.5+2.5	2.50	2.50	---	---	2.07	5.00	6.12	0.46	1.47	2.44	2.0	6.5	10.8	98	3.40	A	735
	2.5+3.5	2.50	3.50	---	---	2.17	6.00	6.60	0.50	1.99	2.38	2.2	8.8	10.6	98	3.02	B	995
	2.5+4.2	2.50	4.20	---	---	2.24	6.70	7.11	0.50	2.44	2.63	2.2	10.8	11.7	98	2.75	D	1220
	2.5+5.0	2.40	4.79	---	---	2.34	7.19	7.59	0.54	2.64	2.96	2.4	11.7	13.1	98	2.72	D	1320
	2.5+6.0	2.18	5.24	---	---	2.48	7.42	8.16	0.59	2.60	3.07	2.6	11.5	13.6	98	2.85	C	1300
	2.5+7.1	2.00	5.68	---	---	2.63	7.68	8.66	0.59	2.74	3.43	2.6	12.2	15.2	98	2.80	C	1370
	3.5+3.5	3.50	3.50	---	---	2.27	7.00	7.30	0.50	2.63	2.88	2.2	11.7	12.8	98	2.66	D	1315
	3.5+4.2	3.29	3.95	---	---	2.37	7.24	7.73	0.54	2.82	3.08	2.4	12.5	13.7	98	2.57	E	1410
	3.5+5.0	3.06	4.36	---	---	2.48	7.42	8.16	0.58	2.83	3.37	2.6	12.6	15.0	98	2.62	D	1415
	3.5+6.0	2.82	4.83	---	---	2.61	7.65	8.62	0.59	2.74	4.11	2.6	12.2	18.2	98	2.79	D	1370
	3.5+7.1	2.61	5.30	---	---	2.77	7.91	8.31	0.63	2.87	3.15	2.8	12.7	14.0	98	2.76	D	1435
	4.2+4.2	3.70	3.70	---	---	2.46	7.40	8.11	0.58	2.88	3.42	2.6	12.8	15.2	98	2.57	E	1440
	4.2+5.0	3.46	4.12	---	---	2.57	7.58	8.48	0.58	2.96	3.59	2.6	13.1	15.9	98	2.56	E	1480
	4.2+6.0	3.22	4.60	---	---	2.71	7.82	8.89	0.63	2.80	3.66	2.8	12.4	16.2	98	2.79	D	1400
	4.2+7.1	2.97	5.03	---	---	2.86	8.00	9.16	0.67	2.94	3.82	3.0	13.0	16.9	98	2.72	D	1470
	5.0+5.0	3.88	3.88	---	---	2.68	7.76	8.66	0.62	2.98	3.62	2.8	13.2	16.1	98	2.60	D	1490
	5.0+6.0	3.64	4.36	---	---	2.82	8.00	9.14	0.67	2.88	3.69	3.0	12.8	16.4	98	2.78	D	1440
	5.0+7.1	3.31	4.69	---	---	2.97	8.00	9.35	0.67	2.82	3.85	3.0	12.5	17.1	98	2.84	C	1410
	6.0+6.0	4.00	4.00	---	---	2.96	8.00	9.39	0.67	2.65	3.60	3.0	11.8	16.0	98	3.02	B	1325
	6.0+7.1	3.66	4.34	---	---	3.11	8.00	9.55	0.71	2.58	3.76	3.1	11.4	16.7	98	3.10	B	1290
	7.1+7.1	4.00	4.00	---	---	3.26	8.00	9.60	0.75	2.51	3.77	3.3	11.1	16.7	98	3.19	B	1255
	1.5+1.5+1.5	1.50	1.50	1.50	---	2.02	4.50	5.41	0.48	1.14	1.47	2.1	5.1	6.5	98	3.95	A	570
	1.5+1.5+2.0	1.50	1.50	2.00	---	2.07	5.00	5.83	0.52	1.28	1.67	2.3	5.7	7.4	98	3.91	A	640
	1.5+1.5+2.5	1.50	1.50	2.50	---	2.12	5.50	6.23	0.52	1.52	1.89	2.3	6.7	8.4	98	3.62	A	760
	1.5+1.5+3.5	1.50	1.50	3.50	---	2.22	6.50	6.95	0.52	2.00	2.29	2.3	8.9	10.2	98	3.25	A	1000
	1.5+1.5+4.2	1.48	1.48	4.15	---	2.30	7.12	7.41	0.52	2.35	2.54	2.3	10.4	11.3	98	3.03	B	1175
	1.5+1.5+5.0	1.37	1.37	4.57	---	2.41	7.31	7.88	0.56	2.43	2.75	2.5	10.8	12.2	98	3.01	B	1215
	1.5+1.5+6.0	1.26	1.26	5.03	---	2.55	7.54	8.38	0.60	2.32	2.85	2.7	10.3	12.6	98	3.25	A	1160
	1.5+1.5+7.1	1.16	1.16	5.48	---	2.70	7.79	8.84	0.64	2.45	3.14	2.8	10.9	13.9	98	3.18	B	1225
	1.5+2.0+2.0	1.50	2.00	2.00	---	2.12	5.50	6.23	0.52	1.52	1.89	2.3	6.7	8.4	98	3.62	A	760
	1.5+2.0+2.5	1.50	2.00	2.50	---	2.17	6.00	6.60	0.52	1.73	2.06	2.3	7.7	9.1	98	3.47	A	865
	1.5+2.0+3.5	1.50	2.00	3.50	---	2.27	7.00	7.28	0.52	2.29	2.48	2.3	10.2	11.0	98	3.06	B	1145
	1.5+2.0+4.2	1.41	1.88	3.95	---	2.37	7.24	7.71	0.55	2.42	2.74	2.4	10.7	12.2	98	2.99	C	1210
	1.5+2.0+5.0	1.31	1.75	4.36	---	2.48	7.42	8.14	0.59	2.49	2.95	2.6	11.0	13.1	98	2.98	C	1245
	1.5+2.0+6.0	1.21	1.61	4.83	---	2.61	7.65	8.60	0.60	2.38	3.00	2.7	10.6	13.3	98	3.21	A	1190
	1.5+2.0+7.1	1.12	1.49	5.30	---	2.77	7.91	9.01	0.64	2.51	3.29	2.8	11.1	14.6	98	3.15	B	1255
	1.5+2.5+2.5	1.50	2.50	2.50	---	2.22	6.50	6.95	0.52	2.00	2.29	2.3	8.9	10.2	98	3.25	A	1000
	1.5+2.5+3.5	1.44	2.40	3.36	---	2.34	7.19	7.59	0.55	2.42	2.67	2.4	10.7	11.8	98	2.97	C	1210
	1.5+2.5+4.2	1.34	2.24	3.76	---	2.44	7.35	7.99	0.55	2.54	2.94	2.4	11.3	13.0	98	2.89	C	1270
	1.5+2.5+5.0	1.26	2.09	4.19	---	2.55	7.54	8.38	0.59	2.55	3.10	2.6	11.3	13.8	98	2.96	C	1275
	1.5+2.5+6.0	1.17	1.94	4.66	---	2.68	7.77	8.80	0.60	2.45	3.14	2.7	10.9	13.9	98	3.17	B	1225
	1.5+2.5+7.1	1.08	1.80	5.12	---	2.83	8.00	9.16	0.64	2.58	3.37	2.8	11.4	15.0	98	3.10	B	1290
	1.5+3.5+3.5	1.31	3.06	3.06	---	2.48	7.42	8.14	0.59	2.54	3.08	2.6	11.3	13.7	98	2.92	C	1270
	1.5+3.5+4.2	1.24	2.88	3.46	---	2.57	7.58	8.47	0.59	2.67	3.29	2.6	11.8	14.6	98	2.84	C	1335
	1.5+3.5+5.0	1.17	2.72	3.89	---	2.68	7.77	8.80	0.63	2.68	3.46	2.8	11.9	15.4	98	2.90	C	1340
	1.5+3.5+6.0	1.09	2.55	4.36	---	2.82	8.00	9.13	0.64	2.58	3.37	2.8	11.4	15.0	98	3.10	B	1290
	1.5+3.5+7.1	0.99	2.31	4.69	---	2.97	8.00	9.39	0.67	2.51	3.61	3.0	11.1	16.0	98	3.19	B	1255
	1.5+4.2+4.2	1.17	3.29	3.29	---	2.67	7.75	8.76	0.63	2.67	3.51	2.8	11.8	15.6	98	2.90	C	1335
	1.5+4.2+5.0	1.11	3.11	3.71	---	2.78	7.93	9.04	0.63	2.68	3.61	2.8	11.9	16.0	98	2.96	C	1340
	1.5+4.2+6.0	1.03	2.87	4.10	---	2.92	8.00	9.30	0.67	2.51	3.53	3.0	11.1	15.7	98	3.19	B	1255
	1.5+4.2+7.1	0.94	2.63	4.44	---	3.07	8.00	9.50	0.71	2.52	3.69	3.1	11.2	16.4	98	3.17	B	1260
	1.5+5.0+5.0	1.04	3.48	3.48	---	2.89	8.00	9.26	0.67	2.76	3.72	3.0	12.2	16.5	98	2.90	C	1380
	1.5+5.0+6.0	0.96	3.20	3.84	---	3.03	8.00	9.45	0.68	2.46	3.55	3.0	10.9	15.7	98	3.25	A	1230
	1.5+5.0+7.1	0.88	2.94	4.18	---	3.18	8.00	9.57	0.71	2.39	3.63	3.1	10.6	16.1	98	3.35	A	1195
	1.5+6.0+6.0	0.89	3.56	3.56	---	3.16	8.00	9.56	0.72	2.28	3.29	3.2	10.1	14.6	98	3.51	A	1140
	2.0+2.0+2.0	2.00	2.00	2.00	---	2.17	6.00	6.63	0.52	1.73	2.12	2.3	7.7	9.4	98	3.47	A	865
	2.0+2.0+2.5	2.00	2.00	2.50	---	2.22	6.50	6.95	0.52	2.00	2.29	2.3	8.9	10.2	98	3.25	A	1000
	2.0+2.0+3.5	1.92	1.92	3.36	---	2.34	7.19	7.61	0.55	2.42	2.67	2.4	10.7	11.8	98	2.97	C	1210
	2.0+2.0+4.2	1.79	1.79	3.76	---	2.44	7.35	8.01	0.55	2.54	2.87	2.4	11.3	12.7	98	2.89	C	1270
	2.0+2.0+5.0	1.68	1.68	4.19	---	2.55	7.54	8.40	0.59	2.55	3.17	2.6	11.3	14.1	98	2.96	C	1275

Notes: 1. Cooling capacity is based on 27°CDB/19°CWB (Indoor temperature). 35°CDB (Outdoor temperature).
Heating capacity is based on 20°CDB (Indoor temperature). 7°CDB/6°CWB (Outdoor temperature).
2. The total ability of connected a indoor unit is up to 14.5kW.
3. It is impossible to connect the indoor unit for one room only.
4. The above is the value for connecting with the following indoor units.
1.5. 2.0. 2.5. 3.5 kW class; wall mounted K series
4.2. 5.0 kW class; wall mounted J series
6.0. 7.1 kW class; wall mounted G series

* This page contains preliminary data

COOLING

OUTDOOR UNIT	INDOOR UNIT	COOLING CAPACITY (kW)				TOTAL CAPACITY (kW)			POWER INPUT COOLING (kW)			TOTAL CURRENT (A)			POWER FACTOR (%)	EER	ENERGY LABEL	AEC (kWh)
		A ROOM	B ROOM	C ROOM	D ROOM	Min.	Nom.	Max.	Min.	Nom.	Max.	Min.	Nom.	Max.				
4MXS80E7V3B	2.0+2.0+6.0	1.55	1.55	4.66	---	7.77	2.68	8.82	2.45	0.60	3.14	10.9	2.7	13.9	98	3.17	B	1225
	2.0+2.0+7.1	1.44	1.44	5.12	---	8.00	2.83	9.18	2.58	0.64	3.45	11.4	2.8	15.3	98	3.10	B	1290
	2.0+2.5+2.5	2.00	2.50	2.50	---	7.00	2.27	7.30	2.29	0.52	2.48	10.2	2.3	11.0	98	3.06	B	1145
	2.0+2.5+3.5	1.83	2.28	3.20	---	7.31	2.41	7.90	2.48	0.55	2.87	11.0	2.4	12.7	98	2.95	C	1240
	2.0+2.5+4.2	1.72	2.15	3.61	---	7.47	2.50	8.26	2.61	0.59	3.01	11.6	2.6	13.4	98	2.86	C	1305
	2.0+2.5+5.0	1.61	2.01	4.03	---	7.65	2.61	8.62	2.62	0.59	3.31	11.6	2.6	14.7	98	2.92	C	1310
	2.0+2.5+6.0	1.50	1.88	4.50	---	7.88	2.75	8.99	2.51	0.64	3.29	11.1	2.8	14.6	98	3.14	B	1255
	2.0+2.5+7.1	1.38	1.72	4.90	---	8.00	2.90	9.30	2.58	0.67	3.53	11.4	3.0	15.7	98	3.10	B	1290
	2.0+3.5+3.5	1.68	2.93	2.93	---	7.54	2.55	8.40	2.67	0.59	3.22	11.8	2.6	14.3	98	2.82	C	1335
	2.0+3.5+4.2	1.59	2.78	3.33	---	7.70	2.64	8.70	2.74	0.63	3.37	12.2	2.8	15.0	98	2.81	C	1370
	2.0+3.5+5.0	1.50	2.63	3.75	---	7.88	2.75	8.99	2.75	0.63	3.61	12.2	2.8	16.0	98	2.87	C	1375
	2.0+3.5+6.0	1.39	2.43	4.17	---	8.00	2.89	9.28	2.58	0.67	3.52	11.4	3.0	15.6	98	3.10	B	1290
	2.0+3.5+7.1	1.27	2.22	4.51	---	8.00	3.04	9.10	2.51	0.67	3.30	11.1	3.0	14.6	98	3.19	B	1255
	2.0+4.2+4.2	1.51	3.17	3.17	---	7.86	2.74	8.99	2.74	0.63	3.66	12.2	2.8	16.2	98	2.87	C	1370
	2.0+4.2+5.0	1.43	3.00	3.57	---	8.00	2.85	9.23	2.75	0.67	3.77	12.2	3.0	16.7	98	2.91	C	1375
	2.0+4.2+6.0	1.31	2.75	3.93	---	8.00	2.98	9.45	2.51	0.67	3.60	11.1	3.0	16.0	98	3.19	B	1255
	2.0+4.2+7.1	1.20	2.53	4.27	---	8.00	3.14	9.60	2.52	0.71	3.69	11.2	3.1	16.4	98	3.17	B	1260
	2.0+5.0+5.0	1.33	3.33	3.33	---	8.00	2.96	9.39	2.76	0.67	3.80	12.2	3.0	16.9	98	2.90	C	1380
	2.0+5.0+6.0	1.23	3.08	3.69	---	8.00	3.09	9.54	2.46	0.71	3.63	10.9	3.1	16.1	98	3.25	A	1230
	2.0+5.0+7.1	1.13	2.84	4.03	---	8.00	3.25	9.60	2.39	0.71	3.63	10.6	3.1	16.1	98	3.35	A	1195
	2.0+6.0+6.0	1.14	3.43	3.43	---	8.00	3.23	9.60	2.28	0.72	3.37	10.1	3.2	15.0	98	3.51	A	1140
	2.5+2.5+2.5	2.40	2.40	2.40	---	7.20	2.34	7.61	2.42	0.55	2.67	10.7	2.4	11.8	98	2.98	C	1210
	2.5+2.5+3.5	2.18	2.18	3.06	---	7.42	2.48	8.16	2.54	0.59	3.08	11.3	2.6	13.7	98	2.92	C	1270
	2.5+2.5+4.2	2.06	2.06	3.46	---	7.58	2.57	8.49	2.67	0.59	3.29	11.8	2.6	14.6	98	2.84	C	1335
	2.5+2.5+5.0	1.94	1.94	3.89	---	7.77	2.68	8.82	2.68	0.63	3.46	11.9	2.8	15.4	98	2.90	C	1340
	2.5+2.5+6.0	1.82	1.82	4.36	---	8.00	2.82	9.15	2.58	0.64	3.45	11.4	2.8	15.3	98	3.10	B	1290
	2.5+2.5+7.1	1.65	1.65	4.69	---	8.00	2.97	9.41	2.51	0.67	3.61	11.1	3.0	16.0	98	3.19	B	1255
	2.5+3.5+3.5	2.01	2.82	2.82	---	7.65	2.61	8.34	2.74	0.59	3.01	12.2	2.6	13.4	98	2.79	D	1370
	2.5+3.5+4.2	1.92	2.68	3.22	---	7.82	2.71	8.89	2.80	0.63	3.44	12.4	2.8	15.3	98	2.79	D	1400
	2.5+3.5+5.0	1.82	2.55	3.64	---	8.00	2.82	9.15	2.82	0.67	3.69	12.5	3.0	16.4	98	2.84	C	1410
	2.5+3.5+6.0	1.67	2.33	4.00	---	8.00	2.96	9.39	2.58	0.67	3.60	11.4	3.0	16.0	98	3.10	B	1290
	2.5+3.5+7.1	1.53	2.14	4.34	---	8.00	3.11	9.10	2.51	0.71	3.30	11.1	3.1	14.6	98	3.19	B	1255
	2.5+4.2+4.2	1.83	3.07	3.07	---	7.98	2.81	9.02	2.87	0.67	3.67	12.7	3.0	16.3	98	2.78	D	1435
	2.5+4.2+5.0	1.71	2.87	3.42	---	8.00	2.92	9.35	2.82	0.67	3.85	12.5	3.0	17.1	98	2.84	C	1410
	2.5+4.2+6.0	1.57	2.65	3.78	---	8.00	3.05	9.53	2.58	0.67	3.68	11.4	3.0	16.3	98	3.10	B	1290
	2.5+4.2+7.1	1.45	2.43	4.12	---	8.00	3.20	9.63	2.52	0.71	3.77	11.2	3.1	16.7	98	3.17	B	1260
	2.5+5.0+5.0	1.60	3.20	3.20	---	8.00	3.03	9.47	2.76	0.71	3.88	12.2	3.1	17.2	98	2.90	C	1380
	2.5+5.0+6.0	1.48	2.96	3.56	---	8.00	3.16	9.58	2.46	0.71	3.63	10.9	3.1	16.1	98	3.25	A	1230
	2.5+6.0+6.0	1.38	3.31	3.31	---	8.00	3.30	9.60	2.22	0.72	3.37	9.8	3.2	15.0	98	3.60	A	1110
	3.5+3.5+3.5	2.63	2.63	2.63	---	7.89	2.75	8.67	2.87	0.63	3.15	12.7	2.8	14.0	98	2.75	D	1435
	3.5+3.5+4.2	2.50	2.50	3.00	---	8.01	2.85	9.29	2.94	0.67	3.66	13.0	3.0	16.2	98	2.72	D	1470
	3.5+3.5+5.0	2.33	2.33	3.33	---	8.00	2.96	9.35	2.82	0.67	3.85	12.5	3.0	17.1	98	2.84	C	1410
	3.5+3.5+6.0	2.15	2.15	3.69	---	8.00	3.09	9.11	2.58	0.71	3.37	11.4	3.1	15.0	98	3.10	B	1290
	3.5+3.5+7.1	1.99	1.99	4.03	---	8.00	3.25	9.60	2.52	0.75	3.77	11.2	3.3	16.7	98	3.17	B	1260
	3.5+4.2+4.2	2.35	2.82	2.82	---	8.00	2.94	9.18	2.87	0.67	3.82	12.7	3.0	16.9	98	2.79	D	1435
	3.5+4.2+5.0	2.20	2.65	3.15	---	8.00	3.05	9.36	2.75	0.71	3.85	12.2	3.1	17.1	98	2.91	C	1375
	3.5+4.2+6.0	2.04	2.45	3.50	---	8.00	3.19	9.59	2.51	0.71	3.77	11.1	3.1	16.7	98	3.19	B	1255
	3.5+5.0+5.0	2.07	2.96	2.96	---	8.00	3.16	9.55	2.76	0.71	3.88	12.2	3.1	17.2	98	2.90	C	1380
	3.5+5.0+6.0	1.93	2.76	3.31	---	8.00	3.30	9.60	2.46	0.75	3.63	10.9	3.3	16.1	98	3.25	A	1230
	4.2+4.2+4.2	2.67	2.67	2.67	---	8.00	3.04	9.19	2.87	0.71	3.82	12.7	3.1	16.9	98	2.79	D	1435
	4.2+4.2+5.0	2.51	2.51	2.99	---	8.00	3.15	9.37	2.75	0.71	3.85	12.2	3.1	17.1	98	2.91	C	1375
	4.2+4.2+6.0	2.33	2.33	3.33	---	8.00	3.29	9.60	2.51	0.75	3.77	11.1	3.3	16.7	98	3.19	B	1255
	4.2+5.0+5.0	2.37	2.82	2.82	---	8.00	3.26	9.56	2.70	0.75	3.88	12.0	3.3	17.2	98	2.96	C	1350
	1.5+1.5+1.5+1.5	1.50	1.50	1.50	1.50	6.00	2.17	6.60	1.47	0.53	1.73	6.5	2.4	7.7	98	4.08	A	735
	1.5+1.5+1.5+2.0	1.50	1.50	1.50	2.00	6.50	2.22	6.95	1.68	0.53	1.90	7.5	2.4	8.4	98	3.87	A	840
	1.5+1.5+1.5+2.5	1.50	1.50	1.50	2.50	7.00	2.27	7.28	1.90	0.53	2.07	8.4	2.4	9.2	98	3.68	A	950
	1.5+1.5+1.5+3.5	1.37	1.37	1.37	3.20	7.31	2.41	7.88	2.07	0.56	2.38	9.2	2.5	10.6	98	3.53	A	1035
	1.5+1.5+1.5+4.2	1.29	1.29	1.29	3.61	7.47	2.50	8.24	2.13	0.56	2.58	9.4	2.5	11.4	98	3.51	A	1065
	1.5+1.5+1.5+5.0	1.21	1.21	1.21	4.03	7.65	2.61	8.60	2.33	0.60	2.87	10.3	2.7	12.7	98	3.28	A	1165
	1.5+1.5+1.5+6.0	1.13	1.13	1.13	4.50	7.88	2.75	8.97	2.22	0.61	2.91	9.8	2.7	12.9	98	3.55	A	1110
	1.5+1.5+1.5+7.1	1.03	1.03	1.03	4.90	8.00	2.90	9.28	2.22	0.64	3.06	9.8	2.8	13.6	98	3.60	A	1110
	1.5+1.5+2.0+2.0	1.50	1.50	2.00	2.00	7.00	2.27	7.28	1.90	0.53	2.07	8.4	2.4	9.2	98	3.68	A	950
	1.5+1.5+2.0+2.5	1.44	1.44	1.92	2.40	7.19	2.34	7.59	2.02	0.56	2.20	9.0	2.5	9.8	98	3.56	A	1010
	1.5+1.5+2.0+3.5	1.31	1.31	1.75	3.06	7.42	2.48	8.14	2.13	0.56	2.51	9.4	2.5	11.1	98	3.48	A	1065
	1.5+1.5+2.0+4.2	1.24	1.24	1.65	3.46	7.58	2.57	8.47	2.20	0.60	2.72	9.8	2.7	12.1	98	3.45	A	1100
	1.5+1.5+2.0+5.0	1.17	1.17	1.55	3.89	7.77	2.68	8.80	2.39	0.60	3.01	10.6	2.7	13.4	98	3.25	A	1195
	1.5+1.5+2.0+6.0	1.09	1.09	1.45	4.36	8.00	2.82	9.13	2.28	0.64	2.98	10.1	2.8	13.2	98	3.51	A	1140
	1.5+1.5+2.0+7.1	0.99	0.99	1.32	4.69	8.00	2.97	9.39	2.22	0.68	3.14	9.8	3.0	13.9	98	3.60	A	1110
	1.5+1.5+2.5+2.5	1.37	1.37	2.28	2.28	7.31	2.41	7.88	2.07	0.56	2.38	9.2	2.5	10.6	98	3.53	A	1035
	1.5+1.5+2.5+3.5	1.26	1.26	2.09	2.93	7.54	2.55	8.38	2.32	0.60	2.86	10.3	2.7	12.7	98	3.25	A	1160
	1.5+1.5+2.5+4.2	1.19	1.19	1.98	3.33	7.70	2.64	8.68	2.38	0.60	3.07	10.6	2.7	13.6	98	3.24	A	1190
	1.5+1.5+2.5+5.0	1.13	1.13	1.88	3.75	7.88	2.75	8.97	2.46	0.64	3.16	10.9	2.8	14.0	98	3.20	A	1230
	1.5+1.5+2.5+6.0	1.04	1.04	1.74	4.17	8.00	2.89	9.26	2.28	0.64	3.06	10.1	2.8	13.6	98	3.51	A	1140
	1.5+1.5+2.5+7.1	0.95	0.95	1.59	4.51	8.00	3.04	9.47	2.22	0.68	3.21	9.8	3.0	14.2	98	3.60	A	1110
	1.5+1.5+3.5+3.5	1.17	1.17	2.72	2.72	7.77	2.68	8.80	2.45	0.60	3.15	10.9	2.7	14.0	98	3.17	B	1225
	1.5+1.5+3.5+4.2	1.11	1.11	2.59	3.11	7.93	2.78	9.04	2.52	0.64	3.30	11.2	2.8	14.6	98	3.15	B	1260
	1.5+1.5+3.5+5.0	1.04	1.04	2.43	3.48	8.00	2.89	9.26	2.52	0.64	3.39	11.2	2.8	15.0	98	3.17	B	1260
	1.5+1.5+3.5+6.0	0.96	0.96	2.24	3.84	8.00	3.03	9.45	2.28	0.68	3.21	10.1	3.0	14.2	98	3.51	A	1140
	1.5+1.5+3.5+7.1	0.88	0.88	2.06	4.18	8.00	3.18	9.57	2.22	0.72	3.29	9.8	3.2	14.6	98	3.60	A	1110
	1.5+1.5+4.2+4.2	1.05	1.05	2.95	2.95	8.00	2.87	9.23	2.58	0.64	3.45	11.4	2.8	15.3	98	3.10	B	1290
	1.5+1.5+4.2+5.0	0.98	0.98	2.75	3.28	8.00	2.98	9.40	2.52	0.68	3.47	11.2	3.0	15.4	98	3.17	B	1260
	1.5+1.5+4.2+6.0	0.91	0.91	2.55	3.64	8.00	3.12	9.54	2.28	0.68	3.29	10.1	3.0	14.6	98	3.51	A	1140
	1.5+1.5+4.2+7.1	0.84	0.84	2.35	3.97	8.00	3.27	9.58	2.22	0.72	3.29	9.8	3.2	14.6	98	3.60	A	1110

Notes: 1. Cooling capacity is based on 27°CDB/19°CWB (Indoor temperature). 35°CDB (Outdoor temperature).
Heating capacity is based on 20°CDB (Indoor temperature). 7°CDB/6°CWB (Outdoor temperature).
2. The total ability of connected a indoor unit is up to 14.5kW.
3. It is impossible to connect the indoor unit for one room only.
4. The above is the value for connecting with the following indoor units.
1.5. 2.0. 2.5. 3.5 kW class; wall mounted K series
4.2. 5.0 kW class; wall mounted J series
6.0. 7.1 kW class; wall mounted G series

* This page contains preliminary data

COOLING

OUTDOOR UNIT	INDOOR UNIT	COOLING CAPACITY (kW)				TOTAL CAPACITY (kW)			POWER INPUT COOLING (kW)			TOTAL CURRENT (A)			POWER FACTOR (%)	EER	ENERGY LABEL	AEC (kWh)
		A ROOM	B ROOM	C ROOM	D ROOM	Min.	Nom.	Max.	Min.	Nom.	Max.	Min.	Nom.	Max.				
4MXS80E7V3B	1.5+1.5+5.0+5.0	0.92	0.92	3.08	3.08	8.00	3.09	9.52	2.40	0.68	3.42	10.6	3.0	15.2	98	3.33	A	1200
	1.5+1.5+5.0+6.0	0.86	0.86	2.86	3.43	8.00	3.23	9.58	2.22	0.72	3.23	9.8	3.2	14.3	98	3.60	A	1110
	1.5+2.0+2.0+2.0	1.44	1.92	1.92	1.92	7.19	2.34	7.59	2.02	0.56	2.20	9.0	2.5	9.8	98	3.56	A	1010
	1.5+2.0+2.0+2.5	1.37	1.83	1.83	2.28	7.31	2.41	7.88	2.07	0.56	2.38	9.2	2.5	10.6	98	3.53	A	1035
	1.5+2.0+2.0+3.5	1.26	1.68	1.68	2.93	7.54	2.55	8.38	2.20	0.60	2.65	9.8	2.7	11.8	98	3.43	A	1100
	1.5+2.0+2.0+4.2	1.19	1.59	1.59	3.33	7.70	2.64	8.68	2.26	0.60	2.86	10.0	2.7	12.7	98	3.41	A	1130
	1.5+2.0+2.0+5.0	1.13	1.50	1.50	3.75	7.88	2.75	8.97	2.46	0.64	3.16	10.9	2.8	14.0	98	3.20	A	1230
	1.5+2.0+2.0+6.0	1.04	1.39	1.39	4.17	8.00	2.89	9.26	2.28	0.64	3.06	10.1	2.8	13.6	98	3.51	A	1140
	1.5+2.0+2.0+7.1	0.95	1.27	1.27	4.51	8.00	3.04	9.47	2.22	0.68	3.21	9.8	3.0	14.2	98	3.60	A	1110
	1.5+2.0+2.5+2.5	1.31	1.75	2.18	2.18	7.42	2.48	8.14	2.13	0.56	2.51	9.4	2.5	11.1	98	3.48	A	1065
	1.5+2.0+2.5+3.5	1.21	1.61	2.01	2.82	7.65	2.61	8.60	2.38	0.60	3.00	10.6	2.7	13.3	98	3.21	A	1190
	1.5+2.0+2.5+4.2	1.15	1.53	1.92	3.22	7.82	2.71	8.87	2.51	0.64	3.22	11.1	2.8	14.3	98	3.12	B	1255
	1.5+2.0+2.5+5.0	1.09	1.45	1.82	3.64	8.00	2.82	9.13	2.52	0.64	3.24	11.2	2.8	14.4	98	3.17	B	1260
	1.5+2.0+2.5+6.0	1.00	1.33	1.67	4.00	8.00	2.96	9.37	2.28	0.68	3.13	10.1	3.0	13.9	98	3.51	A	1140
	1.5+2.0+2.5+7.1	0.92	1.22	1.53	4.34	8.00	3.11	9.53	2.22	0.68	3.29	9.8	3.0	14.6	98	3.60	A	1110
	1.5+2.0+3.5+3.5	1.13	1.50	2.63	2.63	7.88	2.75	8.97	2.51	0.64	3.30	11.1	2.8	14.6	98	3.14	B	1255
	1.5+2.0+3.5+4.2	1.07	1.43	2.50	3.00	8.00	2.85	9.18	2.58	0.64	3.45	11.4	2.8	15.3	98	3.10	B	1290
	1.5+2.0+3.5+5.0	1.00	1.33	2.33	3.33	8.00	2.96	9.37	2.52	0.68	3.47	11.2	3.0	15.4	98	3.17	B	1260
	1.5+2.0+3.5+6.0	0.92	1.23	2.15	3.69	8.00	3.09	9.52	2.28	0.68	3.29	10.1	3.0	14.6	98	3.51	A	1140
	1.5+2.0+3.5+7.1	0.85	1.13	1.99	4.03	8.00	3.25	9.58	2.22	0.72	3.29	9.8	3.2	14.6	98	3.60	A	1110
	1.5+2.0+4.2+4.2	1.01	1.34	2.82	2.82	8.00	2.94	9.35	2.58	0.67	3.53	11.4	3.0	15.7	98	3.10	B	1290
	1.5+2.0+4.2+5.0	0.94	1.26	2.65	3.15	8.00	3.05	9.48	2.52	0.68	3.55	11.2	3.0	15.7	98	3.17	B	1260
	1.5+2.0+4.2+6.0	0.88	1.17	2.45	3.50	8.00	3.19	9.57	2.28	0.72	3.29	10.1	3.2	14.6	98	3.51	A	1140
	1.5+2.0+5.0+5.0	0.89	1.19	2.96	2.96	8.00	3.16	9.56	2.40	0.71	3.50	10.6	3.1	15.5	98	3.33	A	1200
	1.5+2.0+5.0+6.0	0.83	1.10	2.76	3.31	8.00	3.30	9.58	2.22	0.72	3.23	9.8	3.2	14.3	98	3.60	A	1110
	1.5+2.5+2.5+2.5	1.26	2.09	2.09	2.09	7.54	2.55	8.38	2.20	0.60	2.65	9.8	2.7	11.8	98	3.43	A	1100
	1.5+2.5+2.5+3.5	1.17	1.94	1.94	2.72	7.77	2.68	8.80	2.45	0.60	3.14	10.9	2.7	13.9	98	3.17	B	1225
	1.5+2.5+2.5+4.2	1.11	1.85	1.85	3.11	7.93	2.78	9.04	2.58	0.64	3.30	11.4	2.8	14.6	98	3.07	B	1290
	1.5+2.5+2.5+5.0	1.04	1.74	1.74	3.48	8.00	2.89	9.26	2.52	0.64	3.39	11.2	2.8	15.0	98	3.17	B	1260
	1.5+2.5+2.5+6.0	0.96	1.60	1.60	3.84	8.00	3.03	9.45	2.28	0.68	3.21	10.1	3.0	14.2	98	3.51	A	1140
	1.5+2.5+2.5+7.1	0.88	1.47	1.47	4.18	8.00	3.18	9.57	2.22	0.72	3.29	9.8	3.2	14.6	98	3.60	A	1110
	1.5+2.5+3.5+3.5	1.09	1.82	2.55	2.55	8.00	2.82	9.13	2.58	0.64	3.37	11.4	2.8	15.0	98	3.10	B	1290
	1.5+2.5+3.5+4.2	1.03	1.71	2.39	2.87	8.00	2.92	9.30	2.58	0.67	3.53	11.4	3.0	15.7	98	3.10	B	1290
	1.5+2.5+3.5+5.0	0.96	1.60	2.24	3.20	8.00	3.03	9.45	2.52	0.68	3.47	11.2	3.0	15.4	98	3.17	B	1260
	1.5+2.5+3.5+6.0	0.89	1.48	2.07	3.56	8.00	3.16	9.56	2.28	0.72	3.29	10.1	3.2	14.6	98	3.51	A	1140
	1.5+2.5+4.2+4.2	0.97	1.61	2.71	2.71	8.00	3.01	9.44	2.58	0.67	3.61	11.4	3.0	16.0	98	3.10	B	1290
	1.5+2.5+4.2+5.0	0.91	1.52	2.55	3.03	8.00	3.12	9.54	2.52	0.71	3.55	11.2	3.1	15.7	98	3.17	B	1260
	1.5+2.5+4.2+6.0	0.85	1.41	2.37	3.38	8.00	3.26	9.58	2.28	0.72	3.29	10.1	3.2	14.6	98	3.51	A	1140
	1.5+2.5+5.0+5.0	0.86	1.43	2.86	2.86	8.00	3.23	9.58	2.40	0.71	3.50	10.6	3.1	15.5	98	3.33	A	1200
	1.5+3.5+3.5+3.5	1.00	2.33	2.33	2.33	8.00	2.96	9.37	2.58	0.67	3.45	11.4	3.0	15.3	98	3.10	B	1290
	1.5+3.5+3.5+4.2	0.94	2.20	2.20	2.65	8.00	3.05	9.48	2.58	0.67	3.61	11.4	3.0	16.0	98	3.10	B	1290
	1.5+3.5+3.5+5.0	0.89	2.07	2.07	2.96	8.00	3.16	9.56	2.52	0.71	3.55	11.2	3.1	15.7	98	3.17	B	1260
	1.5+3.5+3.5+6.0	0.83	1.93	1.93	3.31	8.00	3.30	9.58	2.28	0.72	3.29	10.1	3.2	14.6	98	3.51	A	1140
	1.5+3.5+4.2+4.2	0.90	2.09	2.51	2.51	8.00	3.15	9.55	2.58	0.71	3.69	11.4	3.1	16.4	98	3.10	B	1290
	1.5+3.5+4.2+5.0	0.85	1.97	2.37	2.82	8.00	3.26	9.58	2.53	0.71	3.64	11.2	3.1	16.1	98	3.16	B	1265
	1.5+4.2+4.2+4.2	0.85	2.38	2.38	2.38	8.00	3.25	9.58	2.58	0.75	3.69	11.4	3.3	16.4	98	3.10	B	1290
	2.0+2.0+2.0+2.0	1.83	1.83	1.83	1.83	7.32	2.41	7.90	2.07	0.56	2.38	9.2	2.5	10.6	98	3.54	A	1035
	2.0+2.0+2.0+2.5	1.75	1.75	1.75	2.18	7.42	2.48	8.16	2.13	0.56	2.51	9.4	2.5	11.1	98	3.48	A	1065
	2.0+2.0+2.0+3.5	1.61	1.61	1.61	2.82	7.65	2.61	8.62	2.26	0.60	2.86	10.0	2.7	12.7	98	3.38	A	1130
	2.0+2.0+2.0+4.2	1.53	1.53	1.53	3.22	7.82	2.71	8.89	2.32	0.64	3.00	10.3	2.8	13.3	98	3.37	A	1160
	2.0+2.0+2.0+5.0	1.45	1.45	1.45	3.64	8.00	2.82	9.15	2.52	0.64	3.32	11.2	2.8	14.7	98	3.17	B	1260
	2.0+2.0+2.0+6.0	1.33	1.33	1.33	4.00	8.00	2.96	9.39	2.28	0.68	3.21	10.1	3.0	14.2	98	3.51	A	1140
	2.0+2.0+2.0+7.1	1.22	1.22	1.22	4.34	8.00	3.11	9.55	2.22	0.68	3.29	9.8	3.0	14.6	98	3.60	A	1110
	2.0+2.0+2.5+2.5	1.68	1.68	2.09	2.09	7.54	2.55	8.40	2.20	0.60	2.72	9.8	2.7	12.1	98	3.43	A	1100
	2.0+2.0+2.5+3.5	1.55	1.55	1.94	2.72	7.77	2.68	8.82	2.45	0.60	3.14	10.9	2.7	13.9	98	3.17	B	1225
	2.0+2.0+2.5+4.2	1.48	1.48	1.85	3.11	7.93	2.78	9.06	2.58	0.64	3.30	11.4	2.8	14.6	98	3.07	B	1290
	2.0+2.0+2.5+5.0	1.39	1.39	1.74	3.48	8.00	2.89	9.28	2.52	0.64	3.39	11.2	2.8	15.0	98	3.17	B	1260
	2.0+2.0+2.5+6.0	1.28	1.28	1.60	3.84	8.00	3.03	9.47	2.28	0.68	3.21	10.1	3.0	14.2	98	3.51	A	1140
	2.0+2.0+2.5+7.1	1.18	1.18	1.47	4.18	8.00	3.18	9.59	2.22	0.72	3.29	9.8	3.2	14.6	98	3.60	A	1110
	2.0+2.0+3.5+3.5	1.45	1.45	2.55	2.55	8.00	2.82	8.96	2.58	0.64	3.22	11.4	2.8	14.3	98	3.10	B	1290
	2.0+2.0+3.5+4.2	1.37	1.37	2.39	2.87	8.00	2.92	9.32	2.58	0.67	3.53	11.4	3.0	15.7	98	3.10	B	1290
	2.0+2.0+3.5+5.0	1.28	1.28	2.24	3.20	8.00	3.03	9.47	2.52	0.68	3.55	11.2	3.0	15.7	98	3.17	B	1260
	2.0+2.0+3.5+6.0	1.19	1.19	2.07	3.56	8.00	3.16	9.58	2.28	0.72	3.29	10.1	3.2	14.6	98	3.51	A	1140
	2.0+2.0+4.2+4.2	1.29	1.29	2.71	2.71	8.00	3.01	9.46	2.58	0.67	3.61	11.4	3.0	16.0	98	3.10	B	1290
	2.0+2.0+4.2+5.0	1.21	1.21	2.55	3.03	8.00	3.12	9.56	2.52	0.71	3.55	11.2	3.1	15.7	98	3.17	B	1260
	2.0+2.0+4.2+6.0	1.13	1.13	2.37	3.38	8.00	3.26	9.60	2.28	0.72	3.29	10.1	3.2	14.6	98	3.51	A	1140
	2.0+2.0+5.0+5.0	1.14	1.14	2.86	2.86	8.00	3.23	9.60	2.44	0.71	3.50	10.8	3.1	15.5	98	3.28	A	1220
	2.0+2.5+2.5+2.5	1.61	2.01	2.01	2.01	7.65	2.61	8.62	2.26	0.60	2.85	10.0	2.7	12.6	98	3.38	A	1130
	2.0+2.5+2.5+3.5	1.50	1.88	1.88	2.63	7.88	2.75	8.99	2.51	0.64	3.29	11.1	2.8	14.6	98	3.14	B	1255
	2.0+2.5+2.5+4.2	1.43	1.79	1.79	3.00	8.00	2.85	9.20	2.58	0.64	3.45	11.4	2.8	15.3	98	3.10	B	1290
	2.0+2.5+2.5+5.0	1.33	1.67	1.67	3.33	8.00	2.96	9.39	2.52	0.68	3.47	11.2	3.0	15.4	98	3.17	B	1260
	2.0+2.5+2.5+6.0	1.23	1.54	1.54	3.69	8.00	3.09	9.54	2.25	0.68	3.29	10.0	3.0	14.6	98	3.56	A	1125
	2.0+2.5+2.5+7.1	1.13	1.42	1.42	4.03	8.00	3.25	9.60	2.28	0.72	3.29	10.1	3.2	14.6	98	3.51	A	1140
	2.0+2.5+3.5+3.5	1.39	1.74	2.43	2.43	8.00	2.89	9.14	2.58	0.67	3.37	11.4	3.0	15.0	98	3.10	B	1290
	2.0+2.5+3.5+4.2	1.31	1.64	2.30	2.75	8.00	2.98	9.47	2.58	0.67	3.61	11.4	3.0	16.0	98	3.10	B	1290
	2.0+2.5+3.5+5.0	1.23	1.54	2.15	3.08	8.00	3.09	9.54	2.52	0.71	3.55	11.2	3.1	15.7	98	3.17	B	1260
	2.0+2.5+3.5+6.0	1.14	1.43	2.00	3.43	8.00	3.23	9.60	2.28	0.72	3.29	10.1	3.2	14.6	98	3.51	A	1140
	2.0+2.5+4.2+4.2	1.24	1.55	2.60	2.60	8.00	3.08	9.53	2.58	0.71	3.69	11.4	3.1	16.4	98	3.10	B	1290
	2.0+2.5+4.2+5.0	1.17	1.46	2.45	2.92	8.00	3.19	9.59	2.52	0.71	3.63	11.2	3.1	16.1	98	3.17	B	1260
	2.0+2.5+5.0+5.0	1.10	1.38	2.76	2.76	8.00	3.30	9.60	2.40	0.71	3.50	10.6	3.1	15.5	98	3.33	A	1200
	2.0+3.5+3.5+3.5	1.28	2.24	2.24	2.24	8.00	3.03	9.23	2.58	0.67	3.30	11.4	3.0	14.6	98	3.10	B	1290
	2.0+3.5+3.5+4.2	1.21	2.12	2.12	2.55	8.00	3.12	9.56	2.58	0.71	3.69	11.4	3.1	16.4	98	3.10	B	1290
	2.0+3.5+3.5+5.0	1.14	2.00	2.00	2.86	8.00	3.23	9.60	2.52	0.71	3.63	11.2	3.1	16.1	98	3.17	B	1260

Notes: 1. Cooling capacity is based on 27°CDB/19°CWB (Indoor temperature). 35°CDB (Outdoor temperature).
Heating capacity is based on 20°CDB (Indoor temperature). 7°CDB/6°CWB (Outdoor temperature).
2. The total ability of connected a indoor unit is up to 14.5kW.
3. It is impossible to connect the indoor unit for one room only.
4. The above is the value for connecting with the following indoor units.
1.5. 2.0. 2.5. 3.5 kW class; wall mounted K series
4.2. 5.0 kW class; wall mounted J series
6.0. 7.1 kW class; wall mounted G series

* This page contains preliminary data

COOLING

OUTDOOR UNIT	INDOOR UNIT	COOLING CAPACITY (kW)				TOTAL CAPACITY (kW)			POWER INPUT COOLING (kW)			TOTAL CURRENT (A)			POWER FACTOR (%)	EER	ENERGY LABEL	AEC (kWh)
		A ROOM	B ROOM	C ROOM	D ROOM	Min.	Nom.	Max.	Min.	Nom.	Max.	Min.	Nom.	Max.				
4MXS80E7V3B	2.0+3.5+4.2+4.2	1.15	2.01	2.42	2.42	8.00	3.22	9.60	2.58	0.71	3.77	11.4	3.1	16.7	98	3.10	B	1290
	2.5+2.5+2.5+2.5	1.94	1.94	1.94	1.94	7.76	2.68	8.82	2.45	0.60	3.14	10.9	2.7	13.9	98	3.17	B	1225
	2.5+2.5+2.5+3.5	1.82	1.82	1.82	2.55	8.00	2.82	8.98	2.58	0.64	3.22	11.4	2.8	14.3	98	3.10	B	1290
	2.5+2.5+2.5+4.2	1.71	1.71	1.71	2.87	8.00	2.92	9.32	2.58	0.67	3.53	11.4	3.0	15.7	98	3.10	B	1290
	2.5+2.5+2.5+5.0	1.60	1.60	1.60	3.20	8.00	3.03	9.47	2.52	0.68	3.55	11.2	3.0	15.7	98	3.17	B	1260
	2.5+2.5+2.5+6.0	1.48	1.48	1.48	3.56	8.00	3.16	9.58	2.28	0.72	3.29	10.1	3.2	14.6	98	3.51	A	1140
	2.5+2.5+3.5+3.5	1.67	1.67	2.33	2.33	8.00	2.96	9.10	2.58	0.67	3.37	11.4	3.0	15.0	98	3.10	B	1290
	2.5+2.5+3.5+4.2	1.57	1.57	2.20	2.65	8.00	3.05	9.50	2.58	0.67	3.69	11.4	3.0	16.4	98	3.10	B	1290
	2.5+2.5+3.5+5.0	1.48	1.48	2.07	2.96	8.00	3.16	9.58	2.52	0.71	3.63	11.2	3.1	16.1	98	3.17	B	1260
	2.5+2.5+3.5+6.0	1.38	1.38	1.93	3.31	8.00	3.30	9.60	2.28	0.72	3.29	10.1	3.2	14.6	98	3.51	A	1140
	2.5+2.5+4.2+4.2	1.49	1.49	2.51	2.51	8.00	3.15	9.57	2.58	0.71	3.69	11.4	3.1	16.4	98	3.10	B	1290
	2.5+2.5+4.2+5.0	1.41	1.41	2.37	2.82	8.00	3.26	9.60	2.52	0.71	3.63	11.2	3.1	16.1	98	3.17	B	1260
	2.5+3.5+3.5+3.5	1.54	2.15	2.15	2.15	8.00	3.09	9.35	2.58	0.71	3.30	11.4	3.1	14.6	98	3.10	B	1290
	2.5+3.5+3.5+4.2	1.46	2.04	2.04	2.45	8.00	3.19	9.59	2.58	0.71	3.77	11.4	3.1	16.7	98	3.10	B	1290
	2.5+3.5+3.5+5.0	1.38	1.93	1.93	2.76	8.00	3.30	9.60	2.52	0.75	3.63	11.2	3.3	16.1	98	3.17	B	1260
	2.5+3.5+4.2+4.2	1.39	1.94	2.33	2.33	8.00	3.29	9.60	2.58	0.75	3.77	11.4	3.3	16.7	98	3.10	B	1290
	3.5+3.5+3.5+3.5	2.00	2.00	2.00	2.00	8.00	3.23	9.60	2.58	0.71	3.77	11.4	3.1	16.7	98	3.10	B	1290

Notes: 1. Cooling capacity is based on 27°CDB/19°CWB (Indoor temperature). 35°CDB (Outdoor temperature).
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1.5. 2.0. 2.5. 3.5 kW class; wall mounted K series
4.2. 5.0 kW class; wall mounted J series
6.0. 7.1 kW class; wall mounted G series

* This page contains preliminary data

HEATING

OUTDOOR UNIT	INDOOR UNIT	HEATING CAPACITY (kW)				TOTAL CAPACITY (kW)			POWER INPUT COOLING (kW)			TOTAL CURRENT (A)			POWER FACTOR (%)	COP	ENERGY LABEL
		A ROOM	B ROOM	C ROOM	D ROOM	Min.	Nom.	Max.	Min.	Nom.	Max.	Min.	Nom.	Max.			
4MXS80E7V3B	1.5	2.22	---	---	---	2.22	1.07	3.40	0.65	0.34	1.15	2.9	1.5	5.1	98	3.42	B
	2.0	2.44	---	---	---	2.44	1.07	4.10	0.67	0.37	1.22	3.0	1.6	5.4	98	3.64	A
	2.5	3.05	---	---	---	3.05	1.12	4.55	0.88	0.37	1.31	3.9	1.6	5.8	98	3.47	B
	3.5	4.27	---	---	---	4.27	1.21	5.11	1.42	0.39	1.73	6.3	1.7	7.7	98	3.01	D
	4.2	5.12	---	---	---	5.12	1.68	6.59	1.73	0.37	2.49	7.7	1.6	11.0	98	2.96	D
	5.0	6.09	---	---	---	6.09	1.90	7.12	1.78	0.44	2.25	7.9	2.0	10.0	98	3.42	B
	6.0	7.31	---	---	---	7.31	2.19	8.19	2.19	0.55	2.64	9.7	2.4	11.7	98	3.34	C
	7.1	8.65	---	---	---	8.65	2.50	9.00	2.77	0.59	2.97	12.3	2.6	13.2	98	3.12	D
	1.5+1.5	1.83	1.83	---	---	3.66	1.42	5.36	0.89	0.44	1.31	3.9	2.0	5.8	98	4.11	A
	1.5+2.0	1.83	2.44	---	---	4.27	1.48	5.36	1.01	0.44	1.31	4.5	2.0	5.8	98	4.23	A
	1.5+2.5	1.83	3.05	---	---	4.88	1.62	7.09	1.17	0.48	1.90	5.2	2.1	8.4	98	4.17	A
	1.5+3.5	1.83	4.26	---	---	6.09	1.90	7.23	1.64	0.55	2.08	7.3	2.4	9.2	98	3.71	A
	1.5+4.2	1.83	5.12	---	---	6.95	2.10	8.28	1.95	0.59	2.56	8.7	2.6	11.4	98	3.56	B
	1.5+5.0	1.83	6.09	---	---	7.92	2.33	8.72	2.10	0.53	2.42	9.3	2.4	10.7	98	3.77	A
	1.5+6.0	1.79	7.14	---	---	8.93	2.61	9.67	2.30	0.55	2.64	10.2	2.4	11.7	98	3.88	A
	1.5+7.1	1.67	7.93	---	---	9.60	2.90	9.90	2.48	0.58	2.63	11.0	2.6	11.7	98	3.87	A
	2.0+2.0	2.44	2.44	---	---	4.88	1.62	6.55	1.17	0.34	1.74	5.2	1.5	7.7	98	4.17	A
	2.0+2.5	2.44	3.05	---	---	5.49	1.76	6.85	1.34	0.37	1.82	5.9	1.6	8.1	98	4.10	A
	2.0+3.5	2.44	4.26	---	---	6.70	2.05	7.35	1.86	0.43	2.13	8.3	1.9	9.4	98	3.60	A
	2.0+4.2	2.44	5.11	---	---	7.55	2.24	8.53	2.22	0.47	2.56	9.8	2.1	11.4	98	3.40	B
	2.0+5.0	2.44	6.09	---	---	8.53	2.47	8.72	2.32	0.55	2.42	10.3	2.4	10.7	98	3.68	A
	2.0+6.0	2.32	6.95	---	---	9.27	2.74	9.67	2.44	0.57	2.64	10.8	2.5	11.7	98	3.80	A
	2.0+7.1	2.11	7.49	---	---	9.60	3.04	10.36	2.48	0.61	2.89	11.0	2.7	12.8	98	3.87	A
	2.5+2.5	3.04	3.04	---	---	6.08	1.90	7.16	1.69	0.41	2.14	7.5	1.8	9.5	98	3.60	B
	2.5+3.5	3.05	4.26	---	---	7.31	2.19	8.53	2.13	0.55	2.67	9.4	2.4	11.8	98	3.43	B
	2.5+4.2	3.04	5.12	---	---	8.16	2.39	9.01	2.46	0.57	2.90	10.9	2.5	12.9	98	3.32	C
	2.5+5.0	2.98	5.95	---	---	8.93	2.61	9.31	2.52	0.57	2.72	11.2	2.5	12.1	98	3.54	B
	2.5+6.0	2.82	6.78	---	---	9.60	2.88	10.10	2.65	0.59	2.94	11.8	2.6	13.0	98	3.62	A
	2.5+7.1	2.50	7.10	---	---	9.60	3.17	10.36	2.51	0.63	2.93	11.1	2.8	13.0	98	3.82	A
	3.5+3.5	4.26	4.26	---	---	8.52	2.47	9.18	2.70	0.59	3.04	12.0	2.6	13.5	98	3.16	D
	3.5+4.2	4.11	4.94	---	---	9.05	2.66	9.77	2.98	0.61	3.47	13.2	2.7	15.4	98	3.04	D
	3.5+5.0	3.95	5.65	---	---	9.60	2.88	9.92	2.77	0.62	2.93	12.3	2.8	13.0	98	3.47	B
	3.5+6.0	3.54	6.06	---	---	9.60	3.15	10.34	2.49	0.61	2.90	11.0	2.7	12.9	98	3.86	A
	3.5+7.1	3.17	6.43	---	---	9.60	3.45	10.37	2.43	0.67	2.84	10.8	3.0	12.6	98	3.95	A
	4.2+4.2	4.78	4.78	---	---	9.55	2.85	9.60	2.65	0.63	2.65	11.8	2.8	11.8	98	3.60	A
	4.2+5.0	4.38	5.22	---	---	9.60	3.07	10.12	2.61	0.64	2.87	11.6	2.8	12.7	98	3.68	A
	4.2+6.0	3.95	5.65	---	---	9.60	3.34	10.35	2.44	0.65	2.84	10.8	2.9	12.6	98	3.93	A
	4.2+7.1	3.57	6.03	---	---	9.60	3.63	10.38	2.43	0.70	2.83	10.8	3.1	12.6	98	3.95	A
	5.0+5.0	4.80	4.80	---	---	9.60	3.28	10.24	2.52	0.67	2.83	11.2	3.0	12.6	98	3.81	A
	5.0+6.0	4.36	5.24	---	---	9.60	3.55	10.47	2.40	0.66	2.80	10.6	2.9	12.4	98	4.00	A
	5.0+7.1	3.97	5.63	---	---	9.60	3.85	10.50	2.38	0.70	2.79	10.6	3.1	12.4	98	4.03	A
	6.0+6.0	4.80	4.80	---	---	9.60	3.82	10.70	2.32	0.67	2.77	10.3	3.0	12.3	98	4.14	A
	6.0+7.1	4.40	5.20	---	---	9.60	4.12	10.73	2.31	0.71	2.76	10.2	3.1	12.2	98	4.16	A
	7.1+7.1	4.80	4.80	---	---	9.60	4.42	10.77	2.25	0.78	2.70	10.0	3.5	12.0	98	4.27	A
	1.5+1.5+1.5	1.83	1.83	1.83	---	5.49	1.76	7.22	1.16	0.43	1.71	5.1	1.9	7.6	98	4.73	A
	1.5+1.5+2.0	1.83	1.83	2.44	---	6.09	1.90	7.22	1.34	0.44	1.71	5.9	2.0	7.6	98	4.54	A
	1.5+1.5+2.5	1.83	1.83	3.05	---	6.70	2.05	7.29	1.52	0.46	1.71	6.7	2.0	7.6	98	4.41	A
	1.5+1.5+3.5	1.83	1.83	4.26	---	7.92	2.33	9.03	1.90	0.50	2.30	8.4	2.2	10.2	98	4.17	A
	1.5+1.5+4.2	1.82	1.82	5.09	---	8.72	2.53	9.03	2.20	0.52	2.29	9.8	2.3	10.2	98	3.96	A
	1.5+1.5+5.0	1.74	1.74	5.79	---	9.27	2.74	9.99	2.25	0.53	2.54	10.0	2.4	11.3	98	4.12	A
	1.5+1.5+6.0	1.60	1.60	6.40	---	9.60	3.01	10.71	2.27	0.54	2.72	10.1	2.4	12.1	98	4.23	A
	1.5+1.5+7.1	1.43	1.43	6.75	---	9.60	3.31	10.74	2.26	0.57	2.71	10.0	2.5	12.0	98	4.25	A
	1.5+2.0+2.0	1.83	2.44	2.44	---	6.70	2.05	7.22	1.52	0.46	1.71	6.7	2.0	7.6	98	4.41	A
	1.5+2.0+2.5	1.83	2.44	3.05	---	7.31	2.19	8.41	1.71	0.48	2.12	7.6	2.1	9.4	98	4.27	A
	1.5+2.0+3.5	1.83	2.44	4.27	---	8.53	2.47	9.03	2.11	0.52	2.30	9.4	2.3	10.2	98	4.04	A
	1.5+2.0+4.2	1.76	2.35	4.94	---	9.06	2.66	9.69	2.29	0.54	2.58	10.2	2.4	11.4	98	3.96	A
	1.5+2.0+5.0	1.69	2.26	5.65	---	9.60	2.88	9.99	2.39	0.55	2.54	10.6	2.4	11.3	98	4.02	A
	1.5+2.0+6.0	1.52	2.02	6.06	---	9.60	3.15	10.71	2.27	0.56	2.72	10.1	2.5	12.1	98	4.23	A
	1.5+2.0+7.1	1.36	1.81	6.43	---	9.60	3.45	10.74	2.26	0.60	2.71	10.0	2.7	12.0	98	4.25	A
	1.5+2.5+2.5	1.83	3.05	3.05	---	7.92	2.33	8.93	1.94	0.50	2.30	8.6	2.2	10.2	98	4.08	A
	1.5+2.5+3.5	1.79	2.98	4.17	---	8.93	2.61	9.68	2.25	0.54	2.58	10.0	2.4	11.4	98	3.97	A
	1.5+2.5+4.2	1.72	2.87	4.82	---	9.41	2.80	9.69	2.43	0.56	2.58	10.8	2.5	11.4	98	3.87	A
	1.5+2.5+5.0	1.60	2.67	5.33	---	9.60	3.01	10.48	2.39	0.57	2.80	10.6	2.5	12.4	98	4.02	A
	1.5+2.5+6.0	1.44	2.40	5.76	---	9.60	3.28	10.71	2.27	0.58	2.72	10.1	2.6	12.1	98	4.23	A
	1.5+2.5+7.1	1.30	2.16	6.14	---	9.60	3.58	10.74	2.26	0.62	2.71	10.0	2.8	12.0	98	4.25	A
	1.5+3.5+3.5	1.69	3.95	3.95	---	9.60	2.88	9.89	2.43	0.59	2.58	10.8	2.6	11.4	98	3.95	A
	1.5+3.5+4.2	1.57	3.65	4.38	---	9.60	3.07	10.36	2.43	0.61	2.84	10.8	2.7	12.6	98	3.95	A
	1.5+3.5+5.0	1.44	3.36	4.80	---	9.60	3.28	10.49	2.39	0.61	2.79	10.6	2.7	12.4	98	4.02	A
	1.5+3.5+6.0	1.31	3.05	5.24	---	9.60	3.55	10.72	2.27	0.62	2.72	10.1	2.8	12.1	98	4.23	A
	1.5+3.5+7.1	1.19	2.78	5.63	---	9.60	3.85	10.75	2.26	0.66	2.70	10.0	2.9	12.0	98	4.25	A
	1.5+4.2+4.2	1.45	4.07	4.07	---	9.60	3.26	10.37	2.43	0.63	2.84	10.8	2.8	12.6	98	3.95	A
	1.5+4.2+5.0	1.35	3.77	4.49	---	9.60	3.47	10.49	2.39	0.66	2.79	10.6	2.9	12.4	98	4.02	A
	1.5+4.2+6.0	1.23	3.45	4.92	---	9.60	3.74	10.72	2.27	0.64	2.71	10.1	2.8	12.0	98	4.23	A
	1.5+4.2+7.1	1.13	3.15	5.33	---	9.60	4.04	10.76	2.26	0.71	2.70	10.0	3.1	12.0	98	4.25	A
	1.5+5.0+5.0	1.25	4.17	4.17	---	9.60	3.69	10.62	2.30	0.66	2.75	10.2	2.9	12.2	98	4.17	A
	1.5+5.0+6.0	1.15	3.84	4.61	---	9.60	3.96	10.85	2.18	0.67	2.72	9.7	3.0	12.1	98	4.40	A
	1.5+5.0+7.1	1.06	3.53	5.01	---	9.60	4.26	10.88	2.17	0.71	2.71	9.6	3.1	12.0	98	4.42	A
	1.5+6.0+6.0	1.07	4.27	4.27	---	9.60	4.23	11.08	2.11	0.68	2.64	9.4	3.0	11.7	98	4.55	A
	2.0+2.0+2.0	2.43	2.43	2.43	---	7.29	2.19	8.33	1.76	0.48	2.14	7.8	2.1	9.5	98	4.14	A
	2.0+2.0+2.5	2.44	2.44	3.04	---	7.92	2.33	8.93	1.96	0.50	2.32	8.7	2.2	10.3	98	4.04	A
	2.0+2.0+3.5	2.38	2.38	4.17	---	8.93	2.61	9.68	2.29	0.54	2.63	10.2	2.4	11.7	98	3.90	A
	2.0+2.0+4.2	2.30	2.30	4.81	---	9.41	2.80	9.69	2.48	0.56	2.63	11.0	2.5	11.7	98	3.79	A
	2.0+2.0+5.0	2.13	2.13	5.34	---	9.60	3.01	10.48	2.39	0.57	2.80	10.6	2.5	12.4	98	4.02	A

Notes: 1. Cooling capacity is based on 27°CDB/19°CWB (Indoor temperature). 35°CDB (Outdoor temperature).
Heating capacity is based on 20°CDB (Indoor temperature). 7°CDB/6°CWB (Outdoor temperature).
2. The total ability of connected a indoor unit is up to 14.5kW.
3. It is impossible to connect the indoor unit for one room only.
4. The above is the value for connecting with the following indoor units.
1.5. 2.0. 2.5. 3.5 kW class; wall mounted K series
4.2. 5.0 kW class; wall mounted J series
6.0. 7.1 kW class; wall mounted G series

* This page contains preliminary data

HEATING

OUTDOOR UNIT	INDOOR UNIT	HEATING CAPACITY (kW)				TOTAL CAPACITY (kW)			POWER INPUT COOLING (kW)			TOTAL CURRENT (A)			POWER FACTOR (%)	COP	ENERGY LABEL
		A ROOM	B ROOM	C ROOM	D ROOM	Min.	Nom.	Max.	Min.	Nom.	Max.	Min.	Nom.	Max.			
4MXS80E7V3B	2.0+2.0+6.0	1.92	1.92	5.76	---	9.60	3.28	10.71	2.27	0.58	2.72	10.1	2.6	12.1	98	4.23	A
	2.0+2.0+7.1	1.73	1.73	6.14	---	9.60	3.58	10.74	2.26	0.62	2.71	10.0	2.8	12.0	98	4.25	A
	2.0+2.5+2.5	2.43	3.05	3.05	---	8.53	2.47	8.93	2.16	0.52	2.30	9.6	2.3	10.2	98	3.95	A
	2.0+2.5+3.5	2.31	2.90	4.06	---	9.27	2.74	9.68	2.41	0.56	2.61	10.7	2.5	11.6	98	3.85	A
	2.0+2.5+4.2	2.21	2.76	4.63	---	9.60	2.93	10.15	2.56	0.59	2.87	11.4	2.6	12.7	98	3.75	A
	2.0+2.5+5.0	2.02	2.53	5.05	---	9.60	3.15	10.48	2.39	0.59	2.80	10.6	2.6	12.4	98	4.02	A
	2.0+2.5+6.0	1.82	2.29	5.49	---	9.60	3.42	10.71	2.27	0.60	2.72	10.1	2.7	12.1	98	4.23	A
	2.0+2.5+7.1	1.65	2.07	5.88	---	9.60	3.72	10.74	2.26	0.64	2.71	10.0	2.8	12.0	98	4.25	A
	2.0+3.5+3.5	2.14	3.73	3.73	---	9.60	3.01	10.35	2.43	0.59	2.84	10.8	2.6	12.6	98	3.95	A
	2.0+3.5+4.2	1.99	3.46	4.15	---	9.60	3.20	10.36	2.43	0.63	2.84	10.8	2.8	12.6	98	3.95	A
	2.0+3.5+5.0	1.83	3.20	4.57	---	9.60	3.42	10.49	2.39	0.63	2.80	10.6	2.8	12.4	98	4.02	A
	2.0+3.5+6.0	1.67	2.92	5.01	---	9.60	3.69	10.72	2.27	0.64	2.72	10.1	2.8	12.1	98	4.23	A
	2.0+3.5+7.1	1.52	2.67	5.41	---	9.60	3.99	10.75	2.26	0.69	2.70	10.0	3.1	12.0	98	4.25	A
	2.0+4.2+4.2	1.84	3.88	3.88	---	9.60	3.39	10.37	2.43	0.65	2.84	10.8	2.9	12.6	98	3.95	A
	2.0+4.2+5.0	1.71	3.60	4.29	---	9.60	3.61	10.49	2.39	0.68	2.79	10.6	3.0	12.4	98	4.02	A
	2.0+4.2+6.0	1.58	3.30	4.72	---	9.60	3.88	10.72	2.27	0.67	2.71	10.1	3.0	12.0	98	4.23	A
	2.0+4.2+7.1	1.45	3.03	5.12	---	9.60	4.18	10.76	2.26	0.73	2.70	10.0	3.2	12.0	98	4.25	A
	2.0+5.0+5.0	1.60	4.00	4.00	---	9.60	3.82	10.62	2.30	0.68	2.75	10.2	3.0	12.2	98	4.17	A
	2.0+5.0+6.0	1.48	3.69	4.43	---	9.60	4.09	10.85	2.18	0.69	2.72	9.7	3.1	12.1	98	4.40	A
	2.0+5.0+7.1	1.37	3.40	4.83	---	9.60	4.39	10.88	2.17	0.74	2.71	9.6	3.3	12.0	98	4.42	A
	2.0+6.0+6.0	1.38	4.11	4.11	---	9.60	4.36	11.08	2.11	0.70	2.64	9.4	3.1	11.7	98	4.55	A
	2.5+2.5+2.5	2.97	2.97	2.97	---	8.91	2.61	9.88	2.34	0.54	2.74	10.4	2.4	12.2	98	3.81	A
	2.5+2.5+3.5	2.82	2.82	3.96	---	9.60	2.88	10.12	2.53	0.59	2.79	11.2	2.6	12.4	98	3.79	A
	2.5+2.5+4.2	2.61	2.61	4.38	---	9.60	3.07	10.60	2.53	0.61	3.05	11.2	2.7	13.5	98	3.79	A
	2.5+2.5+5.0	2.40	2.40	4.80	---	9.60	3.28	10.48	2.39	0.61	2.80	10.6	2.7	12.4	98	4.02	A
	2.5+2.5+6.0	2.18	2.18	5.24	---	9.60	3.55	10.71	2.27	0.62	2.72	10.1	2.8	12.1	98	4.23	A
	2.5+2.5+7.1	1.98	1.98	5.64	---	9.60	3.85	10.74	2.26	0.66	2.71	10.0	2.9	12.0	98	4.25	A
	2.5+3.5+3.5	2.52	3.54	3.54	---	9.60	3.15	10.35	2.43	0.61	2.84	10.8	2.7	12.6	98	3.95	A
	2.5+3.5+4.2	2.36	3.29	3.95	---	9.60	3.34	10.36	2.43	0.65	2.84	10.8	2.9	12.6	98	3.95	A
	2.5+3.5+5.0	2.19	3.05	4.36	---	9.60	3.55	10.49	2.39	0.66	2.80	10.6	2.9	12.4	98	4.02	A
	2.5+3.5+6.0	2.00	2.80	4.80	---	9.60	3.82	10.72	2.27	0.67	2.72	10.1	3.0	12.1	98	4.23	A
	2.5+3.5+7.1	1.84	2.56	5.20	---	9.60	4.12	10.75	2.26	0.71	2.70	10.0	3.1	12.0	98	4.25	A
	2.5+4.2+4.2	2.20	3.70	3.70	---	9.60	3.53	10.37	2.43	0.68	2.84	10.8	3.0	12.6	98	3.95	A
	2.5+4.2+5.0	2.06	3.45	4.09	---	9.60	3.74	10.49	2.39	0.70	2.79	10.6	3.1	12.4	98	4.02	A
	2.5+4.2+6.0	1.90	3.17	4.53	---	9.60	4.01	10.72	2.27	0.69	2.71	10.1	3.1	12.0	98	4.23	A
	2.5+4.2+7.1	1.75	2.92	4.93	---	9.60	4.31	10.76	2.26	0.76	2.70	10.0	3.4	12.0	98	4.25	A
	2.5+5.0+5.0	1.92	3.84	3.84	---	9.60	3.96	10.62	2.30	0.71	2.75	10.2	3.1	12.2	98	4.17	A
	2.5+5.0+6.0	1.77	3.56	4.27	---	9.60	4.23	10.85	2.18	0.72	2.72	9.7	3.2	12.1	98	4.40	A
	2.5+6.0+6.0	1.66	3.97	3.97	---	9.60	4.50	11.08	2.11	0.72	2.64	9.4	3.2	11.7	98	4.55	A
	3.5+3.5+3.5	3.20	3.20	3.20	---	9.60	3.42	10.36	2.43	0.65	2.84	10.8	2.9	12.6	98	3.95	A
	3.5+3.5+4.2	3.00	3.00	3.60	---	9.60	3.61	10.37	2.43	0.70	2.84	10.8	3.1	12.6	98	3.95	A
	3.5+3.5+5.0	2.80	2.80	4.00	---	9.60	3.82	10.49	2.39	0.70	2.79	10.6	3.1	12.4	98	4.02	A
	3.5+3.5+6.0	2.58	2.58	4.44	---	9.60	4.09	10.72	2.27	0.71	2.71	10.1	3.1	12.0	98	4.23	A
	3.5+3.5+7.1	2.38	2.38	4.84	---	9.60	4.39	10.76	2.26	0.76	2.70	10.0	3.4	12.0	98	4.25	A
	3.5+4.2+4.2	2.82	3.39	3.39	---	9.60	3.80	10.38	2.43	0.72	2.83	10.8	3.2	12.6	98	3.95	A
	3.5+4.2+5.0	2.65	3.17	3.78	---	9.60	4.01	10.50	2.39	0.75	2.79	10.6	3.3	12.4	98	4.02	A
	3.5+4.2+6.0	2.45	2.94	4.21	---	9.60	4.28	10.73	2.26	0.74	2.71	10.0	3.3	12.0	98	4.25	A
	3.5+5.0+5.0	2.48	3.56	3.56	---	9.60	4.23	10.63	2.30	0.76	2.75	10.2	3.4	12.2	98	4.17	A
	3.5+5.0+6.0	2.32	3.31	3.97	---	9.60	4.50	10.86	2.18	0.77	2.72	9.7	3.4	12.1	98	4.40	A
	4.2+4.2+4.2	3.20	3.20	3.20	---	9.60	3.99	10.38	2.42	0.75	2.83	10.7	3.3	12.6	98	3.97	A
	4.2+4.2+5.0	3.01	3.01	3.58	---	9.60	4.20	10.51	2.38	0.78	2.79	10.6	3.5	12.4	98	4.03	A
	4.2+4.2+6.0	2.80	2.80	4.00	---	9.60	4.47	10.74	2.26	0.79	2.71	10.0	3.5	12.0	98	4.25	A
	4.2+5.0+5.0	2.84	3.38	3.38	---	9.60	4.42	10.64	2.29	0.81	2.74	10.2	3.6	12.2	98	4.19	A
	1.5+1.5+1.5+1.5	1.83	1.83	1.83	1.83	7.31	2.19	8.47	1.64	0.41	2.00	7.3	1.8	8.9	98	4.46	A
	1.5+1.5+1.5+2.0	1.83	1.83	1.83	2.44	7.92	2.33	9.04	1.83	0.42	2.22	8.1	1.9	9.8	98	4.33	A
	1.5+1.5+1.5+2.5	1.83	1.83	1.83	3.05	8.53	2.47	9.13	2.00	0.44	2.22	8.9	2.0	9.8	98	4.27	A
	1.5+1.5+1.5+3.5	1.74	1.74	1.74	4.06	9.27	2.74	10.18	2.17	0.48	2.51	9.6	2.1	11.1	98	4.27	A
	1.5+1.5+1.5+4.2	1.66	1.66	1.66	4.63	9.60	2.93	10.73	2.26	0.51	2.71	10.0	2.3	12.0	98	4.25	A
	1.5+1.5+1.5+5.0	1.52	1.52	1.52	5.05	9.60	3.15	10.86	2.18	0.52	2.72	9.7	2.3	12.1	98	4.40	A
	1.5+1.5+1.5+6.0	1.37	1.37	1.37	5.49	9.60	3.42	11.09	2.10	0.52	2.64	9.3	2.3	11.7	98	4.57	A
	1.5+1.5+1.5+7.1	1.24	1.24	1.24	5.88	9.60	3.72	11.12	2.09	0.56	2.63	9.3	2.5	11.7	98	4.59	A
	1.5+1.5+2.0+2.0	1.83	1.83	2.44	2.44	8.53	2.47	9.04	2.04	0.44	2.22	9.1	2.0	9.8	98	4.18	A
	1.5+1.5+2.0+2.5	1.79	1.79	2.38	2.98	8.93	2.61	9.87	2.13	0.46	2.51	9.4	2.0	11.1	98	4.19	A
	1.5+1.5+2.0+3.5	1.69	1.69	2.26	3.95	9.60	2.88	10.18	2.27	0.52	2.51	10.1	2.3	11.1	98	4.23	A
	1.5+1.5+2.0+4.2	1.57	1.57	2.09	4.38	9.60	3.07	10.73	2.26	0.53	2.71	10.0	2.4	12.0	98	4.25	A
	1.5+1.5+2.0+5.0	1.44	1.44	1.92	4.80	9.60	3.28	10.86	2.18	0.54	2.72	9.7	2.4	12.1	98	4.40	A
	1.5+1.5+2.0+6.0	1.31	1.31	1.75	5.24	9.60	3.55	11.09	2.10	0.54	2.64	9.3	2.4	11.7	98	4.57	A
	1.5+1.5+2.0+7.1	1.19	1.19	1.59	5.63	9.60	3.85	11.12	2.09	0.58	2.63	9.3	2.6	11.7	98	4.59	A
	1.5+1.5+2.5+2.5	1.74	1.74	2.90	2.90	9.27	2.74	10.17	2.18	0.48	2.51	9.7	2.1	11.1	98	4.25	A
	1.5+1.5+2.5+3.5	1.60	1.60	2.67	3.73	9.60	3.01	10.72	2.27	0.54	2.71	10.1	2.4	12.0	98	4.23	A
	1.5+1.5+2.5+4.2	1.48	1.48	2.47	4.16	9.60	3.20	10.73	2.26	0.55	2.71	10.0	2.4	12.0	98	4.25	A
	1.5+1.5+2.5+5.0	1.37	1.37	2.29	4.57	9.60	3.42	10.86	2.18	0.56	2.72	9.7	2.5	12.1	98	4.40	A
	1.5+1.5+2.5+6.0	1.25	1.25	2.09	5.01	9.60	3.69	11.09	2.10	0.57	2.64	9.3	2.5	11.7	98	4.57	A
	1.5+1.5+2.5+7.1	1.14	1.14	1.90	5.41	9.60	3.99	11.12	2.09	0.62	2.63	9.3	2.8	11.7	98	4.59	A
	1.5+1.5+3.5+3.5	1.44	1.44	3.36	3.36	9.60	3.28	10.73	2.26	0.58	2.71	10.0	2.6	12.0	98	4.25	A
	1.5+1.5+3.5+4.2	1.35	1.35	3.14	3.77	9.60	3.47	10.74	2.26	0.60	2.71	10.0	2.7	12.0	98	4.25	A
	1.5+1.5+3.5+5.0	1.25	1.25	2.92	4.17	9.60	3.69	10.86	2.17	0.62	2.71	9.6	2.8	12.0	98	4.42	A
	1.5+1.5+3.5+6.0	1.15	1.15	2.69	4.61	9.60	3.96	11.09	2.10	0.61	2.63	9.3	2.7	11.7	98	4.57	A
	1.5+1.5+3.5+7.1	1.06	1.06	2.47	5.01	9.60	4.26	11.13	2.09	0.67	2.62	9.3	3.0	11.6	98	4.59	A
	1.5+1.5+4.2+4.2	1.26	1.26	3.54	3.54	9.60	3.66	10.75	2.26	0.64	2.70	10.0	2.8	12.0	98	4.25	A
	1.5+1.5+4.2+5.0	1.18	1.18	3.30	3.93	9.60	3.88	10.87	2.17	0.64	2.71	9.6	2.8	12.0	98	4.42	A
	1.5+1.5+4.2+6.0	1.09	1.09	3.05	4.36	9.60	4.15	11.10	2.10	0.65	2.63	9.3	2.9	11.7	98	4.57	A
	1.5+1.5+4.2+7.1	1.01	1.01	2.82	4.77	9.60	4.45	11.13	2.09	0.69	2.62	9.3	3.1	11.6	98	4.59	A

Notes: 1. Cooling capacity is based on 27°CDB/19°CWB (Indoor temperature). 35°CDB (Outdoor temperature).
Heating capacity is based on 20°CDB (Indoor temperature). 7°CDB/6°CWB (Outdoor temperature).
2. The total ability of connected a indoor unit is up to 14.5kW.
3. It is impossible to connect the indoor unit for one room only.
4. The above is the value for connecting with the following indoor units.
1.5. 2.0. 2.5. 3.5 kW class; wall mounted K series
4.2. 5.0 kW class; wall mounted J series
6.0. 7.1 kW class; wall mounted G series

* This page contains preliminary data

HEATING

OUTDOOR UNIT	INDOOR UNIT	HEATING CAPACITY (kW)				TOTAL CAPACITY (kW)			POWER INPUT COOLING (kW)			TOTAL CURRENT (A)			POWER FACTOR (%)	COP	ENERGY LABEL
		A ROOM	B ROOM	C ROOM	D ROOM	Min.	Nom.	Max.	Min.	Nom.	Max.	Min.	Nom.	Max.			
4MXS80E7V3B	1.5+1.5+5.0+5.0	1.11	1.11	3.69	3.69	9.60	4.09	11.00	2.13	0.67	2.67	9.4	3.0	11.8	98	4.51	A
	1.5+1.5+5.0+6.0	1.03	1.03	3.43	4.11	9.60	4.36	11.23	2.01	0.67	2.59	8.9	3.0	11.5	98	4.78	A
	1.5+2.0+2.0+2.0	1.79	2.38	2.38	2.38	8.93	2.61	9.78	2.18	0.46	2.51	9.7	2.0	11.1	98	4.10	A
	1.5+2.0+2.0+2.5	1.74	2.32	2.32	2.90	9.27	2.74	9.87	2.27	0.48	2.51	10.1	2.1	11.1	98	4.08	A
	1.5+2.0+2.0+3.5	1.60	2.13	2.13	3.73	9.60	3.01	10.72	2.27	0.54	2.71	10.1	2.4	12.0	98	4.23	A
	1.5+2.0+2.0+4.2	1.48	1.98	1.98	4.16	9.60	3.20	10.73	2.26	0.55	2.71	10.0	2.4	12.0	98	4.25	A
	1.5+2.0+2.0+5.0	1.37	1.83	1.83	4.57	9.60	3.42	10.86	2.18	0.56	2.72	9.7	2.5	12.1	98	4.40	A
	1.5+2.0+2.0+6.0	1.25	1.67	1.67	5.01	9.60	3.69	11.09	2.10	0.57	2.64	9.3	2.5	11.7	98	4.57	A
	1.5+2.0+2.0+7.1	1.14	1.52	1.52	5.41	9.60	3.99	11.12	2.09	0.62	2.63	9.3	2.8	11.7	98	4.59	A
	1.5+2.0+2.5+2.5	1.69	2.26	2.82	2.82	9.60	2.88	10.17	2.27	0.52	2.51	10.1	2.3	11.1	98	4.23	A
	1.5+2.0+2.5+3.5	1.52	2.02	2.53	3.54	9.60	3.15	10.72	2.27	0.56	2.71	10.1	2.5	12.0	98	4.23	A
	1.5+2.0+2.5+4.2	1.41	1.88	2.35	3.95	9.60	3.34	10.73	2.26	0.58	2.71	10.0	2.6	12.0	98	4.25	A
	1.5+2.0+2.5+5.0	1.31	1.75	2.18	4.36	9.60	3.55	10.86	2.18	0.60	2.72	9.7	2.7	12.1	98	4.40	A
	1.5+2.0+2.5+6.0	1.20	1.60	2.00	4.80	9.60	3.82	11.09	2.10	0.59	2.64	9.3	2.6	11.7	98	4.57	A
	1.5+2.0+2.5+7.1	1.10	1.47	1.83	5.20	9.60	4.12	11.12	2.09	0.65	2.63	9.3	2.9	11.7	98	4.59	A
	1.5+2.0+3.5+3.5	1.37	1.83	3.20	3.20	9.60	3.42	10.73	2.26	0.60	2.71	10.0	2.7	12.0	98	4.25	A
	1.5+2.0+3.5+4.2	1.29	1.71	3.00	3.60	9.60	3.61	10.74	2.26	0.62	2.71	10.0	2.8	12.0	98	4.25	A
	1.5+2.0+3.5+5.0	1.20	1.60	2.80	4.00	9.60	3.82	10.86	2.17	0.64	2.71	9.6	2.8	12.0	98	4.42	A
	1.5+2.0+3.5+6.0	1.11	1.48	2.58	4.43	9.60	4.09	11.09	2.10	0.65	2.63	9.3	2.9	11.7	98	4.57	A
	1.5+2.0+3.5+7.1	1.02	1.36	2.38	4.83	9.60	4.39	11.13	2.09	0.69	2.62	9.3	3.1	11.6	98	4.59	A
	1.5+2.0+4.2+4.2	1.21	1.61	3.39	3.39	9.60	3.80	10.75	2.26	0.66	2.70	10.0	2.9	12.0	98	4.25	A
	1.5+2.0+4.2+5.0	1.13	1.51	3.17	3.78	9.60	4.01	10.87	2.17	0.67	2.71	9.6	3.0	12.0	98	4.42	A
	1.5+2.0+4.2+6.0	1.05	1.40	2.94	4.20	9.60	4.28	11.10	2.10	0.67	2.63	9.3	3.0	11.7	98	4.57	A
	1.5+2.0+5.0+5.0	1.07	1.42	3.56	3.56	9.60	4.23	11.00	2.13	0.69	2.67	9.4	3.1	11.8	98	4.51	A
	1.5+2.0+5.0+6.0	0.99	1.32	3.31	3.97	9.60	4.50	11.23	2.01	0.70	2.59	8.9	3.1	11.5	98	4.78	A
	1.5+2.5+2.5+2.5	1.60	2.67	2.67	2.67	9.60	3.01	10.71	2.27	0.54	2.72	10.1	2.4	12.1	98	4.23	A
	1.5+2.5+2.5+3.5	1.44	2.40	2.40	3.36	9.60	3.28	10.72	2.27	0.58	2.71	10.1	2.6	12.0	98	4.23	A
	1.5+2.5+2.5+4.2	1.35	2.24	2.24	3.77	9.60	3.47	10.73	2.26	0.60	2.71	10.0	2.7	12.0	98	4.25	A
	1.5+2.5+2.5+5.0	1.25	2.09	2.09	4.17	9.60	3.69	10.86	2.18	0.62	2.72	9.7	2.8	12.1	98	4.40	A
	1.5+2.5+2.5+6.0	1.15	1.92	1.92	4.61	9.60	3.96	11.09	2.10	0.61	2.64	9.3	2.7	11.7	98	4.57	A
	1.5+2.5+2.5+7.1	1.06	1.76	1.76	5.01	9.60	4.26	11.12	2.09	0.67	2.63	9.3	3.0	11.7	98	4.59	A
	1.5+2.5+3.5+3.5	1.31	2.18	3.05	3.05	9.60	3.55	10.73	2.26	0.62	2.71	10.0	2.8	12.0	98	4.25	A
	1.5+2.5+3.5+4.2	1.23	2.05	2.87	3.45	9.60	3.74	10.74	2.26	0.64	2.71	10.0	2.8	12.0	98	4.25	A
	1.5+2.5+3.5+5.0	1.15	1.92	2.69	3.84	9.60	3.96	10.86	2.17	0.67	2.71	9.6	3.0	12.0	98	4.42	A
	1.5+2.5+3.5+6.0	1.07	1.78	2.49	4.27	9.60	4.23	11.09	2.10	0.67	2.63	9.3	3.0	11.7	98	4.57	A
	1.5+2.5+4.2+4.2	1.16	1.94	3.25	3.25	9.60	3.93	10.75	2.26	0.69	2.70	10.0	3.1	12.0	98	4.25	A
	1.5+2.5+4.2+5.0	1.09	1.82	3.05	3.64	9.60	4.15	10.87	2.17	0.69	2.71	9.6	3.1	12.0	98	4.42	A
	1.5+2.5+4.2+6.0	1.01	1.69	2.84	4.06	9.60	4.42	11.10	2.10	0.70	2.63	9.3	3.1	11.7	98	4.57	A
	1.5+2.5+5.0+5.0	1.03	1.71	3.43	3.43	9.60	4.36	11.00	2.13	0.71	2.67	9.4	3.1	11.8	98	4.51	A
	1.5+3.5+3.5+3.5	1.20	2.80	2.80	2.80	9.60	3.82	10.74	2.26	0.66	2.71	10.0	2.9	12.0	98	4.25	A
	1.5+3.5+3.5+4.2	1.13	2.65	2.65	3.17	9.60	4.01	10.75	2.26	0.69	2.70	10.0	3.1	12.0	98	4.25	A
	1.5+3.5+3.5+5.0	1.07	2.49	2.49	3.56	9.60	4.23	10.87	2.17	0.71	2.71	9.6	3.1	12.0	98	4.42	A
	1.5+3.5+3.5+6.0	0.99	2.32	2.32	3.97	9.60	4.50	11.10	2.10	0.72	2.63	9.3	3.2	11.7	98	4.57	A
	1.5+3.5+4.2+4.2	1.07	2.51	3.01	3.01	9.60	4.20	10.75	2.26	0.73	2.70	10.0	3.2	12.0	98	4.25	A
	1.5+3.5+4.2+5.0	1.01	2.37	2.84	3.38	9.60	4.42	10.88	2.17	0.74	2.71	9.6	3.3	12.0	98	4.42	A
	1.5+4.2+4.2+4.2	1.02	2.86	2.86	2.86	9.60	4.39	10.76	2.25	0.76	2.70	10.0	3.4	12.0	98	4.27	A
	2.0+2.0+2.0+2.0	2.32	2.32	2.32	2.32	9.28	2.74	9.78	2.27	0.48	2.51	10.1	2.1	11.1	98	4.09	A
	2.0+2.0+2.0+2.5	2.26	2.26	2.26	2.82	9.60	2.88	9.92	2.36	0.52	2.51	10.5	2.3	11.1	98	4.07	A
	2.0+2.0+2.0+3.5	2.02	2.02	2.02	3.54	9.60	3.15	10.72	2.27	0.56	2.71	10.1	2.5	12.0	98	4.23	A
	2.0+2.0+2.0+4.2	1.88	1.88	1.88	3.96	9.60	3.34	10.73	2.26	0.58	2.71	10.0	2.6	12.0	98	4.25	A
	2.0+2.0+2.0+5.0	1.75	1.75	1.75	4.35	9.60	3.55	10.86	2.18	0.60	2.72	9.7	2.7	12.1	98	4.40	A
	2.0+2.0+2.0+6.0	1.60	1.60	1.60	4.80	9.60	3.82	11.09	2.10	0.59	2.64	9.3	2.6	11.7	98	4.57	A
	2.0+2.0+2.0+7.1	1.47	1.47	1.47	5.19	9.60	4.12	11.12	2.09	0.65	2.63	9.3	2.9	11.7	98	4.59	A
	2.0+2.0+2.5+2.5	2.13	2.13	2.67	2.67	9.60	3.01	10.71	2.27	0.54	2.72	10.1	2.4	12.1	98	4.23	A
	2.0+2.0+2.5+3.5	1.92	1.92	2.40	3.36	9.60	3.28	10.72	2.27	0.58	2.71	10.1	2.6	12.0	98	4.23	A
	2.0+2.0+2.5+4.2	1.79	1.79	2.25	3.77	9.60	3.47	10.73	2.26	0.60	2.71	10.0	2.7	12.0	98	4.25	A
	2.0+2.0+2.5+5.0	1.67	1.67	2.09	4.17	9.60	3.69	10.86	2.18	0.62	2.72	9.7	2.8	12.1	98	4.40	A
	2.0+2.0+2.5+6.0	1.54	1.54	1.92	4.60	9.60	3.96	11.09	2.10	0.61	2.64	9.3	2.7	11.7	98	4.57	A
	2.0+2.0+2.5+7.1	1.41	1.41	1.76	5.02	9.60	4.26	11.12	2.09	0.67	2.63	9.3	3.0	11.7	98	4.59	A
	2.0+2.0+3.5+3.5	1.75	1.75	3.05	3.05	9.60	3.55	10.73	2.26	0.62	2.71	10.0	2.8	12.0	98	4.25	A
	2.0+2.0+3.5+4.2	1.64	1.64	2.87	3.45	9.60	3.74	10.74	2.26	0.64	2.71	10.0	2.8	12.0	98	4.25	A
	2.0+2.0+3.5+5.0	1.54	1.54	2.69	3.83	9.60	3.96	10.86	2.17	0.67	2.71	9.6	3.0	12.0	98	4.42	A
	2.0+2.0+3.5+6.0	1.42	1.42	2.49	4.27	9.60	4.23	11.09	2.10	0.67	2.63	9.3	3.0	11.7	98	4.57	A
	2.0+2.0+4.2+4.2	1.55	1.55	3.25	3.25	9.60	3.93	10.75	2.26	0.66	2.70	10.0	2.9	12.0	98	4.25	A
	2.0+2.0+4.2+5.0	1.45	1.45	3.06	3.64	9.60	4.15	10.87	2.17	0.69	2.71	9.6	3.1	12.0	98	4.42	A
	2.0+2.0+4.2+6.0	1.35	1.35	2.84	4.06	9.60	4.42	11.10	2.10	0.70	2.63	9.3	3.1	11.7	98	4.57	A
	2.0+2.0+5.0+5.0	1.37	1.37	3.43	3.43	9.60	4.36	11.00	2.13	0.72	2.67	9.4	3.2	11.8	98	4.51	A
	2.0+2.5+2.5+2.5	2.01	2.53	2.53	2.53	9.60	3.15	10.71	2.27	0.56	2.72	10.1	2.5	12.1	98	4.23	A
	2.0+2.5+2.5+3.5	1.82	2.29	2.29	3.20	9.60	3.42	10.72	2.27	0.60	2.71	10.1	2.7	12.0	98	4.23	A
	2.0+2.5+2.5+4.2	1.72	2.14	2.14	3.60	9.60	3.61	10.73	2.26	0.62	2.71	10.0	2.8	12.0	98	4.25	A
	2.0+2.5+2.5+5.0	1.60	2.00	2.00	4.00	9.60	3.82	10.86	2.18	0.65	2.72	9.7	2.9	12.1	98	4.40	A
	2.0+2.5+2.5+6.0	1.47	1.85	1.85	4.43	9.60	4.09	11.09	2.10	0.65	2.64	9.3	2.9	11.7	98	4.57	A
	2.0+2.5+2.5+7.1	1.37	1.70	1.70	4.83	9.60	4.39	11.12	2.09	0.69	2.63	9.3	3.1	11.7	98	4.59	A
	2.0+2.5+3.5+3.5	1.67	2.09	2.92	2.92	9.60	3.69	10.73	2.26	0.64	2.71	10.0	2.8	12.0	98	4.25	A
	2.0+2.5+3.5+4.2	1.58	1.97	2.75	3.30	9.60	3.88	10.74	2.26	0.66	2.71	10.0	2.9	12.0	98	4.25	A
	2.0+2.5+3.5+5.0	1.48	1.85	2.58	3.69	9.60	4.09	10.86	2.18	0.69	2.71	9.7	3.1	12.0	98	4.40	A
	2.0+2.5+3.5+6.0	1.38	1.71	2.40	4.11	9.60	4.36	11.09	2.10	0.70	2.63	9.3	3.1	11.7	98	4.57	A
	2.0+2.5+4.2+4.2	1.50	1.86	3.12	3.12	9.60	4.07	10.75	2.26	0.69	2.70	10.0	3.1	12.0	98	4.25	A
	2.0+2.5+4.2+5.0	1.41	1.75	2.94	3.50	9.60	4.28	10.87	2.17	0.71	2.71	9.6	3.1	12.0	98	4.42	A
	2.0+2.5+5.0+5.0	1.32	1.66	3.31	3.31	9.60	4.50	11.00	2.13	0.74	2.67	9.4	3.3	11.8	98	4.51	A
	2.0+3.5+3.5+3.5	1.53	2.69	2.69	2.69	9.60	3.96	10.74	2.26	0.69	2.71	10.0	3.1	12.0	98	4.25	A
	2.0+3.5+3.5+4.2	1.45	2.55	2.55	3.05	9.60	4.15	10.75	2.26	0.71	2.70	10.0	3.1	12.0	98	4.25	A
	2.0+3.5+3.5+5.0	1.37	2.40	2.40	3.43	9.60	4.36	10.87	2.17	0.74	2.71	9.6	3.3	12.0	98	4.42	A

Notes: 1. Cooling capacity is based on 27°CDB/19°CWB (Indoor temperature). 35°CDB (Outdoor temperature).
Heating capacity is based on 20°CDB (Indoor temperature). 7°CDB/6°CWB (Outdoor temperature).
2. The total ability of connected a indoor unit is up to 14.5kW.
3. It is impossible to connect the indoor unit for one room only.
4. The above is the value for connecting with the following indoor units.
1.5. 2.0. 2.5. 3.5 kW class; wall mounted K series
4.2. 5.0 kW class; wall mounted J series
6.0. 7.1 kW class; wall mounted G series

* This page contains preliminary data

HEATING

OUTDOOR UNIT	INDOOR UNIT	HEATING CAPACITY (kW)				TOTAL CAPACITY (kW)			POWER INPUT COOLING (kW)			TOTAL CURRENT (A)			POWER FACTOR (%)	COP	ENERGY LABEL
		A ROOM	B ROOM	C ROOM	D ROOM	Min.	Nom.	Max.	Min.	Nom.	Max.	Min.	Nom.	Max.			
4MXS80E7V3B	2.0+3.5+4.2+4.2	1.38	2.42	2.90	2.90	9.60	4.34	10.75	2.26	0.76	2.70	10.0	3.4	12.0	98	4.25	A
	2.5+2.5+2.5+2.5	2.40	2.40	2.40	2.40	9.60	3.28	10.71	2.27	0.58	2.72	10.1	2.6	12.1	98	4.23	A
	2.5+2.5+2.5+3.5	2.18	2.18	2.18	3.06	9.60	3.55	10.72	2.27	0.62	2.71	10.1	2.8	12.0	98	4.23	A
	2.5+2.5+2.5+4.2	2.05	2.05	2.05	3.45	9.60	3.74	10.73	2.26	0.64	2.71	10.0	2.8	12.0	98	4.25	A
	2.5+2.5+2.5+5.0	1.92	1.92	1.92	3.84	9.60	3.96	10.86	2.18	0.67	2.72	9.7	3.0	12.1	98	4.40	A
	2.5+2.5+2.5+6.0	1.78	1.78	1.78	4.26	9.60	4.23	11.09	2.10	0.68	2.64	9.3	3.0	11.7	98	4.57	A
	2.5+2.5+3.5+3.5	2.00	2.00	2.80	2.80	9.60	3.82	10.73	2.26	0.67	2.71	10.0	3.0	12.0	98	4.25	A
	2.5+2.5+3.5+4.2	1.89	1.89	2.65	3.17	9.60	4.01	10.74	2.26	0.69	2.71	10.0	3.1	12.0	98	4.25	A
	2.5+2.5+3.5+5.0	1.78	1.78	2.49	3.55	9.60	4.23	10.86	2.18	0.71	2.71	9.7	3.1	12.0	98	4.40	A
	2.5+2.5+3.5+6.0	1.66	1.66	2.32	3.96	9.60	4.50	11.09	2.10	0.72	2.63	9.3	3.2	11.7	98	4.57	A
	2.5+2.5+4.2+4.2	1.79	1.79	3.01	3.01	9.60	4.20	10.75	2.26	0.71	2.70	10.0	3.1	12.0	98	4.25	A
	2.5+2.5+4.2+5.0	1.69	1.69	2.85	3.37	9.60	4.42	10.87	2.17	0.76	2.71	9.6	3.4	12.0	98	4.42	A
	2.5+3.5+3.5+3.5	1.86	2.58	2.58	2.58	9.60	4.09	10.74	2.26	0.71	2.71	10.0	3.1	12.0	98	4.25	A
	2.5+3.5+3.5+4.2	1.76	2.45	2.45	2.94	9.60	4.28	10.75	2.26	0.74	2.70	10.0	3.3	12.0	98	4.25	A
	2.5+3.5+3.5+5.0	1.65	2.32	2.32	3.31	9.60	4.50	10.87	2.17	0.76	2.71	9.6	3.4	12.0	98	4.42	A
	2.5+3.5+4.2+4.2	1.67	2.33	2.80	2.80	9.60	4.47	10.75	2.26	0.78	2.70	10.0	3.5	12.0	98	4.25	A
	3.5+3.5+3.5+3.5	2.40	2.40	2.40	2.40	9.60	4.36	10.75	2.26	0.76	2.70	10.0	3.4	12.0	98	4.25	A

Notes: 1. Cooling capacity is based on 27°CDB/19°CWB (Indoor temperature). 35°CDB (Outdoor temperature).
Heating capacity is based on 20°CDB (Indoor temperature). 7°CDB/6°CWB (Outdoor temperature).
2. The total ability of connected a indoor unit is up to 14.5kW.
3. It is impossible to connect the indoor unit for one room only.
4. The above is the value for connecting with the following indoor units.
1.5. 2.0. 2.5. 3.5 kW class; wall mounted K series
4.2. 5.0 kW class; wall mounted J series
6.0. 7.1 kW class; wall mounted G series

* This page contains preliminary data

COOLING

OUTDOOR UNIT	INDOOR UNIT	COOLING CAPACITY (kW)					TOTAL CAPACITY (kW)			POWER INPUT COOLING (kW)			TOTAL CURRENT (A)			POWER FACTOR (%)	EER	ENERGY LABEL	AEC (kWh)
		A ROOM	B ROOM	C ROOM	D ROOM	E ROOM	Min.	Nom.	Max.	Min.	Nom.	Max.	Min.	Nom.	Max.				
	1.5	1.50	---	---	---	---	1.47	1.50	2.22	0.30	0.54	0.68	1.3	2.4	3.0	98	2.78	D	270
	2.0	2.00	---	---	---	---	1.49	2.00	3.03	0.30	0.56	1.02	1.3	2.5	4.5	98	3.57	A	280
	2.5	2.50	---	---	---	---	1.51	2.50	3.54	0.30	0.71	1.18	1.3	3.1	5.2	98	3.52	A	355
	3.5	3.50	---	---	---	---	1.55	3.50	4.82	0.34	1.14	1.47	1.5	5.1	6.5	98	3.07	B	570
	4.2	4.20	---	---	---	---	2.13	4.20	5.14	0.56	1.38	1.69	2.5	6.1	7.5	98	3.04	B	690
	5.0	5.00	---	---	---	---	2.22	5.00	5.50	0.49	1.64	1.83	2.2	7.3	8.1	98	3.05	B	820
	6.0	6.00	---	---	---	---	2.33	6.00	6.60	0.50	1.89	2.24	2.2	8.4	9.9	98	3.17	B	945
	7.1	7.10	---	---	---	---	2.45	7.10	7.38	0.53	2.57	2.74	2.4	11.4	12.2	98	2.76	D	1285
	1.5+1.5	1.50	1.50	---	---	---	2.03	3.00	4.03	0.46	0.78	1.14	2.0	3.5	5.1	98	3.85	A	390
	1.5+2.0	1.50	2.00	---	---	---	2.05	3.50	4.50	0.50	0.94	1.34	2.2	4.2	5.9	98	3.72	A	470
	1.5+2.5	1.50	2.50	---	---	---	2.11	4.00	4.96	0.46	1.06	1.38	2.0	4.7	6.1	98	3.77	A	530
	1.5+3.5	1.50	3.50	---	---	---	2.22	5.00	5.82	0.46	1.43	1.79	2.0	6.3	7.9	98	3.50	A	715
	1.5+4.2	1.50	4.20	---	---	---	2.29	5.70	6.37	0.46	1.75	2.09	2.0	7.8	9.3	98	3.26	A	875
	1.5+5.0	1.50	5.00	---	---	---	2.38	6.50	6.97	0.50	2.10	2.42	2.2	9.3	10.7	98	3.10	B	1050
	1.5+6.0	1.45	5.79	---	---	---	2.51	7.24	7.64	0.54	2.34	2.57	2.4	10.4	11.4	98	3.09	B	1170
	1.5+7.1	1.33	6.30	---	---	---	2.67	7.63	8.29	0.57	2.57	3.00	2.5	11.4	13.3	98	2.97	C	1285
	2.0+2.0	2.00	2.00	---	---	---	2.11	4.00	5.30	0.50	1.14	1.79	2.2	5.1	7.9	98	3.51	A	570
	2.0+2.5	2.00	2.50	---	---	---	2.16	4.50	5.73	0.50	1.30	1.79	2.2	5.8	7.9	98	3.46	A	650
	2.0+3.5	2.00	3.50	---	---	---	2.27	5.50	6.36	0.50	1.70	2.09	2.2	7.5	9.3	98	3.24	A	850
	2.0+4.2	2.00	4.20	---	---	---	2.35	6.20	6.75	0.50	1.99	2.35	2.2	8.8	10.4	98	3.12	B	995
	2.0+5.0	2.00	5.00	---	---	---	2.44	7.00	7.31	0.50	2.42	2.59	2.2	10.7	11.5	98	2.89	C	1210
	2.0+6.0	1.86	5.56	---	---	---	2.58	7.42	7.96	0.54	2.45	2.81	2.4	10.9	12.5	98	3.03	B	1225
	2.0+7.1	1.71	6.09	---	---	---	2.74	7.80	8.47	0.57	2.69	3.13	2.5	11.9	13.9	98	2.90	C	1345
	2.5+2.5	2.50	2.50	---	---	---	2.22	5.00	6.20	0.46	1.39	1.99	2.0	6.2	8.8	98	3.60	A	695
	2.5+3.5	2.50	3.50	---	---	---	2.33	6.00	6.60	0.50	1.89	2.25	2.2	8.4	10.0	98	3.17	B	945
	2.5+4.2	2.50	4.20	---	---	---	2.41	6.70	7.11	0.50	2.30	2.57	2.2	10.2	11.4	98	2.91	C	1150
	2.5+5.0	2.41	4.83	---	---	---	2.51	7.24	7.64	0.53	2.59	2.82	2.4	11.5	12.5	98	2.80	D	1295
	2.5+6.0	2.23	5.36	---	---	---	2.66	7.59	8.25	0.57	2.57	3.00	2.5	11.4	13.3	98	2.95	C	1285
	2.5+7.1	2.08	5.90	---	---	---	2.82	7.98	8.47	0.60	2.81	3.13	2.7	12.5	13.9	98	2.84	C	1405
	3.5+3.5	3.50	3.50	---	---	---	2.44	7.00	7.31	0.53	2.52	2.69	2.4	11.2	11.9	98	2.78	D	1260
	3.5+4.2	3.32	3.99	---	---	---	2.54	7.31	7.66	0.53	2.69	2.92	2.4	11.9	13.0	98	2.72	D	1345
	3.5+5.0	3.13	4.46	---	---	---	2.66	7.59	7.83	0.57	2.82	2.94	2.5	12.5	13.0	98	2.69	D	1410
	3.5+6.0	2.93	5.01	---	---	---	2.80	7.94	8.45	0.60	2.81	3.13	2.7	12.5	13.9	98	2.83	C	1405
	3.5+7.1	2.75	5.58	---	---	---	2.96	8.33	8.47	0.64	3.07	3.13	2.8	13.6	13.9	98	2.71	D	1535
	4.2+4.2	3.78	3.78	---	---	---	2.64	7.56	7.67	0.56	2.86	2.92	2.5	12.7	13.0	98	2.64	D	1430
	4.2+5.0	3.58	4.26	---	---	---	2.76	7.84	8.01	0.60	2.94	3.07	2.7	13.0	13.6	98	2.67	D	1470
	4.2+6.0	3.37	4.82	---	---	---	2.91	8.19	8.46	0.60	2.94	3.13	2.7	13.0	13.9	98	2.79	D	1470
	4.2+7.1	3.19	5.39	---	---	---	3.07	8.58	8.66	0.64	3.26	3.26	2.8	14.5	14.5	98	2.63	D	1630
	5.0+5.0	4.06	4.06	---	---	---	2.88	8.12	8.18	0.60	3.09	3.19	2.7	13.7	14.2	98	2.63	D	1545
	5.0+6.0	3.85	4.62	---	---	---	3.02	8.47	8.64	0.64	3.09	3.25	2.8	13.7	14.4	98	2.74	D	1545
	5.0+7.1	3.66	5.20	---	---	---	3.19	8.86	8.88	0.67	3.36	3.39	3.0	14.9	15.0	98	2.64	D	1680
5MXS90E2V3B	6.0+6.0	4.41	4.41	---	---	---	3.17	8.82	9.27	0.64	3.08	3.36	2.8	13.7	14.9	98	2.86	C	1540
	6.0+7.1	4.12	4.88	---	---	---	3.33	9.00	9.29	0.68	3.08	3.36	3.0	13.7	14.9	98	2.92	C	1540
	7.1+7.1	4.50	4.50	---	---	---	3.49	9.00	9.31	0.71	3.02	3.36	3.1	13.4	14.9	98	2.98	C	1510
	1.5+1.5+1.5	1.50	1.50	1.50	---	---	2.16	4.50	5.40	0.47	1.05	1.39	2.1	4.7	6.2	98	4.29	A	525
	1.5+1.5+2.0	1.50	1.50	2.00	---	---	2.22	5.00	5.82	0.47	1.22	1.57	2.1	5.4	7.0	98	4.10	A	610
	1.5+1.5+2.5	1.50	1.50	2.50	---	---	2.27	5.50	6.22	0.47	1.43	1.76	2.1	6.3	7.8	98	3.85	A	715
	1.5+1.5+3.5	1.50	1.50	3.50	---	---	2.38	6.50	6.97	0.50	1.91	2.17	2.2	8.5	9.6	98	3.40	A	955
	1.5+1.5+4.2	1.49	1.49	4.17	---	---	2.46	7.14	7.45	0.50	2.28	2.45	2.2	10.1	10.9	98	3.13	B	1140
	1.5+1.5+5.0	1.39	1.39	4.64	---	---	2.58	7.42	7.96	0.54	2.35	2.71	2.4	10.4	12.0	98	3.16	B	1175
	1.5+1.5+6.0	1.30	1.30	5.18	---	---	2.73	7.77	8.53	0.58	2.38	2.82	2.6	10.6	12.5	98	3.26	A	1190
	1.5+1.5+7.1	1.21	1.21	5.74	---	---	2.89	8.16	9.07	0.61	2.56	3.22	2.7	11.4	14.3	98	3.19	B	1280
	1.5+2.0+2.0	1.50	2.00	2.00	---	---	2.27	5.50	6.22	0.50	1.43	1.76	2.2	6.3	7.8	98	3.85	A	715
	1.5+2.0+2.5	1.50	2.00	2.50	---	---	2.33	6.00	6.60	0.47	1.66	1.96	2.1	7.4	8.7	98	3.61	A	830
	1.5+2.0+3.5	1.50	2.00	3.50	---	---	2.44	7.00	7.31	0.50	2.17	2.40	2.2	9.6	10.6	98	3.23	A	1085
	1.5+2.0+4.2	1.42	1.90	3.99	---	---	2.54	7.31	7.77	0.54	2.40	2.69	2.4	10.6	11.9	98	3.05	B	1200
	1.5+2.0+5.0	1.34	1.79	4.46	---	---	2.66	7.59	8.25	0.54	2.47	2.89	2.4	11.0	12.8	98	3.07	B	1235
	1.5+2.0+6.0	1.25	1.67	5.01	---	---	2.80	7.94	8.78	0.58	2.44	3.01	2.6	10.8	13.4	98	3.25	A	1220
	1.5+2.0+7.1	1.18	1.57	5.58	---	---	2.96	8.33	9.12	0.61	2.69	3.22	2.7	11.9	14.3	98	3.10	B	1345
	1.5+2.5+2.5	1.50	2.50	2.50	---	---	2.38	6.50	6.97	0.50	1.91	2.17	2.2	8.5	9.6	98	3.40	A	955
	1.5+2.5+3.5	1.45	2.41	3.38	---	---	2.51	7.24	7.64	0.54	2.34	2.57	2.4	10.4	11.4	98	3.09	B	1170
	1.5+2.5+4.2	1.37	2.28	3.84	---	---	2.61	7.49	8.08	0.54	2.45	2.88	2.4	10.9	12.8	98	3.06	B	1225
	1.5+2.5+5.0	1.30	2.16	4.32	---	---	2.73	7.77	8.53	0.57	2.59	3.09	2.5	11.5	13.7	98	3.00	C	1295
	1.5+2.5+6.0	1.22	2.03	4.87	---	---	2.88	8.12	9.03	0.58	2.56	3.22	2.6	11.4	14.3	98	3.17	B	1280
	1.5+2.5+7.1	1.15	1.92	5.44	---	---	3.04	8.51	9.30	0.61	2.82	3.36	2.7	12.5	14.9	98	3.02	B	1410
	1.5+3.5+3.5	1.34	3.13	3.13	---	---	2.66	7.59	8.25	0.57	2.57	3.00	2.5	11.4	13.3	98	2.95	C	1285
	1.5+3.5+4.2	1.28	2.98	3.58	---	---	2.76	7.84	8.48	0.57	2.69	3.13	2.5	11.9	13.9	98	2.91	C	1345
	1.5+3.5+5.0	1.22	2.84	4.06	---	---	2.88	8.12	8.66	0.61	2.83	3.16	2.7	12.6	14.0	98	2.87	C	1415
	1.5+3.5+6.0	1.16	2.70	4.62	---	---	3.02	8.47	9.11	0.61	2.82	3.22	2.7	12.5	14.3	98	3.00	B	1410
	1.5+3.5+7.1	1.10	2.56	5.20	---	---	3.19	8.86	9.31	0.64	3.08	3.36	2.8	13.7	14.9	98	2.88	C	1540
	1.5+4.2+4.2	1.23	3.43	3.43	---	---	2.86	8.09	8.49	0.60	2.88	3.13	2.7	12.8	13.9	98	2.81	C	1440
	1.5+4.2+5.0	1.17	3.29	3.91	---	---	2.98	8.37	8.67	0.61	2.96	3.16	2.7	13.1	14.0	98	2.83	C	1480
	1.5+4.2+6.0	1.12	3.13	4.47	---	---	3.13	8.72	9.30	0.64	2.95	3.36	2.8	13.1	14.9	98	2.96	C	1475
	1.5+4.2+7.1	1.05	2.95	4.99	---	---	3.29	9.00	9.32	0.68	3.15	3.36	3.0	14.0	14.9	98	2.86	C	1575
	1.5+5.0+5.0	1.13	3.76	3.76	---	---	3.10	8.65	9.02	0.64	3.05	3.32	2.8	13.5	14.7	98	2.84	C	1525
	1.5+5.0+6.0	1.08	3.60	4.32	---	---	3.24	9.00	9.47	0.64	2.97	3.39	2.8	13.2	15.0	98	3.03	B	1485
	1.5+5.0+7.1	0.99	3.31	4.70	---	---	3.41	9.00	9.49	0.68	2.90	3.39	3.0	12.9	15.0	98	3.10	B	1450
	1.5+6.0+6.0	1.00	4.00	4.00	---	---	3.39	9.00	9.93	0.68	2.68	3.46	3.0	11.9	15.4	98	3.36	A	1340
	1.5+6.0+7.1	0.92	3.70	4.38	---	---	3.55	9.00	9.95	0.71	2.61	3.46	3.1	11.6	15.4	98	3.45	A	1305
	2.0+2.0+2.0	2.00	2.00	2.00	---	---	2.33	6.00	6.63	0.50	1.66	1.96	2.2	7.4	8.7	98	3.61	A	830
	2.0+2.0+2.5	2.00	2.00	2.50	---	---	2.38	6.50	6.97	0.50	1.91	2.17	2.2	8.5	9.6	98	3.40	A	955
	2.0+2.0+3.5	1.93	1.93	3.38	---	---	2.51	7.24	7.64	0.54	2.34	2.57	2.4	10.4	11.4	98	3.09	B	1170
	2.0+2.0+4.2	1.83	1.83	3.83	---	---	2.61	7.49	8.08	0.54	2.45	2.88	2.4	10.9	12.8	98	3.06	B	1225

Notes: 1. Cooling capacity is based on 27°CDB/19°CWB (Indoor temperature). 35°CDB (Outdoor temperature).
Heating capacity is based on 20°CDB (Indoor temperature). 7°CDB/6°CWB (Outdoor temperature).
2. The total ability of connected a indoor unit is up to 14.5kW.
3. It is impossible to connect the indoor unit for one room only.
4. The above is the value for connecting with the following indoor units.
1.5. 2.0. 2.5. 3.5 kW class; wall mounted K series
4.2. 5.0 kW class; wall mounted J series
6.0. 7.1 kW class; wall mounted G series

* This page contains preliminary data

COOLING

OUTDOOR UNIT	INDOOR UNIT	COOLING CAPACITY (kW)					TOTAL CAPACITY (kW)			POWER INPUT COOLING (kW)			TOTAL CURRENT (A)			POWER FACTOR (%)	EER	ENERGY LABEL	AEC (kWh)
		A ROOM	B ROOM	C ROOM	D ROOM	E ROOM	Min.	Nom.	Max.	Min.	Nom.	Max.	Min.	Nom.	Max.				
	2.0+2.0+5.0	1.72	1.72	4.33	---	---	2.73	7.77	8.53	0.57	2.59	3.09	2.5	11.5	13.7	98	3.00	C	1295
	2.0+2.0+6.0	1.62	1.62	4.88	---	---	2.88	8.12	9.03	0.58	2.56	3.22	2.6	11.4	14.3	98	3.17	B	1280
	2.0+2.0+7.1	1.53	1.53	5.45	---	---	3.04	8.51	9.30	0.61	2.82	3.36	2.7	12.5	14.9	98	3.02	B	1410
	2.0+2.5+2.5	2.00	2.50	2.50	---	---	2.44	7.00	7.31	0.50	2.17	2.40	2.2	9.6	10.6	98	3.23	A	1085
	2.0+2.5+3.5	1.86	2.32	3.24	---	---	2.58	7.42	7.96	0.54	2.45	2.81	2.4	10.9	12.5	98	3.03	B	1225
	2.0+2.5+4.2	1.76	2.20	3.70	---	---	2.69	7.66	8.36	0.57	2.57	3.07	2.5	11.4	13.6	98	2.98	C	1285
	2.0+2.5+5.0	1.67	2.09	4.18	---	---	2.80	7.94	8.65	0.57	2.71	3.15	2.5	12.0	14.0	98	2.93	C	1355
	2.0+2.5+6.0	1.58	1.98	4.74	---	---	2.95	8.30	9.10	0.61	2.69	3.22	2.7	11.9	14.3	98	3.09	B	1345
	2.0+2.5+7.1	1.50	1.87	5.31	---	---	3.11	8.68	9.30	0.64	2.95	3.36	2.8	13.1	14.9	98	2.94	C	1475
	2.0+3.5+3.5	1.73	3.02	3.02	---	---	2.73	7.77	8.47	0.57	2.69	3.13	2.5	11.9	13.9	98	2.89	C	1345
	2.0+3.5+4.2	1.65	2.89	3.47	---	---	2.83	8.01	8.48	0.60	2.81	3.13	2.7	12.5	13.9	98	2.85	C	1405
	2.0+3.5+5.0	1.58	2.77	3.95	---	---	2.95	8.30	8.66	0.61	2.96	3.16	2.7	13.1	14.0	98	2.80	C	1480
	2.0+3.5+6.0	1.50	2.63	4.52	---	---	3.10	8.65	9.29	0.64	2.95	3.36	2.8	13.1	14.9	98	2.93	C	1475
	2.0+3.5+7.1	1.43	2.50	5.07	---	---	3.26	9.00	9.31	0.68	3.15	3.36	3.0	14.0	14.9	98	2.86	C	1575
	2.0+4.2+4.2	1.58	3.34	3.34	---	---	2.94	8.26	8.49	0.60	3.00	3.13	2.7	13.3	13.9	98	2.75	D	1500
	2.0+4.2+5.0	1.53	3.20	3.81	---	---	3.05	8.54	8.84	0.64	3.09	3.29	2.8	13.7	14.6	98	2.76	D	1545
	2.0+4.2+6.0	1.46	3.06	4.37	---	---	3.20	8.89	9.30	0.64	3.08	3.36	2.8	13.7	14.9	98	2.89	C	1540
	2.0+4.2+7.1	1.36	2.84	4.80	---	---	3.36	9.00	9.32	0.68	3.15	3.36	3.0	14.0	14.9	98	2.86	C	1575
	2.0+5.0+5.0	1.46	3.68	3.68	---	---	3.17	8.82	9.02	0.64	3.18	3.32	2.8	14.1	14.7	98	2.77	D	1590
	2.0+5.0+6.0	1.39	3.46	4.15	---	---	3.32	9.00	9.47	0.68	2.97	3.39	3.0	13.2	15.0	98	3.03	B	1485
	2.0+5.0+7.1	1.28	3.19	4.53	---	---	3.48	9.00	9.49	0.71	2.90	3.39	3.1	12.9	15.0	98	3.10	B	1450
	2.0+6.0+6.0	1.28	3.86	3.86	---	---	3.46	9.00	9.93	0.68	2.68	3.46	3.0	11.9	15.4	98	3.36	A	1340
	2.0+6.0+7.1	1.19	3.58	4.23	---	---	3.63	9.00	10.40	0.71	2.61	4.00	3.1	11.6	17.7	98	3.45	A	1305
	2.5+2.5+2.5	2.41	2.41	2.41	---	---	2.51	7.23	7.64	0.54	2.34	2.57	2.4	10.4	11.4	98	3.09	B	1170
	2.5+2.5+3.5	2.23	2.23	3.13	---	---	2.66	7.59	8.25	0.57	2.57	3.00	2.5	11.4	13.3	98	2.95	C	1285
	2.5+2.5+4.2	2.13	2.13	3.58	---	---	2.76	7.84	8.47	0.57	2.69	3.13	2.5	11.9	13.9	98	2.91	C	1345
	2.5+2.5+5.0	2.03	2.03	4.06	---	---	2.88	8.12	8.65	0.61	2.83	3.15	2.7	12.6	14.0	98	2.87	C	1415
	2.5+2.5+6.0	1.93	1.93	4.61	---	---	3.02	8.47	9.10	0.61	2.82	3.22	2.7	12.5	14.3	98	3.00	B	1410
	2.5+2.5+7.1	1.83	1.83	5.20	---	---	3.19	8.86	9.30	0.64	3.08	3.36	2.8	13.7	14.9	98	2.88	C	1540
	2.5+3.5+3.5	2.08	2.93	2.93	---	---	2.80	7.94	8.47	0.60	2.75	3.13	2.7	12.2	13.9	98	2.89	C	1375
	2.5+3.5+4.2	2.01	2.81	3.37	---	---	2.91	8.19	8.48	0.60	2.94	3.13	2.7	13.0	13.9	98	2.79	D	1470
	2.5+3.5+5.0	1.93	2.70	3.84	---	---	3.02	8.47	8.66	0.64	3.02	3.16	2.8	13.4	14.0	98	2.80	C	1510
	2.5+3.5+6.0	1.84	2.57	4.41	---	---	3.17	8.82	9.29	0.64	3.01	3.36	2.8	13.4	14.9	98	2.93	C	1505
	2.5+3.5+7.1	1.72	2.40	4.88	---	---	3.33	9.00	9.31	0.68	3.15	3.36	3.0	14.0	14.9	98	2.86	C	1575
	2.5+4.2+4.2	1.94	3.25	3.25	---	---	3.01	8.44	8.44	0.64	3.13	3.13	2.8	13.9	13.9	98	2.70	D	1565
	2.5+4.2+5.0	1.86	3.13	3.73	---	---	3.13	8.72	8.84	0.64	3.22	3.29	2.8	14.3	14.6	98	2.71	D	1610
	2.5+4.2+6.0	1.77	2.98	4.25	---	---	3.27	9.00	9.30	0.68	3.15	3.36	3.0	14.0	14.9	98	2.86	C	1575
	2.5+4.2+7.1	1.63	2.74	4.63	---	---	3.44	9.00	9.32	0.71	3.15	3.36	3.1	14.0	14.9	98	2.86	C	1575
	2.5+5.0+5.0	1.80	3.60	3.60	---	---	3.24	9.00	9.02	0.67	3.32	3.37	3.0	14.7	15.0	98	2.71	D	1660
	2.5+5.0+6.0	1.67	3.33	4.00	---	---	3.39	9.00	9.47	0.68	3.04	3.39	3.0	13.5	15.0	98	2.96	C	1520
	2.5+5.0+7.1	1.54	3.08	4.38	---	---	3.55	9.00	9.49	0.71	2.97	3.39	3.1	13.2	15.0	98	3.03	B	1485
5MXS90E2V3B	2.5+6.0+6.0	1.56	3.72	3.72	---	---	3.54	9.00	9.93	0.71	2.75	3.46	3.1	12.2	15.4	98	3.27	A	1375
	2.5+6.0+7.1	1.44	3.46	4.10	---	---	3.70	9.00	10.40	0.71	2.68	4.00	3.1	11.9	17.7	98	3.36	A	1340
	3.5+3.5+3.5	2.77	2.77	2.77	---	---	2.95	8.31	8.60	0.64	3.07	3.26	2.8	13.6	14.5	98	2.71	D	1535
	3.5+3.5+4.2	2.67	2.67	3.20	---	---	3.05	8.54	8.66	0.64	3.20	3.26	2.8	14.2	14.5	98	2.67	D	1600
	3.5+3.5+5.0	2.57	2.57	3.68	---	---	3.17	8.82	8.84	0.67	3.29	3.32	3.0	14.6	14.7	98	2.68	D	1645
	3.5+3.5+6.0	2.42	2.42	4.16	---	---	3.32	9.00	9.30	0.68	3.08	3.36	3.0	13.7	14.9	98	2.92	C	1540
	3.5+3.5+7.1	2.23	2.23	4.54	---	---	3.48	9.00	9.32	0.71	3.02	3.36	3.1	13.4	14.9	98	2.98	C	1510
	3.5+4.2+4.2	2.59	3.10	3.10	---	---	3.16	8.79	8.79	0.67	3.26	3.26	3.0	14.5	14.5	98	2.70	D	1630
	3.5+4.2+5.0	2.48	2.98	3.54	---	---	3.27	9.00	9.00	0.67	3.29	3.29	3.0	14.6	14.6	98	2.74	D	1645
	3.5+4.2+6.0	2.30	2.76	3.94	---	---	3.42	9.00	9.31	0.71	3.15	3.36	3.1	14.0	14.9	98	2.86	C	1575
	3.5+4.2+7.1	2.13	2.55	4.32	---	---	3.58	9.00	9.81	0.75	3.15	3.95	3.3	14.0	17.5	98	2.86	C	1575
	3.5+5.0+5.0	2.34	3.33	3.33	---	---	3.39	9.00	9.02	0.71	3.32	3.35	3.1	14.7	14.9	98	2.71	D	1660
	3.5+5.0+6.0	2.18	3.10	3.72	---	---	3.54	9.00	9.48	0.71	3.04	3.39	3.1	13.5	15.0	98	2.96	C	1520
	3.5+5.0+7.1	2.02	2.88	4.10	---	---	3.70	9.00	9.94	0.75	2.97	3.91	3.3	13.2	17.3	98	3.03	B	1485
	3.5+6.0+6.0	2.04	3.48	3.48	---	---	3.69	9.00	10.38	0.71	2.75	4.00	3.1	12.2	17.7	98	3.27	A	1375
	4.2+4.2+4.2	3.00	3.00	3.00	---	---	3.26	9.00	9.00	0.71	3.27	3.27	3.1	14.5	14.5	98	2.75	D	1635
	4.2+4.2+5.0	2.82	2.82	3.36	---	---	3.38	9.00	9.08	0.71	3.29	3.29	3.1	14.6	14.6	98	2.74	D	1645
	4.2+4.2+6.0	2.63	2.63	3.74	---	---	3.52	9.00	9.32	0.71	3.15	3.36	3.1	14.0	14.9	98	2.86	C	1575
	4.2+4.2+7.1	2.44	2.44	4.12	---	---	3.69	9.00	9.82	0.75	3.16	3.95	3.3	14.0	17.5	98	2.85	C	1580
	4.2+5.0+5.0	2.66	3.17	3.17	---	---	3.49	9.00	9.03	0.74	3.32	3.32	3.3	14.7	14.7	98	2.71	D	1660
	4.2+5.0+6.0	2.49	2.96	3.55	---	---	3.64	9.00	9.98	0.75	3.04	3.98	3.3	13.5	17.7	98	2.96	C	1520
	5.0+5.0+5.0	3.00	3.00	3.00	---	---	3.61	9.00	9.78	0.75	3.21	4.07	3.3	14.2	18.1	98	2.80	C	1605
	1.5+1.5+1.5	1.50	1.50	1.50	1.50	---	2.33	6.00	6.60	0.48	1.39	1.62	2.1	6.2	7.2	98	4.32	A	695
	1.5+1.5+1.5	1.50	1.50	1.50	2.00	---	2.38	6.50	6.97	0.51	1.58	1.82	2.3	7.0	8.1	98	4.11	A	790
	1.5+1.5+1.5	1.50	1.50	1.50	2.50	---	2.44	7.00	7.31	0.51	1.82	1.98	2.3	8.1	8.8	98	3.85	A	910
	1.5+1.5+1.5	1.39	1.39	1.39	3.25	---	2.58	7.42	7.96	0.54	2.04	2.32	2.4	9.1	10.3	98	3.64	A	1020
	1.5+1.5+1.5	1.32	1.32	1.32	3.70	---	2.69	7.66	8.36	0.54	2.26	2.69	2.4	10.0	11.9	98	3.39	A	1130
	1.5+1.5+1.5	1.25	1.25	1.25	4.18	---	2.80	7.94	8.78	0.58	2.33	2.90	2.6	10.3	12.9	98	3.41	A	1165
	1.5+1.5+1.5	1.19	1.19	1.19	4.74	---	2.95	8.30	9.25	0.58	2.36	2.95	2.6	10.5	13.1	98	3.52	A	1180
	1.5+1.5+1.5	1.12	1.12	1.12	5.31	---	3.11	8.68	9.67	0.61	2.62	3.24	2.7	11.6	14.4	98	3.31	A	1310
	1.5+1.5+2.0	1.50	1.50	2.00	2.00	---	2.44	7.00	7.31	0.51	1.82	1.98	2.3	8.1	8.8	98	3.85	A	910
	1.5+1.5+2.0	1.45	1.45	1.93	2.41	---	2.51	7.24	7.64	0.51	1.93	2.15	2.3	8.6	9.5	98	3.75	A	965
	1.5+1.5+2.0	1.34	1.34	1.79	3.13	---	2.66	7.59	8.25	0.54	2.09	2.50	2.4	9.3	11.1	98	3.63	A	1045
	1.5+1.5+2.0	1.28	1.28	1.70	3.58	---	2.76	7.84	8.63	0.58	2.38	2.88	2.6	10.6	12.8	98	3.29	A	1190
	1.5+1.5+2.0	1.22	1.22	1.62	4.06	---	2.88	8.12	9.03	0.58	2.45	3.11	2.6	10.9	13.8	98	3.31	A	1225
	1.5+1.5+2.0	1.16	1.16	1.54	4.62	---	3.02	8.47	9.45	0.61	2.49	3.09	2.7	11.0	13.7	98	3.40	A	1245
	1.5+1.5+2.0	1.10	1.10	1.46	5.20	---	3.19	8.86	9.84	0.65	2.68	3.39	2.9	11.9	15.0	98	3.31	A	1340
	1.5+1.5+2.5	1.39	1.39	2.32	2.32	---	2.58	7.42	7.96	0.54	2.04	2.32	2.4	9.1	10.3	98	3.64	A	1020
	1.5+1.5+2.5	1.30	1.30	2.16	3.02	---	2.73	7.77	8.53	0.58	2.32	2.82	2.6	10.3	12.5	98	3.35	A	1160
	1.5+1.5+2.5	1.24	1.24	2.06	3.47	---	2.83	8.01	8.88	0.58	2.50	3.08	2.6	11.1	13.7	98	3.20	A	1250
	1.5+1.5+2.5	1.19	1.19	1.98	3.95	---	2.95	8.30	9.25	0.61	2.58	3.25	2.7	11.4	14.4	98	3.22	A	1290
	1.5+1.5+2.5	1.13	1.13	1.88	4.51	---	3.10	8.65	9.64	0.61	2.55	3.24	2.7	11.3	14.4	98	3.39	A	1275

Notes: 1. Cooling capacity is based on 27°CDB/19°CWB (Indoor temperature). 35°CDB (Outdoor temperature).
Heating capacity is based on 20°CDB (Indoor temperature). 7°CDB/6°CWB (Outdoor temperature).
2. The total ability of connected a indoor unit is up to 14.5kW.
3. It is impossible to connect the indoor unit for one room only.
4. The above is the value for connecting with the following indoor units.
1.5. 2.0. 2.5. 3.5 kW class; wall mounted K series
4.2. 5.0 kW class; wall mounted J series
6.0. 7.1 kW class; wall mounted G series

* This page contains preliminary data

COOLING

OUTDOOR UNIT	INDOOR UNIT	COOLING CAPACITY (kW)					TOTAL CAPACITY (kW)			POWER INPUT COOLING (kW)			TOTAL CURRENT (A)			POWER FACTOR (%)	EER	ENERGY LABEL	AEC (kWh)
		A ROOM	B ROOM	C ROOM	D ROOM	E ROOM	Min.	Nom.	Max.	Min.	Nom.	Max.	Min.	Nom.	Max.				
	1.5+1.5+2.5+7.1	1.07	1.07	1.79	5.07	---	3.26	9.00	9.96	0.65	2.81	3.46	2.9	12.5	15.4	98	3.20	A	1405
	1.5+1.5+3.5+3.5	1.22	1.22	2.84	2.84	---	2.88	8.12	9.03	0.58	2.56	3.15	2.6	11.4	14.0	98	3.17	B	1280
	1.5+1.5+3.5+4.2	1.17	1.17	2.74	3.29	---	2.98	8.37	9.14	0.61	2.69	3.22	2.7	11.9	14.3	98	3.11	B	1345
	1.5+1.5+3.5+5.0	1.13	1.13	2.63	3.76	---	3.10	8.65	9.49	0.64	2.84	3.39	2.8	12.6	15.0	98	3.05	B	1420
	1.5+1.5+3.5+6.0	1.08	1.08	2.52	4.32	---	3.24	9.00	9.95	0.64	2.75	3.46	2.8	12.2	15.4	98	3.27	A	1375
	1.5+1.5+3.5+7.1	0.99	0.99	2.32	4.70	---	3.41	9.00	9.97	0.68	2.68	3.46	3.0	11.9	15.4	98	3.36	A	1340
	1.5+1.5+4.2+4.2	1.13	1.13	3.17	3.17	---	3.08	8.61	9.33	0.64	2.89	3.36	2.8	12.8	14.9	98	2.98	C	1445
	1.5+1.5+4.2+5.0	1.09	1.09	3.06	3.64	---	3.20	8.89	9.50	0.64	2.97	3.39	2.8	13.2	15.0	98	2.99	C	1485
	1.5+1.5+4.2+6.0	1.02	1.02	2.86	4.09	---	3.35	9.00	9.96	0.65	2.81	3.46	2.9	12.5	15.4	98	3.20	A	1405
	1.5+1.5+4.2+7.1	0.94	0.94	2.64	4.47	---	3.51	9.00	9.98	0.68	2.75	3.46	3.0	12.2	15.4	98	3.27	A	1375
	1.5+1.5+5.0+5.0	1.04	1.04	3.46	3.46	---	3.32	9.00	9.68	0.68	2.92	3.42	3.0	13.0	15.2	98	3.08	B	1460
	1.5+1.5+5.0+6.0	0.96	0.96	3.21	3.86	---	3.46	9.00	10.14	0.68	2.70	3.49	3.0	12.0	15.5	98	3.33	A	1350
	1.5+1.5+5.0+7.1	0.89	0.89	2.98	4.23	---	3.63	9.00	10.46	0.71	2.70	3.88	3.1	12.0	17.2	98	3.33	A	1350
	1.5+1.5+6.0+6.0	0.90	0.90	3.60	3.60	---	3.61	9.00	10.45	0.68	2.46	3.48	3.0	10.9	15.4	98	3.66	A	1230
	1.5+2.0+2.0+2.0	1.45	1.93	1.93	1.93	---	2.51	7.24	7.64	0.51	1.93	2.15	2.3	8.6	9.5	98	3.75	A	965
	1.5+2.0+2.0+2.5	1.39	1.86	1.86	2.32	---	2.58	7.42	7.96	0.54	2.04	2.32	2.4	9.1	10.3	98	3.64	A	1020
	1.5+2.0+2.0+3.5	1.30	1.73	1.73	3.02	---	2.73	7.77	8.53	0.58	2.21	2.63	2.6	9.8	11.7	98	3.52	A	1105
	1.5+2.0+2.0+4.2	1.24	1.65	1.65	3.47	---	2.83	8.01	8.88	0.58	2.50	3.08	2.6	11.1	13.7	98	3.20	A	1250
	1.5+2.0+2.0+5.0	1.19	1.58	1.58	3.95	---	2.95	8.30	9.25	0.61	2.58	3.25	2.7	11.4	14.4	98	3.22	A	1290
	1.5+2.0+2.0+6.0	1.13	1.50	1.50	4.51	---	3.10	8.65	9.64	0.61	2.55	3.24	2.7	11.3	14.4	98	3.39	A	1275
	1.5+2.0+2.0+7.1	1.07	1.43	1.43	5.07	---	3.26	9.00	9.96	0.65	2.81	3.46	2.9	12.5	15.4	98	3.20	A	1405
	1.5+2.0+2.5+2.5	1.34	1.79	2.23	2.23	---	2.66	7.59	8.25	0.54	2.09	2.50	2.4	9.3	11.1	98	3.63	A	1045
	1.5+2.0+2.5+3.5	1.25	1.67	2.09	2.93	---	2.80	7.94	8.78	0.58	2.44	3.02	2.6	10.8	13.4	98	3.25	A	1220
	1.5+2.0+2.5+4.2	1.20	1.61	2.01	3.37	---	2.91	8.19	9.12	0.61	2.63	3.22	2.7	11.7	14.3	98	3.11	B	1315
	1.5+2.0+2.5+5.0	1.16	1.54	1.93	3.85	---	3.02	8.47	9.30	0.61	2.71	3.25	2.7	12.0	14.4	98	3.13	B	1355
	1.5+2.0+2.5+6.0	1.10	1.47	1.84	4.41	---	3.17	8.82	9.81	0.64	2.68	3.38	2.8	11.9	15.0	98	3.29	A	1340
	1.5+2.0+2.5+7.1	1.03	1.37	1.72	4.88	---	3.33	9.00	9.96	0.65	2.81	3.46	2.9	12.5	15.4	98	3.20	A	1405
	1.5+2.0+3.5+3.5	1.19	1.58	2.77	2.77	---	2.95	8.30	9.13	0.61	2.69	3.22	2.7	11.9	14.3	98	3.09	B	1345
	1.5+2.0+3.5+4.2	1.14	1.53	2.67	3.20	---	3.05	8.54	9.32	0.61	2.82	3.36	2.7	12.5	14.9	98	3.03	B	1410
	1.5+2.0+3.5+5.0	1.10	1.47	2.57	3.68	---	3.17	8.82	9.49	0.64	2.90	3.39	2.8	12.9	15.0	98	3.04	B	1450
	1.5+2.0+3.5+6.0	1.04	1.38	2.42	4.15	---	3.32	9.00	9.95	0.64	2.75	3.46	2.8	12.2	15.4	98	3.27	A	1375
	1.5+2.0+3.5+7.1	0.96	1.28	2.23	4.53	---	3.48	9.00	9.97	0.68	2.68	3.46	3.0	11.9	15.4	98	3.36	A	1340
	1.5+2.0+4.2+4.2	1.11	1.48	3.10	3.10	---	3.16	8.79	9.33	0.64	3.02	3.36	2.8	13.4	14.9	98	2.91	C	1510
	1.5+2.0+4.2+5.0	1.06	1.42	2.98	3.54	---	3.27	9.00	9.50	0.68	3.04	3.39	3.0	13.5	15.0	98	2.96	C	1520
	1.5+2.0+4.2+6.0	0.99	1.31	2.76	3.94	---	3.42	9.00	9.96	0.68	2.81	3.46	3.0	12.5	15.4	98	3.20	A	1405
	1.5+2.0+4.2+7.1	0.91	1.22	2.55	4.32	---	3.58	9.00	10.42	0.71	2.75	4.01	3.1	12.2	17.8	98	3.27	A	1375
	1.5+2.0+5.0+5.0	1.00	1.33	3.33	3.33	---	3.39	9.00	9.68	0.68	2.92	3.42	3.0	13.0	15.2	98	3.08	B	1460
	1.5+2.0+5.0+6.0	0.93	1.24	3.10	3.72	---	3.54	9.00	10.14	0.68	2.70	3.49	3.0	12.0	15.5	98	3.33	A	1350
	1.5+2.0+5.0+7.1	0.87	1.15	2.88	4.10	---	3.70	9.00	10.50	0.71	2.70	3.88	3.1	12.0	17.2	98	3.33	A	1350
	1.5+2.0+6.0+6.0	0.87	1.16	3.48	3.48	---	3.69	9.00	10.49	0.71	2.46	3.48	3.1	10.9	15.4	98	3.66	A	1230
	1.5+2.5+2.5+2.5	1.30	2.16	2.16	2.16	---	2.73	7.77	8.53	0.58	2.21	2.69	2.6	9.8	11.9	98	3.52	A	1105
5MXS90E2V3B	1.5+2.5+2.5+3.5	1.22	2.03	2.03	2.84	---	2.88	8.12	9.03	0.58	2.56	3.22	2.6	11.4	14.3	98	3.17	B	1280
	1.5+2.5+2.5+4.2	1.17	1.96	1.96	3.29	---	2.98	8.37	9.13	0.61	2.69	3.22	2.7	11.9	14.3	98	3.11	B	1345
	1.5+2.5+2.5+5.0	1.13	1.88	1.88	3.76	---	3.10	8.65	9.49	0.64	2.84	3.39	2.8	12.6	15.0	98	3.05	B	1420
	1.5+2.5+2.5+6.0	1.08	1.80	1.80	4.32	---	3.24	9.00	9.94	0.64	2.75	3.46	2.8	12.2	15.4	98	3.27	A	1375
	1.5+2.5+2.5+7.1	0.99	1.65	1.65	4.70	---	3.41	9.00	9.96	0.68	2.68	3.46	3.0	11.9	15.4	98	3.36	A	1340
	1.5+2.5+3.5+3.5	1.16	1.93	2.70	2.70	---	3.02	8.47	9.13	0.61	2.75	3.22	2.7	12.2	14.3	98	3.08	B	1375
	1.5+2.5+3.5+4.2	1.12	1.86	2.61	3.13	---	3.13	8.72	9.32	0.64	2.95	3.36	2.8	13.1	14.9	98	2.96	C	1475
	1.5+2.5+3.5+5.0	1.08	1.80	2.52	3.60	---	3.24	9.00	9.49	0.64	3.04	3.39	2.8	13.5	15.0	98	2.96	C	1520
	1.5+2.5+3.5+6.0	1.00	1.67	2.33	4.00	---	3.39	9.00	9.95	0.68	2.75	3.46	3.0	12.2	15.4	98	3.27	A	1375
	1.5+2.5+3.5+7.1	0.92	1.54	2.16	4.38	---	3.55	9.00	9.97	0.71	2.68	3.46	3.1	11.9	15.4	98	3.36	A	1340
	1.5+2.5+4.2+4.2	1.08	1.81	3.03	3.03	---	3.23	8.96	9.33	0.64	3.09	3.36	2.8	13.7	14.9	98	2.90	C	1545
	1.5+2.5+4.2+5.0	1.02	1.70	2.86	3.41	---	3.35	9.00	9.50	0.68	3.04	3.39	3.0	13.5	15.0	98	2.96	C	1520
	1.5+2.5+4.2+6.0	0.95	1.58	2.66	3.80	---	3.49	9.00	9.96	0.68	2.81	3.46	3.0	12.5	15.4	98	3.20	A	1405
	1.5+2.5+4.2+7.1	0.88	1.47	2.47	4.18	---	3.66	9.00	10.47	0.71	2.75	4.09	3.1	12.2	18.1	98	3.27	A	1375
	1.5+2.5+5.0+5.0	0.96	1.60	3.20	3.20	---	3.23	8.96	9.33	0.64	3.09	3.36	2.8	13.7	14.9	98	2.90	C	1545
	1.5+2.5+5.0+6.0	0.90	1.50	3.00	3.60	---	3.35	9.00	9.50	0.68	3.04	3.39	3.0	13.5	15.0	98	2.96	C	1520
	1.5+3.5+3.5+3.5	1.10	2.57	2.57	2.57	---	3.17	8.82	9.32	0.64	3.02	3.36	2.8	13.4	14.9	98	2.92	C	1510
	1.5+3.5+3.5+4.2	1.06	2.48	2.48	2.98	---	3.27	9.00	9.33	0.68	3.15	3.36	3.0	14.0	14.9	98	2.86	C	1575
	1.5+3.5+3.5+5.0	1.00	2.33	2.33	3.33	---	3.39	9.00	9.50	0.68	3.04	3.39	3.0	13.5	15.0	98	2.96	C	1520
	1.5+3.5+3.5+6.0	0.93	2.17	2.17	3.72	---	3.54	9.00	9.96	0.68	2.75	3.46	3.0	12.2	15.4	98	3.27	A	1375
	1.5+3.5+3.5+7.1	0.87	2.02	2.02	4.10	---	3.70	9.00	10.50	0.71	2.75	4.17	3.1	12.2	18.5	98	3.27	A	1375
	1.5+3.5+4.2+4.2	1.01	2.35	2.82	2.82	---	3.38	9.00	9.33	0.68	3.16	3.37	3.0	14.0	15.0	98	2.85	C	1580
	1.5+3.5+4.2+5.0	0.95	2.22	2.66	3.17	---	3.49	9.00	9.51	0.71	3.04	3.39	3.1	13.5	15.0	98	2.96	C	1520
	1.5+3.5+4.2+6.0	0.89	2.07	2.49	3.55	---	3.64	9.00	10.47	0.71	2.82	4.17	3.1	12.5	18.5	98	3.19	B	1410
	1.5+3.5+5.0+5.0	0.90	2.10	3.00	3.00	---	3.61	9.00	10.26	0.71	2.92	4.19	3.1	13.0	18.6	98	3.08	B	1460
	1.5+4.2+4.2+4.2	0.96	2.68	2.68	2.68	---	3.48	9.00	9.34	0.71	3.16	3.37	3.1	14.0	15.0	98	2.85	C	1580
	1.5+4.2+4.2+5.0	0.91	2.54	2.54	3.02	---	3.60	9.00	10.09	0.71	3.04	4.15	3.1	13.5	18.4	98	2.96	C	1520
	2.0+2.0+2.0+2.0	1.86	1.86	1.86	1.86	---	2.58	7.44	7.96	0.54	2.04	2.32	2.4	9.1	10.3	98	3.65	A	1020
	2.0+2.0+2.0+2.5	1.79	1.79	1.79	2.22	---	2.66	7.59	8.25	0.54	2.09	2.50	2.4	9.3	11.1	98	3.63	A	1045
	2.0+2.0+2.0+3.5	1.67	1.67	1.67	2.93	---	2.80	7.94	8.78	0.58	2.32	2.82	2.6	10.3	12.5	98	3.42	A	1160
	2.0+2.0+2.0+4.2	1.61	1.61	1.61	3.36	---	2.91	8.19	9.12	0.61	2.63	3.22	2.7	11.7	14.3	98	3.11	B	1315
	2.0+2.0+2.0+5.0	1.54	1.54	1.54	3.85	---	3.02	8.47	9.30	0.61	2.71	3.25	2.7	12.0	14.4	98	3.13	B	1355
	2.0+2.0+2.0+6.0	1.47	1.47	1.47	4.41	---	3.17	8.82	9.81	0.65	2.68	3.38	2.9	11.9	15.0	98	3.29	A	1340
	2.0+2.0+2.0+7.1	1.37	1.37	1.37	4.89	---	3.33	9.00	9.96	0.65	2.82	3.46	2.9	12.5	15.4	98	3.19	B	1410
	2.0+2.0+2.5+2.5	1.73	1.73	2.16	2.16	---	2.73	7.78	8.53	0.58	2.21	2.69	2.6	9.8	11.9	98	3.52	A	1105
	2.0+2.0+2.5+3.5	1.62	1.62	2.03	2.85	---	2.88	8.12	9.03	0.58	2.56	3.22	2.6	11.4	14.3	98	3.17	B	1280
	2.0+2.0+2.5+4.2	1.56	1.56	1.96	3.29	---	2.98	8.37	9.13	0.61	2.69	3.22	2.7	11.9	14.3	98	3.11	B	1345
	2.0+2.0+2.5+5.0	1.50	1.50	1.88	3.77	---	3.10	8.65	9.49	0.64	2.84	3.39	2.8	12.6	15.0	98	3.05	B	1420
	2.0+2.0+2.5+6.0	1.44	1.44	1.80	4.32	---	3.24	9.00	9.94	0.65	2.81	3.46	2.9	12.5	15.4	98	3.20	A	1405
	2.0+2.0+2.5+7.1	1.32	1.32	1.65	4.71	---	3.41	9.00	9.96	0.68	2.82	3.46	3.0	12.5	15.4	98	3.19	B	1410
	2.0+2.0+3.5+3.5	1.54	1.54	2.70	2.70	---	3.02	8.48	9.13	0.61	2.82	3.22	2.7	12.5	14.3	98	3.01	B	1410
	2.0+2.0+3.5+4.2	1.49	1.49	2.61	3.13	---	3.13	8.72	9.32	0.64	2.95	3.36	2.8	13.1	14.9	98	2.96	C	1475

Notes: 1. Cooling capacity is based on 27°CDB/19°CWB (Indoor temperature). 35°CDB (Outdoor temperature).
Heating capacity is based on 20°CDB (Indoor temperature). 7°CDB/6°CWB (Outdoor temperature).
2. The total ability of connected a indoor unit is up to 14.5kW.
3. It is impossible to connect the indoor unit for one room only.
4. The above is the value for connecting with the following indoor units.
1.5. 2.0. 2.5. 3.5 kW class; wall mounted K series
4.2. 5.0 kW class; wall mounted J series
6.0. 7.1 kW class; wall mounted G series

* This page contains preliminary data

COOLING

OUTDOOR UNIT	INDOOR UNIT	COOLING CAPACITY (kW)					TOTAL CAPACITY (kW)			POWER INPUT COOLING (kW)			TOTAL CURRENT (A)			POWER FACTOR (%)	EER	ENERGY LABEL	AEC (kWh)
		A ROOM	B ROOM	C ROOM	D ROOM	E ROOM	Min.	Nom.	Max.	Min.	Nom.	Max.	Min.	Nom.	Max.				
	2.0+2.0+3.5+5.0	1.44	1.44	2.52	3.60	---	3.24	9.00	9.49	0.64	3.04	3.39	2.8	13.5	15.0	98	2.96	C	1520
	2.0+2.0+3.5+6.0	1.33	1.33	2.34	4.00	---	3.39	9.00	9.95	0.68	2.75	3.46	3.0	12.2	15.4	98	3.27	A	1375
	2.0+2.0+3.5+7.1	1.23	1.23	2.16	4.38	---	3.55	9.00	9.97	0.71	2.68	3.46	3.1	11.9	15.4	98	3.36	A	1340
	2.0+2.0+4.2+4.2	1.45	1.45	3.03	3.03	---	3.23	8.96	9.33	0.64	3.09	3.36	2.8	13.7	14.9	98	2.90	C	1545
	2.0+2.0+4.2+5.0	1.36	1.36	2.87	3.41	---	3.35	9.00	9.50	0.68	3.04	3.39	3.0	13.5	15.0	98	2.96	C	1520
	2.0+2.0+4.2+6.0	1.27	1.27	2.66	3.80	---	3.49	9.00	9.96	0.68	2.81	3.46	3.0	12.5	15.4	98	3.20	A	1405
	2.0+2.0+4.2+7.1	1.18	1.18	2.47	4.17	---	3.66	9.00	10.47	0.71	2.75	4.01	3.1	12.2	17.8	98	3.27	A	1375
	2.0+2.0+5.0+5.0	1.29	1.29	3.21	3.21	---	3.46	9.00	9.68	0.68	2.92	3.42	3.0	13.0	15.2	98	3.08	B	1460
	2.0+2.0+5.0+6.0	1.20	1.20	3.00	3.60	---	3.61	9.00	10.45	0.71	2.70	3.88	3.1	12.0	17.2	98	3.33	A	1350
	2.0+2.5+2.5+2.5	1.67	2.09	2.09	2.09	---	2.80	7.94	8.78	0.58	2.32	2.82	2.6	10.3	12.5	98	3.42	A	1160
	2.0+2.5+2.5+3.5	1.57	1.98	1.98	2.77	---	2.95	8.30	9.12	0.61	2.69	3.22	2.7	11.9	14.3	98	3.09	B	1345
	2.0+2.5+2.5+4.2	1.53	1.91	1.91	3.19	---	3.05	8.54	9.31	0.61	2.82	3.36	2.7	12.5	14.9	98	3.03	B	1410
	2.0+2.5+2.5+5.0	1.46	1.84	1.84	3.68	---	3.17	8.82	9.49	0.64	2.90	3.39	2.8	12.9	15.0	98	3.04	B	1450
	2.0+2.5+2.5+6.0	1.39	1.73	1.73	4.15	---	3.32	9.00	9.94	0.65	2.75	3.46	2.9	12.2	15.4	98	3.27	A	1375
	2.0+2.5+2.5+7.1	1.27	1.60	1.60	4.53	---	3.48	9.00	9.96	0.68	2.68	3.46	3.0	11.9	15.4	98	3.36	A	1340
	2.0+2.5+3.5+3.5	1.50	1.89	2.63	2.63	---	3.10	8.65	9.31	0.64	2.88	3.36	2.8	12.8	14.9	98	3.00	B	1440
	2.0+2.5+3.5+4.2	1.46	1.82	2.55	3.06	---	3.20	8.89	9.32	0.64	3.08	3.36	2.8	13.7	14.9	98	2.89	C	1540
	2.0+2.5+3.5+5.0	1.39	1.73	2.42	3.46	---	3.32	9.00	9.49	0.68	3.04	3.39	3.0	13.5	15.0	98	2.96	C	1520
	2.0+2.5+3.5+6.0	1.28	1.61	2.25	3.86	---	3.46	9.00	9.95	0.68	2.75	3.46	3.0	12.2	15.4	98	3.27	A	1375
	2.0+2.5+3.5+7.1	1.19	1.49	2.09	4.23	---	3.63	9.00	10.42	0.71	2.68	4.01	3.1	11.9	17.8	98	3.36	A	1340
	2.0+2.5+4.2+4.2	1.40	1.74	2.93	2.93	---	3.30	9.00	9.33	0.68	3.15	3.36	3.0	14.0	14.9	98	2.86	C	1575
	2.0+2.5+4.2+5.0	1.32	1.64	2.76	3.28	---	3.42	9.00	9.50	0.68	3.04	3.39	3.0	13.5	15.0	98	2.96	C	1520
	2.0+2.5+4.2+6.0	1.23	1.53	2.57	3.67	---	3.57	9.00	10.41	0.71	2.81	4.00	3.1	12.5	17.7	98	3.20	A	1405
	2.0+2.5+5.0+5.0	1.25	1.55	3.10	3.10	---	3.54	9.00	9.68	0.71	2.92	3.42	3.1	13.0	15.2	98	3.08	B	1460
	2.0+2.5+5.0+6.0	1.17	1.45	2.90	3.48	---	3.69	9.00	10.49	0.71	2.70	3.96	3.1	12.0	17.6	98	3.33	A	1350
	2.0+3.5+3.5+3.5	1.44	2.52	2.52	2.52	---	3.24	9.00	9.32	0.68	3.15	3.36	3.0	14.0	14.9	98	2.86	C	1575
	2.0+3.5+3.5+4.2	1.36	2.39	2.39	2.86	---	3.35	9.00	9.33	0.68	3.15	3.36	3.0	14.0	14.9	98	2.86	C	1575
	2.0+3.5+3.5+5.0	1.29	2.25	2.25	3.21	---	3.46	9.00	9.50	0.71	3.04	3.39	3.1	13.5	15.0	98	2.96	C	1520
	2.0+3.5+3.5+6.0	1.20	2.10	2.10	3.60	---	3.61	9.00	10.40	0.71	2.75	4.01	3.1	12.2	17.8	98	3.27	A	1375
	2.0+3.5+4.2+4.2	1.29	2.27	2.72	2.72	---	3.45	9.00	9.33	0.71	3.16	3.37	3.1	14.0	15.0	98	2.85	C	1580
	2.0+3.5+4.2+5.0	1.23	2.14	2.57	3.06	---	3.57	9.00	10.00	0.71	3.04	3.99	3.1	13.5	17.7	98	2.96	C	1520
	2.0+3.5+5.0+5.0	1.17	2.03	2.90	2.90	---	3.69	9.00	10.26	0.75	2.92	4.19	3.3	13.0	18.6	98	3.08	B	1460
	2.0+4.2+4.2+4.2	1.23	2.59	2.59	2.59	---	3.55	9.00	9.34	0.71	3.16	3.37	3.1	14.0	15.0	98	2.85	C	1580
	2.0+4.2+4.2+5.0	1.18	2.45	2.45	2.92	---	3.67	9.00	10.01	0.75	3.04	3.99	3.3	13.5	17.7	98	2.96	C	1520
	2.5+2.5+2.5+2.5	2.03	2.03	2.03	2.03	---	2.88	8.12	9.03	0.58	2.56	3.22	2.6	11.4	14.3	98	3.17	B	1280
	2.5+2.5+2.5+3.5	1.93	1.93	1.93	2.68	---	3.02	8.47	9.12	0.61	2.82	3.22	2.7	12.5	14.3	98	3.00	B	1410
	2.5+2.5+2.5+4.2	1.87	1.86	1.86	3.13	---	3.13	8.72	9.31	0.64	2.95	3.36	2.8	13.1	14.9	98	2.96	C	1475
	2.5+2.5+2.5+5.0	1.80	1.80	1.80	3.60	---	3.24	9.00	9.49	0.64	3.04	3.39	2.8	13.5	15.0	98	2.96	C	1520
	2.5+2.5+2.5+6.0	1.67	1.67	1.67	3.99	---	3.39	9.00	9.94	0.68	2.75	3.46	3.0	12.2	15.4	98	3.27	A	1375
	2.5+2.5+2.5+7.1	1.54	1.54	1.54	4.38	---	3.55	9.00	9.96	0.71	2.68	3.46	3.1	11.9	15.4	98	3.36	A	1340
	2.5+2.5+3.5+3.5	1.84	1.84	2.57	2.57	---	3.17	8.82	9.31	0.64	3.02	3.36	2.8	13.4	14.9	98	2.92	C	1510
5MXS90E2V3B	2.5+2.5+3.5+4.2	1.77	1.77	2.48	2.98	---	3.27	9.00	9.32	0.68	3.15	3.36	3.0	14.0	14.9	98	2.86	C	1575
	2.5+2.5+3.5+5.0	1.67	1.67	2.33	3.33	---	3.39	9.00	9.49	0.68	3.04	3.39	3.0	13.5	15.0	98	2.96	C	1520
	2.5+2.5+3.5+6.0	1.55	1.55	2.18	3.72	---	3.54	9.00	9.95	0.71	2.75	3.46	3.1	12.2	15.4	98	3.27	A	1375
	2.5+2.5+3.5+7.1	1.44	1.44	2.02	4.10	---	3.70	9.00	10.42	0.71	2.68	4.01	3.1	11.9	17.8	98	3.36	A	1340
	2.5+2.5+4.2+4.2	1.68	1.68	2.82	2.82	---	3.38	9.00	9.33	0.68	3.15	3.36	3.0	14.0	14.9	98	2.86	C	1575
	2.5+2.5+4.2+5.0	1.58	1.58	2.67	3.17	---	3.49	9.00	9.50	0.71	3.04	3.39	3.1	13.5	15.0	98	2.96	C	1520
	2.5+2.5+4.2+6.0	1.48	1.48	2.49	3.55	---	3.64	9.00	10.47	0.71	2.81	4.00	3.1	12.5	17.7	98	3.20	A	1405
	2.5+2.5+5.0+5.0	1.50	1.50	3.00	3.00	---	3.61	9.00	10.25	0.71	2.92	4.18	3.1	13.0	18.5	98	3.08	B	1460
	2.5+3.5+3.5+3.5	1.74	2.42	2.42	2.42	---	3.32	9.00	9.34	0.68	3.15	3.36	3.0	14.0	14.9	98	2.86	C	1575
	2.5+3.5+3.5+4.2	1.64	2.30	2.30	2.76	---	3.42	9.00	9.33	0.71	3.15	3.36	3.1	14.0	14.9	98	2.86	C	1575
	2.5+3.5+3.5+5.0	1.56	2.17	2.17	3.10	---	3.54	9.00	9.50	0.71	3.04	3.39	3.1	13.5	15.0	98	2.96	C	1520
	2.5+3.5+3.5+6.0	1.46	2.03	2.03	3.48	---	3.69	9.00	10.40	0.71	2.75	4.01	3.1	12.2	17.8	98	3.27	A	1375
	2.5+3.5+4.2+4.2	1.56	2.18	2.63	2.63	---	3.52	9.00	9.33	0.71	3.16	3.37	3.1	14.0	15.0	98	2.85	C	1580
	2.5+3.5+4.2+5.0	1.48	2.07	2.49	2.96	---	3.64	9.00	10.00	0.75	3.04	3.99	3.3	13.5	17.7	98	2.96	C	1520
	2.5+4.2+4.2+4.2	1.50	2.50	2.50	2.50	---	3.63	9.00	9.83	0.75	3.16	3.95	3.3	14.0	17.5	98	2.85	C	1580
	3.5+3.5+3.5+3.5	2.25	2.25	2.25	2.25	---	3.46	9.00	9.32	0.71	3.15	3.36	3.1	14.0	14.9	98	2.86	C	1575
	3.5+3.5+3.5+4.2	2.14	2.14	2.14	2.58	---	3.57	9.00	9.82	0.75	3.16	3.95	3.3	14.0	17.5	98	2.85	C	1580
	3.5+3.5+3.5+5.0	2.03	2.03	2.03	2.91	---	3.69	9.00	9.95	0.75	3.04	3.91	3.3	13.5	17.3	98	2.96	C	1520
	3.5+3.5+4.2+4.2	2.05	2.05	2.45	2.45	---	3.67	9.00	9.83	0.75	3.16	3.95	3.3	14.0	17.5	98	2.85	C	1580
	1.5+1.5+1.5+1.5+1.5	1.45	1.45	1.45	1.45	1.45	2.51	7.24	7.64	0.52	1.79	2.01	2.3	7.9	8.9	98	4.04	A	895
	1.5+1.5+1.5+1.5+2.0	1.39	1.39	1.39	1.39	1.86	2.58	7.42	7.96	0.52	1.90	2.18	2.3	8.4	9.7	98	3.91	A	950
	1.5+1.5+1.5+1.5+2.5	1.34	1.34	1.34	1.34	2.23	2.66	7.59	8.25	0.55	2.01	2.36	2.4	8.9	10.5	98	3.78	A	1005
	1.5+1.5+1.5+1.5+3.5	1.25	1.25	1.25	1.25	2.93	2.80	7.94	8.78	0.58	2.18	2.68	2.6	9.7	11.9	98	3.64	A	1090
	1.5+1.5+1.5+1.5+4.2	1.20	1.20	1.20	1.20	3.37	2.91	8.19	9.12	0.58	2.30	2.88	2.6	10.2	12.8	98	3.56	A	1150
	1.5+1.5+1.5+1.5+5.0	1.16	1.16	1.16	1.16	3.85	3.02	8.47	9.45	0.61	2.37	2.97	2.7	10.5	13.2	98	3.57	A	1185
	1.5+1.5+1.5+1.5+6.0	1.10	1.10	1.10	1.10	4.41	3.17	8.82	9.81	0.62	2.40	3.02	2.8	10.6	13.4	98	3.68	A	1200
	1.5+1.5+1.5+1.5+7.1	1.03	1.03	1.03	1.03	4.88	3.33	9.00	10.12	0.65	2.47	3.17	2.9	11.0	14.1	98	3.64	A	1235
	1.5+1.5+1.5+2.0+2.0	1.34	1.34	1.34	1.79	1.79	2.66	7.59	8.25	0.55	2.01	2.36	2.4	8.9	10.5	98	3.78	A	1005
	1.5+1.5+1.5+2.0+2.5	1.30	1.30	1.30	1.73	2.16	2.73	7.77	8.53	0.55	2.06	2.49	2.4	9.1	11.0	98	3.77	A	1030
	1.5+1.5+1.5+2.0+3.5	1.22	1.22	1.22	1.62	2.84	2.88	8.12	9.03	0.58	2.24	2.81	2.6	9.9	12.5	98	3.63	A	1120
	1.5+1.5+1.5+2.0+4.2	1.17	1.17	1.17	1.56	3.29	2.98	8.37	9.33	0.58	2.42	3.02	2.6	10.7	13.4	98	3.46	A	1210
	1.5+1.5+1.5+2.0+5.0	1.13	1.13	1.13	1.50	3.76	3.10	8.65	9.64	0.61	2.50	3.12	2.7	11.1	13.8	98	3.46	A	1250
	1.5+1.5+1.5+2.0+6.0	1.08	1.08	1.08	1.44	4.32	3.24	9.00	9.96	0.62	2.46	3.09	2.8	10.9	13.7	98	3.66	A	1230
	1.5+1.5+1.5+2.0+7.1	0.99	0.99	0.99	1.32	4.70	3.41	9.00	10.23	0.65	2.47	3.33	2.9	11.0	14.8	98	3.64	A	1235
	1.5+1.5+1.5+2.5+2.5	1.25	1.25	1.25	2.09	2.09	2.80	7.94	8.78	0.58	2.18	2.68	2.6	9.7	11.9	98	3.64	A	1090
	1.5+1.5+1.5+2.5+3.5	1.19	1.19	1.19	1.98	2.77	2.95	8.30	9.25	0.58	2.36	2.95	2.6	10.5	13.1	98	3.52	A	1180
	1.5+1.5+1.5+2.5+4.2	1.14	1.14	1.14	1.91	3.20	3.05	8.54	9.53	0.61	2.49	3.17	2.7	11.0	14.1	98	3.43	A	1245
	1.5+1.5+1.5+2.5+5.0	1.10	1.10	1.10	1.84	3.68	3.17	8.82	9.81	0.61	2.56	3.26	2.7	11.4	14.5	98	3.45	A	1280
	1.5+1.5+1.5+2.5+6.0	1.04	1.04	1.04	1.73	4.15	3.32	9.00	10.09	0.65	2.46	3.17	2.9	10.9	14.1	98	3.66	A	1230
	1.5+1.5+1.5+2.5+7.1	0.96	0.96	0.96	1.60	4.53	3.48	9.00	10.32	0.65	2.47	3.33	2.9	11.0	14.8	98	3.64	A	1235
	1.5+1.5+1.5+3.5+3.5	1.13	1.13	1.13	2.63	2.63	3.10	8.65	9.64	0.61	2.55	3.24	2.7	11.3	14.4	98	3.39	A	1275
	1.5+1.5+1.5+3.5+4.2	1.09	1.09	1.09	2.55	3.06	3.20	8.89	9.87	0.65	2.68	3.39	2.9	11.9	15.0	98	3.32	A	1340

Notes: 1. Cooling capacity is based on 27°CDB/19°CWB (Indoor temperature). 35°CDB (Outdoor temperature).
Heating capacity is based on 20°CDB (Indoor temperature). 7°CDB/6°CWB (Outdoor temperature).
2. The total ability of connected a indoor unit is up to 14.5kW.
3. It is impossible to connect the indoor unit for one room only.
4. The above is the value for connecting with the following indoor units.
1.5. 2.0. 2.5. 3.5 kW class; wall mounted K series
4.2. 5.0 kW class; wall mounted J series
6.0. 7.1 kW class; wall mounted G series

* This page contains preliminary data

COOLING

OUTDOOR UNIT	INDOOR UNIT	COOLING CAPACITY (kW)					TOTAL CAPACITY (kW)			POWER INPUT COOLING (kW)			TOTAL CURRENT (A)			POWER FACTOR (%)	EER	ENERGY LABEL	AEC (kWh)
		A ROOM	B ROOM	C ROOM	D ROOM	E ROOM	Min.	Nom.	Max.	Min.	Nom.	Max.	Min.	Nom.	Max.				
	1.5+1.5+1.5+3.5+5.0	1.04	1.04	1.04	2.42	3.46	3.32	9.00	10.09	0.65	2.70	3.49	2.9	12.0	15.5	98	3.33	A	1350
	1.5+1.5+1.5+3.5+6.0	0.96	0.96	0.96	2.25	3.86	3.46	9.00	10.31	0.65	2.46	3.32	2.9	10.9	14.7	98	3.66	A	1230
	1.5+1.5+1.5+3.5+7.1	0.89	0.89	0.89	2.09	4.23	3.63	9.00	10.46	0.68	2.47	3.48	3.0	11.0	15.4	98	3.64	A	1235
	1.5+1.5+1.5+4.2+4.2	1.05	1.05	1.05	2.93	2.93	3.30	9.00	9.99	0.65	2.75	3.47	2.9	12.2	15.4	98	3.27	A	1375
	1.5+1.5+1.5+4.2+5.0	0.99	0.99	0.99	2.76	3.28	3.42	9.00	10.16	0.68	2.70	3.49	3.0	12.0	15.5	98	3.33	A	1350
	1.5+1.5+1.5+4.2+6.0	0.92	0.92	0.92	2.57	3.67	3.57	9.00	10.41	0.68	2.47	3.40	3.0	11.0	15.1	98	3.64	A	1235
	1.5+1.5+1.5+5.0+5.0	0.93	0.93	0.93	3.10	3.10	3.54	9.00	10.34	0.68	2.58	3.52	3.0	11.4	15.6	98	3.49	A	1290
	1.5+1.5+1.5+5.0+6.0	0.87	0.87	0.87	2.90	3.48	3.69	9.00	10.49	0.68	2.41	3.35	3.0	10.7	14.9	98	3.73	A	1205
	1.5+1.5+2.0+2.0+2.0	1.30	1.30	1.73	1.73	1.73	2.73	7.77	8.53	0.55	2.06	2.49	2.4	9.1	11.0	98	3.77	A	1030
	1.5+1.5+2.0+2.0+2.5	1.25	1.25	1.67	1.67	2.09	2.80	7.94	8.78	0.58	2.18	2.68	2.6	9.7	11.9	98	3.64	A	1090
	1.5+1.5+2.0+2.0+3.5	1.19	1.19	1.58	1.58	2.77	2.95	8.30	9.25	0.58	2.36	2.95	2.6	10.5	13.1	98	3.52	A	1180
	1.5+1.5+2.0+2.0+4.2	1.14	1.14	1.53	1.53	3.20	3.05	8.54	9.53	0.61	2.49	3.17	2.7	11.0	14.1	98	3.43	A	1245
	1.5+1.5+2.0+2.0+5.0	1.10	1.10	1.47	1.47	3.68	3.17	8.82	9.81	0.61	2.56	3.26	2.7	11.4	14.5	98	3.45	A	1280
	1.5+1.5+2.0+2.0+6.0	1.04	1.04	1.38	1.38	4.15	3.32	9.00	10.09	0.65	2.46	3.17	2.9	10.9	14.1	98	3.66	A	1230
	1.5+1.5+2.0+2.0+7.1	0.96	0.96	1.28	1.28	4.53	3.48	9.00	10.32	0.65	2.47	3.33	2.9	11.0	14.8	98	3.64	A	1235
	1.5+1.5+2.0+2.5+2.5	1.22	1.22	1.62	2.03	2.03	2.88	8.12	9.03	0.58	2.24	2.81	2.6	9.9	12.5	98	3.63	A	1120
	1.5+1.5+2.0+2.5+3.5	1.16	1.16	1.54	1.93	2.70	3.02	8.47	9.45	0.61	2.49	3.09	2.7	11.0	13.7	98	3.40	A	1245
	1.5+1.5+2.0+2.5+4.2	1.12	1.12	1.49	1.86	3.13	3.13	8.72	9.71	0.61	2.62	3.31	2.7	11.6	14.7	98	3.33	A	1310
	1.5+1.5+2.0+2.5+5.0	1.08	1.08	1.44	1.80	3.60	3.24	9.00	9.96	0.65	2.70	3.41	2.9	12.0	15.1	98	3.33	A	1350
	1.5+1.5+2.0+2.5+6.0	1.00	1.00	1.33	1.67	4.00	3.39	9.00	10.21	0.65	2.46	3.32	2.9	10.9	14.7	98	3.66	A	1230
	1.5+1.5+2.0+2.5+7.1	0.92	0.92	1.23	1.54	4.38	3.55	9.00	10.40	0.68	2.47	3.40	3.0	11.0	15.1	98	3.64	A	1235
	1.5+1.5+2.0+3.5+3.5	1.10	1.10	1.47	2.57	2.57	3.17	8.82	9.81	0.61	2.68	3.39	2.7	11.9	15.0	98	3.29	A	1340
	1.5+1.5+2.0+3.5+4.2	1.06	1.06	1.42	2.48	2.98	3.27	9.00	9.98	0.65	2.75	3.46	2.9	12.2	15.4	98	3.27	A	1375
	1.5+1.5+2.0+3.5+5.0	1.00	1.00	1.33	2.33	3.33	3.39	9.00	10.16	0.65	2.70	3.49	2.9	12.0	15.5	98	3.33	A	1350
	1.5+1.5+2.0+3.5+6.0	0.93	0.93	1.24	2.17	3.72	3.54	9.00	10.38	0.68	2.46	3.40	3.0	10.9	15.1	98	3.66	A	1230
	1.5+1.5+2.0+3.5+7.1	0.87	0.87	1.15	2.02	4.10	3.70	9.00	10.50	0.71	2.47	3.48	3.1	11.0	15.4	98	3.64	A	1235
	1.5+1.5+2.0+4.2+4.2	1.01	1.01	1.34	2.82	2.82	3.38	9.00	9.99	0.68	2.75	3.47	3.0	12.2	15.4	98	3.27	A	1375
	1.5+1.5+2.0+4.2+5.0	0.95	0.95	1.27	2.66	3.17	3.49	9.00	10.16	0.68	2.70	3.49	3.0	12.0	15.5	98	3.33	A	1350
	1.5+1.5+2.0+4.2+6.0	0.89	0.89	1.18	2.49	3.55	3.64	9.00	10.47	0.68	2.47	3.48	3.0	11.0	15.4	98	3.64	A	1235
	1.5+1.5+2.0+5.0+5.0	0.90	0.90	1.20	3.00	3.00	3.61	9.00	10.45	0.68	2.58	3.68	3.0	11.4	16.3	98	3.49	A	1290
	1.5+1.5+2.5+2.5+2.5	1.19	1.19	1.98	1.98	1.98	2.95	8.30	9.25	0.58	2.36	2.95	2.6	10.5	13.1	98	3.52	A	1180
	1.5+1.5+2.5+2.5+3.5	1.13	1.13	1.88	1.88	2.63	3.10	8.65	9.64	0.61	2.55	3.24	2.7	11.3	14.4	98	3.39	A	1275
	1.5+1.5+2.5+2.5+4.2	1.09	1.09	1.82	1.82	3.06	3.20	8.89	9.87	0.65	2.68	3.39	2.9	11.9	15.0	98	3.32	A	1340
	1.5+1.5+2.5+2.5+5.0	1.04	1.04	1.73	1.73	3.46	3.32	9.00	10.09	0.65	2.70	3.49	2.9	12.0	15.5	98	3.33	A	1350
	1.5+1.5+2.5+2.5+6.0	0.96	0.96	1.61	1.61	3.86	3.46	9.00	10.31	0.65	2.46	3.40	2.9	10.9	15.1	98	3.66	A	1230
	1.5+1.5+2.5+2.5+7.1	0.89	0.89	1.49	1.49	4.23	3.63	9.00	10.46	0.68	2.47	3.48	3.0	11.0	15.4	98	3.64	A	1235
	1.5+1.5+2.5+3.5+3.5	1.08	1.08	1.80	2.52	2.52	3.24	9.00	9.96	0.65	2.82	3.46	2.9	12.5	15.4	98	3.19	B	1410
	1.5+1.5+2.5+3.5+4.2	1.02	1.02	1.70	2.39	2.86	3.35	9.00	9.98	0.65	2.75	3.46	2.9	12.2	15.4	98	3.27	A	1375
	1.5+1.5+2.5+3.5+5.0	0.96	0.96	1.61	2.25	3.21	3.46	9.00	10.16	0.68	2.70	3.49	3.0	12.0	15.5	98	3.33	A	1350
	1.5+1.5+2.5+3.5+6.0	0.90	0.90	1.50	2.10	3.60	3.61	9.00	10.45	0.68	2.46	3.48	3.0	10.9	15.4	98	3.66	A	1230
	1.5+1.5+2.5+4.2+4.2	0.97	0.97	1.62	2.72	2.72	3.45	9.00	9.99	0.68	2.75	3.47	3.0	12.2	15.4	98	3.27	A	1375
5MXS90E2V3B	1.5+1.5+2.5+4.2+5.0	0.92	0.92	1.53	2.57	3.06	3.57	9.00	10.41	0.68	2.70	3.81	3.0	12.0	16.9	98	3.33	A	1350
	1.5+1.5+2.5+5.0+5.0	0.87	0.87	1.45	2.90	2.90	3.69	9.00	10.49	0.71	2.58	3.68	3.1	11.4	16.3	98	3.49	A	1290
	1.5+1.5+3.5+3.5+3.5	1.00	1.00	2.33	2.33	2.33	3.39	9.00	9.98	0.68	2.82	3.46	3.0	12.5	15.4	98	3.19	B	1410
	1.5+1.5+3.5+3.5+4.2	0.95	0.95	2.22	2.22	2.66	3.49	9.00	9.99	0.68	2.75	3.47	3.0	12.2	15.4	98	3.27	A	1375
	1.5+1.5+3.5+3.5+5.0	0.90	0.90	2.10	2.10	3.00	3.61	9.00	10.45	0.71	2.70	3.80	3.1	12.0	16.9	98	3.33	A	1350
	1.5+1.5+3.5+4.2+4.2	0.91	0.91	2.11	2.54	2.54	3.60	9.00	10.44	0.71	2.75	4.01	3.1	12.2	17.8	98	3.27	A	1375
	1.5+2.0+2.0+2.0+2.0	1.25	1.67	1.67	1.67	1.67	2.80	7.94	8.78	0.58	2.18	2.68	2.6	9.7	11.9	98	3.64	A	1090
	1.5+2.0+2.0+2.0+2.5	1.22	1.62	1.62	1.62	2.03	2.88	8.12	9.03	0.58	2.24	2.81	2.6	9.9	12.5	98	3.63	A	1120
	1.5+2.0+2.0+2.0+3.5	1.16	1.54	1.54	1.54	2.70	3.02	8.47	9.45	0.61	2.49	3.09	2.7	11.0	13.7	98	3.40	A	1245
	1.5+2.0+2.0+2.0+4.2	1.12	1.49	1.49	1.49	3.13	3.13	8.72	9.71	0.61	2.62	3.31	2.7	11.6	14.7	98	3.33	A	1310
	1.5+2.0+2.0+2.0+5.0	1.08	1.44	1.44	1.44	3.60	3.24	9.00	9.96	0.65	2.70	3.41	2.9	12.0	15.1	98	3.33	A	1350
	1.5+2.0+2.0+2.0+6.0	1.00	1.33	1.33	1.33	4.00	3.39	9.00	10.21	0.65	2.46	3.32	2.9	10.9	14.7	98	3.66	A	1230
	1.5+2.0+2.0+2.0+7.1	0.92	1.23	1.23	1.23	4.38	3.55	9.00	10.40	0.68	2.47	3.40	3.0	11.0	15.1	98	3.64	A	1235
	1.5+2.0+2.0+2.5+2.5	1.19	1.58	1.58	1.98	1.98	2.95	8.30	9.25	0.58	2.36	2.95	2.6	10.5	13.1	98	3.52	A	1180
	1.5+2.0+2.0+2.5+3.5	1.13	1.50	1.50	1.88	2.63	3.10	8.65	9.64	0.61	2.55	3.24	2.7	11.3	14.4	98	3.39	A	1275
	1.5+2.0+2.0+2.5+4.2	1.09	1.46	1.46	1.82	3.06	3.20	8.89	9.87	0.65	2.68	3.39	2.9	11.9	15.0	98	3.32	A	1340
	1.5+2.0+2.0+2.5+5.0	1.04	1.38	1.38	1.73	3.46	3.32	9.00	10.09	0.65	2.70	3.49	2.9	12.0	15.5	98	3.33	A	1350
	1.5+2.0+2.0+2.5+6.0	0.96	1.29	1.29	1.61	3.86	3.46	9.00	10.31	0.65	2.46	3.40	2.9	10.9	15.1	98	3.66	A	1230
	1.5+2.0+2.0+2.5+7.1	0.89	1.19	1.19	1.49	4.23	3.63	9.00	10.46	0.68	2.47	3.48	3.0	11.0	15.4	98	3.64	A	1235
	1.5+2.0+2.0+3.5+3.5	1.08	1.44	1.44	2.52	2.52	3.24	9.00	9.96	0.65	2.82	3.46	2.9	12.5	15.4	98	3.19	B	1410
	1.5+2.0+2.0+3.5+4.2	1.02	1.36	1.36	2.39	2.86	3.35	9.00	9.98	0.65	2.75	3.46	2.9	12.2	15.4	98	3.27	A	1375
	1.5+2.0+2.0+3.5+5.0	0.96	1.29	1.29	2.25	3.21	3.46	9.00	10.16	0.68	2.70	3.49	3.0	12.0	15.5	98	3.33	A	1350
	1.5+2.0+2.0+3.5+6.0	0.90	1.20	1.20	2.10	3.60	3.61	9.00	10.45	0.68	2.46	3.48	3.0	10.9	15.4	98	3.66	A	1230
	1.5+2.0+2.0+4.2+4.2	0.97	1.29	1.29	2.72	2.72	3.45	9.00	9.99	0.68	2.75	3.47	3.0	12.2	15.4	98	3.27	A	1375
	1.5+2.0+2.0+4.2+5.0	0.92	1.22	1.22	2.57	3.06	3.57	9.00	10.41	0.68	2.70	3.81	3.0	12.0	16.9	98	3.33	A	1350
	1.5+2.0+2.0+5.0+5.0	0.87	1.16	1.16	2.90	2.90	3.69	9.00	10.49	0.71	2.58	3.68	3.1	11.4	16.3	98	3.49	A	1290
	1.5+2.0+2.5+2.5+2.5	1.16	1.54	1.93	1.93	1.93	3.02	8.47	9.45	0.61	2.49	3.09	2.7	11.0	13.7	98	3.40	A	1245
	1.5+2.0+2.5+2.5+3.5	1.10	1.47	1.84	1.84	2.57	3.17	8.82	9.81	0.61	2.68	3.39	2.7	11.9	15.0	98	3.29	A	1340
	1.5+2.0+2.5+2.5+4.2	1.06	1.42	1.77	1.77	2.98	3.27	9.00	9.97	0.65	2.82	3.46	2.9	12.5	15.4	98	3.19	B	1410
	1.5+2.0+2.5+2.5+5.0	1.00	1.33	1.67	1.67	3.33	3.39	9.00	10.15	0.65	2.70	3.49	2.9	12.0	15.5	98	3.33	A	1350
	1.5+2.0+2.5+2.5+6.0	0.93	1.24	1.55	1.55	3.72	3.54	9.00	10.38	0.68	2.46	3.40	3.0	10.9	15.1	98	3.66	A	1230
	1.5+2.0+2.5+2.5+7.1	0.87	1.15	1.44	1.44	4.10	3.70	9.00	10.50	0.71	2.47	3.48	3.1	11.0	15.4	98	3.64	A	1235
	1.5+2.0+2.5+3.5+3.5	1.04	1.38	1.73	2.42	2.42	3.32	9.00	9.97	0.65	2.82	3.46	2.9	12.5	15.4	98	3.19	B	1410
	1.5+2.0+2.5+3.5+4.2	0.99	1.31	1.64	2.30	2.76	3.42	9.00	9.98	0.68	2.75	3.46	3.0	12.2	15.4	98	3.27	A	1375
	1.5+2.0+2.5+3.5+5.0	0.93	1.24	1.55	2.17	3.10	3.54	9.00	10.16	0.68	2.70	3.49	3.0	12.0	15.5	98	3.33	A	1350
	1.5+2.0+2.5+3.5+6.0	0.87	1.16	1.45	2.03	3.48	3.69	9.00	10.49	0.71	2.46	3.48	3.1	10.9	15.4	98	3.66	A	1230
	1.5+2.0+2.5+4.2+4.2	0.94	1.25	1.56	2.63	2.63	3.52	9.00	9.99	0.68	2.75	3.47	3.0	12.2	15.4	98	3.27	A	1375
	1.5+2.0+2.5+4.2+5.0	0.89	1.18	1.48	2.49	2.96	3.64	9.00	10.47	0.71	2.70	3.89	3.1	12.0	17.3	98	3.33	A	1350
	1.5+2.0+3.5+3.5+3.5	0.96	1.29	2.25	2.25	2.25	3.46	9.00	9.98	0.68	2.82	3.46	3.0	12.5	15.4	98	3.19	B	1410
	1.5+2.0+3.5+3.5+4.2	0.92	1.22	2.14	2.14	2.57	3.57	9.00	10.41	0.71	2.75	4.01	3.1	12.2	17.8	98	3.27	A	1375
	1.5+2.0+3.5+3.5+5.0	0.87	1.16	2.03	2.03	2.90	3.69	9.00	10.49	0.71	2.70	3.88	3.1	12.0	17.2	98	3.33	A	1350
	1.5+2.0+3.5+4.2+4.2	0.88	1.17	2.05	2.45	2.45	3.67	9.00	10.48	0.71	2.75	4.09	3.1	12.2	18.1	98	3.27	A	1375

Notes: 1. Cooling capacity is based on 27°CDB/19°CWB (Indoor temperature). 35°CDB (Outdoor temperature).
Heating capacity is based on 20°CDB (Indoor temperature). 7°CDB/6°CWB (Outdoor temperature).
2. The total ability of connected a indoor unit is up to 14.5kW.
3. It is impossible to connect the indoor unit for one room only.
4. The above is the value for connecting with the following indoor units.
1.5. 2.0. 2.5. 3.5 kW class; wall mounted K series
4.2. 5.0 kW class; wall mounted J series
6.0. 7.1 kW class; wall mounted G series

* This page contains preliminary data

COOLING

OUTDOOR UNIT	INDOOR UNIT	COOLING CAPACITY (kW)					TOTAL CAPACITY (kW)			POWER INPUT COOLING (kW)			TOTAL CURRENT (A)			POWER FACTOR (%)	EER	ENERGY LABEL	AEC (kWh)
		A ROOM	B ROOM	C ROOM	D ROOM	E ROOM	Min.	Nom.	Max.	Min.	Nom.	Max.	Min.	Nom.	Max.				
5MXS90E2V3B	1.5+2.5+2.5+2.5	1.13	1.88	1.88	1.88	1.88	3.10	8.65	9.64	0.61	2.55	3.24	2.7	11.3	14.4	98	3.39	A	1275
	1.5+2.5+2.5+3.5	1.08	1.80	1.80	1.80	2.52	3.24	9.00	9.96	0.65	2.81	3.46	2.9	12.5	15.4	98	3.20	A	1405
	1.5+2.5+2.5+4.2	1.02	1.70	1.70	1.70	2.86	3.35	9.00	9.97	0.65	2.82	3.46	2.9	12.5	15.4	98	3.19	B	1410
	1.5+2.5+2.5+5.0	0.96	1.61	1.61	1.61	3.21	3.46	9.00	10.15	0.68	2.70	3.49	3.0	12.0	15.5	98	3.33	A	1350
	1.5+2.5+2.5+6.0	0.90	1.50	1.50	1.50	3.60	3.61	9.00	10.45	0.68	2.46	3.48	3.0	10.9	15.4	98	3.66	A	1230
	1.5+2.5+2.5+3.5+3.5	1.00	1.67	1.67	2.33	2.33	3.39	9.00	9.97	0.68	2.82	3.46	3.0	12.5	15.4	98	3.19	B	1410
	1.5+2.5+2.5+3.5+4.2	0.95	1.58	1.58	2.22	2.66	3.49	9.00	9.98	0.68	2.75	3.46	3.0	12.2	15.4	98	3.27	A	1375
	1.5+2.5+2.5+3.5+5.0	0.90	1.50	1.50	2.10	3.00	3.61	9.00	10.45	0.71	2.70	3.80	3.1	12.0	16.9	98	3.33	A	1350
	1.5+2.5+2.5+4.2+4.2	0.91	1.51	1.51	2.54	2.54	3.60	9.00	10.44	0.71	2.75	4.09	3.1	12.2	18.1	98	3.27	A	1375
	1.5+2.5+3.5+3.5+3.5	0.93	1.55	2.17	2.17	2.17	3.54	9.00	9.98	0.68	2.82	3.46	3.0	12.5	15.4	98	3.19	B	1410
	1.5+2.5+3.5+3.5+4.2	0.89	1.48	2.07	2.07	2.49	3.64	9.00	10.47	0.71	2.75	4.09	3.1	12.2	18.1	98	3.27	A	1375
	1.5+3.5+3.5+3.5+3.5	0.87	2.03	2.03	2.03	2.03	3.69	9.00	10.49	0.71	2.75	4.17	3.1	12.2	18.5	98	3.27	A	1375
	2.0+2.0+2.0+2.0+2.0	1.63	1.63	1.63	1.63	1.63	2.88	8.15	9.03	0.58	2.30	2.81	2.6	10.2	12.5	98	3.54	A	1150
	2.0+2.0+2.0+2.0+2.5	1.58	1.58	1.58	1.58	1.98	2.95	8.30	9.25	0.58	2.36	2.95	2.6	10.5	13.1	98	3.52	A	1180
	2.0+2.0+2.0+2.0+3.5	1.50	1.50	1.50	1.50	2.65	3.10	8.65	9.64	0.61	2.55	3.24	2.7	11.3	14.4	98	3.39	A	1275
	2.0+2.0+2.0+2.0+4.2	1.46	1.46	1.46	1.46	3.05	3.20	8.89	9.87	0.65	2.68	3.39	2.9	11.9	15.0	98	3.32	A	1340
	2.0+2.0+2.0+2.0+5.0	1.38	1.38	1.38	1.38	3.48	3.32	9.00	10.09	0.65	2.70	3.49	2.9	12.0	15.5	98	3.33	A	1350
	2.0+2.0+2.0+2.0+6.0	1.29	1.29	1.29	1.29	3.84	3.46	9.00	10.31	0.65	2.50	3.40	2.9	11.1	15.1	98	3.60	A	1250
	2.0+2.0+2.0+2.0+7.1	1.19	1.19	1.19	1.19	4.24	3.63	9.00	10.46	0.68	2.47	3.48	3.0	11.0	15.4	98	3.64	A	1235
	2.0+2.0+2.0+2.5+2.5	1.54	1.54	1.54	1.92	1.92	3.02	8.46	9.45	0.61	2.49	3.09	2.7	11.0	13.7	98	3.40	A	1245
	2.0+2.0+2.0+2.5+3.5	1.47	1.47	1.47	1.84	2.57	3.17	8.82	9.81	0.61	2.68	3.39	2.7	11.9	15.0	98	3.29	A	1340
	2.0+2.0+2.0+2.5+4.2	1.42	1.42	1.42	1.77	2.97	3.27	9.00	9.97	0.65	2.82	3.46	2.9	12.5	15.4	98	3.19	B	1410
	2.0+2.0+2.0+2.5+5.0	1.33	1.33	1.33	1.67	3.34	3.39	9.00	10.15	0.65	2.70	3.49	2.9	12.0	15.5	98	3.33	A	1350
	2.0+2.0+2.0+2.5+6.0	1.24	1.24	1.24	1.55	3.73	3.54	9.00	10.38	0.68	2.50	3.40	3.0	11.1	15.1	98	3.60	A	1250
	2.0+2.0+2.0+2.5+7.1	1.15	1.15	1.15	1.44	4.11	3.70	9.00	10.50	0.71	2.47	3.48	3.1	11.0	15.4	98	3.64	A	1235
	2.0+2.0+2.0+3.5+3.5	1.54	1.54	1.54	1.92	1.92	3.02	8.46	9.45	0.61	2.49	3.09	2.7	11.0	13.7	98	3.40	A	1245
	2.0+2.0+2.0+3.5+4.2	1.31	1.31	1.31	2.31	2.76	3.42	9.00	9.98	0.68	2.75	3.46	3.0	12.2	15.4	98	3.27	A	1375
	2.0+2.0+2.0+3.5+5.0	1.24	1.24	1.24	2.17	3.11	3.54	9.00	10.16	0.68	2.74	3.49	3.0	12.2	15.5	98	3.28	A	1370
	2.0+2.0+2.0+3.5+6.0	1.16	1.16	1.16	2.03	3.49	3.69	9.00	10.49	0.71	2.46	3.48	3.1	10.9	15.4	98	3.66	A	1230
	2.0+2.0+2.0+4.2+4.2	1.24	1.24	1.24	2.64	2.64	3.52	9.00	9.99	0.68	2.75	3.47	3.0	12.2	15.4	98	3.27	A	1375
	2.0+2.0+2.0+4.2+5.0	1.18	1.18	1.18	2.50	2.96	3.64	9.00	10.47	0.71	2.70	3.89	3.1	12.0	17.3	98	3.33	A	1350
	2.0+2.0+2.5+2.5+2.5	1.51	1.51	1.88	1.88	1.88	3.10	8.66	9.64	0.61	2.55	3.24	2.7	11.3	14.4	98	3.40	A	1275
	2.0+2.0+2.5+2.5+3.5	1.44	1.44	1.80	1.80	2.52	3.24	9.00	9.96	0.65	2.82	3.46	2.9	12.5	15.4	98	3.19	B	1410
	2.0+2.0+2.5+2.5+4.2	1.37	1.37	1.70	1.70	2.86	3.35	9.00	9.66	0.65	2.86	3.46	2.9	12.7	15.4	98	3.15	B	1430
	2.0+2.0+2.5+2.5+5.0	1.29	1.29	1.61	1.61	3.20	3.46	9.00	10.15	0.68	2.70	3.49	3.0	12.0	15.5	98	3.33	A	1350
	2.0+2.0+2.5+2.5+6.0	1.20	1.20	1.50	1.50	3.60	3.61	9.00	10.45	0.68	2.46	3.48	3.0	10.9	15.4	98	3.66	A	1230
	2.0+2.0+2.5+3.5+3.5	1.33	1.33	1.68	2.33	2.33	3.39	9.00	9.97	0.68	2.82	3.46	3.0	12.5	15.4	98	3.19	B	1410
	2.0+2.0+2.5+3.5+4.2	1.27	1.27	1.58	2.22	2.66	3.49	9.00	9.66	0.68	2.79	3.46	3.0	12.4	15.4	98	3.23	A	1395
	2.0+2.0+2.5+3.5+5.0	1.20	1.20	1.50	2.10	3.00	3.61	9.00	10.45	0.71	2.70	3.80	3.1	12.0	16.9	98	3.33	A	1350
	2.0+2.0+2.5+4.2+4.2	1.21	1.21	1.50	2.54	2.54	3.60	9.00	10.44	0.71	2.75	4.01	3.1	12.2	17.8	98	3.27	A	1375
	2.0+2.0+3.5+3.5+3.5	1.23	1.23	2.18	2.18	2.18	3.54	9.00	9.98	0.68	2.82	3.46	3.0	12.5	15.4	98	3.19	B	1410
	2.0+2.0+3.5+3.5+4.2	1.18	1.18	2.07	2.07	2.50	3.64	9.00	10.47	0.71	2.75	4.01	3.1	12.2	17.8	98	3.27	A	1375
	2.0+2.5+2.5+2.5+2.5	1.46	1.84	1.84	1.84	1.84	3.17	8.82	9.81	0.61	2.68	3.39	2.7	11.9	15.0	98	3.29	A	1340
	2.0+2.5+2.5+2.5+3.5	1.39	1.73	1.73	1.73	2.42	3.32	9.00	9.96	0.65	2.82	3.46	2.9	12.5	15.4	98	3.19	B	1410
	2.0+2.5+2.5+2.5+4.2	1.32	1.64	1.64	1.64	2.76	3.42	9.00	9.97	0.68	2.82	3.46	3.0	12.5	15.4	98	3.19	B	1410
	2.0+2.5+2.5+2.5+5.0	1.25	1.55	1.55	1.55	3.10	3.54	9.00	10.15	0.68	2.70	3.49	3.0	12.0	15.5	98	3.33	A	1350
	2.0+2.5+2.5+2.5+6.0	1.17	1.45	1.45	1.45	3.48	3.69	9.00	10.49	0.71	2.46	3.48	3.1	10.9	15.4	98	3.66	A	1230
	2.0+2.5+2.5+3.5+3.5	1.28	1.61	1.61	2.25	2.25	3.46	9.00	9.97	0.68	2.82	3.46	3.0	12.5	15.4	98	3.19	B	1410
	2.0+2.5+2.5+3.5+4.2	1.23	1.53	1.53	2.14	2.57	3.57	9.00	10.41	0.71	2.75	4.01	3.1	12.2	17.8	98	3.27	A	1375
	2.0+2.5+2.5+3.5+5.0	1.17	1.45	1.45	2.03	2.90	3.69	9.00	10.49	0.71	2.70	3.88	3.1	12.0	17.2	98	3.33	A	1350
	2.0+2.5+2.5+4.2+4.2	1.18	1.46	1.46	2.45	2.45	3.64	9.00	10.47	0.71	2.75	4.01	3.1	12.2	17.8	98	3.27	A	1375
	2.0+2.5+3.5+3.5+3.5	1.20	1.50	2.10	2.10	2.10	3.61	9.00	10.42	0.71	2.82	4.01	3.1	12.5	17.8	98	3.19	B	1410
	2.5+2.5+2.5+2.5+2.5	1.80	1.80	1.80	1.80	1.80	3.24	9.00	9.95	0.65	2.81	3.46	2.9	12.5	15.4	98	3.20	A	1405
	2.5+2.5+2.5+2.5+3.5	1.67	1.67	1.67	1.67	2.32	3.39	9.00	9.96	0.68	2.75	3.46	3.0	12.2	15.4	98	3.27	A	1375
	2.5+2.5+2.5+2.5+4.2	1.58	1.58	1.58	1.58	2.68	3.49	9.00	9.97	0.68	2.82	3.46	3.0	12.5	15.4	98	3.19	B	1410
	2.5+2.5+2.5+2.5+5.0	1.50	1.50	1.50	1.50	3.00	3.61	9.00	10.45	0.71	2.70	3.88	3.1	12.0	17.2	98	3.33	A	1350
	2.5+2.5+2.5+3.5+3.5	1.56	1.56	1.56	2.16	2.16	3.54	9.00	9.97	0.68	2.82	3.46	3.0	12.5	15.4	98	3.19	B	1410
	2.5+2.5+2.5+3.5+4.2	1.48	1.48	1.48	2.07	2.49	3.64	9.00	10.47	0.71	2.75	4.01	3.1	12.2	17.8	98	3.27	A	1375
	2.5+2.5+3.5+3.5+3.5	1.44	1.44	2.04	2.04	2.04	3.69	9.00	10.42	0.71	2.75	4.01	3.1	12.2	17.8	98	3.27	A	1375

Notes: 1. Cooling capacity is based on 27°CDB/19°CWB (Indoor temperature). 35°CDB (Outdoor temperature).
Heating capacity is based on 20°CDB (Indoor temperature). 7°CDB/6°CWB (Outdoor temperature).
2. The total ability of connected a indoor unit is up to 14.5kW.
3. It is impossible to connect the indoor unit for one room only.
4. The above is the value for connecting with the following indoor units.
1.5. 2.0. 2.5. 3.5 kW class; wall mounted K series
4.2. 5.0 kW class; wall mounted J series
6.0. 7.1 kW class; wall mounted G series

* This page contains preliminary data

HEATING

OUTDOOR UNIT	INDOOR UNIT	HEATING CAPACITY (kW)					TOTAL CAPACITY (kW)			POWER INPUT COOLING (kW)			TOTAL CURRENT (A)			POWER FACTOR (%)	COP	ENERGY LABEL
		A ROOM	B ROOM	C ROOM	D ROOM	E ROOM	Min.	Nom.	Max.	Min.	Nom.	Max.	Min.	Nom.	Max.			
5MXS90E2V3B	1.5	2.22	---	---	---	---	1.30	2.22	3.40	0.40	0.77	1.12	1.8	3.4	5.0	98	2.88	D
	2.0	2.44	---	---	---	---	1.36	2.44	4.20	0.35	0.68	1.38	1.6	3.0	6.1	98	3.59	B
	2.5	3.05	---	---	---	---	1.42	3.05	4.65	0.37	0.90	1.48	1.6	4.0	6.6	98	3.39	C
	3.5	4.27	---	---	---	---	1.54	4.27	5.11	0.39	1.43	1.95	1.7	6.3	8.7	98	2.99	D
	4.2	5.12	---	---	---	---	1.75	5.12	5.16	0.60	1.73	1.98	2.7	7.7	8.8	98	2.96	D
	5.0	6.09	---	---	---	---	1.98	6.09	7.42	0.48	1.91	2.48	2.1	8.5	11.0	98	3.19	D
	6.0	7.31	---	---	---	---	2.28	7.31	8.53	0.60	2.30	2.89	2.7	10.2	12.8	98	3.18	D
	7.1	8.65	---	---	---	---	2.60	8.65	9.02	0.67	2.87	3.04	3.0	12.7	13.5	98	3.01	D
	1.5+1.5	1.83	1.83	---	---	---	1.48	3.66	5.75	0.39	0.91	1.48	1.7	4.0	6.6	98	4.02	A
	1.5+2.0	1.83	2.44	---	---	---	1.54	4.27	5.75	0.37	1.04	1.48	1.6	4.6	6.6	98	4.11	A
	1.5+2.5	1.83	3.05	---	---	---	1.69	4.88	7.46	0.39	1.21	2.09	1.7	5.4	9.3	98	4.03	A
	1.5+3.5	1.83	4.26	---	---	---	1.98	6.09	7.46	0.47	1.71	2.29	2.1	7.6	10.2	98	3.56	B
	1.5+4.2	1.83	5.12	---	---	---	2.19	6.95	8.53	0.45	2.09	2.81	2.0	9.3	12.5	98	3.33	C
	1.5+5.0	1.83	6.09	---	---	---	2.43	7.92	9.09	0.47	2.16	2.66	2.1	9.6	11.8	98	3.67	A
	1.5+6.0	1.79	7.14	---	---	---	2.72	8.93	9.88	0.51	2.47	2.96	2.3	11.0	13.1	98	3.62	A
	1.5+7.1	1.69	8.00	---	---	---	3.03	9.69	9.90	0.55	2.83	2.94	2.4	12.6	13.0	98	3.42	B
	2.0+2.0	2.44	2.44	---	---	---	1.69	4.88	6.85	0.39	1.21	1.87	1.7	5.4	8.3	98	4.03	A
	2.0+2.5	2.44	3.05	---	---	---	1.84	5.49	7.25	0.41	1.40	2.05	1.8	6.2	9.1	98	3.92	A
	2.0+3.5	2.44	4.26	---	---	---	2.13	6.70	7.74	0.50	1.99	2.44	2.2	8.8	10.8	98	3.37	C
	2.0+4.2	2.44	5.11	---	---	---	2.34	7.55	8.53	0.62	2.33	2.81	2.8	10.3	12.5	98	3.24	C
	2.0+5.0	2.44	6.09	---	---	---	2.57	8.53	9.09	0.63	2.45	2.66	2.8	10.9	11.8	98	3.48	B
	2.0+6.0	2.32	6.95	---	---	---	2.86	9.27	9.88	0.65	2.63	2.96	2.9	11.7	13.1	98	3.52	B
	2.0+7.1	2.20	7.83	---	---	---	3.17	10.03	10.37	0.69	3.01	3.18	3.1	13.4	14.1	98	3.33	C
	2.5+2.5	3.04	3.04	---	---	---	1.98	6.08	7.46	0.47	1.76	2.35	2.1	7.8	10.4	98	3.45	B
	2.5+3.5	3.05	4.26	---	---	---	2.28	7.31	8.53	0.60	2.34	2.94	2.7	10.4	13.0	98	3.12	D
	2.5+4.2	3.04	5.12	---	---	---	2.49	8.16	9.02	0.65	2.76	3.18	2.9	12.2	14.1	98	2.96	D
	2.5+5.0	2.98	5.95	---	---	---	2.72	8.93	9.70	0.66	2.61	2.99	2.9	11.6	13.3	98	3.42	B
	2.5+6.0	2.83	6.79	---	---	---	3.00	9.62	9.88	0.67	2.86	3.03	3.0	12.7	13.4	98	3.36	C
	2.5+7.1	2.70	7.68	---	---	---	3.31	10.38	10.77	0.72	3.22	3.46	3.2	14.3	15.4	98	3.22	C
	3.5+3.5	4.27	4.27	---	---	---	2.57	8.54	9.02	0.65	2.91	3.15	2.9	12.9	14.0	98	2.93	D
	3.5+4.2	4.12	4.94	---	---	---	2.77	9.06	9.60	0.70	3.21	3.53	3.1	14.2	15.7	98	2.82	D
	3.5+5.0	3.96	5.66	---	---	---	3.00	9.62	9.70	0.71	2.93	2.98	3.1	13.0	13.2	98	3.28	C
	3.5+6.0	3.80	6.51	---	---	---	3.28	10.31	10.75	0.72	3.19	3.43	3.2	14.2	15.2	98	3.23	C
	3.5+7.1	3.43	6.97	---	---	---	3.59	10.40	10.78	0.77	3.11	3.35	3.4	13.8	14.9	98	3.34	C
	4.2+4.2	4.77	4.77	---	---	---	2.97	9.54	9.61	0.72	3.47	3.53	3.2	15.4	15.7	98	2.75	E
	4.2+5.0	4.61	5.49	---	---	---	3.20	10.10	10.12	0.73	3.22	3.28	3.2	14.3	14.6	98	3.14	D
	4.2+6.0	4.28	6.12	---	---	---	3.48	10.40	10.76	0.75	3.24	3.42	3.3	14.4	15.2	98	3.21	C
	4.2+7.1	3.87	6.53	---	---	---	3.79	10.40	10.78	0.79	3.11	3.34	3.5	13.8	14.8	98	3.34	C
	5.0+5.0	5.20	5.20	---	---	---	3.42	10.40	10.64	0.76	3.28	3.40	3.4	14.6	15.1	98	3.17	D
	5.0+6.0	4.73	5.67	---	---	---	3.70	10.40	10.88	0.75	3.08	3.31	3.3	13.7	14.7	98	3.38	C
	5.0+7.1	4.30	6.10	---	---	---	4.01	10.40	10.51	0.83	3.01	3.06	3.7	13.4	13.6	98	3.46	B
	6.0+6.0	5.20	5.20	---	---	---	3.99	10.40	10.71	0.76	2.88	3.04	3.4	12.8	13.5	98	3.61	A
	6.0+7.1	4.76	5.64	---	---	---	4.30	10.40	10.74	0.84	2.86	3.03	3.7	12.7	13.4	98	3.64	A
	7.1+7.1	5.20	5.20	---	---	---	4.61	10.40	10.77	0.89	2.85	3.02	3.9	12.6	13.4	98	3.65	A
	1.5+1.5+1.5	1.83	1.83	1.83	---	---	1.84	5.50	7.52	0.47	1.24	1.92	2.1	5.5	8.5	98	4.44	A
	1.5+1.5+2.0	1.83	1.83	2.44	---	---	1.98	6.10	7.52	0.49	1.39	1.92	2.2	6.2	8.5	98	4.39	A
	1.5+1.5+2.5	1.83	1.83	3.05	---	---	2.13	6.71	7.52	0.51	1.63	1.92	2.3	7.2	8.5	98	4.12	A
	1.5+1.5+3.5	1.83	1.83	4.27	---	---	2.43	7.93	9.22	0.55	2.04	2.57	2.4	9.1	11.4	98	3.89	A
	1.5+1.5+4.2	1.82	1.82	5.09	---	---	2.63	8.73	9.22	0.60	2.37	2.57	2.7	10.5	11.4	98	3.68	A
	1.5+1.5+5.0	1.74	1.74	5.80	---	---	2.86	9.28	9.99	0.60	2.53	2.84	2.7	11.2	12.6	98	3.67	A
	1.5+1.5+6.0	1.66	1.66	6.65	---	---	3.14	9.97	10.71	0.61	2.65	3.04	2.7	11.8	13.5	98	3.76	A
	1.5+1.5+7.1	1.55	1.55	7.32	---	---	3.45	10.41	10.75	0.65	2.86	3.03	2.9	12.7	13.4	98	3.64	A
	1.5+2.0+2.0	1.83	2.44	2.44	---	---	2.13	6.71	7.52	0.51	1.63	1.92	2.3	7.2	8.5	98	4.12	A
	1.5+2.0+2.5	1.83	2.44	3.05	---	---	2.28	7.32	8.67	0.53	1.83	2.32	2.4	8.1	10.3	98	4.00	A
	1.5+2.0+3.5	1.83	2.44	4.27	---	---	2.58	8.54	9.22	0.57	2.27	2.57	2.5	10.1	11.4	98	3.76	A
	1.5+2.0+4.2	1.77	2.36	4.95	---	---	2.77	9.07	9.89	0.62	2.47	2.89	2.8	11.0	12.8	98	3.67	A
	1.5+2.0+5.0	1.70	2.27	5.66	---	---	3.00	9.63	9.99	0.62	2.68	2.84	2.8	11.9	12.6	98	3.59	B
	1.5+2.0+6.0	1.63	2.17	6.52	---	---	3.28	10.32	10.71	0.64	2.82	3.04	2.8	12.5	13.5	98	3.66	A
	1.5+2.0+7.1	1.47	1.96	6.97	---	---	3.59	10.41	10.75	0.68	2.86	3.03	3.0	12.7	13.4	98	3.64	A
	1.5+2.5+2.5	1.83	3.05	3.05	---	---	2.43	7.93	9.21	0.55	2.05	2.58	2.4	9.1	11.4	98	3.87	A
	1.5+2.5+3.5	1.79	2.98	4.17	---	---	2.72	8.94	9.89	0.60	2.42	2.89	2.7	10.7	12.8	98	3.69	A
	1.5+2.5+4.2	1.72	2.87	4.82	---	---	2.91	9.42	9.89	0.64	2.62	2.89	2.8	11.6	12.8	98	3.60	B
	1.5+2.5+5.0	1.66	2.77	5.54	---	---	3.14	9.97	10.48	0.65	2.84	3.07	2.9	12.6	13.6	98	3.51	B
	1.5+2.5+6.0	1.56	2.60	6.25	---	---	3.42	10.41	10.71	0.66	2.87	3.04	2.9	12.7	13.5	98	3.63	A
	1.5+2.5+7.1	1.41	2.34	6.66	---	---	3.73	10.41	10.75	0.70	2.86	3.03	3.1	12.7	13.4	98	3.64	A
	1.5+3.5+3.5	1.70	3.97	3.97	---	---	3.00	9.63	9.89	0.64	2.73	2.89	2.8	12.1	12.8	98	3.53	B
	1.5+3.5+4.2	1.65	3.85	4.62	---	---	3.20	10.11	10.37	0.69	3.01	3.12	3.1	13.4	13.8	98	3.36	C
	1.5+3.5+5.0	1.56	3.64	5.21	---	---	3.42	10.41	10.49	0.70	3.07	3.07	3.1	13.6	13.6	98	3.39	C
	1.5+3.5+6.0	1.42	3.31	5.68	---	---	3.70	10.41	10.72	0.71	2.87	3.04	3.1	12.7	13.5	98	3.63	A
	1.5+3.5+7.1	1.29	3.01	6.11	---	---	4.01	10.41	10.75	0.78	2.86	3.03	3.5	12.7	13.4	98	3.64	A
	1.5+4.2+4.2	1.58	4.42	4.42	---	---	3.39	10.41	10.48	0.72	3.17	3.17	3.2	14.1	14.1	98	3.28	C
	1.5+4.2+5.0	1.46	4.09	4.86	---	---	3.62	10.41	10.61	0.75	3.07	3.07	3.3	13.6	13.6	98	3.39	C
	1.5+4.2+6.0	1.33	3.74	5.34	---	---	3.90	10.41	10.84	0.76	2.87	3.04	3.4	12.7	13.5	98	3.63	A
	1.5+4.2+7.1	1.22	3.42	5.77	---	---	4.21	10.41	10.87	0.81	2.86	3.02	3.6	12.7	13.4	98	3.64	A
	1.5+5.0+5.0	1.36	4.53	4.53	---	---	3.84	10.41	10.74	0.75	2.96	3.08	3.3	13.1	13.7	98	3.52	B
	1.5+5.0+6.0	1.25	4.16	5.00	---	---	4.13	10.41	10.97	0.76	2.77	2.99	3.4	12.3	13.3	98	3.76	A
	1.5+5.0+7.1	1.15	3.83	5.43	---	---	4.44	10.41	11.00	0.84	2.75	2.97	3.7	12.2	13.2	98	3.79	A
	1.5+6.0+6.0	1.16	4.63	4.63	---	---	4.41	10.41	11.20	0.77	2.62	2.90	3.4	11.6	12.9	98	3.97	A
	1.5+6.0+7.1	1.07	4.28	5.06	---	---	4.72	10.41	11.23	0.84	2.61	2.89	3.7	11.6	12.8	98	3.99	A
	2.0+2.0+2.0	2.44	2.44	2.44	---	---	2.28	7.32	8.67	0.53	1.84	2.32	2.4	8.2	10.3	98	3.98	A
	2.0+2.0+2.5	2.44	2.44	3.04	---	---	2.43	7.92	9.21	0.55	2.05	2.58	2.4	9.1	11.4	98	3.86	A
	2.0+2.0+3.5	2.38	2.38	4.17	---	---	2.72	8.93	9.89	0.60	2.42	2.89	2.7	10.7	12.8	98	3.69	A
	2.0+2.0+4.2	2.30	2.30	4.81	---	---	2.91	9.41	9.89	0.64	2.62	2.89	2.8	11.6	12.8	98	3.59	B

Notes: 1. Cooling capacity is based on 27°CDB/19°CWB (Indoor temperature). 35°CDB (Outdoor temperature).
Heating capacity is based on 20°CDB (Indoor temperature). 7°CDB/6°CWB (Outdoor temperature).
2. The total ability of connected a indoor unit is up to 14.5kW.
3. It is impossible to connect the indoor unit for one room only.
4. The above is the value for connecting with the following indoor units.
1.5. 2.0. 2.5. 3.5 kW class; wall mounted K series
4.2. 5.0 kW class; wall mounted J series
6.0. 7.1 kW class; wall mounted G series

* This page contains preliminary data

HEATING

OUTDOOR UNIT	INDOOR UNIT	HEATING CAPACITY (kW)					TOTAL CAPACITY (kW)			POWER INPUT COOLING (kW)			TOTAL CURRENT (A)			POWER FACTOR (%)	COP	ENERGY LABEL
		A ROOM	B ROOM	C ROOM	D ROOM	E ROOM	Min.	Nom.	Max.	Min.	Nom.	Max.	Min.	Nom.	Max.			
5MXS90E2V3B	2.0+2.0+5.0	2.21	2.21	5.54	---	---	3.14	9.96	10.48	0.65	2.84	3.07	2.9	12.6	13.6	98	3.51	B
	2.0+2.0+6.0	2.08	2.08	6.24	---	---	3.42	10.40	10.71	0.66	2.87	3.04	2.9	12.7	13.5	98	3.62	A
	2.0+2.0+7.1	1.87	1.87	6.66	---	---	3.73	10.40	10.75	0.70	2.86	3.03	3.1	12.7	13.4	98	3.64	A
	2.0+2.5+2.5	2.43	3.05	3.05	---	---	2.57	8.53	9.21	0.57	2.28	2.58	2.5	10.1	11.4	98	3.74	A
	2.0+2.5+3.5	2.31	2.90	4.06	---	---	2.86	9.27	9.89	0.62	2.57	2.89	2.8	11.4	12.8	98	3.61	A
	2.0+2.5+4.2	2.24	2.80	4.71	---	---	3.06	9.75	10.36	0.67	2.78	3.12	3.0	12.3	13.8	98	3.51	B
	2.0+2.5+5.0	2.17	2.71	5.43	---	---	3.28	10.31	10.48	0.67	3.02	3.07	3.0	13.4	13.6	98	3.41	B
	2.0+2.5+6.0	1.98	2.48	5.94	---	---	3.56	10.40	10.71	0.68	2.87	3.04	3.0	12.7	13.5	98	3.62	A
	2.0+2.5+7.1	1.79	2.24	6.37	---	---	3.87	10.40	10.75	0.73	2.86	3.03	3.2	12.7	13.4	98	3.64	A
	2.0+3.5+3.5	2.22	3.87	3.87	---	---	3.14	9.96	10.36	0.69	2.89	3.12	3.1	12.8	13.8	98	3.45	B
	2.0+3.5+4.2	2.14	3.75	4.51	---	---	3.34	10.40	10.55	0.72	3.18	3.23	3.2	14.1	14.3	98	3.27	C
	2.0+3.5+5.0	1.98	3.47	4.95	---	---	3.56	10.40	10.90	0.72	3.07	3.30	3.2	13.6	14.6	98	3.39	C
	2.0+3.5+6.0	1.80	3.17	5.43	---	---	3.84	10.40	10.72	0.73	2.87	3.04	3.2	12.7	13.5	98	3.62	A
	2.0+3.5+7.1	1.65	2.89	5.86	---	---	4.15	10.40	10.75	0.81	2.86	3.03	3.6	12.7	13.4	98	3.64	A
	2.0+4.2+4.2	2.00	4.20	4.20	---	---	3.53	10.40	10.56	0.74	3.12	3.23	3.3	13.8	14.3	98	3.33	C
	2.0+4.2+5.0	1.86	3.90	4.64	---	---	3.76	10.40	10.91	0.77	3.07	3.30	3.4	13.6	14.6	98	3.39	C
	2.0+4.2+6.0	1.70	3.58	5.12	---	---	4.04	10.40	10.73	0.78	2.87	3.04	3.5	12.7	13.5	98	3.62	A
	2.0+4.2+7.1	1.56	3.28	5.56	---	---	4.35	10.40	10.76	0.83	2.86	3.02	3.7	12.7	13.4	98	3.64	A
	2.0+5.0+5.0	1.74	4.33	4.33	---	---	3.99	10.40	10.63	0.80	2.96	3.08	3.5	13.1	13.7	98	3.51	B
	2.0+5.0+6.0	1.60	4.00	4.80	---	---	4.27	10.40	10.86	0.79	2.77	2.99	3.5	12.3	13.3	98	3.75	A
	2.0+5.0+7.1	1.47	3.69	5.24	---	---	4.58	10.40	10.89	0.86	2.75	2.97	3.8	12.2	13.2	98	3.78	A
	2.0+6.0+6.0	1.48	4.46	4.46	---	---	4.55	10.40	11.09	0.82	2.62	2.90	3.6	11.6	12.9	98	3.97	A
	2.0+6.0+7.1	1.38	4.13	4.89	---	---	4.86	10.40	11.12	0.87	2.61	2.89	3.9	11.6	12.8	98	3.98	A
	2.5+2.5+2.5	2.98	2.98	2.98	---	---	2.72	8.94	9.88	0.60	2.42	2.89	2.7	10.7	12.8	98	3.69	A
	2.5+2.5+3.5	2.83	2.83	3.96	---	---	3.00	9.62	9.89	0.67	2.73	2.89	3.0	12.1	12.8	98	3.52	B
	2.5+2.5+4.2	2.74	2.74	4.62	---	---	3.20	10.10	10.36	0.69	3.01	3.12	3.1	13.4	13.8	98	3.36	C
	2.5+2.5+5.0	2.60	2.60	5.20	---	---	3.42	10.40	10.89	0.70	3.07	3.30	3.1	13.6	14.6	98	3.39	C
	2.5+2.5+6.0	2.36	2.36	5.68	---	---	3.70	10.40	10.71	0.71	2.87	3.04	3.1	12.7	13.5	98	3.62	A
	2.5+2.5+7.1	2.15	2.15	6.10	---	---	4.01	10.40	10.75	0.78	2.86	3.03	3.5	12.7	13.4	98	3.64	A
	2.5+3.5+3.5	2.71	3.80	3.80	---	---	3.28	10.31	10.76	0.72	3.12	3.35	3.2	13.8	14.9	98	3.30	C
	2.5+3.5+4.2	2.55	3.57	4.28	---	---	3.48	10.40	10.77	0.74	3.18	3.35	3.3	14.1	14.9	98	3.27	C
	2.5+3.5+5.0	2.36	3.31	4.73	---	---	3.70	10.40	10.90	0.75	3.07	3.30	3.3	13.6	14.6	98	3.39	C
	2.5+3.5+6.0	2.17	3.03	5.20	---	---	3.99	10.40	10.72	0.76	2.87	3.04	3.4	12.7	13.5	98	3.62	A
	2.5+3.5+7.1	1.98	2.78	5.64	---	---	4.30	10.40	10.75	0.83	2.86	3.03	3.7	12.7	13.4	98	3.64	A
	2.5+4.2+4.2	2.38	4.01	4.01	---	---	3.68	10.40	10.77	0.77	3.12	3.35	3.4	13.8	14.9	98	3.33	C
	2.5+4.2+5.0	2.23	3.73	4.44	---	---	3.90	10.40	10.91	0.80	3.07	3.30	3.5	13.6	14.6	98	3.39	C
	2.5+4.2+6.0	2.05	3.44	4.91	---	---	4.18	10.40	10.73	0.81	2.87	3.04	3.6	12.7	13.5	98	3.62	A
	2.5+4.2+7.1	1.88	3.17	5.35	---	---	4.49	10.40	10.76	0.86	2.86	3.02	3.8	12.7	13.4	98	3.64	A
	2.5+5.0+5.0	2.08	4.16	4.16	---	---	4.13	10.40	10.63	0.83	2.96	3.08	3.7	13.1	13.7	98	3.51	B
	2.5+5.0+6.0	1.93	3.85	4.62	---	---	4.41	10.40	10.86	0.84	2.77	2.99	3.7	12.3	13.3	98	3.75	A
	2.5+5.0+7.1	1.78	3.56	5.06	---	---	4.72	10.40	10.89	0.89	2.75	2.97	3.9	12.2	13.2	98	3.78	A
	2.5+6.0+6.0	1.80	4.30	4.30	---	---	4.69	10.40	11.09	0.85	2.62	2.90	3.8	11.6	12.9	98	3.97	A
	2.5+6.0+7.1	1.67	4.00	4.73	---	---	5.00	10.40	11.12	0.90	2.61	2.89	4.0	11.6	12.8	98	3.98	A
	3.5+3.5+3.5	3.46	3.46	3.46	---	---	3.56	10.38	10.76	0.77	3.12	3.35	3.4	13.8	14.9	98	3.33	C
	3.5+3.5+4.2	3.25	3.25	3.90	---	---	3.76	10.40	10.77	0.80	3.12	3.35	3.5	13.8	14.9	98	3.33	C
	3.5+3.5+5.0	3.03	3.03	4.34	---	---	3.99	10.40	10.91	0.83	3.07	3.30	3.7	13.6	14.6	98	3.39	C
	3.5+3.5+6.0	2.80	2.80	4.80	---	---	4.27	10.40	10.73	0.84	2.87	3.04	3.7	12.7	13.5	98	3.62	A
	3.5+3.5+7.1	2.58	2.58	5.24	---	---	4.58	10.40	10.76	0.89	2.86	3.02	3.9	12.7	13.4	98	3.64	A
	3.5+4.2+4.2	3.06	3.67	3.67	---	---	3.96	10.40	10.78	0.85	3.11	3.34	3.8	13.8	14.8	98	3.34	C
	3.5+4.2+5.0	2.87	3.44	4.09	---	---	4.18	10.40	10.51	0.85	3.01	3.12	3.8	13.4	13.8	98	3.46	B
	3.5+4.2+6.0	2.66	3.19	4.55	---	---	4.46	10.40	10.74	0.87	2.87	3.03	3.9	12.7	13.4	98	3.62	A
	3.5+4.2+7.1	2.46	2.95	4.99	---	---	4.78	10.40	10.77	0.95	2.85	3.02	4.2	12.6	13.4	98	3.65	A
	3.5+5.0+5.0	2.70	3.85	3.85	---	---	4.41	10.40	10.64	0.89	2.96	3.07	3.9	13.1	13.6	98	3.51	B
	3.5+5.0+6.0	2.51	3.59	4.30	---	---	4.69	10.40	10.86	0.90	2.76	2.98	4.0	12.2	13.2	98	3.77	A
	3.5+5.0+7.1	2.34	3.33	4.73	---	---	5.00	10.40	10.90	0.95	2.75	2.97	4.2	12.2	13.2	98	3.78	A
	3.5+6.0+6.0	2.34	4.03	4.03	---	---	4.97	10.40	11.09	0.91	2.62	2.90	4.0	11.6	12.9	98	3.97	A
	4.2+4.2+4.2	3.47	3.47	3.47	---	---	4.15	10.40	10.79	0.88	3.11	3.34	3.9	13.8	14.8	98	3.34	C
	4.2+4.2+5.0	3.26	3.26	3.88	---	---	4.38	10.40	10.52	0.91	3.00	3.12	4.0	13.3	13.8	98	3.47	B
	4.2+4.2+6.0	3.03	3.03	4.34	---	---	4.66	10.40	10.75	0.92	2.86	3.03	4.1	12.7	13.4	98	3.64	A
	4.2+4.2+7.1	2.82	2.82	4.76	---	---	4.97	10.40	10.78	0.98	2.85	3.02	4.3	12.6	13.4	98	3.65	A
	4.2+5.0+5.0	3.08	3.66	3.66	---	---	4.61	10.40	10.64	0.91	2.96	3.07	4.0	13.1	13.6	98	3.51	B
	4.2+5.0+6.0	2.87	3.42	4.11	---	---	4.89	10.40	10.87	0.93	2.76	2.98	4.1	12.2	13.2	98	3.77	A
	5.0+5.0+5.0	3.46	3.46	3.46	---	---	4.83	10.38	10.77	0.95	2.85	3.02	4.2	12.6	13.4	98	3.64	A
	1.5+1.5+1.5+1.5	1.83	1.83	1.83	1.83	---	2.28	7.32	8.82	0.46	1.72	2.24	2.0	7.6	9.9	98	4.26	A
	1.5+1.5+1.5+2.0	1.83	1.83	1.83	2.44	---	2.43	7.93	9.42	0.48	1.93	2.44	2.1	8.6	10.8	98	4.11	A
	1.5+1.5+1.5+2.5	1.83	1.83	1.83	3.05	---	2.58	8.54	9.42	0.50	2.10	2.44	2.2	9.3	10.8	98	4.07	A
	1.5+1.5+1.5+3.5	1.74	1.74	1.74	4.06	---	2.86	9.28	10.19	0.54	2.39	2.75	2.4	10.6	12.2	98	3.88	A
	1.5+1.5+1.5+4.2	1.68	1.68	1.68	4.71	---	3.06	9.76	10.74	0.59	2.59	3.03	2.6	11.5	13.4	98	3.77	A
	1.5+1.5+1.5+5.0	1.63	1.63	1.63	5.43	---	3.28	10.32	10.86	0.59	2.76	2.98	2.6	12.2	13.2	98	3.74	A
	1.5+1.5+1.5+6.0	1.49	1.49	1.49	5.95	---	3.56	10.41	11.09	0.60	2.62	2.90	2.7	11.6	12.9	98	3.97	A
	1.5+1.5+1.5+7.1	1.35	1.35	1.35	6.37	---	3.87	10.41	11.12	0.66	2.61	2.88	2.9	11.6	12.8	98	3.99	A
	1.5+1.5+2.0+2.0	1.83	1.83	2.44	2.44	---	2.58	8.54	9.42	0.50	2.10	2.44	2.2	9.3	10.8	98	4.07	A
	1.5+1.5+2.0+2.5	1.79	1.79	2.38	2.98	---	2.72	8.94	10.18	0.52	2.24	2.76	2.3	9.9	12.2	98	3.99	A
	1.5+1.5+2.0+3.5	1.70	1.70	2.27	3.97	---	3.00	9.63	10.19	0.59	2.49	2.75	2.6	11.0	12.2	98	3.87	A
	1.5+1.5+2.0+4.2	1.65	1.65	2.20	4.62	---	3.20	10.11	10.74	0.61	2.75	3.03	2.7	12.2	13.4	98	3.68	A
	1.5+1.5+2.0+5.0	1.56	1.56	2.08	5.21	---	3.42	10.41	10.86	0.64	2.76	2.98	2.8	12.2	13.2	98	3.77	A
	1.5+1.5+2.0+6.0	1.42	1.42	1.89	5.68	---	3.70	10.41	11.09	0.62	2.62	2.90	2.8	11.6	12.9	98	3.97	A
	1.5+1.5+2.0+7.1	1.29	1.29	1.72	6.11	---	4.01	10.41	11.12	0.69	2.61	2.88	3.1	11.6	12.8	98	3.99	A
	1.5+1.5+2.5+2.5	1.74	1.74	2.90	2.90	---	2.86	9.28	10.18	0.57	2.39	2.76	2.5	10.6	12.2	98	3.88	A
	1.5+1.5+2.5+3.5	1.66	1.66	2.77	3.88	---	3.14	9.97	10.73	0.61	2.65	3.04	2.7	11.8	13.5	98	3.76	A
	1.5+1.5+2.5+4.2	1.61	1.61	2.68	4.51	---	3.34	10.41	10.74	0.63	2.87	3.03	2.8	12.7	13.4	98	3.63	A
	1.5+1.5+2.5+5.0	1.49	1.49	2.48	4.96	---	3.56	10.41	10.86	0.66	2.76	2.98	2.9	12.2	13.2	98	3.77	A
	1.5+1.5+2.5+6.0	1.36	1.36	2.26	5.43	---	3.84	10.41	11.09	0.67	2.62	2.90	3.0	11.6	12.9	98	3.97	A

Notes: 1. Cooling capacity is based on 27°CDB/19°CWB (Indoor temperature). 35°CDB (Outdoor temperature).
Heating capacity is based on 20°CDB (Indoor temperature). 7°CDB/6°CWB (Outdoor temperature).
2. The total ability of connected a indoor unit is up to 14.5kW.
3. It is impossible to connect the indoor unit for one room only.
4. The above is the value for connecting with the following indoor units.
1.5. 2.0. 2.5. 3.5 kW class; wall mounted K series
4.2. 5.0 kW class; wall mounted J series
6.0. 7.1 kW class; wall mounted G series

* This page contains preliminary data

HEATING

OUTDOOR UNIT	INDOOR UNIT	HEATING CAPACITY (kW)					TOTAL CAPACITY (kW)			POWER INPUT COOLING (kW)			TOTAL CURRENT (A)			POWER FACTOR (%)	COP	ENERGY LABEL
		A ROOM	B ROOM	C ROOM	D ROOM	E ROOM	Min.	Nom.	Max.	Min.	Nom.	Max.	Min.	Nom.	Max.			
5MXS90E2V3B	1.5+1.5+2.5+7.1	1.24	1.24	2.07	5.87	---	4.15	10.41	11.12	0.71	2.61	2.88	3.1	11.6	12.8	98	3.99	A
	1.5+1.5+3.5+3.5	1.56	1.56	3.64	3.64	---	3.42	10.41	10.74	0.66	2.87	3.03	2.9	12.7	13.4	98	3.63	A
	1.5+1.5+3.5+4.2	1.46	1.46	3.41	4.09	---	3.62	10.41	10.74	0.68	2.86	3.03	3.0	12.7	13.4	98	3.64	A
	1.5+1.5+3.5+5.0	1.36	1.36	3.17	4.53	---	3.84	10.41	10.87	0.71	2.76	2.98	3.1	12.2	13.2	98	3.77	A
	1.5+1.5+3.5+6.0	1.25	1.25	2.91	5.00	---	4.13	10.41	11.10	0.72	2.61	2.89	3.2	11.6	12.8	98	3.99	A
	1.5+1.5+3.5+7.1	1.15	1.15	2.68	5.43	---	4.44	10.41	11.13	0.79	2.60	2.88	3.5	11.5	12.8	98	4.00	A
	1.5+1.5+4.2+4.2	1.37	1.37	3.84	3.84	---	3.82	10.41	10.75	0.73	2.86	3.03	3.2	12.7	13.4	98	3.64	A
	1.5+1.5+4.2+5.0	1.28	1.28	3.58	4.27	---	4.04	10.41	10.88	0.76	2.76	2.98	3.4	12.2	13.2	98	3.77	A
	1.5+1.5+4.2+6.0	1.18	1.18	3.31	4.73	---	4.32	10.41	11.11	0.77	2.61	2.89	3.4	11.6	12.8	98	3.99	A
	1.5+1.5+4.2+7.1	1.09	1.09	3.06	5.17	---	4.63	10.41	11.14	0.81	2.60	2.88	3.6	11.5	12.8	98	4.00	A
	1.5+1.5+5.0+5.0	1.20	1.20	4.00	4.00	---	4.27	10.41	11.01	0.76	2.71	2.93	3.4	12.0	13.0	98	3.84	A
	1.5+1.5+5.0+6.0	1.12	1.12	3.72	4.46	---	4.55	10.41	11.23	0.77	2.56	2.90	3.4	11.4	12.9	98	4.07	A
	1.5+1.5+5.0+7.1	1.03	1.03	3.45	4.89	---	4.86	10.41	11.27	0.84	2.50	2.88	3.7	11.1	12.8	98	4.16	A
	1.5+1.5+6.0+6.0	1.04	1.04	4.16	4.16	---	4.83	10.41	11.46	0.80	2.43	2.81	3.5	10.8	12.5	98	4.28	A
	1.5+2.0+2.0+2.0	1.79	2.38	2.38	2.38	---	2.72	8.94	10.18	0.52	2.24	2.76	2.3	9.9	12.2	98	3.99	A
	1.5+2.0+2.0+2.5	1.74	2.32	2.32	2.90	---	2.86	9.28	10.18	0.57	2.39	2.76	2.5	10.6	12.2	98	3.88	A
	1.5+2.0+2.0+3.5	1.66	2.22	2.22	3.88	---	3.14	9.97	10.73	0.61	2.65	3.04	2.7	11.8	13.5	98	3.76	A
	1.5+2.0+2.0+4.2	1.61	2.15	2.15	4.51	---	3.34	10.41	10.74	0.63	2.87	3.03	2.8	12.7	13.4	98	3.63	A
	1.5+2.0+2.0+5.0	1.49	1.98	1.98	4.96	---	3.56	10.41	10.86	0.66	2.76	2.98	2.9	12.2	13.2	98	3.77	A
	1.5+2.0+2.0+6.0	1.36	1.81	1.81	5.43	---	3.84	10.41	11.09	0.67	2.62	2.90	3.0	11.6	12.9	98	3.97	A
	1.5+2.0+2.0+7.1	1.24	1.65	1.65	5.87	---	4.15	10.41	11.12	0.71	2.61	2.88	3.1	11.6	12.8	98	3.99	A
	1.5+2.0+2.5+2.5	1.70	2.27	2.83	2.83	---	3.00	9.63	10.18	0.59	2.54	2.76	2.6	11.3	12.2	98	3.79	A
	1.5+2.0+2.5+3.5	1.63	2.17	2.72	3.80	---	3.28	10.32	10.73	0.63	2.81	3.04	2.8	12.5	13.5	98	3.67	A
	1.5+2.0+2.5+4.2	1.53	2.04	2.55	4.29	---	3.48	10.41	10.74	0.66	2.87	3.03	2.9	12.7	13.4	98	3.63	A
	1.5+2.0+2.5+5.0	1.42	1.89	2.37	4.73	---	3.70	10.41	10.86	0.68	2.76	2.98	3.0	12.2	13.2	98	3.77	A
	1.5+2.0+2.5+6.0	1.30	1.74	2.17	5.21	---	3.99	10.41	11.09	0.69	2.62	2.90	3.1	11.6	12.9	98	3.97	A
	1.5+2.0+2.5+7.1	1.19	1.59	1.99	5.64	---	4.30	10.41	11.12	0.74	2.61	2.88	3.3	11.6	12.8	98	3.99	A
	1.5+2.0+3.5+3.5	1.49	1.98	3.47	3.47	---	3.56	10.41	10.74	0.68	2.87	3.03	3.0	12.7	13.4	98	3.63	A
	1.5+2.0+3.5+4.2	1.39	1.86	3.25	3.90	---	3.76	10.41	10.74	0.73	2.86	3.03	3.2	12.7	13.4	98	3.64	A
	1.5+2.0+3.5+5.0	1.30	1.74	3.04	4.34	---	3.99	10.41	10.87	0.73	2.76	2.98	3.2	12.2	13.2	98	3.77	A
	1.5+2.0+3.5+6.0	1.20	1.60	2.80	4.80	---	4.27	10.41	11.10	0.74	2.61	2.89	3.3	11.6	12.8	98	3.99	A
	1.5+2.0+3.5+7.1	1.11	1.48	2.58	5.24	---	4.58	10.41	11.13	0.81	2.60	2.88	3.6	11.5	12.8	98	4.00	A
	1.5+2.0+4.2+4.2	1.31	1.75	3.67	3.67	---	3.96	10.41	10.75	0.75	2.86	3.03	3.3	12.7	13.4	98	3.64	A
	1.5+2.0+4.2+5.0	1.23	1.64	3.44	4.10	---	4.18	10.41	10.88	0.78	2.76	2.98	3.5	12.2	13.2	98	3.77	A
	1.5+2.0+4.2+6.0	1.14	1.52	3.19	4.56	---	4.46	10.41	11.11	0.79	2.61	2.89	3.5	11.6	12.8	98	3.99	A
	1.5+2.0+4.2+7.1	1.06	1.41	2.95	4.99	---	4.78	10.41	11.14	0.84	2.60	2.88	3.7	11.5	12.8	98	4.00	A
	1.5+2.0+5.0+5.0	1.16	1.54	3.86	3.86	---	4.41	10.41	11.01	0.79	2.71	2.93	3.5	12.0	13.0	98	3.84	A
	1.5+2.0+5.0+6.0	1.08	1.44	3.59	4.31	---	4.69	10.41	11.23	0.82	2.56	2.90	3.6	11.4	12.9	98	4.07	A
	1.5+2.0+5.0+7.1	1.00	1.33	3.34	4.74	---	5.00	10.41	11.27	0.87	2.50	2.88	3.9	11.1	12.8	98	4.16	A
	1.5+2.0+6.0+6.0	1.01	1.34	4.03	4.03	---	4.97	10.41	11.46	0.83	2.43	2.81	3.7	10.8	12.5	98	4.28	A
	1.5+2.5+2.5+2.5	1.66	2.77	2.77	2.77	---	3.14	9.97	10.72	0.61	2.65	3.04	2.7	11.8	13.5	98	3.76	A
	1.5+2.5+2.5+3.5	1.56	2.60	2.60	3.64	---	3.42	10.41	10.73	0.66	2.87	3.04	2.9	12.7	13.5	98	3.63	A
	1.5+2.5+2.5+4.2	1.46	2.43	2.43	4.09	---	3.62	10.41	10.74	0.68	2.87	3.03	3.0	12.7	13.4	98	3.63	A
	1.5+2.5+2.5+5.0	1.36	2.26	2.26	4.53	---	3.84	10.41	10.86	0.71	2.76	2.98	3.1	12.2	13.2	98	3.77	A
	1.5+2.5+2.5+6.0	1.25	2.08	2.08	5.00	---	4.13	10.41	11.09	0.72	2.62	2.90	3.2	11.6	12.9	98	3.97	A
	1.5+2.5+2.5+7.1	1.15	1.91	1.91	5.43	---	4.44	10.41	11.12	0.79	2.61	2.88	3.5	11.6	12.8	98	3.99	A
	1.5+2.5+3.5+3.5	1.42	2.37	3.31	3.31	---	3.70	10.41	10.74	0.71	2.87	3.03	3.1	12.7	13.4	98	3.63	A
	1.5+2.5+3.5+4.2	1.33	2.22	3.11	3.74	---	3.90	10.41	10.74	0.76	2.86	3.03	3.4	12.7	13.4	98	3.64	A
	1.5+2.5+3.5+5.0	1.25	2.08	2.91	4.16	---	4.13	10.41	10.87	0.76	2.76	2.98	3.4	12.2	13.2	98	3.77	A
	1.5+2.5+3.5+6.0	1.16	1.93	2.70	4.63	---	4.41	10.41	11.10	0.77	2.61	2.89	3.4	11.6	12.8	98	3.99	A
	1.5+2.5+3.5+7.1	1.07	1.78	2.50	5.06	---	4.72	10.41	11.13	0.84	2.60	2.88	3.7	11.5	12.8	98	4.00	A
	1.5+2.5+4.2+4.2	1.26	2.10	3.53	3.53	---	4.10	10.41	10.75	0.78	2.86	3.03	3.5	12.7	13.4	98	3.64	A
	1.5+2.5+4.2+5.0	1.18	1.97	3.31	3.94	---	4.32	10.41	10.88	0.81	2.76	2.98	3.6	12.2	13.2	98	3.77	A
	1.5+2.5+4.2+6.0	1.10	1.83	3.08	4.40	---	4.61	10.41	11.11	0.82	2.61	2.89	3.6	11.6	12.8	98	3.99	A
	1.5+2.5+4.2+7.1	1.02	1.70	2.86	4.83	---	4.92	10.41	11.14	0.90	2.60	2.88	4.0	11.5	12.8	98	4.00	A
	1.5+2.5+5.0+5.0	1.12	1.86	3.72	3.72	---	4.10	10.41	10.75	0.78	2.86	3.03	3.5	12.7	13.4	98	3.64	A
	1.5+2.5+5.0+6.0	1.04	1.74	3.47	4.16	---	4.32	10.41	10.88	0.81	2.76	2.98	3.6	12.2	13.2	98	3.77	A
	1.5+3.5+3.5+3.5	1.30	3.04	3.04	3.04	---	3.99	10.41	10.74	0.76	2.86	3.03	3.4	12.7	13.4	98	3.64	A
	1.5+3.5+3.5+4.2	1.23	2.87	2.87	3.44	---	4.18	10.41	10.75	0.81	2.86	3.03	3.6	12.7	13.4	98	3.64	A
	1.5+3.5+3.5+5.0	1.16	2.70	2.70	3.86	---	4.41	10.41	10.88	0.84	2.76	2.98	3.7	12.2	13.2	98	3.77	A
	1.5+3.5+3.5+6.0	1.08	2.51	2.51	4.31	---	4.69	10.41	11.11	0.85	2.61	2.89	3.8	11.6	12.8	98	3.99	A
	1.5+3.5+3.5+7.1	1.00	2.34	2.34	4.74	---	5.00	10.41	11.14	0.90	2.60	2.88	4.0	11.5	12.8	98	4.00	A
	1.5+3.5+4.2+4.2	1.17	2.72	3.26	3.26	---	4.38	10.41	10.76	0.83	2.86	3.02	3.7	12.7	13.4	98	3.64	A
	1.5+3.5+4.2+5.0	1.10	2.57	3.08	3.67	---	4.61	10.41	10.89	0.86	2.75	2.98	3.8	12.2	13.2	98	3.79	A
	1.5+3.5+4.2+6.0	1.03	2.40	2.88	4.11	---	4.89	10.41	11.12	0.87	2.61	2.89	3.9	11.6	12.8	98	3.99	A
	1.5+3.5+5.0+5.0	1.04	2.43	3.47	3.47	---	4.83	10.41	11.01	0.90	2.71	2.93	4.0	12.0	13.0	98	3.84	A
	1.5+4.2+4.2+4.2	1.11	3.10	3.10	3.10	---	4.58	10.41	10.77	0.89	2.85	3.02	3.9	12.6	13.4	98	3.65	A
	1.5+4.2+4.2+5.0	1.05	2.93	2.93	3.49	---	4.80	10.41	10.90	0.92	2.75	2.97	4.1	12.2	13.2	98	3.79	A
	2.0+2.0+2.0+2.0	2.32	2.32	2.32	2.32	---	2.86	9.28	10.18	0.57	2.39	2.76	2.5	10.6	12.2	98	3.88	A
	2.0+2.0+2.0+2.5	2.26	2.26	2.26	2.84	---	3.00	9.62	10.18	0.59	2.49	2.76	2.6	11.0	12.2	98	3.86	A
	2.0+2.0+2.0+3.5	2.17	2.17	2.17	3.80	---	3.28	10.31	10.73	0.63	2.81	3.04	2.8	12.5	13.5	98	3.67	A
	2.0+2.0+2.0+4.2	2.04	2.04	2.04	4.28	---	3.48	10.40	10.74	0.66	2.87	3.03	2.9	12.7	13.4	98	3.62	A
	2.0+2.0+2.0+5.0	1.89	1.89	1.89	4.73	---	3.70	10.40	10.86	0.68	2.76	2.99	3.0	12.2	13.3	98	3.77	A
	2.0+2.0+2.0+6.0	1.73	1.73	1.73	5.21	---	3.99	10.40	11.09	0.69	2.62	2.90	3.1	11.6	12.9	98	3.97	A
	2.0+2.0+2.0+7.1	1.59	1.59	1.59	5.63	---	4.30	10.40	11.12	0.74	2.61	2.88	3.3	11.6	12.8	98	3.98	A
	2.0+2.0+2.5+2.5	2.21	2.21	2.77	2.77	---	3.14	9.96	10.72	0.61	2.65	3.04	2.7	11.8	13.5	98	3.76	A
	2.0+2.0+2.5+3.5	2.08	2.08	2.60	3.64	---	3.42	10.40	10.73	0.66	2.87	3.04	2.9	12.7	13.5	98	3.62	A
	2.0+2.0+2.5+4.2	1.94	1.94	2.44	4.08	---	3.62	10.40	10.74	0.68	2.87	3.03	3.0	12.7	13.4	98	3.62	A
	2.0+2.0+2.5+5.0	1.81	1.81	2.26	4.52	---	3.84	10.40	10.86	0.71	2.76	2.99	3.1	12.2	13.3	98	3.77	A
	2.0+2.0+2.5+6.0	1.66	1.66	2.08	5.00	---	4.13	10.40	11.09	0.72	2.62	2.90	3.2	11.6	12.9	98	3.97	A
	2.0+2.0+2.5+7.1	1.53	1.53	1.91	5.43	---	4.44	10.40	11.12	0.79	2.61	2.88	3.5	11.6	12.8	98	3.98	A
	2.0+2.0+3.5+3.5	1.89	1.89	3.31	3.31	---	3.70	10.40	10.74	0.71	2.87	3.03	3.1	12.7	13.4	98	3.62	A
	2.0+2.0+3.5+4.2	1.78	1.78	3.11	3.73	---	3.90	10.40	10.74	0.76	2.86	3.03	3.4	12.7	13.4	98	3.64	A

Notes: 1. Cooling capacity is based on 27°CDB/19°CWB (Indoor temperature). 35°CDB (Outdoor temperature).
Heating capacity is based on 20°CDB (Indoor temperature). 7°CDB/6°CWB (Outdoor temperature).
2. The total ability of connected a indoor unit is up to 14.5kW.
3. It is impossible to connect the indoor unit for one room only.
4. The above is the value for connecting with the following indoor units.
1.5. 2.0. 2.5. 3.5 kW class; wall mounted K series
4.2. 5.0 kW class; wall mounted J series
6.0. 7.1 kW class; wall mounted G series

* This page contains preliminary data

HEATING

OUTDOOR UNIT	INDOOR UNIT	HEATING CAPACITY (kW)					TOTAL CAPACITY (kW)			POWER INPUT COOLING (kW)			TOTAL CURRENT (A)			POWER FACTOR (%)	COP	ENERGY LABEL
		A ROOM	B ROOM	C ROOM	D ROOM	E ROOM	Min.	Nom.	Max.	Min.	Nom.	Max.	Min.	Nom.	Max.			
5MXS90E2V3B	2.0+2.0+3.5+5.0	1.66	1.66	2.91	4.17	---	4.13	10.40	10.87	0.76	2.76	2.98	3.4	12.2	13.2	98	3.77	A
	2.0+2.0+3.5+6.0	1.54	1.54	2.70	4.62	---	4.41	10.40	11.10	0.77	2.61	2.89	3.4	11.6	12.8	98	3.98	A
	2.0+2.0+3.5+7.1	1.42	1.42	2.49	5.07	---	4.72	10.40	11.13	0.84	2.60	2.88	3.7	11.5	12.8	98	4.00	A
	2.0+2.0+4.2+4.2	1.68	1.68	3.52	3.52	---	4.10	10.40	10.75	0.78	2.86	3.03	3.5	12.7	13.4	98	3.64	A
	2.0+2.0+4.2+5.0	1.58	1.58	3.31	3.93	---	4.32	10.40	10.88	0.81	2.76	2.98	3.6	12.2	13.2	98	3.77	A
	2.0+2.0+4.2+6.0	1.46	1.46	3.09	4.39	---	4.61	10.40	11.11	0.82	2.61	2.89	3.6	11.6	12.8	98	3.98	A
	2.0+2.0+4.2+7.1	1.36	1.36	2.85	4.83	---	4.92	10.40	11.14	0.90	2.60	2.88	4.0	11.5	12.8	98	4.00	A
	2.0+2.0+5.0+5.0	1.49	1.49	3.71	3.71	---	4.55	10.40	11.01	0.84	2.71	2.93	3.7	12.0	13.0	98	3.84	A
	2.0+2.0+5.0+6.0	1.39	1.39	3.47	4.15	---	4.83	10.40	11.23	0.85	2.51	2.90	3.8	11.1	12.9	98	4.14	A
	2.0+2.5+2.5+2.5	2.18	2.71	2.71	2.71	---	3.28	10.31	10.72	0.64	2.82	3.04	2.8	12.5	13.5	98	3.66	A
	2.0+2.5+2.5+3.5	1.97	2.48	2.48	3.47	---	3.56	10.40	10.73	0.68	2.87	3.04	3.0	12.7	13.5	98	3.62	A
	2.0+2.5+2.5+4.2	1.86	2.32	2.32	3.90	---	3.76	10.40	10.74	0.73	2.87	3.03	3.2	12.7	13.4	98	3.62	A
	2.0+2.5+2.5+5.0	1.73	2.17	2.17	4.33	---	3.99	10.40	10.86	0.73	2.76	2.99	3.2	12.2	13.3	98	3.77	A
	2.0+2.5+2.5+6.0	1.60	2.00	2.00	4.80	---	4.27	10.40	11.09	0.74	2.62	2.90	3.3	11.6	12.9	98	3.97	A
	2.0+2.5+2.5+7.1	1.48	1.84	1.84	5.24	---	4.58	10.40	11.12	0.82	2.61	2.88	3.6	11.6	12.8	98	3.98	A
	2.0+2.5+3.5+3.5	1.80	2.26	3.17	3.17	---	3.84	10.40	10.74	0.73	2.87	3.03	3.2	12.7	13.4	98	3.62	A
	2.0+2.5+3.5+4.2	1.71	2.13	2.98	3.58	---	4.04	10.40	10.74	0.78	2.86	3.03	3.5	12.7	13.4	98	3.64	A
	2.0+2.5+3.5+5.0	1.60	2.00	2.80	4.00	---	4.27	10.40	10.87	0.78	2.76	2.98	3.5	12.2	13.2	98	3.77	A
	2.0+2.5+3.5+6.0	1.48	1.86	2.60	4.46	---	4.55	10.40	11.10	0.82	2.61	2.89	3.6	11.6	12.8	98	3.98	A
	2.0+2.5+3.5+7.1	1.38	1.72	2.41	4.89	---	4.86	10.40	11.13	0.87	2.60	2.88	3.9	11.5	12.8	98	4.00	A
	2.0+2.5+4.2+4.2	1.61	2.01	3.39	3.39	---	4.24	10.40	10.75	0.81	2.86	3.03	3.6	12.7	13.4	98	3.64	A
	2.0+2.5+4.2+5.0	1.52	1.90	3.19	3.79	---	4.46	10.40	10.88	0.84	2.76	2.98	3.7	12.2	13.2	98	3.77	A
	2.0+2.5+4.2+6.0	1.42	1.77	2.97	4.24	---	4.75	10.40	11.11	0.85	2.61	2.89	3.8	11.6	12.8	98	3.98	A
	2.0+2.5+5.0+5.0	1.43	1.79	3.59	3.59	---	4.69	10.40	11.01	0.87	2.71	2.93	3.9	12.0	13.0	98	3.84	A
	2.0+2.5+5.0+6.0	1.34	1.68	3.35	4.03	---	4.97	10.40	11.23	0.88	2.51	2.90	3.9	11.1	12.9	98	4.14	A
	2.0+3.5+3.5+3.5	1.67	2.91	2.91	2.91	---	4.13	10.40	10.74	0.78	2.86	3.03	3.5	12.7	13.4	98	3.64	A
	2.0+3.5+3.5+4.2	1.58	2.76	2.76	3.30	---	4.32	10.40	10.75	0.84	2.86	3.03	3.7	12.7	13.4	98	3.64	A
	2.0+3.5+3.5+5.0	1.49	2.60	2.60	3.71	---	4.55	10.40	10.88	0.87	2.76	2.98	3.9	12.2	13.2	98	3.77	A
	2.0+3.5+3.5+6.0	1.38	2.43	2.43	4.16	---	4.83	10.40	11.11	0.87	2.61	2.89	3.9	11.6	12.8	98	3.98	A
	2.0+3.5+4.2+4.2	1.50	2.62	3.14	3.14	---	4.52	10.40	10.76	0.89	2.86	3.02	3.9	12.7	13.4	98	3.64	A
	2.0+3.5+4.2+5.0	1.41	2.48	2.97	3.54	---	4.75	10.40	10.89	0.89	2.75	2.98	3.9	12.2	13.2	98	3.78	A
	2.0+3.5+5.0+5.0	1.35	2.35	3.35	3.35	---	4.97	10.40	11.01	0.92	2.65	2.93	4.1	11.8	13.0	98	3.92	A
	2.0+4.2+4.2+4.2	1.43	2.99	2.99	2.99	---	4.72	10.40	10.77	0.92	2.85	3.02	4.1	12.6	13.4	98	3.65	A
	2.0+4.2+4.2+5.0	1.35	2.84	2.84	3.37	---	4.94	10.40	10.90	0.95	2.75	2.97	4.2	12.2	13.2	98	3.78	A
	2.5+2.5+2.5+2.5	2.60	2.60	2.60	2.60	---	3.42	10.40	10.72	0.66	2.87	3.04	2.9	12.7	13.5	98	3.62	A
	2.5+2.5+2.5+3.5	2.36	2.36	2.36	3.32	---	3.70	10.40	10.73	0.71	2.87	3.04	3.1	12.7	13.5	98	3.62	A
	2.5+2.5+2.5+4.2	2.22	2.22	2.22	3.74	---	3.90	10.40	10.74	0.76	2.87	3.03	3.4	12.7	13.4	98	3.62	A
	2.5+2.5+2.5+5.0	2.08	2.08	2.08	4.16	---	4.13	10.40	10.86	0.76	2.76	2.99	3.4	12.2	13.3	98	3.77	A
	2.5+2.5+2.5+6.0	1.93	1.93	1.93	4.61	---	4.41	10.40	11.09	0.77	2.62	2.90	3.4	11.6	12.9	98	3.97	A
	2.5+2.5+2.5+7.1	1.78	1.78	1.78	5.06	---	4.72	10.40	11.12	0.84	2.61	2.88	3.7	11.6	12.8	98	3.98	A
	2.5+2.5+3.5+3.5	2.17	2.17	3.03	3.03	---	3.99	10.40	10.74	0.76	2.87	3.03	3.4	12.7	13.4	98	3.62	A
	2.5+2.5+3.5+4.2	2.05	2.05	2.87	3.43	---	4.18	10.40	10.74	0.81	2.86	3.03	3.6	12.7	13.4	98	3.64	A
	2.5+2.5+3.5+5.0	1.93	1.93	2.70	3.84	---	4.41	10.40	10.87	0.84	2.76	2.98	3.7	12.2	13.2	98	3.77	A
	2.5+2.5+3.5+6.0	1.79	1.79	2.51	4.31	---	4.69	10.40	11.10	0.85	2.61	2.89	3.8	11.6	12.8	98	3.98	A
	2.5+2.5+3.5+7.1	1.67	1.67	2.33	4.73	---	5.00	10.40	11.13	0.90	2.60	2.88	4.0	11.5	12.8	98	4.00	A
	2.5+2.5+4.2+4.2	1.94	1.94	3.26	3.26	---	4.38	10.40	10.75	0.84	2.86	3.03	3.7	12.7	13.4	98	3.64	A
	2.5+2.5+4.2+5.0	1.83	1.83	3.08	3.66	---	4.61	10.40	10.88	0.87	2.76	2.98	3.9	12.2	13.2	98	3.77	A
	2.5+2.5+4.2+6.0	1.71	1.71	2.87	4.11	---	4.89	10.40	11.11	0.87	2.61	2.89	3.9	11.6	12.8	98	3.98	A
	2.5+2.5+5.0+5.0	1.73	1.73	3.47	3.47	---	4.83	10.40	11.01	0.90	2.71	2.93	4.0	12.0	13.0	98	3.84	A
	2.5+3.5+3.5+3.5	2.00	2.80	2.80	2.80	---	4.27	10.40	10.74	0.84	2.86	3.03	3.7	12.7	13.4	98	3.64	A
	2.5+3.5+3.5+4.2	1.90	2.66	2.66	3.18	---	4.46	10.40	10.75	0.86	2.86	3.03	3.8	12.7	13.4	98	3.64	A
	2.5+3.5+3.5+5.0	1.79	2.51	2.51	3.59	---	4.69	10.40	10.88	0.89	2.76	2.98	3.9	12.2	13.2	98	3.77	A
	2.5+3.5+3.5+6.0	1.67	2.35	2.35	4.03	---	4.97	10.40	11.11	0.90	2.61	2.89	4.0	11.6	12.8	98	3.98	A
	2.5+3.5+4.2+4.2	1.81	2.53	3.03	3.03	---	4.66	10.40	10.76	0.92	2.86	3.02	4.1	12.7	13.4	98	3.64	A
	2.5+3.5+4.2+5.0	1.72	2.39	2.87	3.42	---	4.89	10.40	10.89	0.92	2.75	2.98	4.1	12.2	13.2	98	3.78	A
	2.5+4.2+4.2+4.2	1.73	2.89	2.89	2.89	---	4.86	10.40	10.77	0.95	2.85	3.02	4.2	12.6	13.4	98	3.65	A
	3.5+3.5+3.5+3.5	2.60	2.60	2.60	2.60	---	4.55	10.40	10.75	0.89	2.86	3.03	3.9	12.7	13.4	98	3.64	A
	3.5+3.5+3.5+4.2	2.48	2.48	2.48	2.96	---	4.75	10.40	10.76	0.92	2.86	3.02	4.1	12.7	13.4	98	3.64	A
	3.5+3.5+3.5+5.0	2.35	2.35	2.35	3.35	---	4.97	10.40	10.89	0.95	2.76	2.98	4.2	12.2	13.2	98	3.77	A
	3.5+3.5+4.2+4.2	2.36	2.36	2.84	2.84	---	4.94	10.40	10.77	0.98	2.85	3.02	4.3	12.6	13.4	98	3.65	A
	1.5+1.5+1.5+1.5+1.5	1.79	1.79	1.79	1.79	1.79	2.72	8.93	10.48	0.45	2.12	2.68	2.0	9.4	11.9	98	4.21	A
	1.5+1.5+1.5+1.5+2.0	1.74	1.74	1.74	1.74	2.32	2.86	9.27	10.48	0.47	2.21	2.68	2.1	9.8	11.9	98	4.19	A
	1.5+1.5+1.5+1.5+2.5	1.70	1.70	1.70	1.70	2.83	3.00	9.62	10.48	0.51	2.31	2.68	2.3	10.2	11.9	98	4.16	A
	1.5+1.5+1.5+1.5+3.5	1.63	1.63	1.63	1.63	3.80	3.28	10.31	11.11	0.55	2.56	2.89	2.4	11.4	12.8	98	4.03	A
	1.5+1.5+1.5+1.5+4.2	1.53	1.53	1.53	1.53	4.28	3.48	10.40	11.11	0.59	2.61	2.89	2.6	11.6	12.8	98	3.98	A
	1.5+1.5+1.5+1.5+5.0	1.42	1.42	1.42	1.42	4.73	3.70	10.40	11.24	0.60	2.51	2.90	2.7	11.1	12.9	98	4.14	A
	1.5+1.5+1.5+1.5+6.0	1.30	1.30	1.30	1.30	5.20	3.99	10.40	11.47	0.60	2.38	2.81	2.7	10.6	12.5	98	4.37	A
	1.5+1.5+1.5+1.5+7.1	1.19	1.19	1.19	1.19	5.64	4.30	10.40	11.50	0.66	2.36	2.79	2.9	10.5	12.4	98	4.41	A
	1.5+1.5+1.5+2.0+2.0	1.70	1.70	1.70	2.26	2.26	3.00	9.62	10.48	0.51	2.31	2.68	2.3	10.2	11.9	98	4.16	A
	1.5+1.5+1.5+2.0+2.5	1.66	1.66	1.66	2.21	2.77	3.14	9.96	11.10	0.53	2.46	2.89	2.4	10.9	12.8	98	4.05	A
	1.5+1.5+1.5+2.0+3.5	1.56	1.56	1.56	2.08	3.64	3.42	10.40	11.11	0.57	2.61	2.89	2.5	11.6	12.8	98	3.98	A
	1.5+1.5+1.5+2.0+4.2	1.46	1.46	1.46	1.94	4.08	3.62	10.40	11.11	0.62	2.61	2.89	2.8	11.6	12.8	98	3.98	A
	1.5+1.5+1.5+2.0+5.0	1.36	1.36	1.36	1.81	4.52	3.84	10.40	11.24	0.62	2.51	2.90	2.8	11.1	12.9	98	4.14	A
	1.5+1.5+1.5+2.0+6.0	1.25	1.25	1.25	1.66	4.99	4.13	10.40	11.47	0.65	2.38	2.81	2.9	10.6	12.5	98	4.37	A
	1.5+1.5+1.5+2.0+7.1	1.15	1.15	1.15	1.53	5.43	4.44	10.40	11.50	0.69	2.36	2.79	3.1	10.5	12.4	98	4.41	A
	1.5+1.5+1.5+2.5+2.5	1.63	1.63	1.63	2.71	2.71	3.28	10.31	11.10	0.55	2.56	2.89	2.4	11.4	12.8	98	4.03	A
	1.5+1.5+1.5+2.5+3.5	1.49	1.49	1.49	2.48	3.47	3.56	10.40	11.11	0.60	2.61	2.89	2.7	11.6	12.8	98	3.98	A
	1.5+1.5+1.5+2.5+4.2	1.39	1.39	1.39	2.32	3.90	3.76	10.40	11.11	0.64	2.61	2.89	2.8	11.6	12.8	98	3.98	A
	1.5+1.5+1.5+2.5+5.0	1.30	1.30	1.30	2.17	4.33	3.99	10.40	11.24	0.66	2.51	2.90	2.9	11.1	12.9	98	4.14	A
	1.5+1.5+1.5+2.5+6.0	1.20	1.20	1.20	2.00	4.80	4.27	10.40	11.47	0.67	2.38	2.81	3.0	10.6	12.5	98	4.37	A
	1.5+1.5+1.5+2.5+7.1	1.11	1.11	1.11	1.84	5.24	4.58	10.40	11.50	0.71	2.36	2.79	3.1	10.5	12.4	98	4.41	A
	1.5+1.5+1.5+3.5+3.5	1.36	1.36	1.36	3.17	3.17	3.84	10.40	11.11	0.66	2.61	2.89	2.9	11.6	12.8	98	3.98	A
	1.5+1.5+1.5+3.5+4.2	1.28	1.28	1.28	2.98	3.58	4.04	10.40	11.12	0.69	2.61	2.89	3.1	11.6	12.8	98	3.98	A

Notes: 1. Cooling capacity is based on 27°CDB/19°CWB (Indoor temperature). 35°CDB (Outdoor temperature).
Heating capacity is based on 20°CDB (Indoor temperature). 7°CDB/6°CWB (Outdoor temperature).
2. The total ability of connected a indoor unit is up to 14.5kW.
3. It is impossible to connect the indoor unit for one room only.
4. The above is the value for connecting with the following indoor units.
1.5. 2.0. 2.5. 3.5 kW class; wall mounted K series
4.2. 5.0 kW class; wall mounted J series
6.0. 7.1 kW class; wall mounted G series

* This page contains preliminary data

HEATING

OUTDOOR UNIT	INDOOR UNIT	HEATING CAPACITY (kW)					TOTAL CAPACITY (kW)			POWER INPUT COOLING (kW)			TOTAL CURRENT (A)			POWER FACTOR (%)	COP	ENERGY LABEL
		A ROOM	B ROOM	C ROOM	D ROOM	E ROOM	Min.	Nom.	Max.	Min.	Nom.	Max.	Min.	Nom.	Max.			
5MXS90E2V3B	1.5+1.5+1.5+3.5+5.0	1.20	1.20	1.20	2.80	4.00	4.27	10.40	11.25	0.71	2.51	2.89	3.1	11.1	12.8	98	4.14	A
	1.5+1.5+1.5+3.5+6.0	1.11	1.11	1.11	2.60	4.46	4.55	10.40	11.48	0.72	2.37	2.80	3.2	10.5	12.4	98	4.39	A
	1.5+1.5+1.5+3.5+7.1	1.03	1.03	1.03	2.41	4.89	4.86	10.40	11.51	0.79	2.36	2.79	3.5	10.5	12.4	98	4.41	A
	1.5+1.5+1.5+4.2+4.2	1.21	1.21	1.21	3.39	3.39	4.24	10.40	11.13	0.73	2.60	2.88	3.2	11.5	12.8	98	4.00	A
	1.5+1.5+1.5+4.2+5.0	1.14	1.14	1.14	3.19	3.80	4.46	10.40	11.26	0.76	2.50	2.89	3.4	11.1	12.8	98	4.16	A
	1.5+1.5+1.5+4.2+6.0	1.06	1.06	1.06	2.97	4.24	4.75	10.40	11.49	0.77	2.37	2.80	3.4	10.5	12.4	98	4.39	A
	1.5+1.5+1.5+5.0+5.0	1.08	1.08	1.08	3.59	3.59	4.69	10.40	11.38	0.76	2.46	2.84	3.4	10.9	12.6	98	4.23	A
	1.5+1.5+1.5+5.0+6.0	1.01	1.01	1.01	3.35	4.03	4.97	10.40	11.61	0.79	2.32	2.75	3.5	10.3	12.2	98	4.48	A
	1.5+1.5+2.0+2.0+2.0	1.66	1.66	2.21	2.21	2.21	3.14	9.96	11.10	0.53	2.46	2.89	2.4	10.9	12.8	98	4.05	A
	1.5+1.5+2.0+2.0+2.5	1.63	1.63	2.17	2.17	2.71	3.28	10.31	11.10	0.55	2.56	2.89	2.4	11.4	12.8	98	4.03	A
	1.5+1.5+2.0+2.0+3.5	1.49	1.49	1.98	1.98	3.47	3.56	10.40	11.11	0.60	2.61	2.89	2.7	11.6	12.8	98	3.98	A
	1.5+1.5+2.0+2.0+4.2	1.39	1.39	1.86	1.86	3.90	3.76	10.40	11.11	0.64	2.61	2.89	2.8	11.6	12.8	98	3.98	A
	1.5+1.5+2.0+2.0+5.0	1.30	1.30	1.73	1.73	4.33	3.99	10.40	11.24	0.66	2.51	2.90	2.9	11.1	12.9	98	4.14	A
	1.5+1.5+2.0+2.0+6.0	1.20	1.20	1.60	1.60	4.80	4.27	10.40	11.47	0.67	2.38	2.81	3.0	10.6	12.5	98	4.37	A
	1.5+1.5+2.0+2.0+7.1	1.11	1.11	1.48	1.48	5.24	4.58	10.40	11.50	0.71	2.36	2.79	3.1	10.5	12.4	98	4.41	A
	1.5+1.5+2.0+2.5+2.5	1.56	1.56	2.08	2.60	2.60	3.42	10.40	11.10	0.58	2.62	2.89	2.6	11.6	12.8	98	3.97	A
	1.5+1.5+2.0+2.5+3.5	1.42	1.42	1.89	2.36	3.31	3.70	10.40	11.11	0.62	2.61	2.89	2.8	11.6	12.8	98	3.98	A
	1.5+1.5+2.0+2.5+4.2	1.33	1.33	1.78	2.22	3.73	3.90	10.40	11.11	0.66	2.61	2.89	2.9	11.6	12.8	98	3.98	A
	1.5+1.5+2.0+2.5+5.0	1.25	1.25	1.66	2.08	4.16	4.13	10.40	11.24	0.69	2.51	2.90	3.1	11.1	12.9	98	4.14	A
	1.5+1.5+2.0+2.5+6.0	1.16	1.16	1.54	1.93	4.62	4.41	10.40	11.47	0.69	2.38	2.81	3.1	10.6	12.5	98	4.37	A
	1.5+1.5+2.0+2.5+7.1	1.07	1.07	1.42	1.78	5.06	4.72	10.40	11.50	0.76	2.36	2.79	3.4	10.5	12.4	98	4.41	A
	1.5+1.5+2.0+3.5+3.5	1.30	1.30	1.73	3.03	3.03	3.99	10.40	11.11	0.69	2.61	2.89	3.1	11.6	12.8	98	3.98	A
	1.5+1.5+2.0+3.5+4.2	1.23	1.23	1.64	2.87	3.44	4.18	10.40	11.12	0.71	2.61	2.89	3.1	11.6	12.8	98	3.98	A
	1.5+1.5+2.0+3.5+5.0	1.16	1.16	1.54	2.70	3.85	4.41	10.40	11.25	0.74	2.51	2.89	3.3	11.1	12.8	98	4.14	A
	1.5+1.5+2.0+3.5+6.0	1.08	1.08	1.43	2.51	4.30	4.69	10.40	11.48	0.74	2.37	2.80	3.3	10.5	12.4	98	4.39	A
	1.5+1.5+2.0+3.5+7.1	1.00	1.00	1.33	2.33	4.73	5.00	10.40	11.51	0.81	2.36	2.79	3.6	10.5	12.4	98	4.41	A
	1.5+1.5+2.0+4.2+4.2	1.16	1.16	1.55	3.26	3.26	4.38	10.40	11.13	0.76	2.60	2.88	3.4	11.5	12.8	98	4.00	A
	1.5+1.5+2.0+4.2+5.0	1.10	1.10	1.46	3.08	3.66	4.61	10.40	11.26	0.79	2.50	2.89	3.5	11.1	12.8	98	4.16	A
	1.5+1.5+2.0+4.2+6.0	1.03	1.03	1.37	2.87	4.11	4.89	10.40	11.49	0.79	2.37	2.80	3.5	10.5	12.4	98	4.39	A
	1.5+1.5+2.0+5.0+5.0	1.04	1.04	1.39	3.47	3.47	4.83	10.40	11.38	0.82	2.46	2.84	3.6	10.9	12.6	98	4.23	A
	1.5+1.5+2.5+2.5+2.5	1.49	1.49	2.48	2.48	2.48	3.56	10.40	11.10	0.60	2.62	2.89	2.7	11.6	12.8	98	3.97	A
	1.5+1.5+2.5+2.5+3.5	1.36	1.36	2.26	2.26	3.17	3.84	10.40	11.11	0.67	2.61	2.89	3.0	11.6	12.8	98	3.98	A
	1.5+1.5+2.5+2.5+4.2	1.28	1.28	2.13	2.13	3.58	4.04	10.40	11.11	0.69	2.61	2.89	3.1	11.6	12.8	98	3.98	A
	1.5+1.5+2.5+2.5+5.0	1.20	1.20	2.00	2.00	4.00	4.27	10.40	11.24	0.71	2.51	2.90	3.1	11.1	12.9	98	4.14	A
	1.5+1.5+2.5+2.5+6.0	1.11	1.11	1.86	1.86	4.46	4.55	10.40	11.47	0.72	2.38	2.81	3.2	10.6	12.5	98	4.37	A
	1.5+1.5+2.5+2.5+7.1	1.03	1.03	1.72	1.72	4.89	4.86	10.40	11.50	0.79	2.36	2.79	3.5	10.5	12.4	98	4.41	A
	1.5+1.5+2.5+3.5+3.5	1.25	1.25	2.08	2.91	2.91	4.13	10.40	11.11	0.71	2.61	2.89	3.1	11.6	12.8	98	3.98	A
	1.5+1.5+2.5+3.5+4.2	1.18	1.18	1.97	2.76	3.31	4.32	10.40	11.12	0.76	2.61	2.89	3.4	11.6	12.8	98	3.98	A
	1.5+1.5+2.5+3.5+5.0	1.11	1.11	1.86	2.60	3.71	4.55	10.40	11.25	0.76	2.51	2.89	3.4	11.1	12.8	98	4.14	A
	1.5+1.5+2.5+3.5+6.0	1.04	1.04	1.73	2.43	4.16	4.83	10.40	11.48	0.79	2.37	2.80	3.5	10.5	12.4	98	4.39	A
	1.5+1.5+2.5+4.2+4.2	1.12	1.12	1.87	3.14	3.14	4.52	10.40	11.13	0.79	2.60	2.88	3.5	11.5	12.8	98	4.00	A
	1.5+1.5+2.5+4.2+5.0	1.06	1.06	1.77	2.97	3.54	4.75	10.40	11.26	0.82	2.50	2.89	3.6	11.1	12.8	98	4.16	A
	1.5+1.5+2.5+5.0+5.0	1.01	1.01	1.68	3.35	3.35	4.97	10.40	11.38	0.84	2.46	2.84	3.7	10.9	12.6	98	4.23	A
	1.5+1.5+3.5+3.5+3.5	1.16	1.16	2.70	2.70	2.70	4.41	10.40	11.12	0.76	2.61	2.89	3.4	11.6	12.8	98	3.98	A
	1.5+1.5+3.5+3.5+4.2	1.10	1.10	2.56	2.56	3.08	4.61	10.40	11.13	0.81	2.60	2.88	3.6	11.5	12.8	98	4.00	A
	1.5+1.5+3.5+3.5+5.0	1.04	1.04	2.43	2.43	3.47	4.83	10.40	11.26	0.84	2.50	2.89	3.7	11.1	12.8	98	4.16	A
	1.5+1.5+3.5+4.2+4.2	1.05	1.05	2.44	2.93	2.93	4.80	10.40	11.14	0.87	2.60	2.88	3.9	11.5	12.8	98	4.00	A
	1.5+2.0+2.0+2.0+2.0	1.63	2.17	2.17	2.17	2.17	3.28	10.31	11.10	0.55	2.56	2.89	2.4	11.4	12.8	98	4.03	A
	1.5+2.0+2.0+2.0+2.5	1.56	2.08	2.08	2.08	2.60	3.42	10.40	11.10	0.58	2.62	2.89	2.6	11.6	12.8	98	3.97	A
	1.5+2.0+2.0+2.0+3.5	1.42	1.89	1.89	1.89	3.31	3.70	10.40	11.11	0.62	2.61	2.89	2.8	11.6	12.8	98	3.98	A
	1.5+2.0+2.0+2.0+4.2	1.33	1.78	1.78	1.78	3.73	3.90	10.40	11.11	0.66	2.61	2.89	2.9	11.6	12.8	98	3.98	A
	1.5+2.0+2.0+2.0+5.0	1.25	1.66	1.66	1.66	4.16	4.13	10.40	11.24	0.69	2.51	2.90	3.1	11.1	12.9	98	4.14	A
	1.5+2.0+2.0+2.0+6.0	1.16	1.54	1.54	1.54	4.62	4.41	10.40	11.47	0.69	2.38	2.81	3.1	10.6	12.5	98	4.37	A
	1.5+2.0+2.0+2.0+7.1	1.07	1.42	1.42	1.42	5.06	4.72	10.40	11.50	0.76	2.36	2.79	3.4	10.5	12.4	98	4.41	A
	1.5+2.0+2.0+2.5+2.5	1.49	1.98	1.98	2.48	2.48	3.56	10.40	11.10	0.60	2.62	2.89	2.7	11.6	12.8	98	3.97	A
	1.5+2.0+2.0+2.5+3.5	1.36	1.81	1.81	2.26	3.17	3.84	10.40	11.11	0.67	2.61	2.89	3.0	11.6	12.8	98	3.98	A
	1.5+2.0+2.0+2.5+4.2	1.28	1.70	1.70	2.13	3.58	4.04	10.40	11.11	0.69	2.61	2.89	3.1	11.6	12.8	98	3.98	A
	1.5+2.0+2.0+2.5+5.0	1.20	1.60	1.60	2.00	4.00	4.27	10.40	11.24	0.71	2.51	2.90	3.1	11.1	12.9	98	4.14	A
	1.5+2.0+2.0+2.5+6.0	1.11	1.49	1.49	1.86	4.46	4.55	10.40	11.47	0.72	2.38	2.81	3.2	10.6	12.5	98	4.37	A
	1.5+2.0+2.0+2.5+7.1	1.03	1.38	1.38	1.72	4.89	4.86	10.40	11.50	0.79	2.36	2.79	3.5	10.5	12.4	98	4.41	A
	1.5+2.0+2.0+3.5+3.5	1.25	1.66	1.66	2.91	2.91	4.13	10.40	11.11	0.71	2.61	2.89	3.1	11.6	12.8	98	3.98	A
	1.5+2.0+2.0+3.5+4.2	1.18	1.58	1.58	2.76	3.31	4.32	10.40	11.12	0.76	2.61	2.89	3.4	11.6	12.8	98	3.98	A
	1.5+2.0+2.0+3.5+5.0	1.11	1.49	1.49	2.60	3.71	4.55	10.40	11.25	0.76	2.51	2.89	3.4	11.1	12.8	98	4.14	A
	1.5+2.0+2.0+3.5+6.0	1.04	1.39	1.39	2.43	4.16	4.83	10.40	11.48	0.79	2.37	2.80	3.5	10.5	12.4	98	4.39	A
	1.5+2.0+2.0+4.2+4.2	1.12	1.50	1.50	3.14	3.14	4.52	10.40	11.13	0.79	2.60	2.88	3.5	11.5	12.8	98	4.00	A
	1.5+2.0+2.0+4.2+5.0	1.06	1.41	1.41	2.97	3.54	4.75	10.40	11.26	0.82	2.50	2.89	3.6	11.1	12.8	98	4.16	A
	1.5+2.0+2.0+5.0+5.0	1.01	1.34	1.34	3.35	3.35	4.97	10.40	11.38	0.84	2.46	2.84	3.7	10.9	12.6	98	4.23	A
	1.5+2.0+2.5+2.5+2.5	1.42	1.89	2.36	2.36	2.36	3.70	10.40	11.10	0.62	2.62	2.89	2.8	11.6	12.8	98	3.97	A
	1.5+2.0+2.5+2.5+3.5	1.30	1.73	2.17	2.17	3.03	3.99	10.40	11.11	0.69	2.61	2.89	3.1	11.6	12.8	98	3.98	A
	1.5+2.0+2.5+2.5+4.2	1.23	1.64	2.05	2.05	3.44	4.18	10.40	11.11	0.71	2.61	2.89	3.1	11.6	12.8	98	3.98	A
	1.5+2.0+2.5+2.5+5.0	1.16	1.54	1.93	1.93	3.85	4.41	10.40	11.24	0.74	2.51	2.90	3.3	11.1	12.9	98	4.14	A
	1.5+2.0+2.5+2.5+6.0	1.08	1.43	1.79	1.79	4.30	4.69	10.40	11.47	0.74	2.38	2.81	3.3	10.6	12.5	98	4.37	A
	1.5+2.0+2.5+2.5+7.1	1.00	1.33	1.67	1.67	4.73	5.00	10.40	11.50	0.82	2.36	2.79	3.6	10.5	12.4	98	4.41	A
	1.5+2.0+2.5+3.5+3.5	1.20	1.60	2.00	2.80	2.80	4.27	10.40	11.11	0.74	2.61	2.89	3.3	11.6	12.8	98	3.98	A
	1.5+2.0+2.5+3.5+4.2	1.14	1.52	1.90	2.66	3.19	4.46	10.40	11.12	0.79	2.61	2.89	3.5	11.6	12.8	98	3.98	A
	1.5+2.0+2.5+3.5+5.0	1.08	1.43	1.79	2.51	3.59	4.69	10.40	11.25	0.82	2.51	2.89	3.6	11.1	12.8	98	4.14	A
	1.5+2.0+2.5+3.5+6.0	1.01	1.34	1.68	2.35	4.03	4.97	10.40	11.48	0.82	2.37	2.80	3.6	10.5	12.4	98	4.39	A
	1.5+2.0+2.5+4.2+4.2	1.08	1.44	1.81	3.03	3.03	4.66	10.40	11.13	0.81	2.60	2.88	3.6	11.5	12.8	98	4.00	A
	1.5+2.0+2.5+4.2+5.0	1.03	1.37	1.71	2.87	3.42	4.89	10.40	11.26	0.84	2.50	2.89	3.7	11.1	12.8	98	4.16	A
	1.5+2.0+3.5+3.5+3.5	1.11	1.49	2.60	2.60	2.60	4.55	10.40	11.12	0.82	2.61	2.89	3.6	11.6	12.8	98	3.98	A
	1.5+2.0+3.5+3.5+4.2	1.06	1.41	2.48	2.48	2.97	4.75	10.40	11.13	0.84	2.60	2.88	3.7	11.5	12.8	98	4.00	A
	1.5+2.0+3.5+3.5+5.0	1.01	1.34	2.35	2.35	3.35	4.97	10.40	11.26	0.87	2.50	2.89	3.9	11.1	12.8	98	4.16	A
	1.5+2.0+3.5+4.2+4.2	1.01	1.35	2.36	2.84	2.84	4.94	10.40	11.14	0.90	2.60	2.88	4.0	11.5	12.8	98	4.00	A

Notes: 1. Cooling capacity is based on 27°CDB/19°CWB (Indoor temperature). 35°CDB (Outdoor temperature).
Heating capacity is based on 20°CDB (Indoor temperature). 7°CDB/6°CWB (Outdoor temperature).
2. The total ability of connected a indoor unit is up to 14.5kW.
3. It is impossible to connect the indoor unit for one room only.
4. The above is the value for connecting with the following indoor units.
1.5. 2.0. 2.5. 3.5 kW class; wall mounted K series
4.2. 5.0 kW class; wall mounted J series
6.0. 7.1 kW class; wall mounted G series

* This page contains preliminary data

HEATING

OUTDOOR UNIT	INDOOR UNIT	HEATING CAPACITY (kW)					TOTAL CAPACITY (kW)			POWER INPUT COOLING (kW)			TOTAL CURRENT (A)			POWER FACTOR (%)	COP	ENERGY LABEL
		A ROOM	B ROOM	C ROOM	D ROOM	E ROOM	Min.	Nom.	Max.	Min.	Nom.	Max.	Min.	Nom.	Max.			
5MXS90E2V3B	1.5+2.5+2.5+2.5+2.5	1.36	2.26	2.26	2.26	2.26	3.84	10.40	11.10	0.67	2.62	2.89	3.0	11.6	12.8	98	3.97	A
	1.5+2.5+2.5+2.5+3.5	1.25	2.08	2.08	2.08	2.91	4.13	10.40	11.11	0.71	2.61	2.89	3.1	11.6	12.8	98	3.98	A
	1.5+2.5+2.5+2.5+4.2	1.18	1.97	1.97	1.97	3.31	4.32	10.40	11.11	0.76	2.61	2.89	3.4	11.6	12.8	98	3.98	A
	1.5+2.5+2.5+2.5+5.0	1.11	1.86	1.86	1.86	3.71	4.55	10.40	11.24	0.76	2.51	2.90	3.4	11.1	12.9	98	4.14	A
	1.5+2.5+2.5+2.5+6.0	1.04	1.73	1.73	1.73	4.16	4.83	10.40	11.47	0.80	2.38	2.81	3.5	10.6	12.5	98	4.37	A
	1.5+2.5+2.5+3.5+3.5	1.16	1.93	1.93	2.70	2.70	4.41	10.40	11.11	0.76	2.61	2.89	3.4	11.6	12.8	98	3.98	A
	1.5+2.5+2.5+3.5+4.2	1.10	1.83	1.83	2.56	3.08	4.61	10.40	11.12	0.82	2.61	2.89	3.6	11.6	12.8	98	3.98	A
	1.5+2.5+2.5+3.5+5.0	1.04	1.73	1.73	2.43	3.47	4.83	10.40	11.25	0.84	2.51	2.89	3.7	11.1	12.8	98	4.14	A
	1.5+2.5+2.5+4.2+4.2	1.05	1.74	1.74	2.93	2.93	4.80	10.40	11.13	0.87	2.60	2.88	3.9	11.5	12.8	98	4.00	A
	1.5+2.5+3.5+3.5+3.5	1.08	1.79	2.51	2.51	2.51	4.69	10.40	11.12	0.84	2.61	2.89	3.7	11.6	12.8	98	3.98	A
	1.5+2.5+3.5+3.5+4.2	1.03	1.71	2.39	2.39	2.87	4.89	10.40	11.13	0.87	2.60	2.88	3.9	11.5	12.8	98	4.00	A
	1.5+3.5+3.5+3.5+3.5	1.01	2.35	2.35	2.35	2.35	4.97	10.40	11.13	0.90	2.60	2.88	4.0	11.5	12.8	98	4.00	A
	2.0+2.0+2.0+2.0+2.0	2.08	2.08	2.08	2.08	2.08	3.42	10.40	11.10	0.58	2.62	2.89	2.6	11.6	12.8	98	3.97	A
	2.0+2.0+2.0+2.0+2.5	1.98	1.98	1.98	1.98	2.48	3.56	10.40	11.10	0.60	2.62	2.89	2.7	11.6	12.8	98	3.97	A
	2.0+2.0+2.0+2.0+3.5	1.81	1.81	1.81	1.81	3.16	3.84	10.40	11.11	0.67	2.61	2.89	3.0	11.6	12.8	98	3.98	A
	2.0+2.0+2.0+2.0+4.2	1.70	1.70	1.70	1.70	3.60	4.04	10.40	11.11	0.69	2.61	2.89	3.1	11.6	12.8	98	3.98	A
	2.0+2.0+2.0+2.0+5.0	1.60	1.60	1.60	1.60	4.00	4.27	10.40	11.24	0.71	2.51	2.90	3.1	11.1	12.9	98	4.14	A
	2.0+2.0+2.0+2.0+6.0	1.49	1.49	1.49	1.49	4.44	4.55	10.40	11.47	0.72	2.38	2.81	3.2	10.6	12.5	98	4.37	A
	2.0+2.0+2.0+2.0+7.1	1.38	1.38	1.38	1.38	4.88	4.86	10.40	11.50	0.79	2.36	2.79	3.5	10.5	12.4	98	4.41	A
	2.0+2.0+2.0+2.5+2.5	1.90	1.90	1.90	2.35	2.35	3.70	10.40	11.10	0.62	2.62	2.89	2.8	11.6	12.8	98	3.97	A
	2.0+2.0+2.0+2.5+3.5	1.73	1.73	1.73	2.17	3.04	3.99	10.40	11.11	0.69	2.61	2.89	3.1	11.6	12.8	98	3.98	A
	2.0+2.0+2.0+2.5+4.2	1.64	1.64	1.64	2.05	3.43	4.18	10.40	11.11	0.71	2.61	2.89	3.1	11.6	12.8	98	3.98	A
	2.0+2.0+2.0+2.5+5.0	1.54	1.54	1.54	1.93	3.85	4.41	10.40	11.24	0.74	2.51	2.90	3.3	11.1	12.9	98	4.14	A
	2.0+2.0+2.0+2.5+6.0	1.43	1.43	1.43	1.80	4.31	4.69	10.40	11.47	0.74	2.38	2.81	3.3	10.6	12.5	98	4.37	A
	2.0+2.0+2.0+2.5+7.1	1.33	1.33	1.33	1.67	4.74	5.00	10.40	11.50	0.82	2.36	2.79	3.6	10.5	12.4	98	4.41	A
	2.0+2.0+2.0+3.5+3.5	1.90	1.90	1.90	2.35	2.35	3.70	10.40	11.10	0.62	2.62	2.89	2.8	11.6	12.8	98	3.97	A
	2.0+2.0+2.0+3.5+4.2	1.52	1.52	1.52	2.66	3.18	4.46	10.40	11.12	0.79	2.55	2.89	3.5	11.3	12.8	98	4.08	A
	2.0+2.0+2.0+3.5+5.0	1.43	1.43	1.43	2.51	3.60	4.69	10.40	11.25	0.82	2.51	2.89	3.6	11.1	12.8	98	4.14	A
	2.0+2.0+2.0+3.5+6.0	1.34	1.34	1.34	2.35	4.03	4.97	10.40	11.48	0.82	2.37	2.80	3.6	10.5	12.4	98	4.39	A
	2.0+2.0+2.0+4.2+4.2	1.44	1.44	1.44	3.04	3.04	4.66	10.40	11.13	0.81	2.55	2.88	3.6	11.3	12.8	98	4.08	A
	2.0+2.0+2.0+4.2+5.0	1.37	1.37	1.37	2.87	3.42	4.89	10.40	11.26	0.84	2.56	2.95	3.7	11.4	13.1	98	4.06	A
	2.0+2.0+2.5+2.5+2.5	1.81	1.81	2.26	2.26	2.26	3.84	10.40	11.10	0.67	2.62	2.89	3.0	11.6	12.8	98	3.97	A
	2.0+2.0+2.5+2.5+3.5	1.66	1.66	2.08	2.08	2.92	4.13	10.40	11.11	0.71	2.61	2.89	3.1	11.6	12.8	98	3.98	A
	2.0+2.0+2.5+2.5+4.2	1.58	1.58	1.97	1.97	3.30	4.32	10.40	11.11	0.74	2.56	2.89	3.3	11.4	12.8	98	4.06	A
	2.0+2.0+2.5+2.5+5.0	1.49	1.49	1.86	1.86	3.70	4.55	10.40	11.24	0.76	2.51	2.90	3.4	11.1	12.9	98	4.14	A
	2.0+2.0+2.5+2.5+6.0	1.39	1.39	1.73	1.73	4.16	4.83	10.40	11.47	0.80	2.38	2.81	3.5	10.6	12.5	98	4.37	A
	2.0+2.0+2.5+3.5+3.5	1.54	1.54	1.92	2.70	2.70	4.41	10.40	11.11	0.76	2.61	2.89	3.4	11.6	12.8	98	3.98	A
	2.0+2.0+2.5+3.5+4.2	1.46	1.46	1.84	2.56	3.08	4.61	10.40	11.12	0.82	2.55	2.89	3.6	11.3	12.8	98	4.08	A
	2.0+2.0+2.5+3.5+5.0	1.39	1.39	1.72	2.43	3.47	4.83	10.40	11.25	0.84	2.51	2.89	3.7	11.1	12.8	98	4.14	A
	2.0+2.0+2.5+4.2+4.2	1.40	1.40	1.74	2.93	2.93	4.80	10.40	11.13	0.87	2.60	2.94	3.9	11.5	13.0	98	4.00	A
	2.0+2.0+3.5+3.5+3.5	1.44	1.44	2.52	2.50	2.50	4.69	10.40	11.12	0.84	2.61	2.89	3.7	11.6	12.8	98	3.98	A
	2.0+2.0+3.5+3.5+4.2	1.37	1.37	2.40	2.39	2.87	4.89	10.40	11.13	0.87	2.60	2.94	3.9	11.5	13.0	98	4.00	A
	2.0+2.5+2.5+2.5+2.5	1.72	2.17	2.17	2.17	2.17	3.99	10.40	11.10	0.69	2.62	2.89	3.1	11.6	12.8	98	3.97	A
	2.0+2.5+2.5+2.5+3.5	1.60	2.00	2.00	2.00	2.80	4.27	10.40	11.11	0.74	2.61	2.89	3.3	11.6	12.8	98	3.98	A
	2.0+2.5+2.5+2.5+4.2	1.52	1.90	1.90	1.90	3.18	4.46	10.40	11.11	0.79	2.56	2.89	3.5	11.4	12.8	98	4.06	A
	2.0+2.5+2.5+2.5+5.0	1.44	1.79	1.79	1.79	3.59	4.69	10.40	11.24	0.82	2.51	2.90	3.6	11.1	12.9	98	4.14	A
	2.0+2.5+2.5+2.5+6.0	1.33	1.68	1.68	1.68	4.03	4.97	10.40	11.47	0.82	2.38	2.81	3.6	10.6	12.5	98	4.37	A
	2.0+2.5+2.5+3.5+3.5	1.48	1.86	1.86	2.60	2.60	4.55	10.40	11.11	0.82	2.61	2.89	3.6	11.6	12.8	98	3.98	A
	2.0+2.5+2.5+3.5+4.2	1.41	1.77	1.77	2.48	2.97	4.75	10.40	11.12	0.84	2.55	2.89	3.7	11.3	12.8	98	4.08	A
	2.0+2.5+2.5+3.5+5.0	1.34	1.68	1.68	2.35	3.35	4.97	10.40	11.25	0.87	2.51	2.89	3.9	11.1	12.8	98	4.14	A
	2.0+2.5+2.5+4.2+4.2	1.34	1.69	1.69	2.84	2.84	4.94	10.40	11.13	0.90	2.60	2.94	4.0	11.5	13.0	98	4.00	A
	2.0+2.5+3.5+3.5+3.5	1.38	1.73	2.43	2.43	2.43	4.83	10.40	11.12	0.87	2.61	2.89	3.9	11.6	12.8	98	3.98	A
	2.5+2.5+2.5+2.5+2.5	2.08	2.08	2.08	2.08	2.08	4.13	10.40	11.10	0.72	2.62	2.89	3.2	11.6	12.8	98	3.97	A
	2.5+2.5+2.5+2.5+3.5	1.93	1.93	1.93	1.93	2.68	4.41	10.40	11.11	0.77	2.61	2.89	3.4	11.6	12.8	98	3.98	A
	2.5+2.5+2.5+2.5+4.2	1.83	1.83	1.83	1.83	3.08	4.61	10.40	11.11	0.82	2.56	2.89	3.6	11.4	12.8	98	4.06	A
	2.5+2.5+2.5+2.5+5.0	1.73	1.73	1.73	1.73	3.48	4.83	10.40	11.24	0.85	2.51	2.90	3.8	11.1	12.9	98	4.14	A
	2.5+2.5+2.5+3.5+3.5	1.80	1.80	1.80	2.50	2.50	4.69	10.40	11.11	0.85	2.61	2.89	3.8	11.6	12.8	98	3.98	A
	2.5+2.5+2.5+3.5+4.2	1.71	1.71	1.71	2.40	2.87	4.89	10.40	11.12	0.87	2.61	2.89	3.9	11.6	12.8	98	3.98	A
	2.5+2.5+3.5+3.5+3.5	1.69	1.69	2.34	2.34	2.34	4.97	10.40	11.12	0.90	2.61	2.89	4.0	11.6	12.8	98	3.98	A

Notes: 1. Cooling capacity is based on 27°CDB/19°CWB (Indoor temperature). 35°CDB (Outdoor temperature).
Heating capacity is based on 20°CDB (Indoor temperature). 7°CDB/6°CWB (Outdoor temperature).
2. The total ability of connected a indoor unit is up to 14.5kW.
3. It is impossible to connect the indoor unit for one room only.
4. The above is the value for connecting with the following indoor units.
1.5. 2.0. 2.5. 3.5 kW class; wall mounted K series
4.2. 5.0 kW class; wall mounted J series
6.0. 7.1 kW class; wall mounted G series

* This page contains preliminary data

INVERTER

- Possibility to connect up to 9 indoor units
- All indoor units can be individually controlled and do not need to be installed in the same room or even at the same time
- Possibility to combine different types of indoor units: wall mounted, floor standing, concealed ceiling, ceiling suspended units, round flow or 4-way blow cassettes
- Slim design for flexible installation
- Easy installation thanks to automatic refrigerant charging operation, automatic test operation
- Possibility to limit peak power consumption between 30 and 80%, for example during periods with high power demand

Heating & Cooling

CONNECTABLE INDOOR UNITS	Wall mounted													Floor standing						Concealed ceiling								Flexi type				Round flow cassette			4-way blow cassette				Ceiling suspended		
	FTXG-J			CTXS-K		FTXS-K		FTXS-J/G						FVXG-K			FVXS-F			FDBQ-B	FDXS-E		FDXS-C		FBQ-C			FLXS-B				FCQG-F			FFQ-B9V				FHQ-B		
	25	35	50	15	35	20	25	25	35	42	50	60	71	25	35	50	25	35	50	25	25	35	50	60	35	50	60	25	35	50	60	35	50	60	25	35	50	60	35	50	60
RXYSQ-P8	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●

CONNECTABLE INDOOR UNITS						
Indoor unit					FTXG25JA	FTXG35JA	FTXG50JA
Casing	Colour				Brushed aluminium		
Dimensions	Unit	HeightxWidthxDepth		mm	295x915x155		
Weight	Unit			kg	11		
Fan - Air flow rate	Cooling	High/Nom./Low/Silent operation		m^3/min	8.8/6.8/4.7/3.8	10.1/7.3/4.6/3.9	10.3/8.5/6.7/5.7
	Heating	High/Nom./Low/Silent operation		m^3/min	9.6/7.9/6.2/5.4	10.8/8.6/6.4/5.6	11.4/9.8/8.1/7.1
Sound power level	Cooling	High		dBA	54	58	60
	Heating	High		dBA	55	58	60
Sound pressure level	Cooling	High/Nom./Low/Silent operation		dBA	38/32/25/22	42/34/26/23	44/40/35/32
	Heating	High/Nom./Low/Silent operation		dBA	39/34/28/25	42/36/29/26	44/40/35/32
Refrigerant	Type				R-410A		
Piping connections	Liquid	OD		mm	6.35		
	Gas	OD		mm	9.52		12.7
	Drain				18		
Power supply	Phase / Frequency / Voltage			Hz / V	1~ / 50 / 220-240		

CONNECTABLE INDOOR UNITS						
Indoor unit					FTXG25JW	FTXG35JW	FTXG50JW
Casing	Colour				Matt crystal white		
Dimensions	Unit	HeightxWidthxDepth		mm	295x915x155		
Weight	Unit			kg	11		
Fan - Air flow rate	Cooling	High/Nom./Low/Silent operation		m^3/min	8.8/6.8/4.7/3.8	10.1/7.3/4.6/3.9	10.3/8.5/6.7/5.7
	Heating	High/Nom./Low/Silent operation		m^3/min	9.6/7.9/6.2/5.4	10.8/8.6/6.4/5.6	11.4/9.8/8.1/7.1
Sound power level	Cooling	High		dBA	54	58	60
	Heating	High		dBA	55	58	60
Sound pressure level	Cooling	High/Nom./Low/Silent operation		dBA	38/32/25/22	42/34/26/23	44/40/35/32
	Heating	High/Nom./Low/Silent operation		dBA	39/34/28/25	42/36/29/26	44/40/35/32
Refrigerant	Type				R-410A		
Piping connections	Liquid	OD		mm	6.35		
	Gas	OD		mm	9.52		12.70
	Drain				18		
Power supply	Phase / Frequency / Voltage			Hz / V	1~ / 50 / 220-240		

CONNECTABLE INDOOR UNITS							
Indoor unit				CTXS15K	FTXS20K	FTXS25K	CTXS35K
Casing	Colour			White			
Dimensions	Unit	HeightxWidthxDepth	mm	289x780x215			
Weight	Unit		kg	8			
Fan - Air flow rate	Cooling	High	m^3/min	7.9/6.3/4.7/3.9	8.8/6.7/4.7/3.9	9.1/7.0/5.0/3.9	9.0/7.5/6.0/4.3
	Heating	High	m^3/min	9.2/7.2/5.2/3.9	9.5/7.8/6.0/4.3	10.0/8.0/6.0/4.3	10.1/8.1/6.3/4.3
Sound power level	Cooling	High	dBA	53	56	57	58
	Heating	High	dBA	54	56	57	57
Sound pressure level	Cooling	High/Nom./Low/Silent operation	dBA	37/31/25/21	40/32/24/19	41/33/25/19	42/35/28/21
	Heating	High/Nom./Low/Silent operation	dBA	38/33/28/21	40/34/27/19	41/34/27/19	41/36/30/21
Refrigerant	Type			R-410A			
Piping connections	Liquid	OD	mm	6.35			
	Gas	OD	mm	9.52			
	Drain			18.0			
Power supply	Phase / Frequency / Voltage		Hz / V	1~ / 50 / 220-240			

CONNECTABLE INDOOR UNITS								
Indoor unit				FTXS35J	FTXS42J	FTXS50J	FTXS60G	FTXS71G
Casing	Colour							
Dimensions	Unit	HeightxWidthxDepth	mm				290x1,050x250	
Weight	Unit		kg		10		12	
Fan - Air flow rate	Cooling	High/Nom./Low/Silent operation	m^3/min	11.4/8.7/5.8/4.4	11.3/9.0/6.8/5.9	11.6/9.2/7.0/6.0	16.0/13.5/11.3/10.1	17.2/14.5/11.5/10.5
	Heating	High/Nom./Low/Silent operation	m^3/min	12.4/9.5/6.8/6.0	12.2/9.7/7.3/6.4	12.1/9.8/7.6/6.7	17.2/14.9/12.6/11.3	19.5/16.7/14.2/12.6
Sound power level	Cooling	Nom.	dBA	61		62	61	62
	Heating	Nom.	dBA	61		63	60	62
Sound pressure level	Cooling	High/Nom./Low/Silent operation	dBA	45/37/29/23	45/39/33/30	46/40/34/31	45/41/36/33	46/42/37/34
	Heating	High/Nom./Low/Silent operation	dBA	45/39/29/26	45/39/33/30	47/41/34/31	44/40/35/32	46/42/37/34
Refrigerant	Type							
Piping connections	Liquid	OD	mm					
	Gas	OD	mm			12.7		15.9
	Drain						18.0	
Power supply	Phase / Frequency / Voltage		Hz / V					

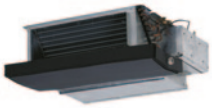
CONNECTABLE INDOOR UNITS						
Indoor unit				FTX20JV	FTX25JV	FTX35JV
Casing	Colour			White		
Dimensions	Unit	HeightxWidthxDepth	mm	283x770x198		
Weight	Unit		kg	7		
Fan - Air flow rate	Cooling	High/Nom./Low/Silent operation	m^3/min	9.1/7.4/5.9/4.7	9.2/7.6/6.0/4.8	9.3/7.7/6.1/4.9
	Heating	High/Nom./Low/Silent operation	m^3/min	9.4/7.8/6.3/5.5	9.7/8.0/6.3/5.5	10.1/8.4/6.7/5.7
Sound power level	Cooling	Nom.	dBA	55	56	57
	Heating	Nom.	dBA	55	56	57
Sound pressure level	Cooling	High/Nom./Low/Silent operation	dBA	39/33/25/22	40/33/26/22	41/34/27/23
	Heating	High/Nom./Low/Silent operation	dBA	39/34/28/25	40/34/28/25	41/35/29/26
Refrigerant	Type			R-410A		
Piping connections	Liquid	OD	mm	6.35		
Power supply	Phase / Frequency / Voltage		Hz / V	1~ / 50 / 220-240		

CONNECTABLE INDOOR UNITS						
Indoor unit				FVXG25K	FVXG35K	FVXG50K
Casing	Colour			Fresh white (6.5Y 9.5/0.5)		
Dimensions	Unit	HeightxWidthxDepth	mm	600x950x215		
Weight	Unit		kg	22		
Fan - Air flow rate	Cooling	High/Nom./Low/Silent operation	m^3/min	8.9/7.0/5.3/4.5	9.1/7.2/5.3/4.5	10.6/8.9/7.3/6.0
	Heating	High/Nom./Low/Silent operation	m^3/min	9.9/7.8/5.7/4.7	10.2/8.0/5.8/5.0	12.2/10.0/7.8/6.8
Sound power level	Cooling	Nom.	dBA	54	55	56
	Heating	Nom.	dBA	55	56	58
Sound pressure level	Cooling	High/Nom./Low/Silent operation	dBA	38/32/26/23	39/33/27/24	44/40/36/32
	Heating	High/Nom./Low/Silent operation/Radiant heat	dBA	39/32/26/22/19	40/33/27/23/19	46/40/34/30/20
Refrigerant	Type			R-410A		
Piping connections	Liquid	OD	mm	6.35		
	Gas	OD	mm	9.50		12.70
	Drain			18		
Power supply	Phase / Frequency / Voltage		Hz / V	1~ / 50 / 220-240		

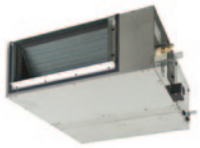
CONNECTABLE INDOOR UNITS						
Indoor unit				FVXS25F	FVXS35F	FVXS50F
Casing	Colour			White		
Dimensions	Unit	HeightxWidthxDepth	mm	600x700x210		
Weight	Unit		kg	14		
Fan - Air flow rate	Cooling	High/Nom./Low/Silent operation	m^3/min	8.2/6.5/4.8/4.1	8.5/6.7/4.9/4.5	10.7/9.2/7.8/6.6
	Heating	High/Nom./Low/Silent operation	m^3/min	8.8/6.9/5.0/4.4	9.4/7.3/5.2/4.7	11.8/10.1/8.5/7.1
Sound power level	Cooling	High	dBA	54	55	56
	Heating	High	dBA	54	55	57
Sound pressure level	Cooling	High/Nom./Low/Silent operation	dBA	38/32/26/23	39/33/27/24	44/40/36/32
	Heating	High/Nom./Low/Silent operation	dBA	38/32/26/23	39/33/27/24	45/40/36/32
Refrigerant	Type			R-410A		
Piping connections	Liquid	OD	mm	6.35		
	Gas	OD	mm	9.52		12.7
	Drain			20		
Power supply	Phase / Frequency / Voltage		Hz / V	1~ / 50 / 220-240		

CONNECTABLE INDOOR UNITS							
Indoor unit				FDXS25E	FDXS35E	FDXS50C	FDXS60C
Casing	Colour			Unpainted			
Dimensions	Unit	HeightxWidthxDepth	mm	200x700x620		200x900x620	200x1,100x620
Weight	Unit		kg	21.0		27.0	30.0
Fan - Air flow rate	Cooling	High/Nom./Low/Silent operation	m^3/min	8.7/8.0/7.3/6.2		12.0/11.0/10.0/8.4	16.0/14.8/13.5/11.2
	Heating	High/Nom./Low/Silent operation	m^3/min	8.7/8.0/7.3/6.2		12.0/11.0/10.0/8.4	16.0/14.8/13.5/11.2
Fan - External static pressure	Nom.		Pa	30		40	
Sound power level	Cooling	High	dBA	53.0		55.0	56.0
	Heating	High	dBA	53.0		55.0	56.0
Sound pressure level	Cooling	High/Nom./Low/Silent operation	dBA	35.0/33.0/31.0/29.0		37.0/35.0/33.0/31.0	38.0/36.0/34.0/32.0
	Heating	High/Nom./Low/Silent operation	dBA	35.0/33.0/31.0/29.0		37.0/35.0/33.0/31.0	38.0/36.0/34.0/32.0
Refrigerant	Type			R-410A			
Piping connections	Liquid	OD	mm	6.35			
	Gas	OD	mm	9.52		12.7	
	Drain			VP20 (I.D. 20/O.D. 26)			
Power supply	Phase / Frequency / Voltage		Hz / V	1~ / 50/60 / 220-240/220-230			

CONNECTABLE INDOOR UNITS							
Indoor unit				FLXS25B	FLXS35B	FLXS50B	FLXS60B
Casing	Colour			Almond white			
Dimensions	Unit	HeightxWidthxDepth	mm	490x1,050x200			
Weight	Unit		kg	16		17	
Fan - Air flow rate	Cooling	High/Nom./Low/Silent operation	m^3/min	7.6/6.8/6.0/5.2	8.6/7.6/6.6/5.6	11.4/10.0/8.5/7.5	12.0/10.7/9.3/8.3
	Heating	High/Nom./Low/Silent operation	m^3/min	9.2/8.3/7.4/6.6	9.8/8.9/8.0/7.2	12.1/9.8/7.5/6.8	12.8/10.6/8.4/7.5
Sound power level	Cooling	High	dBA	53	54	63	64
	Heating	High	dBA	53	55	62	63
Sound pressure level	Cooling	High/Nom./Low/Silent operation	dBA	37/34/31/28	38/35/32/29	47/43/39/36	48/45/41/39
	Heating	High/Nom./Low/Silent operation	dBA	37/34/31/29	39/36/33/30	46/41/35/33	47/42/37/34
Refrigerant	Type			R-410A			
Piping connections	Liquid	OD	mm	6.35			
	Gas	OD	mm	9.52		12.7	
	Drain			18			
Power supply	Phase / Frequency / Voltage		Hz / V	1~ / 50/60 / 220-240/220-230			



CONNECTABLE INDOOR UNITS				
Indoor unit				FDBQ25B
Casing	Colour			Unpainted
Dimensions	Unit	HeightxWidthxDepth	mm	230x652x502
Weight	Unit		kg	17.0
Fan - Air flow rate	Cooling	High/Low	m^3/min	6.50/5.20
	Heating	High/Low	m^3/min	6.95/5.20
Sound power level	Cooling	High/Low	dBA	55.0/49.0
	Heating	High/Low	dBA	55.0/49.0
Sound pressure level	Cooling	High/Low	dBA	35.0/28.0
	Heating	High/Low	dBA	35.0/29.0
Refrigerant	Type			R-410A
Piping connections	Liquid	OD	mm	6.35
	Gas	OD	mm	9.52
	Drain			27.2
Power supply	Phase / Frequency / Voltage		Hz / V	1~ / 50 / 230



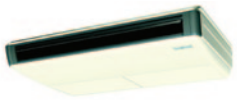
CONNECTABLE INDOOR UNITS						
Indoor unit				FBQ35C8	FBQ50C8	FBQ60C8
Casing	Colour			Unpainted		
Dimensions	Unit	HeightxWidthxDepth	mm	300x700x700		300x1,000x700
Required ceiling void >			mm	350		
Weight	Unit		kg	25		34
Decoration panel	Model			BYBS45DJW1		BYBS71DJW1
	Colour			White (10Y9/0.5)		
	Dimensions	HeightxWidthxDepth	mm	55x800x500		55x1,100x500
	Weight		kg	3.5		4.5
Fan - Air flow rate	Cooling	High/Nom./Low/Silent operation	m^3/min	16/11		18/15
	Heating	High/Nom./Low/Silent operation	m^3/min	16/11		18/15
Fan - External static pressure	High/Nom.		Pa	100/30		
Sound power level	Cooling	High	dBA	63		57
	Heating	High	dBA	-		
Sound pressure level	Cooling	High/Nom./Low/Silent operation	dBA	37/29		
	Heating	High/Nom./Low/Silent operation	dBA	37/29		
Refrigerant	Type			R-410A		
Piping connections	Liquid	OD	mm	6.35		
	Gas	OD	mm	9.52	12.70	
	Drain			VP25 (O.D. 32 / I.D. 25)		
Power supply	Phase / Frequency / Voltage		Hz / V	1~ / 50/60 / 220-240/220		

CONNECTABLE INDOOR UNITS						
Indoor units				*FCQG35F	*FCQG50F	*FCQG60F
Dimensions	Unit	HeightxWidthxDepth	mm	204x840x840		
Weight	Unit		kg	19		
Decoration panel	Model			BYCQ140DW1[1] / BYCQ140DW1W[2] / BYCQ140DGW1[3]		
	Colour			Pure White(RAL 9010)		
	Dimensions	HeightxWidthxDepth	mm	50x950x950 / 50x950x950 / 130x950x950		
	Weight		kg	5.5 / 5.5 / 11.5		
Sound power level	Cooling	High	dBA	-		
Sound pressure level	Cooling	High/Low	dBA	-		
	Heating	High/Low	dBA	-		
Refrigerant	Type			R-410A		
Piping connections	Liquid	OD	mm	-		
	Gas	OD	mm	-		
	Drain			-		
Power supply	Phase / Frequency / Voltage		Hz / V	1~ / 50/60 / 220-240/220		

CONNECTABLE INDOOR UNITS							
Indoor unit				FFQ25B9V	FFQ35B9V	FFQ50B9V	FFQ60B9V
Casing	Colour			-			
Dimensions	Unit	HeightxWidthxDepth	mm	286x575x575			
Weight	Unit		kg	17.5			
Decoration panel	Model			BYFQ60BAW1			
	Colour			White			
	Dimensions	HeightxWidthxDepth	mm	55x700x700			
	Weight		kg	2.7			
Fan - Air flow rate	Cooling	High/Nom./Low/Silent operation	m^3/min	9.0/-/6.5/-	10.0/-/6.5/-	12.0/-/8.0/-	15.0/-/10.0/-
	Heating	High/Nom./Low/Silent operation	m^3/min	9.0/-/6.5/-	10.0/-/6.5/-	12.0/-/8.0/-	15.0/-/10.0/-
Sound power level	Cooling	High	dBA	46.5	49.0	53.0	58.0
	Heating	High	dBA	-			
Sound pressure level	Cooling	High/Nom./Low/Silent operation	dBA	29.5/-/24.5/-	32.0/-/25.0/-	36.0/-/27.0/-	41.0/-/32.0/-
	Heating	High/Nom./Low/Silent operation	dBA	29.5/-/24.5/-	32.0/-/25.0/-	36.0/-/27.0/-	41.0/-/32.0/-
Refrigerant	Type			R-410A			
Piping connections	Liquid	OD	mm	6.35			
	Gas	OD	mm	9.52		12.7	
	Drain			26			
Power supply	Phase / Frequency / Voltage		Hz / V	1~ / 50 / 230			

[2] Pure white standard panel with grey louvers / [3] Pure white standard panel with white louvers / [4] Pure white auto cleaning panel

*Note: grey cells contain preliminary data



CONNECTABLE INDOOR UNITS							
Indoor unit					FHQ35B	FHQ50B	FHQ60B
Casing	Colour				White		
Dimensions	Unit	HeightxWidthxDepth		mm	195x960x680		195x1,160x680
Weight	Unit			kg	24	25	27
Fan - Air flow rate	Cooling	High/Nom./Low/Silent operation		m^3/min	13/-/10/-		17/-/13/-
	Heating	High/Nom./Low/Silent operation		m^3/min	13/-/10/-		16/-/13/-
Sound power level	Cooling	High/Nom./Low		dBA	53/-/48	54/-/49	55/-/49
	Heating	High/Nom./Low		dBA	53/-/48	54/-/49	55/-/49
Sound pressure level	Cooling	High/Nom./Low/Silent operation		dBA	37/-/32/-	38/-/33/-	39/-/33/-
	Heating	High/Nom./Low/Silent operation		dBA	37/-/32/-	38/-/33/-	39/-/33/-
Refrigerant	Type				R-410A		
Piping connections	Liquid	OD		mm	6.35		
	Gas	OD		mm	9.52	12.70	
	Drain				VP20 (I.D. 20/O.D. 26)		
Power supply	Phase / Frequency / Voltage			Hz / V	1~ / 50 / 220-240		

CONNECTABLE OUTDOOR UNITS										
Outdoor unit					RXYSQ4P8V1	RXYSQ5P8V1	RXYSQ6P8V1	RXYSQ4P8Y1	RXYSQ5P8Y1	RXYSQ6P8Y1
Capacity range				HP	4	5	6	4	5	6
Cooling capacity	Nom.			kW	11.2	14.0	15.5	11.2	14.0	15.5
Heating capacity	Nom.			kW	12.5	16.0	18.0	12.5	16.0	18.0
Power input - 50Hz	Cooling	Nom.		kW	2.81	3.51	4.53	2.89	3.61	4.65
	Heating	Nom.		kW	2.74	3.86	4.57	2.82	3.97	4.70
EER					3.99	3.99	3.42	3.88		3.33
COP					4.56	4.15	3.94	4.43	4.03	3.83
Maximum number of connectable indoor units					8 (1) / 6 (2)	10 (1) / 8 (2)	13 (1) / 9 (2)	8 (1) / 6 (2)	10 (1) / 8 (2)	13 (1) / 9 (2)
Dimensions	Unit	HeightxWidthxDepth		mm	1,345x900x320			1,345x900x320		
Weight	Unit			kg	120			120		
Sound power level	Cooling	Nom.		dBA	66	67	69	66	67	69
Sound pressure level	Cooling	Nom.		dBA	50	51	53	50	51	53
	Heating	Nom.		dBA	52	53	55	52	53	55
Operation range	Cooling	Min.~Max.		°CDB	-5~46			-5~46		
	Heating	Min.~Max.		°CWB	-20~15.5			-20~15.5		
Refrigerant	Type				R-410A			R-410A		
Piping connections	Liquid	OD		mm	9.52			9.52		
	Gas	OD		mm	15.9 (1) / 19.1 (2)	15.9 (1) / 19.1 (2)	19.1 (1)(2)	15.9 (1) / 19.1 (2)	15.9 (1) / 19.10 (2)	19.1 (1)(2)
	Piping length	OU - IU	Max.	m	150			150		
	Total piping length	System	Actual	m	300 (1) / 115 (2)	300 (1) / 135 (2)	300 (1) / 145 (2)	300 (1) / 115 (2)	300 (1) / 135 (2)	300 (1) / 145 (2)
	Level difference	OU - IU		m	50 (1) / 40 (2) (Outdoor unit in highest position) / 30 (Indoor unit in highest position)			50 (1) / 40 (2) (Outdoor unit in highest position) / 30 (Indoor unit in highest position)		
Power supply	Phase/Frequency/Voltage			Hz/V	1N~/50/220-240			3N~/50/380-415		
Current - 50Hz	Maximum fuse amps (MFA)			A	32.0			16.0		

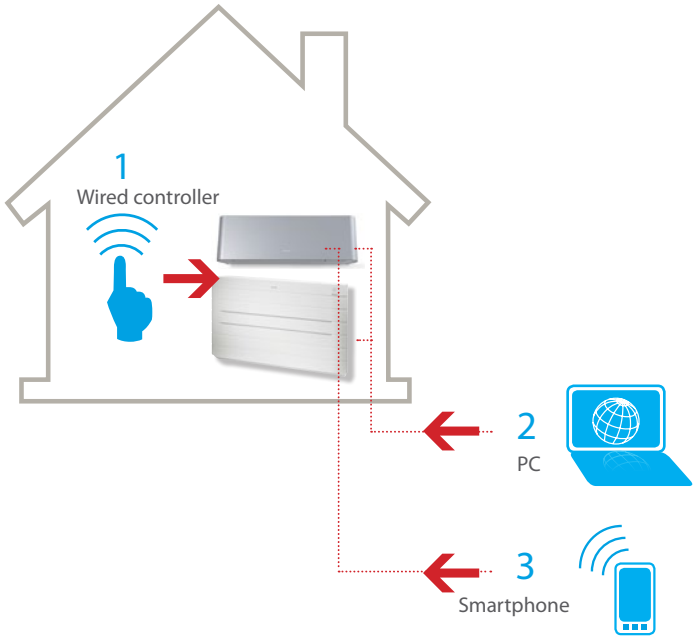
(1) In case VRV indoor units are connected | (2) In case RA indoor units are connected

Branch provider			BPMKS967B2	BPMKS967B3
Connectable indoor units			1~2	1~3
Max. indoor unit connectable capacity			14.2	20.8
Max. connectable combination			71+71	60+71+71
Dimensions	Height x Width x Depth	mm	180x294x350	
Weight		kg	7	8

Always in control,

no matter where you are

Daikin provides a new control solution to monitor and control the main functions of the residential indoor units. The system is working in an end-user friendly way and can be used from any location via your smartphone, laptop, PC, tablet, app or wired remote controller.



Residential use:

Optimal home comfort / holiday home surveillance

- Create a comfortable home climate at any time and at any place
- Remote detection of failures

Light commercial use:

Flexible office solution

- Dynamic group control in open space
- Fault manager / event logger
- Easily create a yearly schedule (iPlanner)
- Back-up configuration of air conditioning

Available software packages

	Residential*	Light commercial **	Extended light commercial **
Possibility to control indoor unit via internet	✓	✓	✓
Possibility to control multiple indoor units via internet (up to 9 KKRP01s)	✓	✓	✓
Possibility to control multiple indoor units via internet (over 9 KKRP01s)		✓	✓
Filtering data OK / ERR		✓	✓
Advanced filtering (OK / ANY ERR / COMM ERR / AC / ERR)			✓
Sorting by all columns from data-grid		✓	✓
History of alerts			✓
History of temperatures			✓
History of commands			✓
Graphic single controller with weather forecast	✓	✓	✓
Text group controller	✓	✓	✓
Weekly planner	✓		
I-planner (yearly schedule)		✓	✓
Receive via e-mail an alert report	✓	✓	✓
Autonomous periodical connectivity check			✓
Exceeded room temperature limits e-mail report			✓

* standard programmed on KKRP01A
** Additional software to be purchased online

Possible indoor units:

Standard

- FTXR28-50E
- FTXG25-50J
- FTXG25-35E
- CTXG50J
- CTXG50E
- FTXS20-71G
- FTK/XS20-50D
- FTXS50-71F
- FTXS20-50J
- FTXL20-35G
- FTX50-71GV
- FTYN50-60F
- FVXS25-50F
- FVXG25-50K
- FLK/XS25-60C/E
- ATXS20-50E
- ATXS20-50G
- ATXG25-35E

App

It will be possible to control your air conditioning via an app. This app will become available for download.

Specifications

Online controller KKRP01A

COMMUNICATION INTERFACES	
Ethernet LAN 10/100 Mbit/s	for connection intro LAN network
MODBUS	for connection of accessories
serial S21 cable 1,3m	for connection with A/C indoor unit
Power supply	directly from IU - 5 V DC for Online Controller, 12 V DC for accessories
Power consumption	120 mA, 0,6 W
IP code	IP10 / IP44 - inside A/C unit
OTHERS	
Mounting	inside of A/C IU or intro External Mounteing Kit
Weight	50g
Dimensions (W X h X d)	64 X67 X 17 mm (without cable)

Options

MATERIAL NAME	DESCRIPTION	EXPLANATION
KKRPM01A	External mounting kit	To install online controller outside the indoor unit or to extend the length of the cable between indoor unit and KKRP01A. It can easily be mounted on the wall of hidden in false ceilings.
KKRPW01A	Wifi Cable Pack	To enable wireless internet connection. Wifi module to be purchased locally.
KBRCS01A	Easy wall controller	Wired controller to be installed on the wall. Designed to easily control one indoor unit or a group of indoor units.
KBRC01A	Touch LCD wall controller	

Integration of Split, Sky Air and VRV in HA/BMS systems

Connect split indoor units to KNX interface for Home Automation system

Connect Sky Air / VRV indoor units to KNX interface for BMS integration

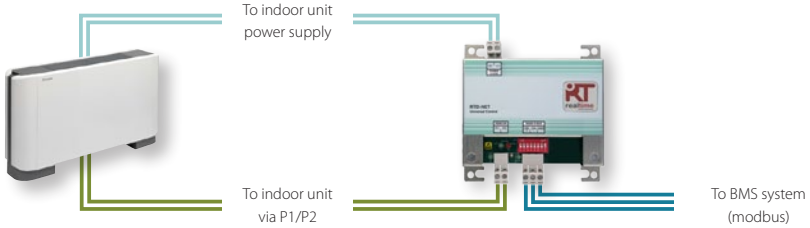
KNX interface line-up

The integration of Daikin indoor units through the KNX interface allows monitoring and control of several devices, such as lights and shutters, from one central controller. One particularly important feature is the ability to programme a 'scenario' - such as "Home leave" - in which the end-user selects a range of commands to be executed simultaneously once the scenario is selected. For instance in "Home leave", the air conditioner is off, the lights are turned off, the shutters are closed and the alarm is on.

KNX interface for

	KLIC-DD Size 90x60x35mm	KLIC-DI Size 45x45x15mm	
	Split	Sky Air	VRV
BASIC CONTROL			
ON/OFF	✓	✓	✓
Mode	Auto, heat, dry, fan, cool	Auto, heat, dry, fan, cool	Auto, heat, dry, fan, cool
Temperature	✓	✓	✓
Fan speed levels	3 or 5 + auto	2 or 3	2 or 3
Swing	Stop or movement	Stop or movement	Swing or fixed positions (5)
ADVANCED FUNCTIONALITIES			
Error management	Communication errors, Daikin unit errors		
Scenes	✓	✓	✓
Auto switch off	✓	✓	✓
Temperature limitation	✓	✓	✓
Initial configuration	✓	✓	✓
Master and slave configuration		✓	✓

Modbus interface for monitoring and control of up to 16 VRV, Sky Air, VAM or VKM indoor units



Options & accessories - Split

INDOOR UNITS	FTXR28E	FTXR42E	FTXR50E	CTXU25G	CTXU35G	CTXU42G	CTXU50G
Air purification and deodorising filter set without frame	KAF974B42S						
Air supply filter with frame	KAF963A43						
Photocatalytic deodorising filter, with frame							
Photocatalytic deodorising filter, without frame							
Air purification filter, with frame							
Air purification filter, without frame							

Notes

(1) Standard accessory

INDOOR UNITS - CONTROL SYSTEMS		FTX20JV	FTX25JV	FTX35JV	FTX50GV	FTX60GV	FTX71GV	*FTXS20K/CTXS15K
Wired remote control		BRC944B2			BRC944B2			BRC944B2
Wiring adapter for time clock	Normal open contact				KRP413AA1S			KRP413AB1S
Remote control	Normal open pulse contact				KRP413AA1S			KRP413AB1S
Cord for remote control assy	3m							BRCW901A03
	8m							BRCW901A08
Interface adapter for wired remote control								KRP980B1
Central remote control					DCS302CA61			DCS302CA51
Unified on/off control					DCS301BA61			DCS301BA51
Schedule timer					DST301BA61			DST301BA51
Interface adapter		KRP980A1 (3)			KRP928BA2S			KRP928BB2S (3)

Notes

(1) Wiring adapter supplied by Daikin. Time clock and other devices: to be purchased locally. / (2) Wiring adapter is also required for each indoor unit. / (3) For DIII-net adapter

INDOOR UNITS	FTX20JV	FTX25JV	FTX35JV	FTX50GV	FTX60GV	FTX71GV	*FTXS20K/CTXS15K
Suction grille				-			
Titanium apatite photocatalytic air-purification filter without frame	KAF971A42 (1)			KAF952B42			KAF970A46 (1)
Cord for remote control assy (3m)	BRCW901A03			BRCW901A03			
Cord for remote control assy (8m)	BRCW901A08			BRCW901A08			
Installation leg							

Notes

(1) Standard accessory

OUTDOOR UNITS	RXR28E	RXR42E	RXR50E	RX20J	RX25J	RX35J	RX50GV	RX60GV
Air direction adjustment grille				KPW937B4			KRP945A(A)4	
Drain plug (1)	KKP937A4			KKP937A4			KKP937A4	
Refrigerant branch piping for twin								
Extension hose set for humidification (2m)	KPMH942A402							
Relay joint for humidification (10pcs.)	KPMJ942A4							
L-shape cuffs for humidification (10pcs)	KPMH950A4L							
Hose for humidification (10m)(l)	KPMH942A42							
Hose for humidification (15m)(l)								

Notes

(1) Standard accessory

OUTDOOR UNITS	*RXS20K	*RXS25K	*RXLG25K	*RXLG35K	*RXL20J	*RXL25J
Air direction adjustment grille						
Branch provider (2 rooms)						
Branch provider (3 rooms)						

Notes

(1) Standard accessory

FTXG25J	FTXG35J	FTXG50J	FDXS25E	FDXS35E	FDXS50C	FDXS60C	FVXS25F	FVXS35F	FVXS50F	FLXS25B	FLXS35B	FLXS50B	FLXS60B
										KAZ917B41			
										KAZ917B42			
										KAF925B41			
										KAF925B42			

*FTXS25K/CTXS35K	FTXS20J	FTXS25J	FTXS35J	FTXS42J	FTXS50J	FTXS60G	FTXS71G	FVXG25K	FVXG35K	FVXG50K
BRC944B2	BRC944B2							BRC944B2		
KRP413AB1S	KRP413AA1S (1)									
KRP413AB1S	KRP413AA1S (1)									
BRCW901A03										
BRCW901A08										
KRP980B1										
DCS302CA51	DCS302CA51							DCS302CA51		
DCS301BA51	DCS301BA51							DCS301BA51		
DST301BA51	DST301BA51							DST301BA51		
KRP928BB2S (3)	KRP928BA2S (3)							KRP928BB2S (3)		

*FTXS25K/CTXS35K	FTXS20J	FTXS25J	FTXS35J	FTXS42J	FTXS50J	FTXS60G	FTXS71G	FVXG25K	FVXG35K	FVXG50K
KAF970A46 (1)	KAF968A42 (1)					KAF970A46		KAF970A46		
	BRCW901A03									
	BRCW901A08									
								BKS028		

RX71GV	RXS20J	RXS25J	RXS35J	RXS42J	RXS50J	RXS60F	RXS71F	RXG25K	RXG35K	RXK50K	2MXU-G
KRP945A(A)4	KPW937AA4				KPW945AA4	KPW945AA4		KPW937AA4		KPW945AA4	KKPW945AA4
KKP945A4	KKP937A4					KKP937A4		KKP937A4			KKP937A4
											KPMH996A10S
											KPMH996A11S

*RXL35J	2MXS40H	2MXS50H	*3MXS40K	3MXS52E	3MXS68G	4MXS68F	4MXS80E	5MXS90E
KPW937AA4	KPW945AA4		KPW945AA4	KPW945AA4				
	BPMKS9672B2			BPMKS9672B2				
	BPMKS9672B3			BPMKS9672B3				

*Note: grey cells contain preliminary data

POWER SUPPLY

T1 = 3~, 220V, 50Hz
V1 = 1~, 220-240V, 50Hz
VE = 1~, 220-240V/220V, 50Hz/60Hz*
V3 = 1~, 230V, 50Hz
VM = 1~, 220~240V/220~230V, 50Hz/60Hz
W1 = 3N~, 400V, 50Hz
Y1 = 3~, 400V, 50Hz

* For VE power supply only 1~, 220-240V, 50Hz data is displayed in this catalogue.

MEASURING CONDITIONS

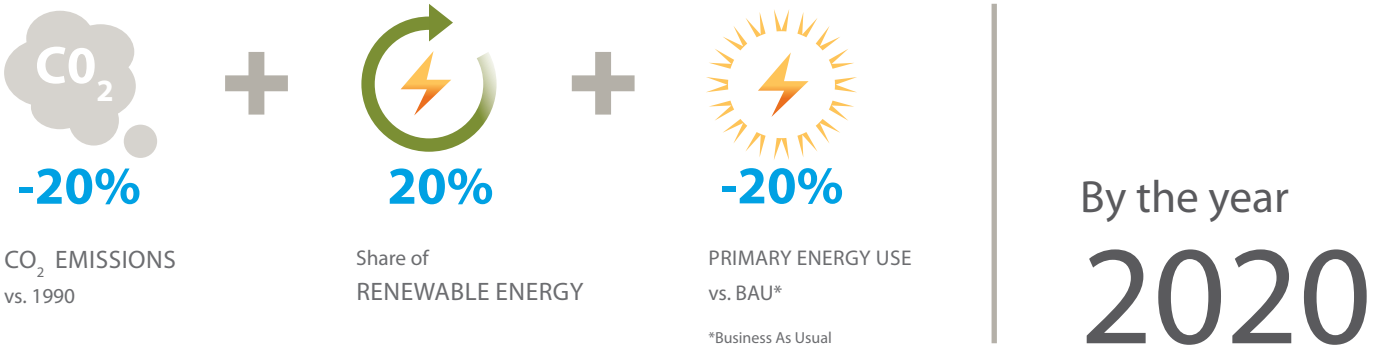
AIR CONDITIONING

1) nominal cooling capacities are based on:	
Indoor temperature	27°CDB/19°CWB
Outdoor temperature	35°CDB
Refrigerant piping length	7.5m - 8/5m VRV
Level difference	0m
2) nominal heating capacities are based on:	
Indoor temperature	20°CDB
Outdoor temperature	7°CDB/6°CWB
Refrigerant piping length	7.5m - 8/5m VRV
Level difference	0m

The sound pressure level is measured via a microphone at a certain distance from the unit. It is a relative value, depending on the distance and acoustic environment (for measuring conditions: please refer to the technical databooks).
The sound power level is an absolute value indicating the "power" which a sound source generates.
For more detailed information please consult our technical databooks.

European Union's 20-20-20 energy targets

In March 2007, after years of worldwide concern, the European heads of state endorsed "an integrated approach to climate and energy policy that aims to combat climate change and increase the EU's energy security while strengthening its competitiveness. They committed Europe to transforming itself into a highly energy-efficient, low carbon economy." (http://ec.europa.eu) To turn this into a reality, a series of challenging climate and energy objectives were set and became known as the 20-20-20 energy targets, which are to be met by 2020 and these are:



What this really means

In simple terms, the EU's targets are aimed at reducing the amount of energy consumed, reducing the use of fossil and other natural mineral fuels used in the production of energy, and the reduction of the amount of greenhouse gases (particularly CO_2 and water vapour) produced. And if we are to be successful in doing this, then new regulations, production and performance standards, and energy usage rules will be needed.

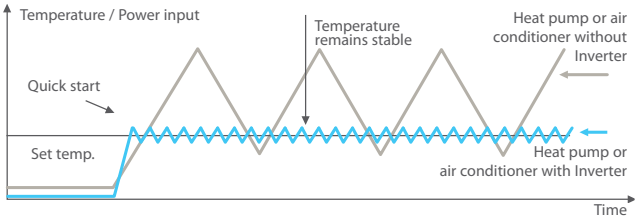
The EU has not been slow in recognizing this need. New directives have been developed and issued on the subject of

- energy labelling of domestic appliances – this must show the true energy usage of equipment across the whole year: for air-conditioning equipment this includes the introduction of a Seasonal Energy Efficiency Rating (SEER and SCOP)
- energy efficiency in buildings to reduce their impact on the environment through improved insulation, improved heating and lighting systems and the increased use of renewable energy sources
- environmental performance of products throughout their life-cycle by the systematic integration of environmental aspects at a very early stage in the product design
- fluorinated greenhouse gases (F-gas) and ozone depleting substances which aim to phase out certain refrigerants and tighten up on the checks needed to ensure that such gases are not being leaked into the atmosphere and contributing to the greenhouse effect.

The Daikin Response

Daikin, always the leader in air conditioning technology, has embraced the challenges of the EU 20-20-20 declaration and Energy Efficiency Directives and has moved positively to take a market leadership position on many issues.

Many years ago, we developed the inverter technology that is now installed in all of our air conditioning units. The inverter system supplies full load power at start up but then monitors the actual heating or cooling demand and steadily reduces the power being used until the correct temperature is reach. It then effectively turns itself off until a change is noted at which point it applies sufficient power to bring the temperature back to the set point. This direct link between temperature control and energy usage means that inverter driven air conditioners are up to 30% more energy efficiency. The eco-design requirements are very ambitious and will in the end ban non-inverter technology.

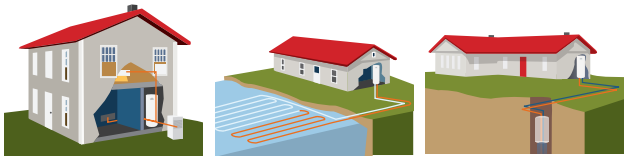


Seasonal efficiency

Over the years we have been concerned about letting our clients know the true seasonal energy efficiency of our products, as the rating system then in place was misleading. Our vision on this has been vindicated and the introduction of seasonal performance will ensure a better understanding of the energy usage of all air conditioning systems. We have been designing and engineering our equipment to achieve market-leading SEERs and SCOPs and thus contributing to a reduction of energy used.

Heat pump technology

In many ways, it is with our advanced heat pump technology and heat recovery systems that we can do most to contribute towards the EU's climate targets. Our use of heat pumps to extract heat from the ambient air (a renewable heat source referred to as aerothermal energy) is very well established and helps reduce the energy usage of whole buildings. In addition, however, heat pumps can be used to extract heat from the ground (geothermal energy) as well as rivers, lakes and ground water (hydrothermal energy). This renewable heat energy is then transferred to the refrigerant system to raise the temperature of the outflow water and thus effectively pre-heat it. This reduces the energy required to provide heating and the transferred heat is often enough to maintain domestic hot water tanks at the correct temperature. This remarkable technology will now be applied to small capacity units as we focus on total climate control in all its forms.


AEROTHERMAL HEAT PUMP HYDROTHERMAL HEAT PUMP GEOTHERMAL HEAT PUMP

State-of-the-art control systems

Our systems are all connected to advanced control systems that give room-by-room settings as well as integrated building control to ensure that the customer can maximise and optimise the use of their Daikin system as a total solution for their building: one that gives perfect climate control, reduced costs and reduced environmental impact.

New refrigerants

The regulation on ozone depleting substances and the fluorinated gas directive provide some special challenges. The phasing out of R-22 refrigerants and the concerns over the environmental impact of other refrigerants has led to pressure being brought to bear for the development of non-fluorinated, low GWP (global warming potential) and natural refrigerant gases. This in turn means that refrigerant systems will have to be re-designed and re-engineered – our engineers are already hard at work developing an alternative product line and trying innovative modifications to our current lines. As always, we are the innovation leaders!

The way forward

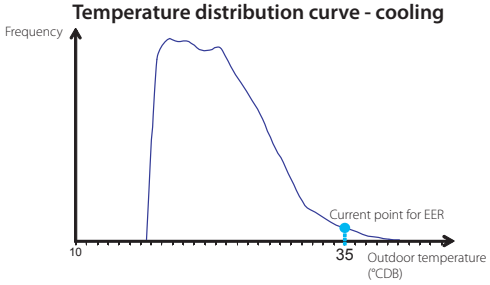
All in all, the European Union's climate concerns have added a new urgency to our ongoing innovation and R&D – we are confident of our response and that it will deliver huge benefits to the customers in terms of more controllable solutions giving perfect comfort, reduced operating costs and a much lower ecological impact.

Daikin leads the way to seasonal efficiency

With European legislation* pressing energy users to drastically cut energy consumption, improve energy efficiency of buildings and homes, and meet the Commission's 20/20/20 targets, industry is looking at more appropriate ways to evaluate efficiency. Thus, the Eco-Design Directive aims at reducing the environmental impact of products in the EU. To that end an implementing measure for air conditioners is under development and it will introduce a new method for performance specifications – seasonal efficiency – in replacement of the current method of nominal efficiency, which has its limitations.

* EPB (Energy Performance of Buildings) Directive 2002/91/EC, ERP - Eco-Design Directive

Temperature distribution curve - cooling

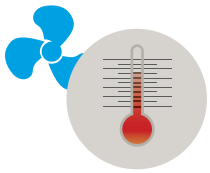


NOMINAL EFFICIENCY OUTDATED

Measuring energy performance is not new to Europe. Such measurements are used to provide consumers with information on air conditioner performance so they can make intelligent choices when purchasing. Present method in place is that of nominal efficiency, a method, however, with limitations that result in a significant gap between rated and actual performance.

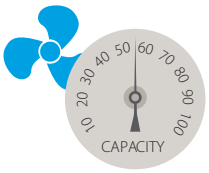
SEASONAL EFFICIENCY IN LINE WITH REAL-LIFE PERFORMANCE

To correct this situation, a more complex calculation method – seasonal efficiency – is being developed simultaneously in Eco-Design and prEN 14825 (inquiry version 2010). The major differences between seasonal and nominal calculation are:



Temperature

NOMINAL	SEASONAL
1 Temperature condition: 35°C for cooling 7°C for heating Does not often occur in reality	**Several rating temperatures** for cooling and heating, reflecting actual performance over an entire season



Capacity

NOMINAL	SEASONAL
Does not reflect partial capacity Benefits of inverter technology not visible	Integrates operation at **partial instead of full capacity** **Benefits of inverter technology** are shown

Auxiliary modes

NOMINAL	SEASONAL
Does not take auxiliary power modes into account	Includes consumption auxiliary modes: • Thermostat off • Standby mode • OFF mode • Crankcase heater

Nominal efficiency gives an indication on how efficient an air conditioner operates at a nominal condition.

Seasonal efficiency gives an indication on how efficient an air conditioner operates over an entire cooling or heating season.

- Defines a better representation of efficiency: **seasonal efficiency**
- Earliest implementation in 2013

2013
Eco-Design Directive

Today
Daikin

> **Actively contributes** to the development of the Eco-Design methodology for air conditioners by sharing experience and technical knowledge.

> First to integrate Eco-Design principle in the light commercial segment by launching Sky Air ranges **optimized for seasonal efficiency**.

> Seasonal smart series already comply with the EU's 2014 Eco-Design requirements.

> Daikin offers now a complete light commercial range of products.

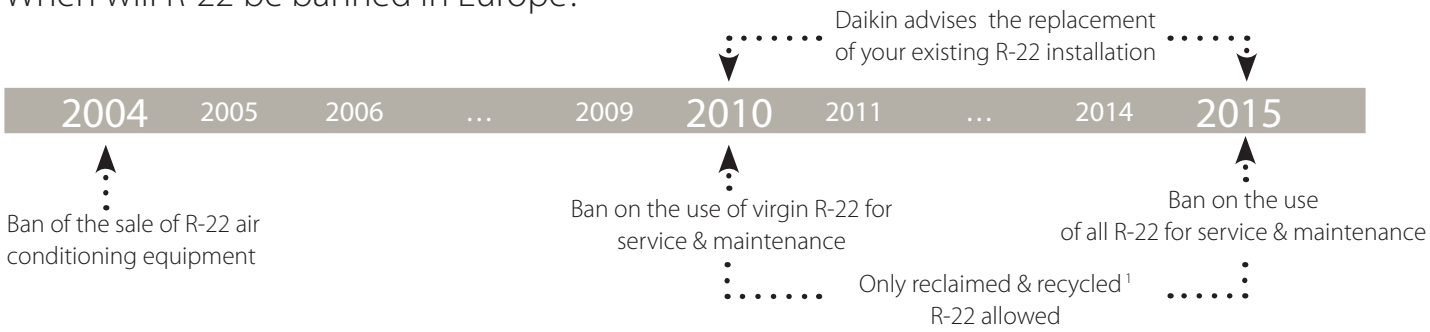
Daikin solutions to R-22 phase out

What is R-22 and why is it to be phased-out in Europe?

R-22 is a hydrochlorofluorocarbon (HCFC) which was commonly used in air conditioning systems. When R-22 is released into the air, the ultraviolet rays of the sun cause it to decompose and chlorine is released into the stratosphere. Chlorine reacts with ozone, reducing the amount of the ozone.

Due to ozone layer depletion, harmful ultraviolet rays reach the surface of the earth giving rise to a number of health and environmental issues. The international community therefore, signed the Montreal Protocol to phase out ozone depletion materials by 2030. The European Union, however, decided to ban R-22 already in 2015.

When will R-22 be banned in Europe?



[1] Recycled: re-use of R-22 following a basic cleaning process. Recycled R-22 must be re-used by the same company that carried out the recovery (can be done by installer)
Reclaimed: reprocessed R-22 in order to meet the equivalent performance of virgin R-22 (by specialized company)

The Daikin solution

to upgrade R-22 and R-407C systems

Due to significant developments in heat pump technology, today's air conditioning systems, running on R-410A refrigerant, offer better performances than R-22 and R-407C systems did in the past. Furthermore, R-22 will be soon unavailable in Europe. Already today, only reclaimed or recycled R-22 can be used for servicing. To upgrade R-22 and R-407C systems as cost effectively as possible, Daikin units can be installed using existing pipe work. Replacement technology is available for residential and commercial applications in the following ranges: Split Sky Air VRV

What is the impact on an R-22 installation?

The R-22 phase out regulation will impact on all currently operating R-22 systems, although reliable R-22 equipment does not need to be replaced immediately because maintenance can be carried out with recycled or reclaimed R-22 until 1st January 2015. However, not enough R-22 is currently reclaimed or recycled to cover the demand. As a consequence, supply shortages and price increases are expected. If there is no reclaimed or recycled R-22 available, certain repairs (for example: compressor change) will no longer be possible and considerable air conditioning system downtime can occur.

It is therefore worthwhile to consider a replacement system before 2015, especially for air conditioning systems with a large impact on the daily running of the business.

The Daikin solution

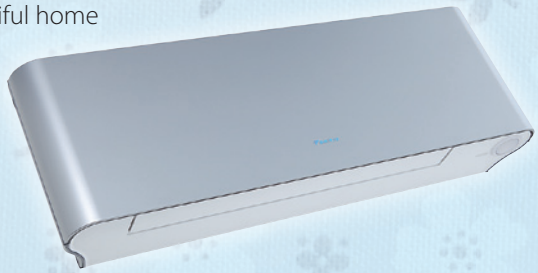
Thanks to Daikin technology, Split, Sky Air and VRV pipe work can be re-used allowing a cost effective upgrade of R-22 and R-407C systems.

DAIKIN air conditioning units

Perfect C°mfort for your home

DAIKIN EMURA

Iconic design &
engineering excellence
for beautiful home



DAIKIN URURU SARARA

6* star climate for your top comfort

* air humidification
* air dehumidification
* fresh air intake
* air purification
* cooling
* heating

DAIKIN NEXURA

Radiating perfect atmosphere

Nexura RADIATING front panel
assures INSTANT WARMTH in
just the blink of an eye.

www.daikin-ce.com

DAIKIN

In all of us, a green heart

Daikin's unique position as a manufacturer of air conditioning equipment, compressors and refrigerants has led to its close involvement in environmental issues. For several years Daikin has had the intention to become a leader in the provision of products that have limited impact on the environment. This challenge demands the eco design and development of a wide range of products and an energy management system, resulting in energy conservation and a reduction of waste.

EUROVENT CERTIFIED PERFORMANCE www.eurovent-certification.com

Daikin Europe N.V. participates in the Eurovent Certification programme for Air conditioners (AC), Liquid Chilling Packages (LCP), Air handling units (AHU) and Fan coil units (FCU), Check ongoing validity of certificate online: www.eurovent-certification.com or using: www.certiflash.com

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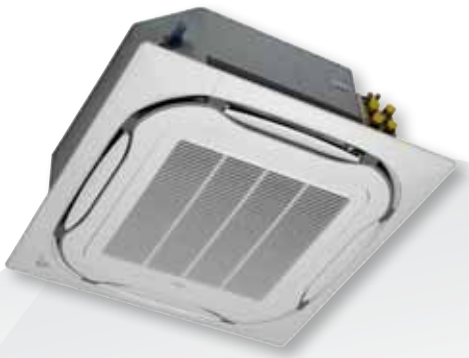
DAIKIN

Your business our concern

SEASONAL EFFICIENCY
Smart use of energy



SKY AIR PRODUCT RANGE
COMMERCIAL CATALOGUE

Sky Air

About Daikin

Daikin has a worldwide reputation based on nearly 90 years' experience in the successful manufacture of high quality air conditioning equipment for industrial, commercial and residential use.

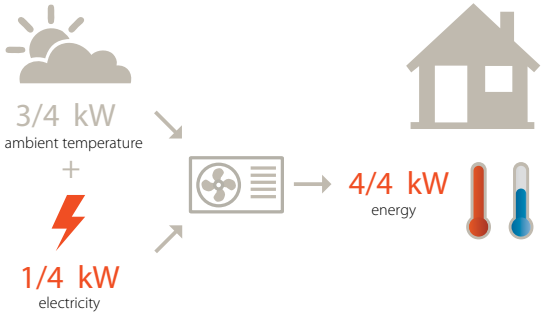
Daikin quality

Daikin's much envied quality quite simply stems from the close attention paid to design, production and testing as well as aftersales support. To this end, every component is carefully selected and rigorously tested to verify its contribution to product quality and reliability.

Heat pump technology

Air to air heat pumps obtain 80% of their output energy from renewable sources: the ambient air, which is both renewable and inexhaustible*. Of course, heat pumps also require electricity to run the system, but increasingly this electricity can also be generated from renewable energy sources (solar energy, wind energy, hydropower, biomass).

* EU objective COM (2008)/30



Content

Benefits for building owners

Daikin solutions provide market-leading systems that are ahead of the latest legislation for energy savings and carbon emissions. Delivering a consistent high performance throughout the product's lifespan, the Sky Air range contains operational features that deliver the very highest seasonal efficiencies on the market while the advanced controls and monitoring features allow the delivery of optimal comfort levels with the minimum of costs.

These features provide the following benefits for Building Owners:

- Your climate control system will meet legal requirements well beyond the current legislation
- You will obtain optimal seasonal performance thus saving energy and so reducing costs
- The climate control system will add value to the building thus protecting your investment
- You will save on installation and running costs, obtain rapid return on investment, and contribute to ecological protection objectives

Benefits for installers

Our systems have been designed to provide for an easy transition from existing units to the technologically advanced units that offer far higher energy efficiency solutions. With new compressors, heat exchangers and control systems available for installers to recommend and utilise in system upgrades to meet future regulations, the Sky Air series has been developed with the installer and his client in mind enabling him to provide much more than just an installation service. In reality, Sky Air offers the installer a competitive advantage by being able to recommend an extended 3-phase range, enhanced controllers and optical detection tools that all help deliver optimal performance, high seasonal efficiency, low ecological impact and significant cost savings.

These features provide the following benefits for Installers:

- Modular designs and factory fitted extras make installation easier to achieve

Benefits for consultant and design offices

Daikin has a long history of working closely with the consultants and design offices that recommend our equipment to deliver future-ready systems that meet the requirements of both the buildings and the legislation. Our systems are designed to meet the toughest of energy-efficiency, fiscal and compliance issues to allow flexibility for consultants and design offices in delivering absolute comfort in the most efficient manner, while our tools allow them to maximize building performance. The new Daikin Seasonal Smart system, with its adjustable condensing and evaporating temperatures, is a classic example of thinking ahead to ensure performance.

These features provide the following benefits for Consultants and Design Offices:

- You will have the confidence of knowing that you can recommend the right climate control systems to meet tomorrow's legislation
- You will have systems that are designed to blend into any décor and yet provide optimal performance with top seasonal efficiencies
- You will have access to innovative technology to maximize the climate control performance of the entire building
- Your credentials as an eco-conscious consultant and designer will be enhanced

Daikin leads the way: Seasonal series

Daikin again leads the industry with their full light commercial range optimised for seasonal efficiency, which already meets the very challenging 2014 ErP requirements even before those for 2013 are implemented.
Our Sky Air Seasonal series – **Seasonal Smart and Seasonal Classic** – offer at least 20% better performance than current existing inverter solutions and this is fully in line with 20/20/20 EU policy. This performance can be further enhanced with a smart use of unique Daikin options. The technology used gives very high levels of seasonal efficiency while maintaining or improving the comfort and flexibility features that make Daikin so unique.

Daikin has a solution for all your needs:

Seasonal Smart

- **Seasonal Smart** offers TOP seasonal efficiency. It meets the needs of projects requiring high flexibility such as longer piping lengths, a wider operating range or EDP applications. Efficiency and comfort can be further enhanced with selectable evaporating and condensing temperatures.

Seasonal Classic

- **Seasonal Classic** offers an effective solution for budget applications where less flexibility is required.

Seasonal efficiency … in more detail

With its 20/20/20 energy policy, Europe has set ambitious targets for energy efficiency and environmental impact and is seeking 20% less CO_2 produced, 20% more renewable energy used and 20% less primary energy consumed by 2020. Industry is now looking at more appropriate ways of evaluating energy efficiency and, in their effort to reduce the global warming effect, they've set up the 20-20-20 plan, the goals of which are:

- **20% reduction CO_2 emissions.**
- **20% improvement in energy efficiency.**
- **20% reduction in primary energy use** (vs. Business As Usual).

European action plan 20/20/20

-20%
CO_2 EMISSIONS vs. 1990

20%
Share of RENEWABLE ENERGY

-20%
PRIMARY ENERGY USE vs. BAU*
*Business As Usual

By the year 2020

To help achieve these targets, an Energy Related Products (ERP) Directive has been introduced and this specifies minimum eco-design requirements, such as improved energy efficiency, that must be integrated into energy-using products. For climate control systems, the energy efficiency must be measured across the whole operating spectrum and this will be presented as the 'seasonal efficiency'.

Seasonal efficiency is a more accurate measurement of the real-life energy efficiency of systems and will be the standard as from 2013.

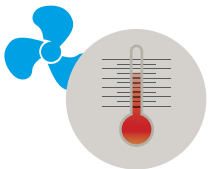
Measuring real-life performance

Customers need access to a common set of performance data to enable them to make accurate and informed comparisons between climate control systems and thus make their choice of which system to buy. To ensure that objective performance metrics are used and presented in a consistent manner, the EU currently uses the 'nominal efficiency' ratio (EER) but this results in a significant gap between announced performance and what is actually achieved and so a more accurate method – the 'seasonal efficiency' ratio (SEER) – has been developed. The major changes include:

- the integration of **several rating temperatures for cooling and heating.**
- the inclusion of **energy use at part-load as well as full-load.**
- the power used in **auxiliary and standby modes.**

Since most systems operate under a partial load the majority of the time, the new methodology gives a better indication of expected real-life performance.

Nominal versus Seasonal efficiency



Temperature

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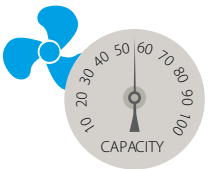

Capacity

NOMINAL	SEASONAL
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Auxiliary modes

NOMINAL	SEASONAL
Does not take auxiliary power modes into account	Includes consumption auxiliary modes: • Thermostat off • Standby mode • OFF mode • Crankcase heater

Nominal efficiency gives an indication on how efficient an air conditioner is when operating in a nominal condition.

Seasonal efficiency gives an indication on how efficient an air conditioner is when operating over an entire cooling or heating season.

Sky Air the solution for the light commercial sector

Sky Air is Daikin's industry-leading light commercial range, which has been redesigned for optimum seasonal energy efficiency ahead of the latest legislation. Providing the ideal solution for all kinds of small commercial spaces, the Sky Air series offers a complete comfort solution that puts you in total control of your heating and cooling, ventilation and air curtains.

Heating and cooling

Using highly **efficient heat pumps**, Sky Air solutions offer year round comfort:

- All systems now optimised for seasonal energy efficiency.
- A heat pump system can be combined with an outdoor unit powering several indoor units.
  - For a long or irregularly shaped room you can use up to four indoor units linked a single outdoor unit. All the indoor units are controlled at the same time.
  - Air conditioning is available in every room: a multi system allows up to nine different indoor units to operate from a single outdoor unit. All the indoor units can be individually controlled and do not need to be installed at the same time. Extra units can be added later.
- Select from a wide range of indoor units: wall and floor mounted, concealed or ceiling mounted.
- Very quiet and draught-free operation.
- Ideal for both new build and refurbishment projects.

Biddle air curtains for entrances

Biddle air curtains can be used with the Sky Air system to provide heating at building entrances.
Daikin Sky Air can be used with Biddle air curtains to provide heating at building entrances:

- Ideal for buildings with open-door policy such as retail stores.
- Year round climate control and comfort even on the most demanding days.

User-friendly controls

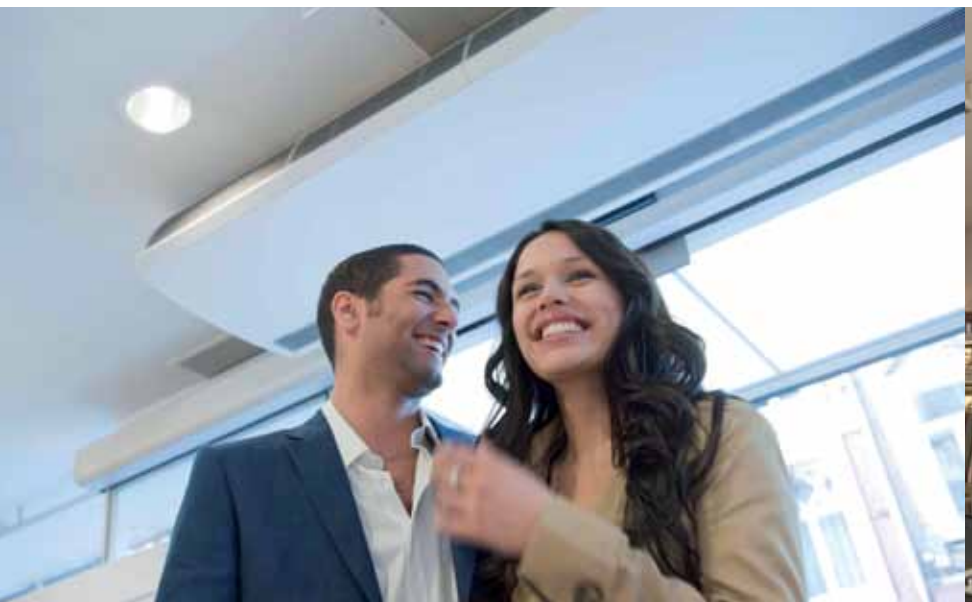
Our **user friendly controls** allows you to manage your Sky Air system for maximum efficiency:

- From individualised unit control to centralised management via touch-screen options and code based controllers, we put you in command at all times.
- new : the wired remote controller gives full access to the unit's functions and energy saving features, including indication of kWh usage and flexible scheduling for different seasons.
- new : the DIII-net connection is now standard on most units, allowing you to link into the wider building management system.
- Text based remote control and monitoring of the entire building is available via the internet.

Ventilation

Daikin's **ventilation** option provides a supply of fresh air to help create a healthy and high-quality indoor environment:

- Heat is reclaimed between outdoor and indoor air.
- The fresh air from the ventilation provides additional cooling virtually free.
- Optimum humidity control.



Sky Air the solution

Sky Air for retailers

- Creates an inviting atmosphere for your customers.
- Discreet with limited visual and operating impact.
- Reduces energy usage and costs.
- Worry-free installation.

Our **round flow cassettes** blend with your décor as they are **integrated in the ceiling** with only the Standard panel visible. This Standard panel is the secret to **increasing comfort levels** and providing the **perfect climate conditions** for your customers as the various flaps can be individually opened and closed to ensure that the heating and cooling are directed to where they are needed.
The Standard panel is also the secret to reducing maintenance as it conceals the **auto cleaning function** that traps dust with a special filter that cleans itself once a day, while the collected dust can be easily removed with a vacuum cleaner. Up to 50% energy can be saved!
Managing this system couldn't be easier as our intelligent touch controller enables you to **monitor and control** the system directly or via the Internet. It can also be set to provide easy management of your electricity consumption and can even control the lighting, while enhanced scheduling will make your life easier.

Sky Air for offices and banks

- Ensures perfect comfort for your visitors and optimum efficiency for the building owner.
- A solution for every type and size of room.
- Easy management with full control & monitoring.
- Ventilation option if required.

Our **600x600 ceiling cassettes** (which fit within **standard architectural modules** for ease of installation) are ideal for heating or cooling smaller areas such as meeting rooms. However, for open plan offices, the best choice would be our **round flow cassettes**, which can be combined with **presence and floor sensors** and even with our ventilation option, to optimise the energy efficiency and provide perfect comfort. The presence sensor adjusts the set point or switches the unit off when there is nobody in the room but when someone is there, the air-flow is directed away from that person to avoid draught. This combined process has been found to reduce energy usage by up to 27%. The floor sensor detects the average temperature near the floor and ensures an even temperature distribution between ceiling and floor. Cold feet become history!
Daikin's **ventilation** option provides a supply of fresh air to help create a healthy and high-quality indoor environment.
Using the KNX interface to connect your Sky Air system to the **building management** system allows central monitoring and control of several devices, including lights, shutters, and climate control systems as to maximize energy efficiency.

Sky Air for server rooms

- Continuous cooling operation.
  - Automatic rotation between active units.
  - Backup outdoor unit ensures continuous operation.
  - Possible to block certain settings.
- Quality products.

Servers, especially racks of servers, generate a great deal of heat and this needs to be removed through **continuous cooling and humidity control**. This presents special challenges that the Sky Air system easily meets with its special server room configuration. Each server room is fitted with two indoor units each connected to a single outdoor unit to ensure that if one outdoor unit fails, the other is there as an **automatic back up**. The indoor units are configured for constant cooling and duty rotation. This is achieved through **automatic switching between units** after certain period of use to ensure that at any time one unit is working while the other is available for maintenance.
Given the critical importance of continuous cooling for server rooms, the system is managed via an RTD 10 controller that can monitor and control up to 16 indoor units either directly or via the building management system and has a **'control of duty'** unit that locks the server room settings so that they cannot be changed by people in the server room.

Sky Air for restaurants

- Creates the perfect dining environment.
- Ensures an even temperature distribution to provide optimal comfort for your guests.
- Highly energy efficient.
- Uses intelligent control systems operated from one central location.

Nothing should distract diners from enjoying the **perfect ambience** and that ambience includes the **optimal temperature**. That's exactly what Daikin's concealed ceiling units deliver through whisper-quiet operation and improved comfort from the 3-step air flow control and these turn your restaurant into a comfortable, welcoming environment for your customers. And with the **centralised control** and easy scheduling for the entire restaurant system, **energy use** is minimised to control your running costs.

Products in the spotlight

Daikin offers now a **complete light commercial** range, optimised for seasonal efficiency!

			new			new		new	new	
		FCQG / FCQHG	FFQ	FHQG	FBQ	FDQ	FAQ	FVQ	FUQ	
										
RZQG-L Seasonal Smart		✓	✓	✓	✓	✓	✓	✓	✓	
RZQSG-L Seasonal Classic		✓	✓	✓	✓	✓	✓	✓		

→ Seasonal outdoor units:

Seasonal Smart and Seasonal Classic products have been specially designed to offer a very high seasonal performance that already meets the 2014 ErP requirements.

Top efficiency:

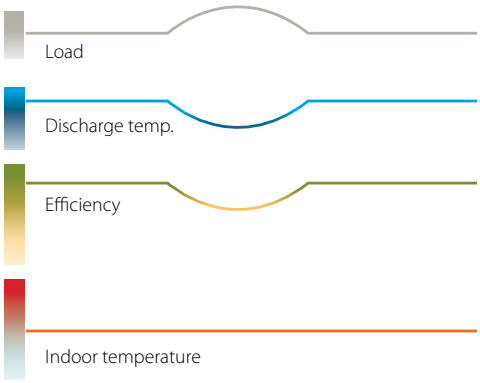
- New compressor that offers substantial efficiency improvements.
- New control logic
  - that optimises the efficiency at the most frequently encountered operating conditions.
  - that optimises the auxiliary modes (when the unit is not active).
- Newly designed heat exchangers optimise the refrigerant flow at the most frequent operating conditions (temperature and load) by reducing the piping diameter of the heat exchanger which leads to a a significant enhancement in energy efficiency.
- Additionally, these new seasonal outdoor models also offer an improved nominal performance.

Seasonal Smart

Enhancement in efficiency and comfort thanks to selectable and variable refrigerant temperatures.

Variable refrigerant temperatures

Default setting



The perfect balance :
Top efficiency throughout most of the year
Quick reaction speed on the hottest days

Seasonal Smart

- Suits computer room applications (EDP).
- R-22/R-407C Replacement technology has been incorporated: replacement solutions deliver major energy savings, offering rapid payback and a cost-effective upgrade solution, phased for minimal downtime.
- Guarantees operation in heating mode down to -20°C.
- A 75m pipe run to achieve longer runs for installation.
- Compatibility with D-BACS – links your unit into the wider building management system.

Seasonal Classic

- R-22/R-407C Replacement technology has been incorporated: replacement solutions deliver major energy savings, offering rapid payback and a cost-effective upgrade solution, phased for minimal downtime.
- Guarantees operation in heating mode down to -15°C.
- A 50m pipe run to achieve longer runs for installation.

→ Air conditioning with smart use – User friendly remote controller BRC1E52A/B

new A series of energy saving functions that can be individually selected

- Temperature range limit
- Improved setback function
- Presence & floor sensor connections (available on new round flow cassettes)
- Setting temperature auto reset
- Off timer
- kWh indication
- 3 weekly timers

→ Round Flow Cassette : setting the standard for efficiency and comfort

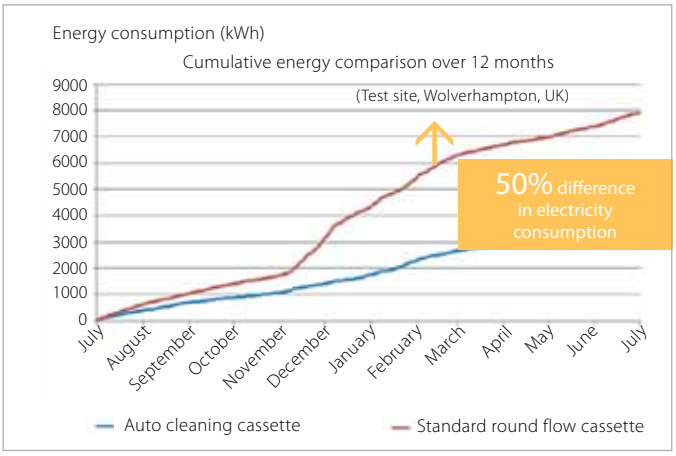
The round flow cassettes FCQG and FCQHG-F series are designed for use in all forms and sizes of commercial offices and retail environments and provide you with a more energy efficient model.

ROUND FLOW

Even more energy efficient ….

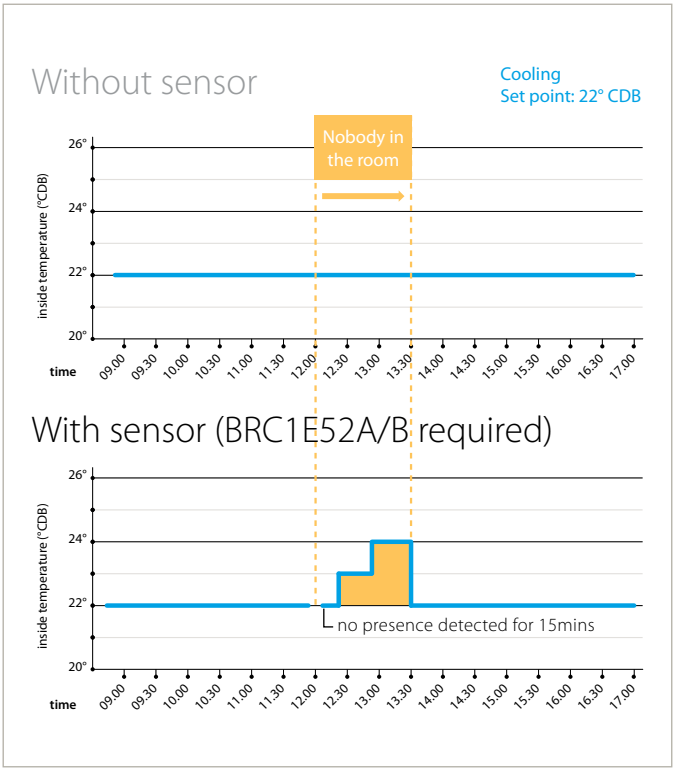
- Daikin was the first to launch an **auto cleaning Standard panel**. With this panel the costs can be further reduced as the filter cleans itself automatically once a day.
- Maintenance of the filter is facilitated and so less time is required.
- Running costs are reduced compared to standard solutions: **up to 50% energy can be saved** thanks to daily filter cleaning (Wolverhampton, UK).

Auto-cleaning panel
saves up to 50%



- The optional **presence sensor** adjusts the temperature or switches off the unit when there is nobody in the room. Up to 27% energy can be saved with this new function.
- If no presence is detected in the room for 15mins, the set temperature is changed until a minimum temperature (for heating) or maximum temperature (for cooling) is reached. When selecting the setback function, the unit will maintain the temperature within a preset minimum and maximum temperature, when there is no presence detected in the room for 1 hour.
- Newly designed **heat exchanger** (diameter pipes are reduced to 5mm instead of 7mm), DC fan motor and DC drain pump enable even more energy to be saved.

Presence sensor
saves up to 27%*



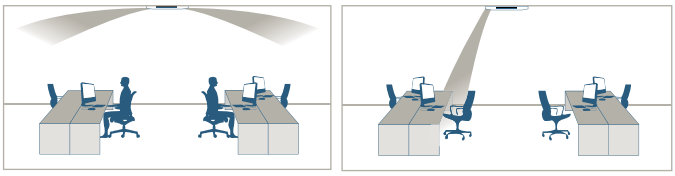
* estimated energy saving

… and improved comfort

- The unique **360° air flow** discharge pattern ensures a uniform temperature distribution across the room without dead corners.

The comfort can be further enhanced thanks to the optional sensors:

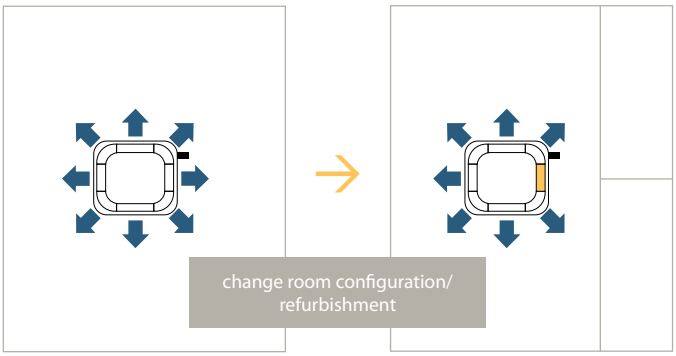
- The presence sensor allows air flow control. It directs the air away from any person detected in the room, when the air flow control is on.
- With the **floor sensor** having cold feet becomes history. This sensor detects the average floor temperature and ensures an even temperature distribution between ceiling and floor.



Flexible installation

The round flow cassette offers higher flexibility thanks to:

- The possibility of easily closing one or more flaps via the wired remote controller (BRC1E52A/B - optional), to suit the room configuration. Optional closure kits are available as well.



Other features

- Standard DIII-net compatibility – link your cassette into the wider building management system.
- Fresh air intake possible (max. 20%).

→ Wall mounted model – FAQ-C

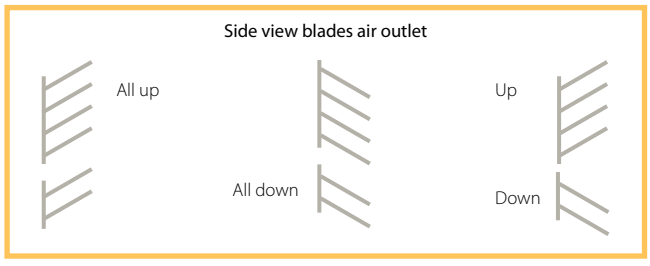
- The new **flat, stylish front panel** blends easily within any interior décor and is easier to clean.
- The new wall mounted unit provides better comfort than before:

new **Automatic airflow volume control** for all classes. Based on the temperature difference between room temperature and set temperature, the unit will automatically select the appropriate airflow volume. If the temperature difference is high, the unit will select high fan speed; if the temperature difference is low, the unit will select low fan speed.

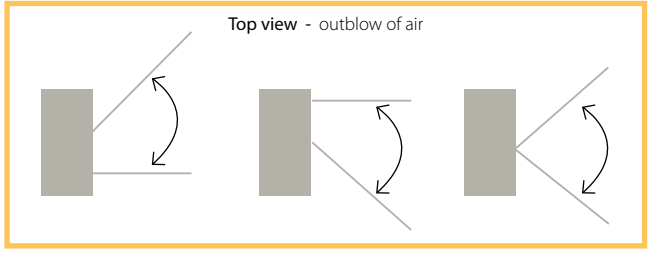
- **Vertical auto swing** moves the discharge flaps up and down for efficient air and temperature distribution throughout the room.
- **5 Different discharge angles** can be programmed via the remote control for an air distribution that increases your comfort.
- Decrease of temperature variation by automatic fan speed selection: **3-step fan speed** can be freely selected.
- The adoption of a new heat exchanger (6.35 mm diameter) has a positive effect on efficiency.
- **Flexible installation**: installation can be done more flexibility as bottom, back, left or right piping connections are foreseen.
- **Maintenance** can easily be performed from the front of the unit
- **Standard DIII -net compatibility** – link your wall mounted into the wider building management system.

→ Floor standing model – FVQ-C

- Decrease of temperature variation by automatic fan speed selection or freely selectable **3-step fan speed.**
- Improved efficiency by adoption of **DC fan motor.**
- **Standard DIII-net compatibility** – link your floor standing unit into the wider building management system.
- Improved comfort as a result of better airflow distribution from the improved vertical out blow which allows manual **adjustment of air outlet blades** at the top of the unit. Selectable horizontal out blow to better suit the lay-out of the room (only if connected to BRC1E52A/B).



- Selectable horizontal out blow to better suit the lay-out of the room (only if connected to BRC1E52A/B).



→ Concealed ceiling unit – FDQ-C

- New casing: **reduced height** to fit flush into false ceilings
- Blends unobtrusively with any **interior décor**: only the suction and discharge grilles are visible.
- Up to 200Pa external static pressure allows extensive ductwork runs and flexible application; **ideal for use in large areas.**
- **Easy installation:** less duct calculations are needed; moreover, the air flow can be adjusted during installation via the wired remote control (optional) instead of via channel adjustments.
- **Standard drain pump available.**
- **Optional DIII-net compatibility** – link your concealed ceiling unit into the wider building management system.

Sky Air Product range

Indoor units

Pair, twin, triple & double twin application

Type	Model	Product name		25
CEILING MOUNTED CASSETTE	High COP, Round flow ceiling mounted cassette	FCQHG-F		
	Round flow ceiling mounted cassette [4]	FCQG-F		
	4-way blow ceiling mounted cassette	FFQ-B9V		
CONCEALED CEILING	Inverter driven concealed ceiling unit	FBQ-C8 [2]		
	Large concealed ceiling unit	FDQ-C		
	Large concealed ceiling unit	FDQ-B [2]		
WALL MOUNTED	Wall mounted unit	FAQ-C		
CEILING SUSPENDED	Ceiling suspended unit	FHQG-C		
	Ceiling suspended unit	FHQ-B8		
	4-way blow ceilling suspended unit	FUQ-B8		
FLOOR STANDING	Floor standing unit	FVQ-C		

1) Only use these indoor units in combination with Daikin's CMSQ Multi System - 2) Twin, triple, double twin application is only possible up to 125 class - 3) Only combination with RZQG

Outdoor units

Pair, twin, triple & double twin application

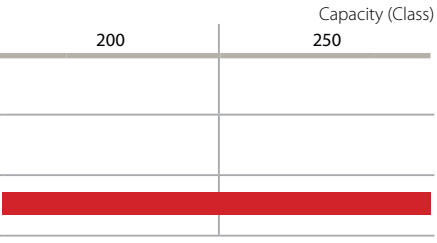
System	Type	Product name		71	100	125	140
AIR COOLED	HEAT PUMP	RZQG-L7V1/L7Y1 Seasonal Smart					
		RZQSG-LV1/LY1 Seasonal Classic					
		RZQ-CY1 Super Inverter					

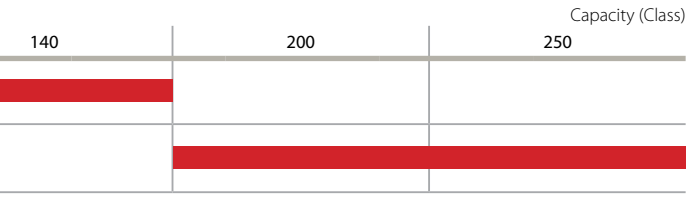
For connection with air handling units and biddle air curtain

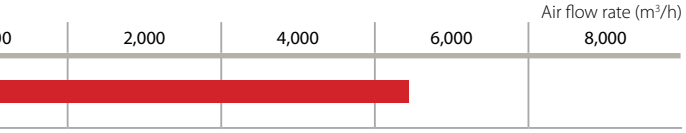
System	Type	Product name		71	100	125
AIR COOLED	HEAT PUMP	ERQ-AV1 [1] Condensing Units				
		ERQ-AW1 [1] Condensing Units				

1) Only use the condensing units in combinations with an air handling unit.

Type	Product name		0	200	600	800	1,000	1,50
ERQ AIR HANDLING APPLICATIONS	EKEXV-kit							

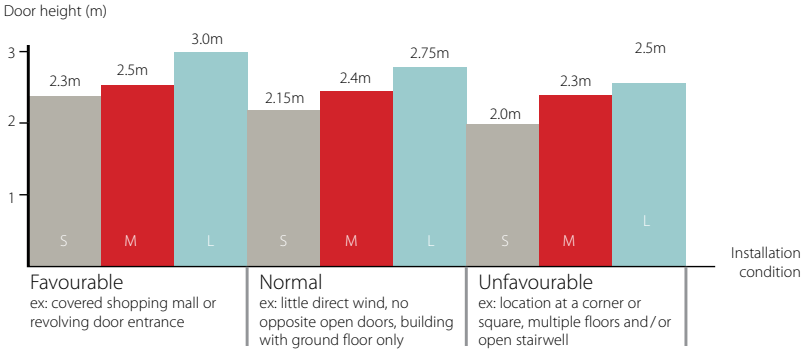






Biddle standard air curtain range

Type	Product name	
BIDDLE STANDARD AIR CURTAIN (CA) FREE HANGING	CYQS150DK80 *BN/*SN	
BIDDLE STANDARD AIR CURTAIN (CA) CASSETTE	CYQS200DK100 *BN/*SN	
BIDDLE STANDARD AIR CURTAIN (CA) RECESSED	CYQS250DK140 *BN/*SN	



Benefits overview Sky Air

		Ceiling mounted cassette				
		FCQHG-F	FCQG-F	FFQ-B9V	ACQ-A	FBQ-C8
						
We care icons	Seasonal efficiency Smart use of energy	✓	✓	✓		✓
	Inverter technology	✓	✓	✓		✓
	Energy efficiency	✓	✓		✓	
	Home leave operation	✓	✓	✓		✓
	Fan only	✓	✓	✓	✓	✓
	Auto cleaning panel	✓	✓			
Comfort	Draught prevention	✓	✓	✓		
	Whisper quiet	✓	✓	✓		✓
	Auto cooling-heating changeover	✓	✓	✓	✓	✓
Air treatment	Air filter	✓	✓	✓	✓	✓
Humidity control	Dry programme	✓	✓	✓		✓
Air flow	Ceiling soiling prevention	✓	✓	✓		
	Vertical auto swing	✓	✓	✓		
	Fan speed steps	3	3	2		3
Remote control & timer	Weekly timer	✓	✓	✓		✓
	Infrared remote control	✓	✓	✓	✓	✓
	Wired remote control	✓	✓	✓		✓
	Centralised control	✓	✓	✓		✓
Other funtions	Auto-restart	✓	✓	✓		✓
	Self-diagnosis	✓	✓	✓		✓
	Drain pump kit			✓		✓
	Twin/triple/double twin application	✓	✓	✓		✓
	Multi model application			✓		✓
	VRV for residential application			✓		✓

For explanation on the benefits, see the end of this catalogue.

Concealed ceiling unit			Ceiling suspended unit			4-Way blow ceiling suspended unit	Wall mounted unit	Floor standing unit
FDQ-B	**FDQ-C**	**ABQ-A**	**FHQG-C**	**FHQ-B8**	**AHQ-A**	**FUQ-B8**	**FAQ-C**	**FVQ-C**
								
	✓		✓			✓	✓	✓
✓	✓		✓	✓		✓	✓	✓
		✓						
✓	✓		✓	✓		✓	✓	✓
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						✓		
		✓						
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			✓	✓		✓	✓	✓
2	3		2	2		2	3	
✓	✓		✓	✓		✓	✓	✓
				✓	✓	✓	✓	
✓	✓	✓	✓	✓		✓	✓	✓
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	✓			✓		✓	✓	
✓	✓			✓		✓	✓	
				✓				
				✓				

FCQHG-F / RZQG-L7V1/LY1

High COP, round flow cassette

FCQHG100,125,140F

RZQG100,125,140L7V1/LY1

BRC1E52A/B BRC7AF532F

ROUND FLOW

SEASONAL EFFICIENCY

- Seasonal efficiency, optimized for all seasons
- Seasonal efficiency gives an indication on how efficient air conditioners operate over an entire heating or cooling season.
- High COP round flow cassette: ensures top performance.
- The round flow cassette provides a more comfortable environment and offers greater savings in energy consumption to shop, office and restaurant owners.
- The unique 360° air discharge ensures uniform air flow and temperature distribution
- The infrared presence sensor (optional) adjusts the set point with standard 1°C if no one is detected in the room, it is possible to adjust the set point with 2, 3 or 4°C (optional). It also automatically directs air flow away from any person to avoid draught.
- The infrared floor sensor (optional) detects the average floor temperature and ensures even temperature distribution between ceiling and floor. Cold feet will become history.
- Individual flap control: one or more flaps can be easily closed via the wired remote controller BRC1E52A/B) when refurbishing or rearranging your interior
- Modern style Standard panel is available in 3 different variations: standard panel in white (RAL9010) with grey louvers and standard panel in full white (RAL9010) including white louvers, auto cleaning panel in white (RAL9010) with grey louvers
- For auto cleaning panel (BYCQ140DG):
  - » Daikin introduces first auto cleaning cassette to European market
  - » Higher efficiency and comfort from daily auto cleaning of the filter
  - » Lower maintenance costs thanks to auto cleaning function
  - » Easy removal of dust with a vacuum cleaner without opening the unit
- No optional adapter needed for DIII-connection

Heating & Cooling

Seasonal Smart

INDOOR UNIT					FCQHG71F	FCQHG100F	FCQHG125F	FCQHG140F	FCQHG71F	FCQHG100F	FCQHG125F	FCQHG140F
Cooling capacity	Min./Nom./Max.			kW	-/6.8/-	-/9.5/-	-/12.0/-	-/13.4/-	-/6.8/-	-/9.5/-	-/12.0/-	-/13.4/-
Heating capacity	Min./Nom./Max.			kW	-/7.5/-	-/10.8/-	-/13.5/-	-/15.5/-	-/7.5/-	-/10.8/-	-/13.5/-	-/15.5/-
Power input	Cooling	Nom.		kW	1.66	2.15	3.00	4.00	1.66	2.15	3.00	4.00
	Heating	Nom.		kW	1.56	2.16	3.07	3.77	1.56	2.16	3.07	3.77
EER					4.09	4.42	4.00	3.35	4.09	4.42	4.00	3.35
COP					4.80	4.99	4.40	4.12	4.80	4.99	4.40	4.12
SEER					6.11	6.21	6.00	-	6.11	6.21	6.00	-
SCOP					4.18	4.30	3.89	-	4.18	4.30	3.89	-
Annual energy consumption				kWh	830	1,075	1,500	2,000	830	1,075	1,500	2,000
Energy label	Cooling/Heating				A/A				A/A			
Casing	Colour				-				-			
Dimensions	Unit	HeightxWidthxDepth		mm	288x840x840				288x840x840			
Weight	Unit			kg	25	26			25	26		
Standard panel	Model				BYCQ140D7W1				BYCQ140D7W1			
	Colour				Pure White (RAL 9010)				Pure White (RAL 9010)			
	Dimensions	HeightxWidthxDepth		mm	60x950x950				60x950x950			
	Weight			kg	5.4				5.4			
White panel	Model				BYCQ140D7W1W				BYCQ140D7W1W			
	Colour				Pure White (RAL 9010)				Pure White (RAL 9010)			
	Dimensions	HeightxWidthxDepth		mm	60x950x950				60x950x950			
	Weight			kg	5.4				5.4			
Auto-cleaning panel	Model				BYCQ140D7GW1				BYCQ140D7GW1			
	Colour				Pure White (RAL 9010)				Pure White (RAL 9010)			
	Dimensions	HeightxWidthxDepth		mm	145x950x950				145x950x950			
	Weight			kg	10.3				10.3			
Fan - Air flow rate	Cooling	High/Nom./Low		m^3/min	21.2/16.7/12.2	32.3/25.7/19.0	33.5/26.7/19.9	33.5/27.3/21.1	21.2/16.7/12.2	32.3/25.7/19.0	33.5/26.7/19.9	33.5/27.3/21.1
	Heating	High/Nom./Low		m^3/min	21.2/16.7/12.2	32.3/25.7/19.0	33.5/26.7/19.9	33.5/27.3/21.1	21.2/16.7/-/12.2	32.3/25.7/19.0	33.5/26.7/19.9	33.5/27.3/21.1
Sound power level	Cooling	High		dBA	53	61			53	61		
	Heating	High		dBA	53	61			53	61		
Sound pressure level	Cooling	High/Nom./Low		dBA	36/33/29	44/39/33	45/40/35	45/41/37	36/33/29	44/39/33	45/40/35	45/41/37
	Heating	High/Nom./Low		dBA	36/33/29	44/39/33	45/40/35	45/41/37	36/33/29	44/39/33	45/40/35	45/41/37
Refrigerant	Type				R-410A				R-410A			
Piping connections	Liquid	OD		mm	9.52				9.52			
	Gas	OD		mm	15.9				15.9			
Power supply	Phase / Frequency / Voltage			Hz / V	1~ / 50 / 220-240				1~ / 50 / 220-240			

OUTDOOR UNIT					RZQG71L7V1	RZQG100L7V1	RZQG125L7V1	RZQG140L7V1	RZQG71LY1	RZQG100LY1	RZQG125LY1	RZQG140LY1
Dimensions	Unit	HeightxWidthxDepth		mm	990x940x320	1,430x940x320			990x940x320	1,430x940x320		
Weight	Unit			kg	78	102			80	101		
Fan - Air flow rate	Cooling	Nom.		m^3/min	59	70		84	59	70		84
	Heating	Nom.		m^3/min	49	62			49	62		
Sound power level	Cooling	Nom.		dBA	64	66	67	69	64	66	67	69
Sound pressure level	Cooling	Nom.		dBA	48	50	51	52	48	50	51	52
	Heating	Nom.		dBA	50	52	53		50	52	53	
	Night quiet mode	Level 1		dBA	43	45			43	45		
Operation range	Cooling	Ambient	Min.~Max.	°CDB	-15.0~50.0				-15.0~50.0			
	Heating	Ambient	Min.~Max.	°CWB	-20.0~15.5				-20.0~15.5			
Refrigerant	Type				R-410A				R-410A			
Piping connections	Liquid	OD		mm	9.52				9.52			
	Gas	OD		mm	15.9				15.9			
	Drain	OD		mm	26				26			
	Level difference	IU - OU	Max.	m	30.0				30.0			
		IU - IU	Max.	m	0.5				0.5			
	Total piping length	System	Equivalent	m	70	90			70	90		
Power supply	Phase / Frequency / Voltage			Hz / V	1~ / 50 / 220-240				3N~ / 50 / 380-415			

FCQHG-F / RZQSG-LV1/Y1

Heating & Cooling

Seasonal Classic

INDOOR UNIT					FCQHG71F	FCQHG100F	FCQHG125F	FCQHG140F	FCQHG100F	FCQHG125F	FCQHG140F
Cooling capacity	Min./Nom./Max.			kW	-/6.8/-	-/9.5/-	-/12.0/-	-/13.4/-	-/9.5/-	-/12.0/-	-/13.4/-
Heating capacity	Min./Nom./Max.			kW	-/7.5/-	-/10.8/-	-/13.5/-	-/15.5/-	-/10.8/-	-/13.5/-	-/15.5/-
Power input	Cooling	Nom.		kW	2.12	2.57	3.71	4.17	2.57	3.71	4.17
	Heating	Nom.		kW	2.08	2.51	3.60	4.29	2.51	3.60	4.29
EER					3.21	3.70	3.23	3.21	3.70	3.23	3.21
COP					3.61	4.30	3.75	3.61	4.30	3.75	3.61
SEER					5.11	5.70	5.21	-	5.70	5.21	-
SCOP					3.81	3.91	3.81	-	3.91	3.81	-
Annual energy consumption				kWh	1,059	1,285	1,855	2,085	1,285	1,855	2,085
Energy label	Cooling/Heating				A/A				A/A		
Casing	Colour				-				-		
Dimensions	Unit	HeightxWidthxDepth		mm	288x840x840				288x840x840		
Weight	Unit			kg	25	26			26		
Standard panel	Model				BYCQ140D7W1				BYCQ140D7W1		
	Colour				Pure White (RAL 9010)				Pure White (RAL 9010)		
	Dimensions	HeightxWidthxDepth		mm	60x950x950				60x950x950		
	Weight			kg	5.4				5.4		
White panel	Model				BYCQ140D7W1W				BYCQ140D7W1W		
	Colour				Pure White (RAL 9010)				Pure White (RAL 9010)		
	Dimensions	HeightxWidthxDepth		mm	60x950x950				60x950x950		
	Weight			kg	5.4				5.4		
Auto-cleaning panel	Model				BYCQ140D7GW1				BYCQ140D7GW1		
	Colour				Pure White (RAL 9010)				Pure White (RAL 9010)		
	Dimensions	HeightxWidthxDepth		mm	145x950x950				145x950x950		
	Weight			kg	10.3				10.3		
Fan - Air flow rate	Cooling	High/Nom./Low		m^3/min	21.2/16.7/12.2	32.3/25.7/19.0	33.5/26.7/19.9	33.5/27.3/21.1	32.3/25.7/19.0	33.5/26.7/19.9	33.5/27.3/21.1
	Heating	High/Nom./Low		m^3/min	21.2/16.7/12.2	32.3/25.7/19.0	33.5/26.7/19.9	33.5/27.3/21.1	32.3/25.7/19.0	33.5/26.7/19.9	33.5/27.3/21.1
Sound power level	Cooling	High		dBA	53	61			61		
	Heating	High		dBA	53	61			61		
Sound pressure level	Cooling	High/Nom./Low		dBA	36/33/29	44/39/33	45/40/35	45/41/37	44/39/33	45/40/35	45/41/37
	Heating	High/Nom./Low		dBA	36/33/29	44/39/33	45/40/35	45/41/37	44/39/33	45/40/35	45/41/37
Refrigerant	Type				R-410A				R-410A		
Piping connections	Liquid	OD		mm	9.52				9.52		
	Gas	OD		mm	15.9				15.9		
Power supply	Phase / Frequency / Voltage			Hz / V	1~ / 50 / 220-240				1~ / 50 / 220-240		

OUTDOOR UNIT					RZQSG71LV1	RZQSG100LV1	RZQSG125LV1	RZQSG140LV1	RZQSG100LY1	RZQSG125LY1	RZQSG140LY1
Dimensions	Unit	HeightxWidthxDepth		mm	770x900x320	990x940x320		1,430x940x320	990x940x320		1,430x940x320
Weight	Unit			kg	67	81		102	82		101
Fan - Air flow rate	Cooling	Nom.		m^3/min	52	76	77	83	76	77	83
	Heating	Nom.		m^3/min	48	83		62	83		62
Sound power level	Cooling	Nom.		dBA	65	69	70	69	69	70	69
Sound pressure level	Cooling	Nom./Silent operation		dBA	49/47	53/49	54/49	53/49	53/-	54/-	53/-
	Heating	Nom.		dBA	51	57	58	54	57	58	54
	Night quiet mode	Level 1		dBA	-				49		
Operation range	Cooling	Ambient	Min.~Max.	°CDB	-5.0~46	-5.0~46.0			-5.0~46.0		
	Heating	Ambient	Min.~Max.	°CWB	-15~15.5	-15.0~15.5			-15.0~15.5		
Refrigerant	Type				R-410A				R-410A		
Piping connections	Liquid	OD		mm	9.52				9.52		
	Gas	OD		mm	15.9				15.9		
	Drain	OD		mm	26				26		
	Level difference	IU - OU	Max.	m	15	30.0			30.0		
		IU - IU	Max.	m	0.5				0.5		
	Total piping length	System	Equivalent	m	70	90			90		
Power supply	Phase / Frequency / Voltage			Hz / V	1~ / 50 / 220-240				3N~ / 50 / 380-415		

FCQG-F / RZQG-L7V1/LY1

High COP Round flow cassette

FCQG100,125,140F

RZQG100,125,140L7V1/LY1

BRC1E52A/B BRC7AF532F

ROUND FLOW

SEASONAL EFFICIENCY

- Seasonal efficiency, optimized for all seasons
- Seasonal efficiency gives an indication on how efficient air conditioners operate over an entire heating or cooling season.
- High COP round flow cassette ensures top performance
- The round flow cassette provides a more comfortable environment and offers greater savings in energy consumption to shop, office and restaurant owners.
- The unique 360° air discharge ensures uniform air flow and temperature distribution
- The infrared presence sensor (optional) adjusts the set point with standard 1°C if no one is detected in the room, it is possible to adjust the set point with 2, 3 or 4°C (optional). It also automatically directs air flow away from any person to avoid draught.
- The infrared floor sensor (optional) detects the average floor temperature and ensures even temperature distribution between ceiling and floor. Cold feet will become history.
- Individual flap control: one or more flaps can be easily closed via the wired remote controller (BRC1E52A/B) when refurbishing or rearranging your interior
- Modern style Standard panel is available in 3 different variations: standard panel in white (RAL9010) with grey louvers and standard panel in full white (RAL9010) including white louvers, auto cleaning panel in white (RAL9010) with grey louvers
- For auto cleaning panel (BYCQ140DG):
  - Daikin introduces first auto cleaning cassette to European market
  - Higher efficiency and comfort from daily auto cleaning of the filter
  - Lower maintenance costs thanks to auto cleaning function
  - Easy removal of dust with a vacuum cleaner without opening the unit
- No optional adapter needed for DIII-connection

Heating & Cooling

Seasonal Smart

INDOOR UNIT					FCQG71F	FCQG100F	FCQG125F	FCQG140F	FCQG71F	FCQG100F	FCQG125F	FCQG140F
Cooling capacity	Min./Nom./Max.			kW	-/6.8/-	-/9.5/-	-/12.0/-	-/13.4/-	-/6.8/-	-/9.5/-	-/12.0/-	-/13.4/-
Heating capacity	Min./Nom./Max.			kW	-/7.5/-	-/10.8/-	-/13.5/-	-/15.5/-	-/7.5/-	-/10.8/-	-/13.5/-	-/15.5/-
Power input	Cooling	Nom.		kW	2.01	2.45	3.22	4.17	2.01	2.45	3.22	4.17
	Heating	Nom.		kW	1.89	2.60	3.72	4.30	1.89	2.60	3.72	4.30
EER					3.39	3.87	3.73	3.21	3.39	3.87	3.73	3.21
COP					3.97	4.15	3.63	3.61	3.97	4.15	3.63	3.61
SEER					5.81	5.99	5.69	-	5.81	5.99	5.69	-
SCOP					4.13	3.93	3.84	-	4.13	3.93	3.84	-
Annual energy consumption				kWh	1,005	1,225	1,610	2,085	1,005	1,225	1,610	2,085
Energy label	Cooling/Heating				A/A							
Casing	Colour				-				-			
Dimensions	Unit	HeightxWidthxDepth		mm	204x840x840	246x840x840			204x840x840			
Weight	Unit			kg	21	24			21	24		
Standard panel	Model				BYCQ140D7W1							
	Colour				Pure White (RAL 9010)							
	Dimensions	HeightxWidthxDepth		mm	60x950x950				60x950x950			
	Weight			kg	5.4				5.4			
White panel	Model				BYCQ140D7W1W							
	Colour				Pure White (RAL 9010)							
	Dimensions	HeightxWidthxDepth		mm	60x950x950				60x950x950			
	Weight			kg	5.4				5.4			
Auto-cleaning panel	Model				BYCQ140D7GW1							
	Colour				Pure White (RAL 9010)							
	Dimensions	HeightxWidthxDepth		mm	145x950x950				145x950x950			
	Weight			kg	10.3				10.3			
Fan - Air flow rate	Cooling	High/Nom./Low		m^3/min	15.0/12.1/9.1	22.8/17.6/12.4	26.0/19.2/12.4		15.0/12.1/9.1	22.8/17.6/12.4	26.0/19.2/12.4	
	Heating	High/Nom./Low		m^3/min	15.0/12.1/9.1	22.8/17.6/12.4	26.0/19.2/12.4		15.0/12.1/9.1	22.8/17.6/12.4	26.0/19.2/12.4	
Sound power level	Cooling	High		dBA	51	54	58		51	54	58	
	Heating	High		dBA	51	54	58		51	54	58	
Sound pressure level	Cooling	High/Nom./Low		dBA	33/31/28	37/33/29	41/35/29		33/31/28	37/33/29	41/35/29	
	Heating	High/Nom./Low		dBA	33/31/28	37/33/29	41/35/29		33/31/28	37/33/29	41/35/29	
Refrigerant	Type				R-410A				R-410A			
Piping connections	Liquid	OD		mm	9.52				9.52			
	Gas	OD		mm	15.9				15.9			
Power supply	Phase / Frequency / Voltage			Hz / V	1~ / 50 / 220-240				1~ / 50 / 220-240			

OUTDOOR UNIT					RZQG71L7V1	RZQG100L7V1	RZQG125L7V1	RZQG140L7V1	RZQG71LY1	RZQG100LY1	RZQG125LY1	RZQG140LY1
Dimensions	Unit	HeightxWidthxDepth		mm	990x940x320	1,430x940x320			990x940x320	1,430x940x320		
Weight	Unit			kg	78	102			80	101		
Fan - Air flow rate	Cooling	Nom.		m^3/min	59	70		84	59	70		84
	Heating	Nom.		m^3/min	49	62			49	62		
Sound power level	Cooling	Nom.		dBA	64	66	67	69	64	66	67	69
Sound pressure level	Cooling	Nom.		dBA	48	50	51	52	48	50	51	52
	Heating	Nom.		dBA	50	52	53		50	52	53	
	Night quiet mode	Level 1		dBA	43	45			43	45		
Operation range	Cooling	Ambient	Min.~Max.	°CDB	-15.0~50.0				-15.0~50.0			
	Heating	Ambient	Min.~Max.	°CWB	-20.0~15.5				-20.0~15.5			
Refrigerant	Type				R-410A				R-410A			
Piping connections	Liquid	OD		mm	9.52				9.52			
	Gas	OD		mm	15.9				15.9			
	Drain	OD		mm	26				26			
	Level difference	IU - OU	Max.	m	30.0				30.0			
		IU - IU	Max.	m	0.5				0.5			
	Total piping length	System	Equivalent	m	70	90			70	90		
Power supply	Phase / Frequency / Voltage			Hz / V	1~ / 50 / 220-240				3N~ / 50 / 380-415			

FCQG-F / RZQSG-LV1/Y1

Heating & Cooling

Seasonal Classic

INDOOR UNIT					FCQG71F	FCQG100F	FCQG125F	FCQG140F	FCQG100F	FCQG125F	FCQG140F
Cooling capacity	Min./Nom./Max.			kW	-/6.8/-	-/9.5/-	-/12.0/-	-/13.4/-	-/9.5/-	-/12.0/-	-/13.4/-
Heating capacity	Min./Nom./Max.			kW	-/7.5/-	-/10.8/-	-/13.5/-	-/15.5/-	-/10.8/-	-/13.5/-	-/15.5/-
Power input	Cooling	Nom.		kW	1.94	2.88	3.74	4.45	2.88	3.74	4.45
	Heating	Nom.		kW	1.83	3.05	3.96	4.54	3.05	3.96	4.54
EER					3.5	3.30	3.21	3.01	3.30	3.21	3.01
COP					4.1	3.54	3.41		3.54	3.41	
SEER					5.7	5.11		-	5.11	5.11	-
SCOP					3.95	3.80	3.81	-	3.80	3.81	-
Annual energy consumption				kWh	971	1,440	1,870	2,225	1,440	1,870	2,225
Energy label	Cooling/Heating				A/A		A/B	B/B	A/A	A/B	B/B
Casing	Colour				-				-		
Dimensions	Unit	HeightxWidthxDepth		mm	204x840x840	246x840x840			246x840x840		
Weight	Unit			kg	21	24			24		
Standard panel	Model				BYCQ140D7W1				BYCQ140D7W1		
	Colour				Pure White (RAL 9010)				Pure White (RAL 9010)		
	Dimensions	HeightxWidthxDepth		mm	60x950x950				60x950x950		
	Weight			kg	5.4				5.4		
White panel	Model				BYCQ140D7W1W				BYCQ140D7W1W		
	Colour				Pure White (RAL 9010)				Pure White (RAL 9010)		
	Dimensions	HeightxWidthxDepth		mm	60x950x950				60x950x950		
	Weight			kg	5.4				5.4		
Auto-cleaning panel	Model				BYCQ140D7GW1				BYCQ140D7GW1		
	Colour				Pure White (RAL 9010)				Pure White (RAL 9010)		
	Dimensions	HeightxWidthxDepth		mm	145x950x950				145x950x950		
	Weight			kg	10.3				10.3		
Fan - Air flow rate	Cooling	High/Nom./Low		m^3/min	15.0/12.1/9.1	22.8/17.6/12.4	26.0/19.2/12.4		22.8/17.6/12.4	26.0/19.2/12.4	
	Heating	High/Nom./Low		m^3/min	15.0/12.1/9.1	22.8/17.6/12.4	26.0/19.2/12.4		22.8/17.6/12.4	26.0/19.2/12.4	
Sound power level	Cooling	High		dBA	51	54	58		54	58	
	Heating	High		dBA	51	54	58		54	58	
Sound pressure level	Cooling	High/Nom./Low		dBA	33/31/28	37/33/29	41/35/29		37/33/29	41/35/29	
	Heating	High/Nom./Low		dBA	33/31/28	37/33/29	41/35/29		37/33/29	41/35/29	
Refrigerant	Type				R-410A				R-410A		
Piping connections	Liquid	OD		mm	9.52				9.52		
	Gas	OD		mm	15.9				15.9		
Power supply	Phase / Frequency / Voltage			Hz / V	1~ / 50 / 220-240				1~ / 50 / 220-240		

OUTDOOR UNIT					RZQSG71LV1	RZQSG100LV1	RZQSG125LV1	RZQSG140LV1	RZQSG100LY1	RZQSG125LY1	RZQSG140LY1
Dimensions	Unit	HeightxWidthxDepth		mm	770x900x320	990x940x320		1,430x940x320	990x940x320		1,430x940x320
Weight	Unit			kg	67	81		102	82		101
Fan - Air flow rate	Cooling	Nom.		m^3/min	52	76	77	83	76	77	83
	Heating	Nom.		m^3/min	48	83		62	83		62
Sound power level	Cooling	Nom.		dBA	65	69	70	69	69	70	69
Sound pressure level	Cooling	Nom.		dBA	49/47	53/49	54/49	53/49	53	54	53
	Heating	Nom.		dBA	51	57	58	54	57	58	54
	Night quiet mode	Level 1		dBA	-				49		
Operation range	Cooling	Ambient	Min.~Max.	°CDB	-5.0~46	-5.0~46.0			-5.0~46.0		
	Heating	Ambient	Min.~Max.	°CWB	-15~15.5	-15.0~15.5			-15.0~15.5		
Refrigerant	Type				R-410A				R-410A		
Piping connections	Liquid	OD		mm	9.52				9.52		
	Gas	OD		mm	15.9				15.9		
	Drain	OD		mm	26				26		
	Level difference	IU - OU	Max.	m	15	30.0			30.0		
		IU - IU	Max.	m	0.5				0.5		
	Total piping length	System	Equivalent	m	70	90			90		
Power supply	Phase / Frequency / Voltage			Hz / V	1~ / 50 / 220-240				3N~ / 50 / 380-415		

FCQG-F / RXS-J/F

Round flow cassette

FCQG35,50,60F

RXS35J

BRC1E52A/B BRC7AF532F

ROUND FLOW

INVERTER

- The round flow cassette provides a more comfortable environment and offers greater savings in energy consumption to shop, office and restaurant owners.
- The unique 360° air discharge ensures uniform air flow and temperature distribution
- The infrared presence sensor (optional) adjusts the set point with standard 1°C if no one is detected in the room, it is possible to adjust the set point with 2, 3 or 4°C (optional). It also automatically directs air flow away from any person to avoid draught.

- The infrared floor sensor (optional) detects the average floor temperature and ensures even temperature distribution between ceiling and floor. Cold feet will become history.
- Individual flap control: one or more flaps can be easily closed via the wired remote controller (BRC1E52A/B) when refurbishing or rearranging your interior
- Modern style Standard panel is available in 3 different variations: standard panel in white (RAL9010) with grey louvers and standard panel in full white (RAL9010) including white louvers, auto cleaning panel in white (RAL9010) with grey louvers
- For auto cleaning panel (BYCQ140DG)
  - » Easy removal of dust with a vacuum cleaner without opening the unit
- No optional adapter needed for DIII-connection

Heating & Cooling

INDOOR UNIT				FCQG35F	FCQG50F	FCQG60F
Cooling capacity	Min./Nom./Max.		kW	-/3.40/-	-/5.00/-	-/5.70/-
Heating capacity	Min./Nom./Max.		kW	-/4.20/-	-/6.00/-	-/7.00/-
Power input	Cooling	Nom.	kW	0.95	1.41	1.64
	Heating	Nom.	kW	1.23	1.62	1.99
EER				3.58	3.55	3.48
COP				3.41	3.70	3.52
Annual energy consumption			kWh	475	705	820
Energy label	Cooling/Heating			A/B	A/A	A/B
Casing	Colour			-		
Dimensions	Unit	HeightxWidthxDepth	mm	204x840x840		
Weight	Unit		kg	18	19	
Standard panel	Model			BYCQ140D7W1		
	Colour			Pure White (RAL 9010)		
	Dimensions	HeightxWidthxDepth	mm	60x950x950		
	Weight		kg	5.4		
White panel	Model			BYCQ140D7W1W		
	Colour			Pure White (RAL 9010)		
	Dimensions	HeightxWidthxDepth	mm	60x950x950		
	Weight		kg	5.4		
Auto-cleaning panel	Model			BYCQ140D7GW1		
	Colour			Pure White (RAL 9010)		
	Dimensions	HeightxWidthxDepth	mm	145x950x950		
	Weight		kg	10.3		
Fan - Air flow rate	Cooling	High/Nom./Low	m^3/min	12.5/10.6/8.7	12.6/10.7/8.7	13.6/11.2/8.7
	Heating	High/Nom./Low	m^3/min	12.5/10.6/8.7	12.6/10.7/8.7	13.6/11.2/8.7
Sound power level	Cooling	High	dBA	49		51
	Heating	High	dBA	49		51
Sound pressure level	Cooling	High/Nom./Low	dBA	31/29/27		33/31/28
	Heating	High/Nom./Low	dBA	31/29/27		33/31/28
Refrigerant	Type			R-410A		
Piping connections	Liquid	OD	mm	6.35		
	Gas	OD	mm	9.52	12.7	
Power supply	Phase / Frequency / Voltage		Hz / V	1~ / 50 / 220-240		

OUTDOOR UNIT					RXS35J	RXS50J	RXS60F
Dimensions	Unit	HeightxWidthxDepth		mm	550x765x285	735x825x300	
Weight	Unit			kg	34	48	
Fan - Air flow rate	Cooling	High/Super low		m^3/min	36.0/30.1	50.9/48.9	50.9/42.4
	Heating	High/Super low		m^3/min	28.3/25.6	45.0/43.1	46.3/42.4
Sound power level	Cooling	Nom./High		dBA	-/63		63
Sound pressure level	Cooling	High/Silent operation		dBA	48/44		49/46
	Heating	High/Silent operation		dBA	48/45		49/46
Operation range	Cooling	Ambient	Min.~Max.	°CDB	-10~46		
	Heating	Ambient	Min.~Max.	°CWB	-15~18		-15~20
Refrigerant	Type				R-410A		
Piping connections	Liquid	OD		mm	6.35		-
	Gas	OD		mm	9.52	12.7	-
	Level difference	IU - OU	Max.	m	15	20	
	Total piping length	System	Equivalent	m	-		-
Power supply	Phase / Frequency / Voltage			Hz / V	1~ / 50 / 220-240		

FFQ-B9V / RXS-K/J/F

600x600, 4-way blow ceiling mounted cassette

FFQ25,35,50,60B9V

RXS60F

BRC1E52A/B BRC7E530W

INVERTER

- Energy efficient units: up to class A energy labels
- Compact casing (575mm in width and depth) enables unit to fit flush into ceilings and match standard architectural modules, without cutting ceiling tiles
- Whisper quiet operation: down to 24.5dBA sound pressure level
- Fresh air intake for healthy living
- Comfortable vertical auto swing ensures draughtfree operation and prevents ceiling soiling
- Since the flaps can move to a 0 degree position, virtually no draught can be experienced
- Possibility to shut 1 or 2 flaps for easy installation in corners
- Easy maintenance: switch box can be reached by simply removing the suction grille
- Standard drain pump with 750mm lift

Heating & Cooling

INDOOR UNIT				FFQ25B9V	FFQ35B9V	FFQ50B9V	FFQ60B9V
Cooling capacity	Min./Nom./Max.		kW	-/2.50/-	1.4/3.4/3.7	0.9/4.7/5.6	-/5.80/-
Heating capacity	Min./Nom./Max.		kW	-/3.20/-	1.4/4.5/5.0	0.9/5.5/7.0	-/7.00/-
Power input	Cooling	Nom.	kW	0.73	0.300/1,300.000/1,470.000	0.450/1.800/2.260	2.07
	Heating	Nom.	kW	0.92	0.290/1.600/1.800	0.450/1.960/2.780	2.49
EER				3.43	2.62	2.61	2.80
COP				3.48	2.81		2.81
Annual energy consumption			kWh	365	650	900	1,035
Energy label	Cooling/Heating			A/B	D/D		
Casing	Colour			Unpainted			
Dimensions	Unit	HeightxWidthxDepth	mm	286x575x575			
Weight	Unit		kg	17.5			
Standard panel	Model			BYFQ60BW1			
	Colour			Pure White (RAL 9010)			
	Dimensions	HeightxWidthxDepth	mm	55x700x700			
	Weight		kg	2.7			
Fan - Air flow rate	Cooling	High/Nom./Low	m^3/min	9.0/-/6.5	10.0/-/6.5	12.0/-/8.0	15.0/-/10.0
	Heating	High/Nom./Low	m^3/min	-/-/-			
Sound power level	Cooling	High/Nom./Low	dBA	46.5/-/-	49/-/-	53/-/-	58/-/-
Sound pressure level	Cooling	High/Nom./Low	dBA	29.5/-/24.5	32/-/25	36/-/27	41/-/32
	Heating	High/Nom./Low	dBA	-/-/-			
Refrigerant	Type			R-410A			
Piping connections	Liquid	OD	mm	6.35			
	Gas	OD	mm	9.52	9.5	12.7	
Power supply	Phase / Frequency / Voltage		Hz / V	1~ / 50 / 220-240			

OUTDOOR UNIT					RXS25K	RXS35J	RXS50J	RXS60F
Dimensions	Unit	HeightxWidthxDepth		mm	550x765x285		735x825x300	
Weight	Unit			kg	34		48	
Fan - Air flow rate	Cooling	High/Super low		m^3/min	33.5/30.1		50.9/48.9	50.9/42.4
	Heating	High/Super low		m^3/min	28.3/25.6		45.0/43.1	46.3/42.4
Sound power level	Cooling	Nom./High		dBA	-/61	-/63		
Sound pressure level	Cooling	High/Silent operation		dBA	46/43	48/44		49/46
	Heating	High/Silent operation		dBA	47/44	48/45		49/46
Operation range	Cooling	Ambient	Min.~Max.	°CDB	-10~46			
	Heating	Ambient	Min.~Max.	°CWB	-15~18			-15~20
Refrigerant	Type				R-410A			
Piping connections	Liquid	OD		mm	6.35			-
	Gas	OD		mm	9.5		12.7	-
	Level difference	IU - OU	Max.	m	18.0	15	20	
	Piping length	OU-IU	Max.	m	20			30
	Heat insulation				15	Both liquid and gas pipes		
Power supply	Phase / Frequency / Voltage			Hz / V	1~ / 50 / 220-240			

FBQ-C8 / RZQG-L7V/LY1 Concealed ceiling unit with inverter driven fan

FBQ100,125,140C8

RZQG100,125,140L7V1/LY1

BRC1E52A/B

- Seasonal efficiency, optimised for all seasons
- Seasonal efficiency gives an indication on how efficient an air conditioner operates over an entire heating or cooling season
- The Sky Air inverter is developed for use in light commercial applications, provides a more comfortable environment and offers great savings in energy consumption to shop, restaurant and office owners
- Blends unobtrusively with any interior décor: only the suction and discharge grilles are visible
- Reduction in power consumption thanks to DC inverter fans
- Improved comfort thanks to 3-step air flow control
- Possibility to change ESP via wired remote control allows optimisation of the supply air volume
- Up to 120Pa external static pressure facilitates using flexible ducts of variying lengths: ideal for shops and medium size offices
- Whisper quiet operation: down to 29dBA sound pressure level
- During start up, the room can be cooled down or heated very quickly; once the temperature in the room has reached its set point, the low power operation starts to save energy.
- Standard air filter removes airborne dust particles to ensure a steady supply of clean air
- Easy installation thanks to automatic air flow adjustment towards nominal air flow rate
- Standard built-in drain pump increases reliability of the drain system
- No optional adapter needed for DIII-connection

Heating & Cooling

Seasonal Smart

INDOOR UNIT					FBQ71C8	FBQ100C8	FBQ125C8	FBQ140C8	FBQ71C8	FBQ100C8	FBQ125C8	FBQ140C8
Cooling capacity	Min./Nom./Max.			kW	-/6.8/-	-/9.5/-	-/12.0/-	-/13.4/-	-/6.8/-	-/9.5/-	-/12.0/-	-/13.4/-
Heating capacity	Min./Nom./Max.			kW	-/7.5/-	-/10.8/-	-/13.5/-	-/15.5/-	-/7.5/-	-/10.8/-	-/13.5/-	-/15.5/-
Power input	Cooling	Nom.		kW	1.94	2.44	3.15	4.02	1.94	2.44	3.15	4.02
	Heating	Nom.		kW	2.05	2.57	3.53	4.30	2.05	2.57	3.53	4.30
EER					3.50	3.89	3.81	3.33	3.50	3.89	3.81	3.33
COP					3.65	4.21	3.83	3.61	3.65	4.21	3.83	3.61
SEER					5.61			-	5.61			-
SCOP					4.01	4.25	4.05	-	4.01	4.25	4.05	-
Annual energy consumption				kWh	970	1,220	1,575	2,010	970	1,220	1,575	2,010
Energy label	Cooling/Heating				A/A				A/A			
Casing	Colour				Not painted (galvanised)				Not painted (galvanised)			
Dimensions	Unit	HeightxWidthxDepth		mm	300x1,000x700	300x1,400x700			300x1,000x700	300x1,400x700		
Required ceiling void >				mm	350				350			
Weight	Unit			kg	34	45			34	45		
Standard panel	Model				BYBS71DJW1	BYBS125DJW1			BYBS125DJW1			
	Colour				White (10Y9/0.5)				White (10Y9/0.5)			
	Dimensions	HeightxWidthxDepth		mm	55x1,100x500	55x1,500x500			55x1,100x500	55x1,500x500		
	Weight			kg	4.5	6			4.5	6		
Fan - Air flow rate	Cooling	High/Nom./Low		m^3/min	18/-/15	32/-/23	39/-/28		18/15/-	32/-/23	39/-/28	
	Heating	High/Nom./Low		m^3/min	18/-/15	32/-/23	39/-/28	41/-/29	18/-/15	32/-/23	39/-/28	41/-/29
Fan - External static pressure	High/Nom.			Pa	100/30	120/40	120/50		100/30	120/40	120/50	
Sound power level	Cooling	High/Nom./Low		dBA	-/57/-	-/61/-	-/66/-		57	-/61/-	-/66/-	
Sound pressure level	Cooling	High/Nom./Low		dBA	37/-/29	38/-/32	40/-/33		37/-/29	38/-/32	40/-/33	
	Heating	High/Nom./Low		dBA	37/-/29	38/-/32	40/-/33	41/-/34	37/-/29	38/-/32	40/-/33	41/-/34
Refrigerant	Type				R-410A				R-410A			
Piping connections	Liquid	OD		mm	9.52				9.52			
	Gas	OD		mm	15.9				15.9			
Power supply	Phase / Frequency / Voltage			Hz / V	1~ / 50/60 / 220-240/220				1~ / 50/60 / 220-240/220			

OUTDOOR UNIT					RZQG71L7V1	RZQG100L7V1	RZQG125L7V1	RZQG140L7V1	RZQG71LY1	RZQG100LY1	RZQG125LY1	RZQG140LY1
Dimensions	Unit	HeightxWidthxDepth		mm	990x940x320	1,430x940x320			990x940x320	1,430x940x320		
Weight	Unit			kg	78	102			80	101		
Fan - Air flow rate	Cooling	Nom.		m^3/min	59	70		84	59	70		84
	Heating	Nom.		m^3/min	49	62			49	62		
Sound power level	Cooling	Nom.		dBA	64	66	67	69	64	66	67	69
Sound pressure level	Cooling	Nom.		dBA	48	50	51	52	48	50	51	52
	Heating	Nom.		dBA	50	52	53		50	52	53	
	Night quiet mode	Level 1		dBA	43	45			43	45		
Operation range	Cooling	Ambient	Min.~Max.	°CDB	-15.0~50.0				-15.0~50.0			
	Heating	Ambient	Min.~Max.	°CWB	-20.0~15.5				-20.0~15.5			
Refrigerant	Type				R-410A				R-410A			
Piping connections	Liquid	OD		mm	9.52				9.52			
	Gas	OD		mm	15.9				15.9			
	Drain	OD		mm	26				26			
	Level difference	IU - OU	Max.	m	30.0				50	30.0		
		IU - IU	Max.	m	0.5				0.5			
	Total piping length	System	Equivalent	m	70	90			70	90		
Power supply	Phase / Frequency / Voltage			Hz / V	1~ / 50 / 220-240				3N~ / 50 / 380-415			

FBQ-C8 / RZQSG-LV1/Y1

Heating & Cooling

Seasonal Classic

INDOOR UNIT					FBQ71C8	FBQ100C8	FBQ125C8	FBQ140C8	FBQ100C8	FBQ125C8	FBQ140C8
Cooling capacity	Min./Nom./Max.			kW	-/6.8/-	-/9.5/-	-/12.0/-	-/13.4/-	-/9.5/-	-/12.0/-	-/13.4/-
Heating capacity	Min./Nom./Max.			kW	-/7.5/-	-/10.8/-	-/13.5/-	-/15.5/-	-/10.8/-	-/13.5/-	-/15.5/-
Power input	Cooling	Nom.		kW	2.07	2.87	3.74	4.44	2.87	3.74	4.44
	Heating	Nom.		kW	2.08	2.96	3.85	4.54	2.96	3.85	4.54
EER					3.28	3.31	3.21	3.02	3.31	3.21	3.02
COP					3.61	3.65	3.51	3.41	3.65	3.51	3.41
SEER					5.11	5.11	4.35	-	5.11	4.35	-
SCOP					3.81	3.81		-	3.81		-
Annual energy consumption				kWh	1,037	1,435	1,870	2,220	1,435	1,870	2,220
Energy label	Cooling/Heating				A/A		A/B	B/B	A/A	A/B	B/B
Casing	Colour				Not painted (galvanised)				Not painted (galvanised)		
Dimensions	Unit	HeightxWidthxDepth		mm	300x1,000x700	300x1,400x700			300x1,400x700		
Required ceiling void >				mm	350				350		
Weight	Unit			kg	34	45			45		
Standard panel	Model				BYBS71DJW1	BYBS125DJW1			BYBS125DJW1		
	Colour				White (10Y9/0.5)				White (10Y9/0.5)		
	Dimensions	HeightxWidthxDepth		mm	55x1,100x500	55x1,500x500			55x1,500x500		
	Weight			kg	4.5	6			6		
Fan - Air flow rate	Cooling	High/Nom./Low		m^3/min	18/-/15	32/-/23	39/-/28		32/-/23	39/-/28	
	Heating	High/Nom./Low		m^3/min	18/-/15	32/-/23	39/-/28	41/-/29	32/-/23	39/-/28	41/-/29
Fan - External static pressure	High/Nom.			Pa	100/30	120/40	120/50		120/40	120/50	
Sound power level	Cooling	High/Nom./Low		dBA	-/57/-	-/61/-	-/66/-		-/61/-	-/66/-	
Sound pressure level	Cooling	High/Nom./Low		dBA	37/-/29	38/-/32	40/-/33		38/-/32	40/-/33	
	Heating	High/Nom./Low		dBA	37/-/29	38/-/32	40/-/33	41/-/34	38/-/32	40/-/33	41/-/34
Refrigerant	Type				R-410A				R-410A		
Piping connections	Liquid	OD		mm	9.52				9.52		
	Gas	OD		mm	15.9				15.9		
Power supply	Phase / Frequency / Voltage			Hz / V	1~ / 50/60 / 220-240/220				1~ / 50/60 / 220-240/220		

OUTDOOR UNIT					RZQSG71LV1	RZQSG100LV1	RZQSG125LV1	RZQSG140LV1	RZQSG100LY1	RZQSG125LY1	RZQSG140LY1
Dimensions	Unit	HeightxWidthxDepth		mm	770x900x320	990x940x320		1,430x940x320	990x940x320		1,430x940x320
Weight	Unit			kg	67	81		102	82		101
Fan - Air flow rate	Cooling	Nom.		m^3/min	52	76	77	83	76	77	83
	Heating	Nom.		m^3/min	48	83		62	83		62
Sound power level	Cooling	Nom.		dBA	65	69	70	69	69	70	69
Sound pressure level	Cooling	Nom.		dBA	49/47	53/49	54/49	53/49	53	54	53
	Heating	Nom.		dBA	51	57	58	54	57	58	54
	Night quiet mode	Level 1		dBA	-				49		
Operation range	Cooling	Ambient	Min.~Max.	°CDB	-5.0~46	-5.0~46.0			-5.0~46.0		
	Heating	Ambient	Min.~Max.	°CWB	-15~15.5	-15.0~15.5			-15.0~15.5		
Refrigerant	Type				R-410A				R-410A		
Piping connections	Liquid	OD		mm	9.52				9.52		
	Gas	OD		mm	15.9				15.9		
	Drain	OD		mm	26				26		
	Level difference	IU - OU	Max.	m	15	30.0			30.0		
		IU - IU	Max.	m	0.5				0.5		
	Total piping length	System	Equivalent	m	70	90			90		
Power supply	Phase / Frequency / Voltage			Hz / V	1~ / 50 / 220-240				3N~ / 50 / 380-415		

FBQ-C8 / RXS-J/F Concealed ceiling unit with inverter driven fan

FBQ35,50C8

RXS35J

BRC1E52A/B

INVERTER

- Energy efficient units: up to class A energy labels
- Reduction in power consumption thanks to DC inverter fans
- Blends unobtrusively with any interior décor: only the suction and discharge grilles are visible
- Improved comfort thanks to 3-step air flow control
- Up to 100Pa external static pressure facilitates using flexible ducts of variying lengths: ideal for shops and medium size offices
- Possibility to change ESP via wired remote control allows optimisation of the supply air volume
- Whisper quiet operation: down to 29dBA sound pressure level
- Easy installation thanks to automatic air flow adjustment towards nominal air flow rate
- Standard air filter removes airborne dust particles to ensure a steady supply of clean air
- Standard built-in drain pump increases reliability of the drain system
- No optional adapter needed for DIII-connection

Heating & Cooling

INDOOR UNIT					FBQ35C8	FBQ50C8	FBQ60C8
Cooling capacity	Min./Nom./Max.			kW	-/3.40/-	-/5.00/-	-/5.70/-
Heating capacity	Min./Nom./Max.			kW	-/4.00/-	-/5.50/-	-/7.00/-
Power input	Cooling	Nom.		kW	1.06	1.65	1.75
	Heating	Nom.		kW	1.14	1.61	2.05
EER					3.21	3.03	3.26
COP					3.51	3.42	3.41
Annual energy consumption				kWh	530	825	875
Energy label	Cooling/Heating				A/B	B/B	A/B
Casing	Colour				Not painted (galvanised)		
Dimensions	Unit	HeightxWidthxDepth		mm	300x700x700		300x1,000x700
Required ceiling void >				mm	350		
Weight	Unit			kg	25		34
Standard panel	Model				BYBS45DJW1		BYBS71DJW1
	Colour				White (10Y9/0.5)		
	Dimensions	HeightxWidthxDepth		mm	55x800x500		55x1,100x500
	Weight			kg	3		4.5
Fan - Air flow rate	Cooling	High/Nom./Low		m^3/min	16/-/11		18/-/15
	Heating	High/Nom./Low		m^3/min	16/-/11		18/-/15
Fan - External static pressure	High/Nom.			Pa	100/30		100/30
Sound power level	Cooling	High/Nom./Low		dBA	-/63/-		-/57/-
Sound pressure level	Cooling	High/Nom./Low		dBA	37/-/29		
	Heating	High/Nom./Low		dBA	37/-/29		
Refrigerant	Type				R-410A		
Piping connections	Liquid	OD		mm	6.35		
	Gas	OD		mm	9.5	12.7	
Power supply	Phase / Frequency / Voltage			Hz / V	1~ / 50/60 / 220-240/220		

OUTDOOR UNIT					RXS35J	RXS50J	RXS60F
Dimensions	Unit	HeightxWidthxDepth		mm	550x765x285	735x825x300	
Weight	Unit			kg	34	48	
Fan - Air flow rate	Cooling	High/Super low		m^3/min	36.0/30.1	50.9/48.9	50.9/42.4
	Heating	High/Super low		m^3/min	28.3/25.6	45.0/43.1	46.3/42.4
Sound power level	Cooling	Nom./High		dBA	-/63		63/-
Sound pressure level	Cooling	High/Silent operation		dBA	48/44		49/46
	Heating	High/Silent operation		dBA	48/45		49/46
Operation range	Cooling	Ambient	Min.~Max.	°CDB	-10~46		
	Heating	Ambient	Min.~Max.	°CWB	-15~18		-15~20
Refrigerant	Type				R-410A		
Piping connections	Liquid	OD		mm	6.35		-
	Gas	OD		mm	9.52	12.7	-
	Level difference	IU - OU	Max.	m	15	20	
	Total piping length	System	Actual	m	-		
Power supply	Phase / Frequency / Voltage			Hz / V	1~ / 50 / 220-240		

FDQ-B / RZQ-C

Concealed ceiling unit

FDQ200,250B

RZQ200,250C

BRC1E52A/B

Super Inverter

- Up to 250 Pa external static pressure allows extensive ductwork runs and flexible application: ideal for use in large areas
- Blends unobtrusively with any interior décor: only the suction and discharge grilles are visible
- Up to 26.4 kW in heating mode
- Home leave operation saves energy during absence
- Standard air filter: removes airborne dust particles to ensure a steady supply of clean air

Heating & Cooling

INDOOR UNIT					FDQ200B	FDQ250B
Cooling capacity	Min./Nom./Max.			kW	-/20.0/-	-/24.1/-
Heating capacity	Min./Nom./Max.			kW	-/23.0/-	-/26.4/-
Power input	Cooling	Nom.		kW	6.23	8.58
	Heating	Nom.		kW	6.74	8.22
EER					3.21	2.81
COP					3.41	3.21
Annual energy consumption				kWh	3,115	4,290
Energy label	Cooling/Heating				A/B	C/C
Casing	Colour				Unpainted	
Dimensions	Unit	HeightxWidthxDepth		mm	450x1,400x900	
Required ceiling void >				mm	450	
Weight	Unit			kg	89.0	94.0
Fan - Air flow rate	Cooling	High/Nom./Low		m^3/min	-/69.0/-	-/89.0/-
	Heating	High/Nom./Low		m^3/min	-/69.0/-	-/89.0/-
Fan - External static pressure	High/Nom./Low			Pa	250/250/250	
Sound power level	Cooling	High/Nom./Low		dBA	-/81.0/-	-/82.0/-
Sound pressure level	Cooling	High/Nom./Low		dBA	45.0/-/-	47.0/-/-
	Heating	High/Nom./Low		dBA	-/-/45.0	-/-/47.0
Refrigerant	Type				R-410A	
Piping connections	Liquid	OD		mm	9.52	12.7
	Gas	OD		mm	22.2	
Power supply	Phase / Frequency / Voltage			Hz / V	1~ / 50 / 230	

OUTDOOR UNIT					RZQ200C	RZQ250C
Dimensions	Unit	HeightxWidthxDepth		mm	1,680x930x765	
Weight	Unit			kg	183	184
Fan - Air flow rate	Cooling	Nom.		m^3/min	171	
	Heating	Nom.		m^3/min	171	
Fan - External static pressure	Max.			Pa	78	
Sound power level		Nom.		dBA	78	
Operation range	Cooling	Ambient	Min.~Max.	°CDB	-5.0~46.0	
	Heating	Ambient	Min.~Max.	°CWB	-15.0~15.0	
Refrigerant	Type				R-410A	
Piping connections	Liquid	OD		mm	9.52	12.7
	Gas	OD		mm	22.2	
	Level difference	IU - OU	Max.	m	-	
	Piping length	OU-IU	Max.	m	100	
	Heat insulation				Both liquid and gas pipes	
Power supply	Phase / Frequency / Voltage			Hz / V	3N~ / 50 / 380-415	

FDQ-C / RZQG-L7V1/LY1

Concealed ceiling unit

FDQ125C

RZQG125L7V1/LY1

BRC1E52A/B

- Seasonal efficiency, optimised for all seasons
- Seasonal efficiency gives an indication on how efficient an air conditioner operates over an entire heating or cooling season
- The Sky Air inverter is developed for use in light commercial applications, provides a more comfortable environment and offers great savings in energy consumption to shop, restaurant and office owners
- Up to 200Pa external static pressure allows extensive ductwork runs and flexible application: ideal for use in large areas
- New casing: reduced height to fit flush into false ceilings
- Blends unobtrusively with any interior décor: only the suction and discharge grilles are visible
- Standard air filter removes airborne dust particles to ensure a steady supply of clean air
- During start up, the room can be cooled down or heated very quickly; once the temperature in the room has reached its set point, the low power operation starts to save energy
- Easy installation:
  - Less duct calculation
  - Air flow can be adjusted during installation via the wired remote control instead of channel adjustments
- Standard drain pump

Heating & Cooling

Seasonal Smart

INDOOR UNIT					FDQ125C	FDQ125C
Cooling capacity	Min./Nom./Max.			kW	-/12.0/-	-/12.0/-
Heating capacity	Min./Nom./Max.			kW	-/13.5/-	-/13.5/-
Power input	Cooling	Nom.		kW	3.20	3.20
	Heating	Nom.		kW	3.53	3.53
EER					3.75	3.75
COP					3.83	3.83
SEER					5.61	5.61
SCOP					4.05	4.05
Annual energy consumption				kWh	1,600	1,600
Energy label	Cooling/Heating				A/A	A/A
Casing	Colour				Not painted (galvanised)	Not painted (galvanised)
Dimensions	Unit	HeightxWidthxDepth		mm	300x1,400x700	300x1,400x700
Required ceiling void >				mm	350	350
Weight	Unit			kg	45	45
Standard panel	Model				BYBS125DJW1	BYBS125DJW1
	Colour				White (10Y9/0.5)	White (10Y9/0.5)
	Dimensions	HeightxWidthxDepth		mm	55x1,500x500	55x1,500x500
	Weight			kg	6.5	6.5
Fan - Air flow rate	Cooling	High/Nom./Low		m^3/min	39/-/28	39/-/28
	Heating	High/Nom./Low		m^3/min	39/-/28	39/-/28
Fan - External static pressure	High/Nom.			Pa	200/50	200/50
Sound power level	Cooling	High/Nom./Low		dBA	-/66/-	-/66/-
Sound pressure level	Cooling	High/Nom./Low		dBA	40/-/33	40/-/33
	Heating	High/Nom./Low		dBA	40/-/33	40/-/33
Refrigerant	Type				R-410A	R-410A
Piping connections	Liquid	OD		mm	9.52	9.52
	Gas	OD		mm	15.9	15.9
Power supply	Phase / Frequency / Voltage			Hz / V	1~ / 50/60 / 220-240/220	1~ / 50/60 / 220-240/220

OUTDOOR UNIT					RZQG125L7V1	RZQG125LY1
Dimensions	Unit	HeightxWidthxDepth		mm	1,430x940x320	1,430x940x320
Weight	Unit			kg	102	101
Fan - Air flow rate	Cooling	Nom.		m^3/min	70	70
	Heating	Nom.		m^3/min	62	62
Sound power level	Cooling	Nom.		dBA	67	67
Sound pressure level	Cooling	Nom.		dBA	51	51
	Heating	Nom.		dBA	53	53
	Night quiet mode	Level 1		dBA	45	45
Operation range	Cooling	Ambient	Min.~Max.	°CDB	-15.0~50.0	-15.0~50.0
	Heating	Ambient	Min.~Max.	°CWB	-20.0~15.5	-20.0~15.5
Refrigerant	Type				R-410A	R-410A
Piping connections	Liquid	OD		mm	9.52	9.52
	Gas	OD		mm	15.9	15.9
	Drain	OD		mm	26	26
	Level difference	IU - OU	Max.	m	30.0	30.0
		IU - IU	Max.	m	0.5	0.5
	Total piping length	System	Equivalent	m	90	90
Power supply	Phase / Frequency / Voltage			Hz / V	1~ / 50 / 220-240	3N~ / 50 / 380-415

FDQ-C / RZQSG-LV1/Y1

Heating & Cooling

Seasonal Classic

INDOOR UNIT					FDQ125C	FDQ125C
Cooling capacity	Min./Nom./Max.			kW	-/12.0/-	-/12.0/-
Heating capacity	Min./Nom./Max.			kW	-/13.5/-	-/13.5/-
Power input	Cooling	Nom.		kW	3.74	3.20
	Heating	Nom.		kW	3.85	3.53
EER					3.21	3.75
COP					3.51	3.83
SEER					4.35	5.61
SCOP					3.81	4.05
Annual energy consumption				kWh	1,870	1,600
Energy label	Cooling/Heating				A/B	A/A
Casing	Colour				Not painted (galvanised)	Not painted (galvanised)
Dimensions	Unit	HeightxWidthxDepth		mm	300x1,400x700	300x1,400x700
Required ceiling void >				mm	350	350
Weight	Unit			kg	45	45
Standard panel	Model				BYBS125DJW1	BYBS125DJW1
	Colour				White (10Y9/0.5)	White (10Y9/0.5)
	Dimensions	HeightxWidthxDepth		mm	55x1,500x500	55x1,500x500
	Weight			kg	6.5	6.5
Fan - Air flow rate	Cooling	High/Nom./Low		m^3/min	39/-/28	39/-/28
	Heating	High/Nom./Low		m^3/min	39/-/28	39/-/28
Fan - External static pressure	High/Nom.			Pa	200/50	200/50
Sound power level	Cooling	High/Nom./Low		dBA	-/66/-	-/66/-
Sound pressure level	Cooling	High/Nom./Low		dBA	40/-/33	40/-/33
	Heating	High/Nom./Low		dBA	40/-/33	40/-/33
Refrigerant	Type				R-410A	R-410A
Piping connections	Liquid	OD		mm	9.52	9.52
	Gas	OD		mm	15.9	15.9
Power supply	Phase / Frequency / Voltage			Hz / V	1~ / 50/60 / 220-240/220	1~ / 50/60 / 220-240/220

OUTDOOR UNIT					RZQSG125LV1	RZQSG125LY1
Dimensions	Unit	HeightxWidthxDepth		mm	990x940x320	990x940x320
Weight	Unit			kg	81	82
Fan - Air flow rate	Cooling	Nom.		m^3/min	77	77
	Heating	Nom.		m^3/min	83	83
Sound power level	Cooling	Nom.		dBA	70	70
Sound pressure level	Cooling	Nom.		dBA	54/49	54
	Heating	Nom.		dBA	58	58
	Night quiet mode	Level 1		dBA	-	49
Operation range	Cooling	Ambient	Min.~Max.	°CDB	-5.0~46.0	-5.0~46.0
	Heating	Ambient	Min.~Max.	°CWB	-15.0~15.5	-15.0~15.5
Refrigerant	Type				R-410A	R-410A
Piping connections	Liquid	OD		mm	9.52	9.52
	Gas	OD		mm	15.9	15.9
	Drain	OD		mm	26	26
	Level difference	IU - OU	Max.	m	30.0	30.0
		IU - IU	Max.	m	0.5	0.5
	Total piping length	System	Equivalent	m	90	90
Power supply	Phase / Frequency / Voltage			Hz / V	1~ / 50 / 220-240	3N~ / 50 / 380-415

FAQ-C / RZQG-L7V1/LY1

Wall mounted unit

FAQ100C

RZQG100L7V1/LY1

BRC1E52A/B BRC7AF532F

- Seasonal efficiency, optimized for all seasons
- Seasonal efficiency gives an indication on how efficient air conditioners operate over an entire heating or cooling season.
- Can be installed in both new and existing buildings
- Ideal solution for shops, restaurants or offices without false ceilings
- Extension of the range: a 125 class has been developed for installation in larger rooms
- Modern style flat front panel
- Front panel can easily be removed and cleaned
- No optional adapter needed for DIII-connection
- Automatic fan speed selection: 3 fan speeds can be selected

Heating & Cooling

Seasonal Smart

INDOOR UNIT					FAQ71C	FAQ100C	FAQ71C	FAQ100C
Cooling capacity	Min./Nom./Max.			kW	-/6.8/-	-/9.5/-	-/6.8/-	-/9.5/-
Heating capacity	Min./Nom./Max.			kW	-/7.5/-	-/10.8/-	-/7.5/-	-/10.8/-
Power input	Cooling	Nom.		kW	2.00	2.63	2.00	2.63
	Heating	Nom.		kW	2.03	3.00	2.03	3.00
EER					3.40	3.62	3.40	3.62
COP					3.70	3.61	3.70	3.61
SEER					5.21	5.11	5.21	5.11
SCOP					3.9	4.01	3.9	4.01
Annual energy consumption				kWh	1,000	1,315	1,000	1.315
Energy label	Cooling/Heating				A/A		A/A	
Casing	Colour				Fresh White		Fresh White	
Dimensions	Unit	HeightxWidthxDepth		mm	290x1,050x238	340x1,200x240	290x1,050x238	340x1,200x240
Weight	Unit			kg	13	17	13	17
Fan - Air flow rate	Cooling	High/Nom./Low		m^3/min	18/16/14	26/23/19	18/16/14	26/23/19
	Heating	High/Nom./Low		m^3/min	18/16/14	26/23/19	18/16/14	26/23/19
Sound power level	Cooling	High/Nom./Low		dBA	61/58/56	65/62/58	61/58/56	65/62/58
	Heating	High/Nom./Low		dBA	61/58/56	65/62/58	61/58/56	65/62/58
Sound pressure level	Cooling	High/Nom./Low		dBA	45/42/40	49/45/41	45/42/40	49/45/41
	Heating	High/Nom./Low		dBA	45/42/40	49/45/41	45/42/40	49/45/41
Refrigerant	Type				R-410A		R-410A	
Piping connections	Liquid	OD		mm	9.52		9.52	
	Gas	OD		mm	15.9		15.9	
Power supply	Phase / Frequency / Voltage			Hz / V	1~ / 50/60 / 220-240/220		1~ / 50/60 / 220-240/220	

OUTDOOR UNIT					RZQG71L7V1	RZQG100L7V1	RZQG71LY1	RZQG100LY1
Dimensions	Unit	HeightxWidthxDepth		mm	990x940x320	1,430x940x320	990x940x320	1,430x940x320
Weight	Unit			kg	78	102	80	101
Fan - Air flow rate	Cooling	Nom.		m^3/min	59	70	59	70
	Heating	Nom.		m^3/min	49	62	49	62
Sound power level	Cooling	Nom.		dBA	64	66	64	66
Sound pressure level	Cooling	Nom.		dBA	48	50	48	50
	Heating	Nom.		dBA	50	52	50	52
	Night quiet mode	Level 1		dBA	43	45	43	45
Operation range	Cooling	Ambient	Min.~Max.	°CDB	-15.0~50.0		-15.0~50.0	
	Heating	Ambient	Min.~Max.	°CWB	-20.0~15.5		-20.0~15.5	
Refrigerant	Type				R-410A		R-410A	
Piping connections	Liquid	OD		mm	9.52		9.52	
	Gas	OD		mm	15.9		15.9	
	Drain	OD		mm	26		26	
	Level difference	IU - OU	Max.	m	30.0		30.0	
		IU - IU	Max.	m	0.5		0.5	
	Total piping length	System	Equivalent	m	70	90	70	90
	Heat insulation				Both liquid and gas pipes		Both liquid and gas pipes	
Power supply	Phase / Frequency / Voltage			Hz / V	1~ / 50 / 220-240		3N~ / 50 / 380-415	

FAQ-C / RZQSG-LV1/Y1

Heating & Cooling

Seasonal Classic

INDOOR UNIT					FAQ71C	FAQ100C	FAQ100C
Cooling capacity	Min./Nom./Max.			kW	-/6.8/-	-/9.5/-	-/9.5/-
Heating capacity	Min./Nom./Max.			kW	-/7.5/-	-/10.8/-	-/10.8/-
Power input	Cooling	Nom.		kW	2.12	3.16	3.16
	Heating	Nom.		kW	2.08	3.17	3.17
EER					3.21	3.01	3.01
COP					3.61	3.41	3.41
SEER					5.11	4.61	4.61
SCOP					3.81	3.81	3.81
Annual energy consumption				kWh	1,059	1,580	1,580
Energy label	Cooling/Heating				A/A	B/B	B/B
Casing	Colour				Fresh White		Fresh White
Dimensions	Unit	HeightxWidthxDepth		mm	290x1,050x238	340x1,200x240	340x1,200x240
Weight	Unit			kg	13	17	17
Fan - Air flow rate	Cooling	High/Nom./Low		m^3/min	18/16/14	26/23/19	26/23/19
	Heating	High/Nom./Low		m^3/min	18/16/14	26/23/19	26/23/19
Sound power level	Cooling	High/Nom./Low		dBA	61/58/56	65/62/58	65/62/58
	Heating	High/Nom./Low		dBA	61/58/56	65/62/58	65/62/58
Sound pressure level	Cooling	High/Nom./Low		dBA	45/42/40	49/45/41	49/45/41
	Heating	High/Nom./Low		dBA	45/42/40	49/45/41	49/45/41
Refrigerant	Type				R-410A		R-410A
Piping connections	Liquid	OD		mm	9.52		9.52
	Gas	OD		mm	15.9		15.9
Power supply	Phase / Frequency / Voltage			Hz / V	1~ / 50/60 / 220-240/220		1~ / 50/60 / 220-240/220

OUTDOOR UNIT					RZQSG71LV1	RZQSG100LV1	RZQSG100LY1
Dimensions	Unit	HeightxWidthxDepth		mm	770x900x320	990x940x320	990x940x320
Weight	Unit			kg	67	81	82
Fan - Air flow rate	Cooling	Nom.		m^3/min	52	76	76
	Heating	Nom.		m^3/min	48	83	83
Sound power level	Cooling	Nom.		dBA	65	69	69
Sound pressure level	Cooling	Nom.		dBA	49/47	53/49	53
	Heating	Nom.		dBA	51	57	57
	Night quiet mode	Level 1		dBA	-		49
Operation range	Cooling	Ambient	Min.~Max.	°CDB	-5.0~46	-5.0~46.0	-5.0~46.0
	Heating	Ambient	Min.~Max.	°CWB	-15~15.5	-15.0~15.5	-15.0~15.5
Refrigerant	Type				R-410A		R-410A
Piping connections	Liquid	OD		mm	9.52		9.52
	Gas	OD		mm	15.9		15.9
	Drain	OD		mm	26		26
	Level difference	IU - OU	Max.	m	15	30.0	30.0
		IU - IU	Max.	m	0.5		0.5
	Total piping length	System	Equivalent	m	70	90	90
Power supply	Phase / Frequency / Voltage			Hz / V	1~ / 50 / 220-240		3N~ / 50 / 380-415

FHQG-C / RZQG-L7V1/LY1

Ceiling suspended unit

FHQG71C

RZQG100,125,140L7V1/LY1

BRC1E52A/B

- Seasonal efficiency, optimised for all seasons
- Seasonal efficiency gives an indication on how efficient an air conditioner operates over an entire heating or cooling season
- Energy efficient units: up to class A energy labels
- Can be installed in both new and existing buildings
- Ideal solution for shops, restaurants or offices without false ceilings
- The unit can easily be mounted in corners and narrow spaces, as it only needs 30mm lateral service space
- The Sky Air inverter is developed for use in light commercial applications, provides a more comfortable environment and offers great savings in energy consumption to shop, restaurant and office owners
- During start up, the room can be cooled down or heated very quickly; once the temperature in the room has reached its set point, the low power operation starts to save energy.
- No optional adapter needed for DIII-connection

Heating & Cooling

Seasonal Smart

INDOOR UNIT					FHQG71C	FHQG100C	FHQG125C	FHQG140C	FHQG71C	FHQG100C	FHQG125C	FHQG140C
Cooling capacity	Min./Nom./Max.			kW	-/6.8/-	-/9.5/-	-/12.0/-	-/13.4/-	-/6.8/-	-/9.5/-	-/12.0/-	-/13.4/-
Heating capacity	Min./Nom./Max.			kW	-/7.5/-	-/10.8/-	-/13.5/-	-/15.5/-	-/7.5/-	-/10.8/-	-/13.5/-	-/15.5/-
Power input	Cooling	Nom.		kW	1.78	2.49	3.58	4.05	1.78	2.49	3.58	4.05
	Heating	Nom.		kW	1.82	2.60	3.48	4.27	1.82	2.60	3.48	4.27
EER					3.82	3.81	3.35	3.31	3.82	3.81	3.35	3.31
COP					4.13	4.15	3.89	3.63	4.13	4.15	3.89	3.63
SEER					5.65	5.69	5.11	-	5.65	5.69	5.11	-
SCOP					3.95	4.20	4.01	-	3.95	4.20	4.01	-
Annual energy consumption				kWh	890	1,245	1,790	2,025	890	1,245	1,790	2,025
Energy label	Cooling/Heating				A/A				A/A		A/A	
Casing	Colour				Fresh White				Fresh White		Fresh White	
Dimensions	Unit	HeightxWidthxDepth		mm	235x1,270x690	235x1,590x690			235x1,270x690	235x1,590x690		
Weight	Unit			kg	32	38			32	38		
Fan - Air flow rate	Cooling	High/Nom./Low		m^3/min	20.5/17/14	28/24/20	31/27/23	34/29/24	20.5/17/-/14/-/-/-	28/24/20	31/27/23	34/29/24
	Heating	High/Nom./Low		m^3/min	20.5/17/14	28/24/20	31/27/23	34/29/24	20.5/17/-/14/-/-/-	28/24/20	31/27/23	34/29/24
Sound power level	Cooling	High/Nom./Low		dBA	-/55/-	-/60/-	-/62/-	-/64/-	55	-/60/-	-/62/-	-/64/-
Sound pressure level	Cooling	High/Nom./Low		dBA	38/36/34	42/38/34	44/41/37	46/42/38	38/36/34	42/38/34	44/41/37	46/42/38
	Heating	High/Nom./Low		dBA	38/36/34	42/38/34	44/41/37	46/42/38	38/36/34	42/38/34	44/41/37	46/42/38
Refrigerant	Type				R-410A				-	R-410A		
Piping connections	Liquid	OD		mm	9.52							
	Gas	OD		mm	15.9							
Power supply	Phase / Frequency / Voltage			Hz / V	1~ / 50 / 220-240							

OUTDOOR UNIT					RZQG71L7V1	RZQG100L7V1	RZQG125L7V1	RZQG140L7V1	RZQG71LY1	RZQG100LY1	RZQG125LY1	RZQG140LY1
Dimensions	Unit	HeightxWidthxDepth		mm	990x940x320	1,430x940x320			990x940x320	1,430x940x320		
Weight	Unit			kg	78	102			80	101		
Fan - Air flow rate	Cooling	Nom.		m^3/min	59	70		84	59	70		84
	Heating	Nom.		m^3/min	49	62			49	62		
Sound power level	Cooling	Nom.		dBA	64	66	67	69	64	66	67	69
Sound pressure level	Cooling	Nom.		dBA	48	50	51	52	48	50	51	52
	Heating	Nom.		dBA	50	52	53		50	52	53	
	Night quiet mode	Level 1		dBA	43	45			43	45		
Operation range	Cooling	Ambient	Min.~Max.	°CDB	-15.0~50.0				-15.0~50.0			
	Heating	Ambient	Min.~Max.	°CWB	-20.0~15.5				-20.0~15.5			
Refrigerant	Type				R-410A				R-410A			
Piping connections	Liquid	OD		mm	9.52				9.52			
	Gas	OD		mm	15.9				15.9			
	Drain	OD		mm	26				26			
	Level difference	IU - OU	Max.	m	30.0				50	30.0		
		IU - IU	Max.	m	0.5				70	0.5		
	Total piping length	System	Equivalent	m	70	90			30.0	90		
Power supply	Phase / Frequency / Voltage			Hz / V	1~ / 50 / 220-240				0.5	3N~ / 50 / 380-415		

FHQG-C / RZQSG-LV1/Y1

Heating & Cooling

Seasonal Classic

INDOOR UNIT					FHQG71C	FHQG100C	FHQG125C	FHQG140C	FHQG100C	FHQG125C	FHQG140C
Cooling capacity	Min./Nom./Max.			kW	-/6.8/-	-/9.5/-	-/12.0/-	-/13.4/-	-/9.5/-	-/12.0/-	-/13.4/-
Heating capacity	Min./Nom./Max.			kW	-/7.5/-	-/10.8/-	-/13.5/-	-/15.5/-	-/10.8/-	-/13.5/-	-/15.5/-
Power input	Cooling	Nom.		kW	1.97	2.96	4.15	4.45	2.96	4.15	4.45
	Heating	Nom.		kW	1.88	2.99	3.73	4.54	2.99	3.73	4.54
EER					3.46	3.21	2.89	3.01	3.21	2.89	3.01
COP					4.00	3.61	3.62	3.41	3.61	3.62	3.41
SEER					5.11	5.11	4.61	-	5.11	4.61	-
SCOP					3.81	3.80	3.81	-	3.80	3.81	-
Annual energy consumption				kWh	983	1,480	2,075	2,225	1,480	2,075	2,225
Energy label	Cooling/Heating				A/A		C/A	B/B	A/A	C/A	B/B
Casing	Colour				Fresh White				Fresh White		
Dimensions	Unit	HeightxWidthxDepth		mm	235x1,270x690	235x1,590x690			235x1,590x690		
Weight	Unit			kg	32	38			38		
Fan - Air flow rate	Cooling	High/Nom./Low		m^3/min	20.5/17/14	28/24/20	31/27/23	34/29/24	28/24/20	31/27/23	34/29/24
	Heating	High/Nom./Low		m^3/min	20.5/17/14	28/24/20	31/27/23	34/29/24	28/24/20	31/27/23	34/29/24
Sound power level	Cooling	High/Nom./Low		dBA	-/55/-	-/60/-	-/62/-	-/64/-	-/60/-	-/62/-	-/64/-
Sound pressure level	Cooling	High/Nom./Low		dBA	38/36/34	42/38/34	44/41/37	46/42/38	42/38/34	44/41/37	46/42/38
	Heating	High/Nom./Low		dBA	38/36/34	42/38/34	44/41/37	46/42/38	42/38/34	44/41/37	46/42/38
Refrigerant	Type				R-410A				R-410A		
Piping connections	Liquid	OD		mm	9.52				9.52		
	Gas	OD		mm	15.9				15.9		
Power supply	Phase / Frequency / Voltage			Hz / V	1~ / 50 / 220-240				1~ / 50 / 220-240		

OUTDOOR UNIT					RZQSG71LV1	RZQSG100LV1	RZQSG125LV1	RZQSG140LV1	RZQSG100LY1	RZQSG125LY1	RZQSG140LY1
Dimensions	Unit	HeightxWidthxDepth		mm	770x900x320	990x940x320		1,430x940x320	990x940x320		1,430x940x320
Weight	Unit			kg	67	81		102	82		101
Fan - Air flow rate	Cooling	Nom.		m^3/min	52	76	77	83	76	77	83
	Heating	Nom.		m^3/min	48	83		62	83		62
Sound power level	Cooling	Nom.		dBA	65	69	70	69	69	70	69
Sound pressure level	Cooling	Nom.		dBA	49/47	53/49	54/49	53/49	53	54	53
	Heating	Nom.		dBA	51	57	58	54	57	58	54
	Night quiet mode	Level 1		dBA	-				49		
Operation range	Cooling	Ambient	Min.~Max.	°CDB	-5.0~46				-5.0~46.0		
	Heating	Ambient	Min.~Max.	°CWB	-15~15.5				-15.0~15.5		
Refrigerant	Type				R-410A				R-410A		
Piping connections	Liquid	OD		mm	9.52				9.52		
	Gas	OD		mm	15.9				15.9		
	Drain	OD		mm	26				26		
	Level difference	IU - OU	Max.	m	15	30.0			30.0		
		IU - IU	Max.	m	0.5				0.5		
	Total piping length	System	Equivalent	m	70	90			90		
Power supply	Phase / Frequency / Voltage			Hz / V	1~ / 50 / 220-240				3N~ / 50 / 380-415		

FHQ-B8 / RXS-J/F

Ceiling suspended unit

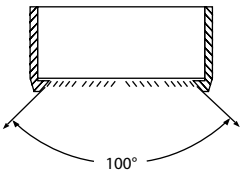
FHQ35,50B8

RXS35J

BRC1E52A/B BRC7EA63W

INVERTER

- Energy efficient units: up to class A energy labels
- Can be installed in both new and existing buildings
- Wider air discharge thanks to Coanda effect: up to 100°



- Air flow distribution for ceiling heights up to 3.8m without capacity loss
- The unit can easily be mounted in corners and narrow spaces, as it only needs 30mm lateral service space
- Daikin outdoor units are neat, sturdy and can easily be mounted on a roof or terrace or simply placed against an outside wall
- Outdoor unit silent operation: "silent" button on the remote control lowers the operation sound of the outdoor unit by 3dBA to ensure a quiet environment for the neighbourhood.

Heating & Cooling

INDOOR UNIT					FHQ35B8	FHQ50B8	FHQ60B8
Cooling capacity	Min./Nom./Max.			kW	1.4/3.4/3.7	1.7/5.0/5.6	1.7/5.7/6.0
Heating capacity	Min./Nom./Max.			kW	1.2/4.0/5.0	1.7/6.0/7.0	1.7/7.2/8.0
Power input	Cooling	Min./Nom./Max.		kW	-/1.050/-	0.440/1.830/2.020	0.440/2.150/2.230
	Heating	Min./Nom./Max.		kW	-/1.110/-	0.400/2.050/2.450	0.400/2.490/2.750
EER					3.24	2.73	2.65
COP					3.60	2.93	2.89
Annual energy consumption				kWh	525	915	1,075
Energy label	Cooling/Heating				A/B	D/D	D/D
Casing	Colour				White		
Dimensions	Unit	HeightxWidthxDepth		mm	195x960x680		195x1,160x680
Weight	Unit			kg	24	25	27
Fan - Air flow rate	Cooling	High/Nom./Low		m^3/min	13/-/10		17/-/13
	Heating	High/Nom./Low		m^3/min	13/-/10		16/-/13
Sound power level	Cooling	High/Nom./Low		dBA	53/-/48	54/-/49	55/-/49
	Heating	High/Low		dBA	53/48	54/49	55/49
Sound pressure level	Cooling	High/Nom./Low		dBA	37/-/32	38/-/33	39/-/33
	Heating	High/Nom./Low		dBA	37/-/32	38/-/33	39/-/33
Refrigerant	Type				R-410A		
Piping connections	Liquid	OD		mm	6.35		
	Gas	OD		mm	9.5	12.7	
Power supply	Phase / Frequency / Voltage			Hz / V	1~ / 50 / 220-240		

OUTDOOR UNIT					RXS35J	RXS50J	RXS60F
Dimensions	Unit	HeightxWidthxDepth		mm	550x765x285	735x825x300	
Weight	Unit			kg	34	48	
Fan - Air flow rate	Cooling	High/Super low		m^3/min	36.0/30.1	50.9/48.9	50.9/42.4
	Heating	High/Super low		m^3/min	28.3/25.6	45.0/43.1	46.3/42.4
Sound power level	Cooling	Nom./High		dBA	-/63		63/-
Sound pressure level	Cooling	High/Silent operation		dBA	48/44		49/46
	Heating	High/Silent operation		dBA	48/45		49/46
Operation range	Cooling	Ambient	Min.~Max.	°CDB	-10~46		
	Heating	Ambient	Min.~Max.	°CWB	-15~18		-15~20
Refrigerant	Type				R-410A		
Piping connections	Liquid	OD		mm	6.35		
	Gas	OD		mm	9.5	12.7	
	Level difference	IU - OU	Max.	m	15	20	
	Piping length	OU-IU	Max.	m	20		30
	Heat insulation				Both liquid and gas pipes		
Power supply	Phase / Frequency / Voltage			Hz / V	1~ / 50 / 220-240		

FUQ-B8 / RZQG-L7V1/LY1

Ceiling suspended unit

FUQ71B8

RZQG100,125L7V1/LY1

BRC1E52A/B BRC7CA528W

- Seasonal efficiency, optimised for all seasons
- Seasonal efficiency gives an indication on how efficient an air conditioner operates over an entire heating or cooling season Energy efficient units: up to class A energy labels
- Can be installed in both new and existing buildings
- Air can be discharged in any of 4 directions
- Auto swing function ensures efficient air and temperature distribution
- Air can be discharged in 5 different angles between 0 and 60°
- Possibility to shut 1 or 2 flaps for easy installation in corners
- Air flow distribution for ceiling heights up to 3.5m without capacity loss
- Vertical auto swing moves the discharge flaps up and down for efficient air and temperature distribution throughout the room

Heating & Cooling

Seasonal Smart

INDOOR UNIT					FUQ71B8	FUQ100B8	FUQ125B8	FUQ71B8	FUQ100B8	FUQ125B8
Cooling capacity	Min./Nom./Max.			kW	-/6.8/-	-/9.5/-	-/12.0/-	-/6.8/-	-/9.5/-	-/12.0/-
Heating capacity	Min./Nom./Max.			kW	-/7.5/-	-/10.8/-	-/13.5/-	-/7.5/-	-/10.8/-	-/13.5/-
Power input	Cooling	Nom.		kW	1.68	2.46	3.54	1.68	2.46	3.54
	Heating	Nom.		kW	1.84	2.73	3.95	1.84	2.73	3.95
EER					4.05	3.86	3.39	4.05	3.86	3.39
COP					4.08	3.95	3.42	4.08	3.95	3.42
SEER					5.25	4.67	4.41	5.25	4.67	4.41
SCOP					3.89	4.02	4.09	3.89	4.02	4.09
Annual energy consumption				kWh	840	1,230	1,770	840	1,230	1,770
Energy label	Cooling/Heating				A/A	A/A	A/B	A/A		A/B
Casing	Colour				White			White		
Dimensions	Unit	HeightxWidthxDepth		mm	165x895x895	230x895x895		165x895x895	230x895x895	
Weight	Unit			kg	25	31		25	31	
Fan - Air flow rate	Cooling	High/Nom./Low		m^3/min	19/-/14	29/-/21	32/-/23	19/-/14	29/-/21	32/-/23
	Heating	High/Nom./Low		m^3/min	19/-/14	29/-/21	32/-/23	19/-/14	29/-/21	32/-/23
Sound power level	Cooling	High/Nom./Low		dBA	56/-/51	59/-/54	60/-/55	56/-/51	59/-/54	60/-/55
	Heating	High/Low		dBA	56/51	59/54	60/55	56/51	59/54	60/55
Sound pressure level	Cooling	High/Nom./Low		dBA	40/-/35	43/-/38	44/-/39	40/-/35	43/-/38	44/-/39
	Heating	High/Nom./Low		dBA	40/-/35	43/-/38	44/-/39	40/-/35	43/-/38	44/-/39
Refrigerant	Type				R-410A			R-410A		
Piping connections	Liquid	OD		mm	9.52			9.52		
	Gas	OD		mm	15.9			15.9		
Power supply	Phase / Frequency / Voltage			Hz / V	1~ / 50 / 220-240			1~ / 50 / 220-240		

OUTDOOR UNIT					RZQG71L7V1	RZQG100L7V1	RZQG125L7V1	RZQG71LY1	RZQG100LY1	RZQG125LY1
Dimensions	Unit	HeightxWidthxDepth		mm	990x940x320	1,430x940x320		990x940x320	1,430x940x320	
Weight	Unit			kg	78	102		80	101	
Fan - Air flow rate	Cooling	Nom.		m^3/min	59	70		59	70	
	Heating	Nom.		m^3/min	49	62		49	62	
Sound power level	Cooling	Nom.		dBA	64	66	67	64	66	67
Sound pressure level	Cooling	Nom.		dBA	48	50	51	48	50	51
	Heating	Nom.		dBA	50	52	53	50	52	53
	Night quiet mode	Level 1		dBA	43	45		43	45	
Operation range	Cooling	Ambient	Min.~Max.	°CDB	-15.0~50.0			-15.0~50.0		
	Heating	Ambient	Min.~Max.	°CWB	-20.0~15.5			-20.0~15.5		
Refrigerant	Type				R-410A			R-410A		
Piping connections	Liquid	OD		mm	9.52			9.52		
	Gas	OD		mm	15.9			15.9		
	Drain	OD		mm	26			26		
	Level difference	IU - OU	Max.	m	30.0			30.0		
		IU - IU	Max.	m	0.5			0.5		
	Total piping length	System	Equivalent	m	70	90		70	90	
Power supply	Phase / Frequency / Voltage			Hz / V	1~ / 50 / 220-240			3N~ / 50 / 380-415		

FVQ-C / RZQG-L7V1/LY1

Floor standing unit

FVQ-C

RZQG100,125,140L7V1/LY1

BRC1E52A/B

- Seasonal efficiency, optimised for all seasons
- Seasonal efficiency gives an indication on how efficient an air conditioner operates over an entire heating or cooling
- Can be installed in both new and existing buildings
- Decrease of temperature variation by automatic fan speed selection or freely selectable 3-step fan speed.
- Improved efficiency by adoption of DC fan motor.
- Standard DIII-net compatibility – link your floor standing unit into the wider building management system.
- Improved comfort as a result of better airflow distribution from the improved vertical out blow which allows manual adjustment of air outlet blades at the top of the unit.
- Selectable horizontal out blow to better suit the lay-out of the room (only if connected to BRC1E52A/B).

Heating & Cooling

Seasonal Smart

INDOOR UNIT					FVQ71C	FVQ100C	FVQ125C	FVQ140C	FVQ71C	FVQ100C	FVQ125C	FVQ140C
Cooling capacity	Min./Nom./Max.			kW	-/6.8/-	-/9.5/-	-/12.0/-	-/13.4/-	-/6.8/-	-/9.5/-	-/12.0/-	-/13.4/-
Heating capacity	Min./Nom./Max.			kW	-/7.5/-	-/10.8/-	-/13.5/-	-/15.5/-	-/7.5/-	-/10.8/-	-/13.5/-	-/15.5/-
Power input	Cooling	Nom.		kW	2.02	2.49	3.74	4.17	2.02	2.49	3.74	4.17
	Heating	Nom.		kW	2.06	2.61	3.65	4.30	2.06	2.61	3.65	4.30
EER					3.37	3.81	3.21		3.37	3.81	3.21	
COP					3.64	4.14	3.70	3.61	3.64	4.14	3.70	3.61
SEER					5.16	5.59	4.77	-	5.16	5.59	4.77	-
SCOP					3.81	3.80	3.85	-	3.81	3.80	3.85	-
Annual energy consumption				kWh	1,010	1,245	1,870	2,085	1,010	1,245	1,870	2,085
Energy label	Cooling/Heating				A/A				A/A			
Casing	Colour				Fresh White				Fresh White			
Dimensions	Unit	HeightxWidthxDepth		mm	1,850x600x270	1,850x600x350			1,850x600x270	1,850x600x350		
Weight	Unit			kg	39	47			39	47		
Fan - Air flow rate	Cooling	High/Nom./Low		m^3/min	18/16/14	28/25/22	28/26/24	30/28/26	18/16/14	28/25/22	28/26/24	30/28/26
	Heating	High/Nom./Low		m^3/min	18/16/14	28/25/22	28/26/24	30/28/26	18/16/14	28/25/22	28/26/24	30/28/26
Sound power level	Cooling	High/Nom./Low		dBA	55/53/50	62/59/56	63/60/58	65/63/60	55/53/50	62/59/56	63/60/58	65/63/60
	Heating	High/Nom./Low		dBA	55/53/50	62/59/56	63/60/58	65/63/60	55/53/50	62/59/56	63/60/58	65/63/60
Sound pressure level	Cooling	High/Nom./Low		dBA	43/41/38	50/47/44	51/48/46	53/51/48	43/41/38	50/47/44	51/48/46	53/51/48
	Heating	High/Nom./Low		dBA	43/41/38	50/47/44	51/48/46	53/51/48	43/41/38	50/47/44	51/48/46	53/51/48
Refrigerant	Type				R-410A				R-410A			
Piping connections	Liquid	OD		mm	9.52				9.52			
	Gas	OD		mm	15.9				15.9			
Power supply	Phase / Frequency / Voltage			Hz / V	1~ / 50/60 / 220-240/220				1~ / 50/60 / 220-240/220			

OUTDOOR UNIT					RZQG71L7V1	RZQG100L7V1	RZQG125L7V1	RZQG140L7V1	RZQG71LY1	RZQG100LY1	RZQG125LY1	RZQG140LY1
Dimensions	Unit	HeightxWidthxDepth		mm	990x940x320	1,430x940x320			990x940x320	1,430x940x320		
Weight	Unit			kg	78	102			80	101		
Fan - Air flow rate	Cooling	Nom.		m^3/min	59	70		84	59	70		84
	Heating	Nom.		m^3/min	49	62			49	62		
Sound power level	Cooling	Nom.		dBA	64	66	67	69	64	66	67	69
Sound pressure level	Cooling	Nom.		dBA	48	50	51	52	48	50	51	52
	Heating	Nom.		dBA	50	52	53		50	52	53	
	Night quiet mode	Level 1		dBA	43	45			43	45		
Operation range	Cooling	Ambient	Min.~Max.	°CDB	-15.0~50.0				-15.0~50.0			
	Heating	Ambient	Min.~Max.	°CWB	-20.0~15.5				-20.0~15.5			
Refrigerant	Type				R-410A				R-410A			
Piping connections	Liquid	OD		mm	9.52				9.52			
	Gas	OD		mm	15.9				15.9			
	Drain	OD		mm	26				26			
	Level difference	IU - OU	Max.	m	30.0				30.0			
		IU - IU	Max.	m	0.5				0.5			
	Total piping length	System	Equivalent	m	70	90			70	90		
Power supply	Phase / Frequency / Voltage			Hz / V	1~ / 50 / 220-240				3N~ / 50 / 380-415			

FVQ-C / RZQSG-LV1/Y1

Heating & Cooling

Seasonal Classic

INDOOR UNIT					FVQ71C	FVQ100C	FVQ125C	FVQ140C	FVQ100C	FVQ125C	FVQ140C
Cooling capacity	Min./Nom./Max.			kW	-/6.8/-	-/9.5/-	-/12.0/-	-/13.4/-	-/9.5/-	-/12.0/-	-/13.4/-
Heating capacity	Min./Nom./Max.			kW	-/7.5/-	-/10.8/-	-/13.5/-	-/15.5/-	-/10.8/-	-/13.5/-	-/15.5/-
Power input	Cooling	Nom.		kW	2.12	2.96	4.27	4.45	2.96	4.27	4.45
	Heating	Nom.		kW	2.08	2.99	3.96	4.54	2.99	3.96	4.54
EER					3.21		2.81	3.01	3.21	2.81	3.01
COP					3.61		3.41		3.61	3.41	
SEER					5.11	5.11	4.31	-	5.11	4.31	-
SCOP					3.81	3.80	3.81	-	3.80	3.81	-
Annual energy consumption				kWh	1,059	1,480	2,135	2,225	1,480	2,135	2,225
Energy label	Cooling/Heating				A/A		A/B	B/B	A/A	A/B	B/B
Casing	Colour				Fresh White				Fresh White		
Dimensions	Unit	HeightxWidthxDepth		mm	1,850x600x270	1,850x600x350			1,850x600x350		
Weight	Unit			kg	39	47			47		
Fan - Air flow rate	Cooling	High/Nom./Low		m^3/min	18/16/14	28/25/22	28/26/24	30/28/26	28/25/22	28/26/24	30/28/26
	Heating	High/Nom./Low		m^3/min	18/16/14	28/25/22	28/26/24	30/28/26	28/25/22	28/26/24	30/28/26
Sound power level	Cooling	High/Nom./Low		dBA	55/53/50	62/59/56	63/60/58	65/63/60	62/59/56	63/60/58	65/63/60
	Heating	High/Nom./Low		dBA	55/53/50	62/59/56	63/60/58	65/63/60	62/59/56	63/60/58	65/63/60
Sound pressure level	Cooling	High/Nom./Low		dBA	43/41/38	50/47/44	51/48/46	53/51/48	50/47/44	51/48/46	53/51/48
	Heating	High/Nom./Low		dBA	43/41/38	50/47/44	51/48/46	53/51/48	50/47/44	51/48/46	53/51/48
Refrigerant	Type				R-410A				R-410A		
Piping connections	Liquid	OD		mm	9.52				9.52		
	Gas	OD		mm	15.9				15.9		
Power supply	Phase / Frequency / Voltage			Hz / V	1~ / 50/60 / 220-240/220				1~ / 50/60 / 220-240/220		

OUTDOOR UNIT					RZQSG71LV1	RZQSG100LV1	RZQSG125LV1	RZQSG140LV1	RZQSG100LY1	RZQSG125LY1	RZQSG140LY1
Dimensions	Unit	HeightxWidthxDepth		mm	770x900x320	990x940x320		1,430x940x320	990x940x320		1,430x940x320
Weight	Unit			kg	67	81		102	82		101
Fan - Air flow rate	Cooling	Nom.		m^3/min	52	76	77	83	76	77	83
	Heating	Nom.		m^3/min	48	83		62	83		62
Sound power level	Cooling	Nom.		dBA	65	69	70	69	69	70	69
Sound pressure level	Cooling	Nom.		dBA	49/47	53/49	54/49	53/49	53	54	53
	Heating	Nom.		dBA	51	57	58	54	57	58	54
	Night quiet mode	Level 1		dBA	-				49		
Operation range	Cooling	Ambient	Min.~Max.	°CDB	-5.0~46	-5.0~46.0			-5.0~46.0		
	Heating	Ambient	Min.~Max.	°CWB	-15~15.5	-15.0~15.5			-15.0~15.5		
Refrigerant	Type				R-410A				R-410A		
Piping connections	Liquid	OD		mm	9.52				9.52		
	Gas	OD		mm	15.9				15.9		
	Drain	OD		mm	26				26		
	Level difference	IU - OU	Max.	m	15	30.0			30.0		
		IU - IU	Max.	m	0.5				0.5		
	Total piping length	System	Equivalent	m	70	90			90		
Power supply	Phase / Frequency / Voltage			Hz / V	1~ / 50 / 220-240				3N~ / 50 / 380-415		

AHQ-A / AZQS-AV1/AW1

Ceiling suspended unit

AHQ71A

AZQS71AV1

ARCWLA

Siesta INVERTER

- Ideal solution for shops, restaurants or offices without false ceilings
- Can be installed in both new and existing buildings
- Air filter removes airborne dust particles to ensure a steady supply of clean air
- Easy installation and maintenance
- Outdoor units are fitted with a scroll compressor, renowned for its low noise and high energy efficiency
- Outdoor units are fitted with a swing compressor, renowned for its low noise and high energy efficiency
- Daikin air conditioners are energy efficient and economical
- The use of inverter type outdoor units results in an air conditioning system with a high energy efficiency
- Daikin outdoor units are neat, sturdy and can easily be mounted on a roof or terrace or simply placed against an outside wall
- Outdoor units for pair application

Heating & Cooling

INDOOR UNIT					AHQ71A	AHQ100A	AHQ125A	AHQ140A	AHQ100A	AHQ125A	AHQ140A
Cooling capacity	Min./Nom./Max.			kW	-/7.6/-	-/9.7/-	-/12.6/-	-/13.5/-	-/10.00/-	-/12.50/-	-/12.70/-
Heating capacity	Min./Nom./Max.			kW	-/8.1/-	-/11.4/-	-/15.4/-	-/16.6/-	-/11.20/-	-/14.00/-	-/15.10/-
Power input	Cooling	Nom.		kW	2.51	3.20	4.44	5.13	3.24	4.24	5.02
	Heating	Nom.		kW	2.66	3.51	4.80	4.37	3.10	4.00	4.31
EER					3.03		2.84	2.63	3.09	2.95	2.53
COP					3.05	3.25	3.21	3.80	3.61	3.50	
Annual energy consumption				kWh	1,255	1,600	2,220	2,565	1,620	2,120	2,510
Energy label	Cooling/Heating				B/D	B/C	C/C	D/A	B/A	C/B	E/B
Casing	Colour				-				-		
Dimensions	Unit	HeightxWidthxDepth		mm	218x1,090x630	260x1,538x634	260x1,786x634	285x1,902x680	260x1,538x634	260x1,786x634	285x1,902x680
Weight	Unit			kg	27	45	65	70	45	65	70
Fan - Air flow rate	Cooling	High/Nom/Low		cfm	620/570/520	1.100/983/877	1,215/1,082/959	1,550/1,380/1,000	1,100/1,380/1,000	1,215/1,022/959	1,550/1,380/1,000
	Heating	High/Nom/Low		cfm	620/570/520	1.100/983/877	1,215/1,082/959	1,550/1,380/1,000	1,100/983/877	1,215/1,082/959	1,550/1,380/1,000
Sound power level	Cooling	High		dBA	66	68	69	70	68	69	70
	Heating	High		dBA	66	68	69	70	68	69	70
Sound pressure level	Cooling	High/Nom./Low		dBA	56/51/44	52/47/46	52/50/49	56/53/46	52/47/46	52/50/49	56/53/46
	Heating	High/Nom./Low		dBA	56/51/44	52/47/46	52/50/49	56/53/46	52/47/46	52/50/49	56/53/46
Refrigerant	Type				R-410A				R-410A		
Piping connections	Liquid	OD		mm	9.52				9.52		
	Gas	OD		mm	15.88				15.88		
Power supply	Phase / Frequency / Voltage			Hz / V	1~ / 50 / 230				1~ / 50 / 230		

OUTDOOR UNIT					AZQS71AV1	AZQS100AV1	AZQS125AV1	AZQS140AV1	AZQS100AW1	AZQS125AW1	AZQS140AW1
Dimensions	Unit	HeightxWidthxDepth		mm	770x900x320	1,345x900x320	1,345x900x320	1,345x900x320	1,345x900x320		
Weight	Unit			kg	67	109	109	109	106		
Fan - Air flow rate	Cooling	Nom.		m^3/min	52	65	67	68	103.0	99.0	
	Heating	Nom.		m^3/min	48	-	-	-	101.0	100.0	
Sound power level	Cooling	Nom.		dBA	64	-	-	-	65.0	66.0	
Sound pressure level	Cooling	Nom.		dBA	48	50	51	51	49.0	50.0	
	Heating	Nom.		dBA	50	52	53	53	51.0	52.0	
	Night quiet mode	Level 1		dBA	43	-	-	-	45		
Operation range	Cooling	Ambient	Min.~Max.	°CDB	-15~50				-15.0~50.0		
	Heating	Ambient	Min.~Max.	°CWB	-20~15.5				-20.0~15.5		
Refrigerant	Type				R-410A				R-410A		
Piping connections	Liquid	OD		mm	9.52				9.52		
	Gas	OD		mm	15.9				15.9		
	Drain	OD		mm	26				26		
	Level difference	IU - OU	Max.	m	30.0				30.0		
		IU - IU	Max.	m	0.5				0.5		
	Total piping length	System	Equivalent	m	70	95			95		
Power supply	Phase / Frequency / Voltage			Hz / V	1~ / 50 / 230				3N~ / 50 / 400		

ACQ-A / AZQS-AV1/AW1

4-way blow ceiling mounted cassette

ACQ71A

AZQS71AV1/W1

ARCWLA

Siesta INVERTER

- Ideal solution for shops, restaurants or offices requiring maximum floor space for furniture, decorations and fittings
- Blends unobtrusively with any interior décor: only the suction and discharge grilles are visible
- Air can be discharged in any of 4 directions
- Air filter removes airborne dust particles to ensure a steady supply of clean air
- Easy installation and maintenance
- Daikin air conditioners are energy efficient and economical
- The use of inverter type outdoor units results in an air conditioning system with a high energy efficiency
- Daikin outdoor units are neat, sturdy and can easily be mounted on a roof or terrace or simply placed against an outside wall
- Outdoor units for pair application

Heating & Cooling

INDOOR UNIT					ACQ71A	ACQ100A	ACQ125A	ACQ100A	ACQ125A
Cooling capacity	Min./Nom./Max.			kW	-/7.4/-	-/10.2/-	-/13.0/-	-/10.50/-	-/12.50/-
Heating capacity	Min./Nom./Max.			kW	-/8.3/-	-/11.9/-	-/14.1/-	-/11.20/-	-/14.00/-
Power input	Cooling	Nom.		kW	2.24	3.18	4.03	3.17	3.78
	Heating	Nom.		kW	2.30	3.30	3.91	3.10	3.88
EER					3.31	3.21	3.23	3.31	
COP						3.61		3.61	
Annual energy consumption				kWh	1,120	1,590	2,015	1,585	1,890
Energy label	Cooling/Heating					A/A			
Casing	Colour					-		-	
Dimensions	Unit	HeightxWidthxDepth		mm	300x820x820	335x820x820		335x820x820	
Weight	Unit			kg	31.0	39.0	41.0	39.0	41.0
Standard panel	Model					ADP125A			
	Dimensions	HeightxWidthxDepth		mm		82x990x990		82x990x990	
Fan - Air flow rate	Cooling	High/Nom/Low		cfm	860/725/530	1,030/860/740/620	1,200/1,030/930/780	1,030/860/740/620	1,200/1,030/930/780
	Heating	High/Nom./Low/Silent operation		cfm	860/730/620/530	1,030/860/740/620	1,200/1,030/930/780	1,030/860/740/620	1,200/1,030/930/780
Sound power level	Cooling	High/Nom./Low		dBA	54/50/48	57/55/54	60/57/55	57/55/54	60/57/55
	Heating	High/Nom./Low		dBA	54/50/48	57/55/54	60/57/55	57/55/54	60/57/55
Sound pressure level	Cooling	High/Nom./Low/Silent operation		dBA	41/38/35/32	44/41/38/36	47/44/43/39	44/41/38/36	47/44/43/39
	Heating	High/Nom./Low/Silent operation		dBA	41/38/35/32	44/41/38/36	47/44/43/39	44/41/38/36	47/44/43/39
Refrigerant	Type					R-410A		R-410A	
Piping connections	Liquid	OD		mm		9.52		9.52	
	Gas	OD		mm		15.88		15.88	
Power supply	Phase / Frequency / Voltage			Hz / V		1~ / 50 / 230		1~ / 50 / 230	

OUTDOOR UNIT					AZQS71AV1	AZQS100AV1	AZQS125AV1	AZQS100AW1	AZQS125AW1
Dimensions	Unit	HeightxWidthxDepth		mm	770x900x320	1,345x900x320	1,345x900x320	1,345x900x320	
Weight	Unit			kg	67	109	109	106	
Fan - Air flow rate	Cooling	Nom.		m^3/min	52	65	67	103.0	99.0
	Heating	Nom.		m^3/min	48	-	-	101.0	100.0
Sound power level	Cooling	Nom.		dBA	64	-	-	65.0	66.0
Sound pressure level	Cooling	Nom.		dBA	48	50	51	49.0	50.0
	Heating	Nom.		dBA	50	52	53	51.0	52.0
	Night quiet mode	Level 1		dBA	43	-	-	45	
Operation range	Cooling	Ambient	Min.~Max.	°CDB	-15~50			-15.0~50.0	
	Heating	Ambient	Min.~Max.	°CWB	-20~15.5			-20.0~15.5	
Refrigerant	Type				R-410A			R-410A	
Piping connections	Liquid	OD		mm	9.52			9.52	
	Gas	OD		mm	15.9			15.9	
	Drain	OD		mm	26			26	
	Level difference	IU - OU	Max.	m	30.0			30.0	
		IU - IU	Max.	m	0.5			0.5	
	Total piping length	System	Equivalent	m	95			95	
Power supply	Phase / Frequency / Voltage			Hz / V	1~ / 50 / 230			3N~ / 50 / 400	

ABQ-A / AZQS-AV1/AW1

Concealed ceiling unit

ABQ71A

AZQS71AW1

ARCWA

Siesta INVERTER

- Ideal solution for shops, restaurants or offices requiring maximum floor space for furniture, decorations and fittings
- Blends unobtrusively with any interior décor: only the suction and discharge grilles are visible
- Compact dimensions, can easily be mounted in a narrow ceiling void
- Air filter removes airborne dust particles to ensure a steady supply of clean air
- Easy installation and maintenance
- Daikin air conditioners are energy efficient and economical
- The use of inverter type outdoor units results in an air conditioning system with a high energy efficiency
- Daikin outdoor units are neat, sturdy and can easily be mounted on a roof or terrace or simply placed against an outside wall
- Outdoor units for pair application

Heating & Cooling

INDOOR UNIT					ABQ71A	ABQ100A	ABQ125A	ABQ140A	ABQ100A	ABQ125A	ABQ140A
Cooling capacity	Min./Nom./Max.			kW	-/7.2/-	-/10.2/-	-/13.3/-	-/13.9/-	-/10.20/-	-/12.50/-	-/14.00/-
Heating capacity	Min./Nom./Max.			kW	-/8.3/-	-/11.2/-	-/15.9/-	-/16.5/-	-/11.20/-	-/13.70/-	-/16.50/-
Power input	Cooling	Nom.		kW	2.21	3.09	4.15	4.61	3.08	4.10	4.76
	Heating	Nom.		kW	2.21	3.03	4.40	4.83	3.10	3.80	4.57
EER					3.26	3.30	3.21	3.01	3.31	3.05	2.94
COP					3.75	3.71	3.62	3.41		3.61	
Annual energy consumption				kWh	1,105	1,545	2,075	2,305	1,540	2,050	2,380
Energy label	Cooling/Heating				A/A			B/B	A/A	B/A	C/A
Casing	Colour				-				-		
Dimensions	Unit	HeightxWidthxDepth		mm	285x1,020x600	305x1,325x638	378x1,388x541	378x1,588x541	305x1,325x638	378x1,388x541	378x1,588x541
Weight	Unit			kg	35.0	47.0	50.0	56.0	47.0	50.0	56.0
Fan - Air flow rate	Cooling	Super high/High/Nom/Low		cfm	850/700/590/480	1,280/1,160/1,050/920	1,430/1,320/1,230/1,130	1,720/1,550/1,340/1,170	1,280/1,160/1,050/920	1,430/1,320/1,230/1,130	1,720/1,550/1,340/1,170
	Heating	Super high/High/Nom/Low/Silent		cfm	850/700/590/480	1,280/1,160/1,050/920	1,430/1,320/1,230/1,130	1,720/1,550/1,340/1,170	1,280/1,160/1,050/920	1,430/1,320/1,230/1,130	1,720/1,550/1,340/1,170
Fan - External static pressure	Super high/High/Nom./Low			Pa	78/53/38/25	118/96/78/61	147/126/109/92	147/120/90/69	118/96/78/61	147/126/109/92	147/120/90/69
Sound power level	Cooling	Super high/High/Nom./Low		dBA	67/64/61/57	80/76/73/70	78/76/73/70	79/78/75/71	80/76/73/70	78/76/73/70	79/78/75/71
	Heating	High/Nom./Low		dBA	64/61/57	76/73/70		78/75/71	76/73/70		78/75/71
Sound pressure level	Cooling	Super high/High/Nom./Low		dBA	44/41/38/34	55/51/48/45	53/52/50/47	55/53/50/47	55/51/48/45	53/52/50/47	55/53/50/47
	Heating	High/Nom./Low		dBA	41/38/34	51/48/45	52/50/47	53/50/47	51/48/45	52/50/47	53/50/47
Refrigerant	Type				R-410A				R-410A		
Piping connections	Liquid	OD		mm	9.52				9.52		
	Gas	OD		mm	15.88				15.88		
Power supply	Phase / Frequency / Voltage			Hz / V	1~ / 50 / 230				1~ / 50 / 230		

OUTDOOR UNIT					AZQS71AV1	AZQS100AV1	AZQS125AV1	AZQS140AV1	AZQS100AW1	AZQS125AW1	AZQS140AW1
Dimensions	Unit	HeightxWidthxDepth		mm	770x900x320	1,345x900x320	1,345x900x320	1,345x900x320	1,345x900x320		
Weight	Unit			kg	67	109	109	109	106		
Fan - Air flow rate	Cooling	Nom.		m^3/min	52	65	67	68	103.0	99.0	
	Heating	Nom.		m^3/min	48	-	-	-	101.0	100.0	
Sound power level	Cooling	Nom.		dBA	64	-	-	-	65.0	66.0	
Sound pressure level	Cooling	Nom.		dBA	48	50	51	51	49.0	50.0	
	Heating	Nom.		dBA	50	52	53	53	51.0	52.0	
	Night quiet mode	Level 1		dBA	43	-	-	-	45		
Operation range	Cooling	Ambient	Min.~Max.	°CDB	-15~50				-15.0~50.0		
	Heating	Ambient	Min.~Max.	°CWB	-20~15.5				-20.0~15.5		
Refrigerant	Type				R-410A				R-410A		
Piping connections	Liquid	OD		mm	9.52				9.52		
	Gas	OD		mm	15.9				15.9		
	Drain	OD		mm	26				26		
	Level difference	IU - OU	Max.	m	30.0				30.0		
		IU - IU	Max.	m	0.5				0.5		
	Total piping length	System	Equivalent	m	95				95		
Power supply	Phase / Frequency / Voltage			Hz / V	1~ / 50 / 230				3N~ / 50 / 400		

RZQ-C

Twin, triple, double twin, Three phase

- Re-use of existing R-22 or R-407C piping
- Down to -15°C in heating mode
- Standard night quiet mode
- Maximum piping length up to 100m
- Maximum installation height difference up to 30m

	FCQG					FFQ-B9V		FBQ-C8					FHQ-B8		FHQG-C			FUQ-B8			FAQ-C		FDQ-C
	50	60	71	100	125	50	60	50	60	71	100	125	50	60	71	100	125	71	100	125	71	100	125
see page	26	26	22	22	22	27	27	30	30	28	28	28	38	38	36	36	36	39	39	39	34	34	32
RZQ200C	4	3	3	2		4	3	4	3	3	2		4	3	3	2		3	2		3	2	
RZQ250C		4			2		4		4			2		2			2			2			2

CONNECTABLE OUTDOOR UNITS					RZQ200C	RZQ250C
Dimensions	Unit	HeightxWidthxDepth		mm	1,680x930x765	
Weight	Unit			kg	183	184
Fan - Air flow rate	Cooling	Nom.		m^3/min	171	
	Heating	Nom.		m^3/min	171	
Fan - External static pressure	Max.			Pa	78	
Sound power levelCooli		Cooling		dBA	78	
Operation range	Cooling	Ambient	Min.~Max.	°CDB	-5.0~46.0	
	Heating	Ambient	Min.~Max.	°CWB	-15.0~15.0	
Refrigerant	Type				R-410A	
Piping connections	Level difference	IU - OU	Max.	m	-	
	Piping length	OU - IU	Max.	m	100	
Power supply	Phase / Frequency / Voltage			Hz / V	3N~ / 50 / 380-415	

RZQG-L

Twin, triple, double twin

- Seasonal efficiency, optimized for all seasons
- Seasonal smart series already comply with the EU's 2014 Eco-Design requirements
- Suits computer room applications (EDP)
- Re-use of existing R-22 or R-407C technology
- Down to -20°C in heating mode
- Standard night quiet mode
- Maximum piping length up to 75m
- Minimum piping length: no limitation
- Compatibility with D-BACS

		FCQHG-F	FCQG-F				FFQ-B9V			FBQ-C8				FHQ-B8			FHQG-C	FAQ-C	FUQ-B8
		71	35	50	60	71	35	50	60	35	50	60	71	35	50	60	71	71	71
See page		36	26	26	22	22	27	27	27	30	30	30	28	38	38	38	36	34	39
RZQG71L7V1	RZQG71LY1		2				2			2				2					
RZQG100L7V1	RZQG100LY1		3	2			3	2		3	2			3	2				
RZQG125L7V1	RZQG125LY1		4	3	2		4	3	2	4	3	2		4	3	2			
RZQG140L7V1	RZQG140LY1	2	4	3		2	4	3		4	3		2	4	3		2	2	2

OUTDOOR UNIT					RZQG71L7V1	RZQG100L7V1	RZQG125L7V1	RZQG140L7V1	RZQG71LY1	RZQG100LY1	RZQG125LY1	RZQG140LY1
Dimensions	Unit	HeightxWidthxDepth		mm	990x940x320	1,430x940x320			990x940x320	1,430x940x320		
Weight	Unit			kg	78	102			80	101		
Fan - Air flow rate	Cooling	Nom.		m^3/min	59	70		84	59	70		84
	Heating	Nom.		m^3/min	49	62			49	62		
Sound power level	Cooling	Nom.		dBA	64	66	67	69	64	66	67	69
Sound pressure level	Cooling	Nom.		dBA	48	50	51	52	48	50	51	52
	Heating	Nom.		dBA	50	52	53		50	52	53	
	Night quiet mode	Level 1		dBA	43	45			43	45		
Operation range	Cooling	Ambient	Min.~Max.	°CDB	-15.0~50.0				-15.0~50.0			
	Heating	Ambient	Min.~Max.	°CWB	-20.0~15.5				-20.0~15.5			
Refrigerant	Type				R-410A				R-410A			
Piping connections	Liquid	OD		mm	9.52				9.52			
	Gas	OD		mm	15.9				15.9			
	Drain	OD		mm	26				26			
	Level difference	IU - OU	Max.	m	30.0				30.0			
		IU - IU	Max.	m	0.5				0.5			
	Total piping length	System	Equivalent	m	70	90			70	90		
Power supply	Phase / Frequency / Voltage			Hz / V	1~ / 50 / 220-240				3N~ / 50 / 380-415			

RZQSG-L

Twin, triple, double twin

Seasonal Classic

- Seasonal efficiency, optimized for all seasons
- Re-use of existing R-22 or R-407C technology
- Down to -15°C in heating mode
- Maximum piping length up to 50m
- Minimum piping length: no limitation
- Compatibility with D-BACS

		FCQHG-F	FCQG-F				FFQ-B9V			FBQ-C8				FHQ-B8			FHQG-C	FAQ-C
		71	35	50	60	71	35	50	60	35	50	60	71	35	50	60	71	71
see page		36	26	26	22	22	27	27	27	30	30	30	28	38	38	38	36	34
RZQSG71LV1			2				2			2				2				
RZQSG100LV1	RZQSG100LY1		3	2			3	2		3	2			3	2			
RZQSG125LV1	RZQSG125LY1		4	3	2		4	3	2	4	3	2		4	3	2		
RZQSG140LV1	RZQSG140LY1	2	4	3		2	4	3		4	3		2	4	3		2	2

Seasonal Classic

OUTDOOR UNIT					RZQSG71LV1	RZQSG100LV1	RZQSG125LV1	RZQSG140LV1	RZQSG100LY1	RZQSG125LY1	RZQSG140LY1
Dimensions	Unit	HeightxWidthxDepth		mm	770x900x320	990x940x320		1,430x940x320	990x940x320		1,430x940x320
Weight	Unit			kg	67	81		102	82		101
Fan - Air flow rate	Cooling	Nom.		m^3/min	52	76	77	83	76	77	83
	Heating	Nom.		m^3/min	48	83		62	83		62
Sound power level	Cooling	Nom.		dBA	65	69	70	69	69	70	69
Sound pressure level	Cooling	Nom.		dBA	49/47	53/49	54/49	53/49	53	54	53
	Heating	Nom.		dBA	51	57	58	54	57	58	54
	Night quiet mode	Level 1		dBA	-				49		
Operation range	Cooling	Ambient	Min.~Max.	°CDB	-5.0~46	-5.0~46.0			-5.0~46.0		
	Heating	Ambient	Min.~Max.	°CWB	-15~15.5	-15.0~15.5			-15.0~15.5		
Refrigerant	Type				R-410A				R-410A		
Piping connections	Liquid	OD		mm	9.52				9.52		
	Gas	OD		mm	15.9				15.9		
	Drain	OD		mm	26				26		
	Level difference	IU - OU	Max.	m	15	30.0			30.0		
		IU - IU	Max.	m	0.5				0.5		
	Total piping length	System	Equivalent	m	70	90			90		
Power supply	Phase / Frequency / Voltage			Hz / V	1~ / 50 / 220-240				3N~ / 50 / 380-415		

INVERTER

- Wide range from 2 to 5 port units
- Possibility to connect up to 5 indoor units
- new A new 3-port 40 multi outdoor unit gives an answer to lower capacity requirements of better insulated houses. The newly developed 15-class wall mounted allows efficient distribution of the lower capacity of the multi outdoor unit.
- All indoor units can be individually controlled and do not need to be installed in the same room or even at the same time
- Outdoor units are fitted with a Daikin swing compressor renowned for its low noise and high energy efficiency
- Possibility to combine different types of indoor units: wall mounted, floor standing, concealed ceiling, ceiling suspended units, round flow or 4-way blow cassettes

Heating & Cooling

CONNECTABLE INDOOR UNITS	Wall mounted															Floor standing						Slim concealed ceiling				Flexi type				Round flow cassette			4-way blow cassette				Concealed ceiling				Ceiling suspended		
	FTXG-J			FTXS-K		CTXS-K		FTXS-J/G					FTX-JV			FVXG-K			FVXS-F			FDXS-E/C				FLXS-B				FCQ-C8			FFQ-B9V				FDBQ-B/FBQ-C8				FHQ-B8		
	25	35	50	20	25	15	35	25	35	42	50	60	71	25	35	50	25	35	50	25	35	50	25	35	50	60	25	35	50	60	35	50	60	25	35	50	60	25	35	50	60	35	50	60
2MXS40H	●	●		●	●	●	●	●	●					●	●	●	●	●	●				●	●			●	●																
2MXS50H	●	●	●	●	●	●	●	●	●	●	●			●	●	●	●	●	●	●			●	●			●	●	●					●	●	●								
3MXS40K	●	●		●	●	●	●	●	●								●	●		●	●		●	●			●	●			●			●	●			●	●			●		
3MXS52E	●	●	●	●	●	●	●	●	●	●	●						●	●	●	●	●		●	●	●		●	●			●	●		●	●	●		●	●	●		●	●	●
3MXS68G	●	●	●	●	●	●	●	●	●	●	●	●					●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
4MXS68F	●	●	●	●	●	●	●	●	●	●	●	●					●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
4MXS80E	●	●	●	●	●	●	●	●	●	●	●	●	●				●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
5MXS90E	●	●	●	●	●	●	●	●	●	●	●	●	●				●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●

CONNECTABLE OUTDOOR UNITS					NEW							
OUTDOOR UNIT					2MXS40H	2MXS50H	3MXS40K	3MXS52E	3MXS68G	4MXS68F	4MXS80E	5MXS90E
Dimensions	Unit	HeightxWidthxDepth		mm	550x765x285	550x765x285	735x826x300	735x826x300			770x900x320	
Weight	Unit			kg	38	42	49	49	58		72	73
Fan - Air flow rate	Cooling	High/Nom./Low		m^3/min	36/33/30	37/34/34	45/-/41	45/-/45	52.7/49.4/43.5		54.5/-/46.0	57.1/54.5/46.0
	Heating	High/Nom./Low		m^3/min	32/32/32	34/34/34	45/-/41	45/-/41	46.4/44.5/16.3		46.0/-/14.7	52.5/-/14.7
Sound power level	Cooling	High/Nom.		dBA	-/62	-/63	59/-	-/59	-/61		-/62	-/66
Sound pressure level	Cooling	Nom.		dBA	47	48	46	46	48			52
	Heating	Nom.		dBA	48	50	47	47	49			52
Operation range	Cooling	Ambient	Min.~Max.	°CDB	10~46							
	Heating	Ambient	Min.~Max.	°CWB	-15~15.5							
Refrigerant	Type				R-410A							
Piping connections	Liquid	OD		mm	6.35							
	Gas	OD		mm	9.52		9.52x3	9.52				
	Drain	OD		mm	18						25	
	Level difference	IU - OU	Max.	m	15							
		IU - IU	Max.	m	7.5							
	Heat insulation				Both liquid and gas pipes							
	Total piping length	System	Actual	m	30			50		60	70	75
Power supply	Phase / Frequency / Voltage			Hz / V	1~ / 50 / 230							

RXYSQ-P8V1

VRVIII-S heat pump for residential application

INVERTER

- Energy efficient heating system based on air source heat pump technology
- Low energy bills and low CO_2 emissions
- Possibility to connect up to 9 indoor units
- All indoor units can be individually controlled and do not need to be installed in the same room or even at the same time
- Possibility to combine different types of indoor units: concealed ceiling, ceiling suspended units, round flow or 4-way blow cassettes
- Slim design for flexible installation
- 3 steps in night quiet mode: step 1: 47dBA, step 2: 44 dBA, step 3: 41 dBA
- Easy installation thanks to automatic refrigerant charging operation, automatic test operation
- Possibility to limit peak power consumption between 30 and 80%, for example during periods with high power demand

Heating & Cooling

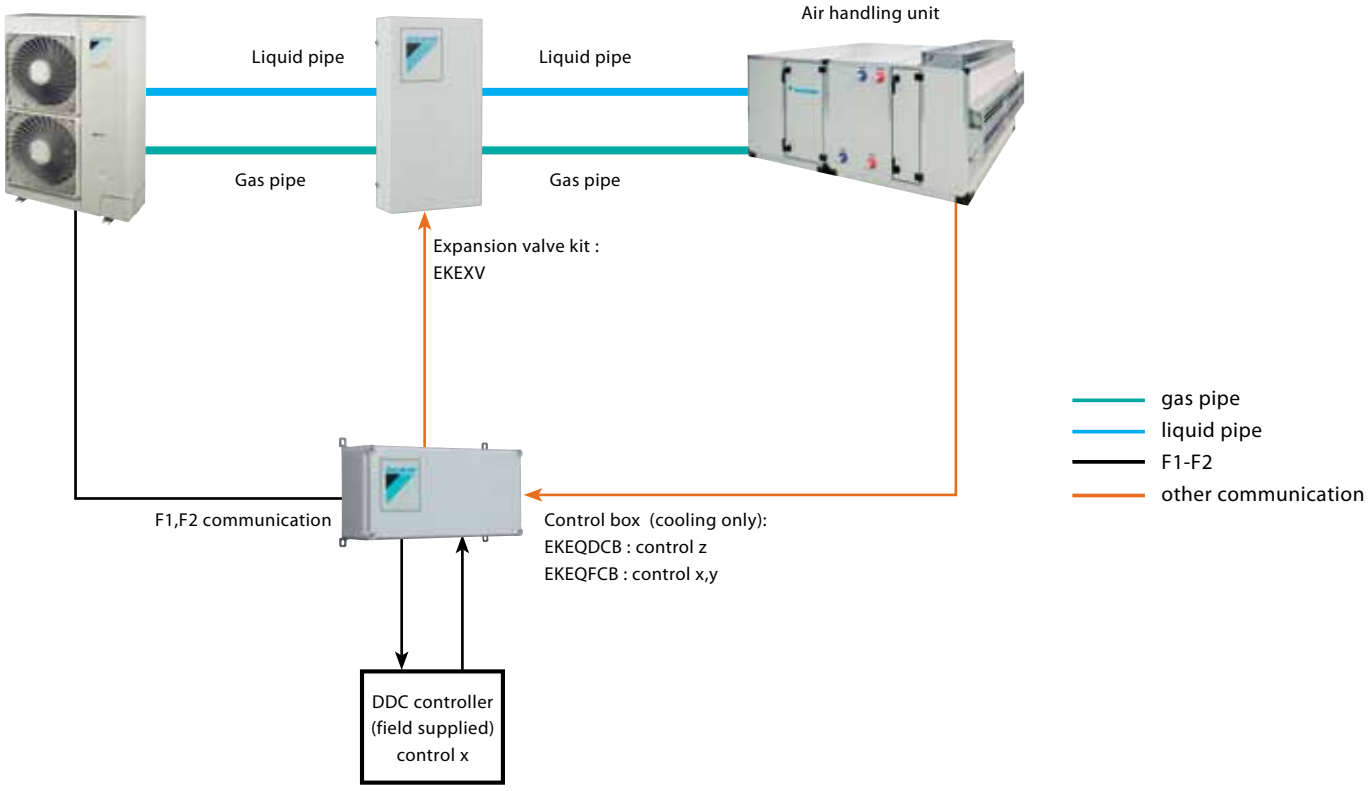
CONNECTABLE INDOOR UNITS	Wall mounted													Floor standing						Concealed ceiling								Flexi type				Round flow cassette			4-way blow cassette				Ceiling suspended		
	FTXG-J			CTXS-K		FTXS-K		FTXS-J/G						FVXG-K			FVXS-F			FDBQ-B	FDXS-E		FDXS-C		FBQ-C8			FLXS-B				FCQG-F			FFQ-B9V				FHQ-B8		
	25	35	50	15	35	20	25	25	35	42	50	60	71	25	35	50	25	35	50	25	25	35	50	60	35	50	60	25	35	50	60	35	50	60	25	35	50	60	35	50	60
RXYSQ-P8V1	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●

CONNECTABLE INDOOR UNITS						
Outdoor unit					RXYSQ4P8V1	RXYSQ5P8V1	RXYSQ6P8V1
Capacity range				HP	4	5	6
Cooling capacity	Nom.			kW	11.2	14.0	15.5
Heating capacity	Nom.			kW	12.5	16.0	18.0
Power input - 50Hz	Cooling	Nom.		kW	2.81	3.51	4.53
	Heating	Nom.		kW	2.74	3.86	4.57
EER					3.99	3.99	3.42
COP					4.56	4.15	3.94
Maximum number of connectable indoor units					8 / 6	10 / 8	13 / 9
Dimensions	Unit	HeightxWidthxDepth		mm	1,345x900x320		
Weight	Unit			kg	120		
Sound power level	Cooling	Nom.		dBA	66	67	69
Sound pressure level	Cooling	Nom.		dBA	50	51	53
	Heating	Nom.		dBA	52	53	55
Operation range	Cooling	Min.~Max.		°CDB	-5~46		
	Heating	Min.~Max.		°CWB	-20~15.5		
Refrigerant	Type				R-410A		
Piping connections	Liquid	OD		mm	9.52		
	Gas	OD		mm	19.1		
	Piping length	OU - IU	Max.	m	150		
	Total piping length	System	Actual	m	115	135	145
	Level difference	OU - IU		m	40 (Outdoor unit in highest position)/30(Indoor unit in highest postition)		
Power supply	Phase/Frequency/Voltage			Hz/V	1N~/50/220-240		
Current - 50Hz	Maximum fuse amps (MFA)			A	32.0		

BRANCH PROVIDER			BPMKS967B2	BPMKS967B3
Connectable indoor units			1~2	1~3
Max. indoor unit connectable capacity			14.2	20.8
Max. connectable combination			71+71	60+71+71
Dimensions	Height x Width x Depth	mm	180x294x350	
Weight		kg	7	8

A range of R-410A inverter condensing units for pair application with air handling units.

- Inverter controlled units
- Large capacity range (from 100 to 250 class)
- Heat pump
- R-410A
- Flexible control possibilities:
  - Control x: control of air temperature (discharge temperature, suction temperature, room temperature) via external device (DDC controller)
  - Control y: control of evaporating temperature via Daikin control (no DDC controller needed)
  - Control z: control of air temperature (suction temperature, room temperature) via Daikin control (no DDC controller needed)
- Wide range of expansion valve kits available

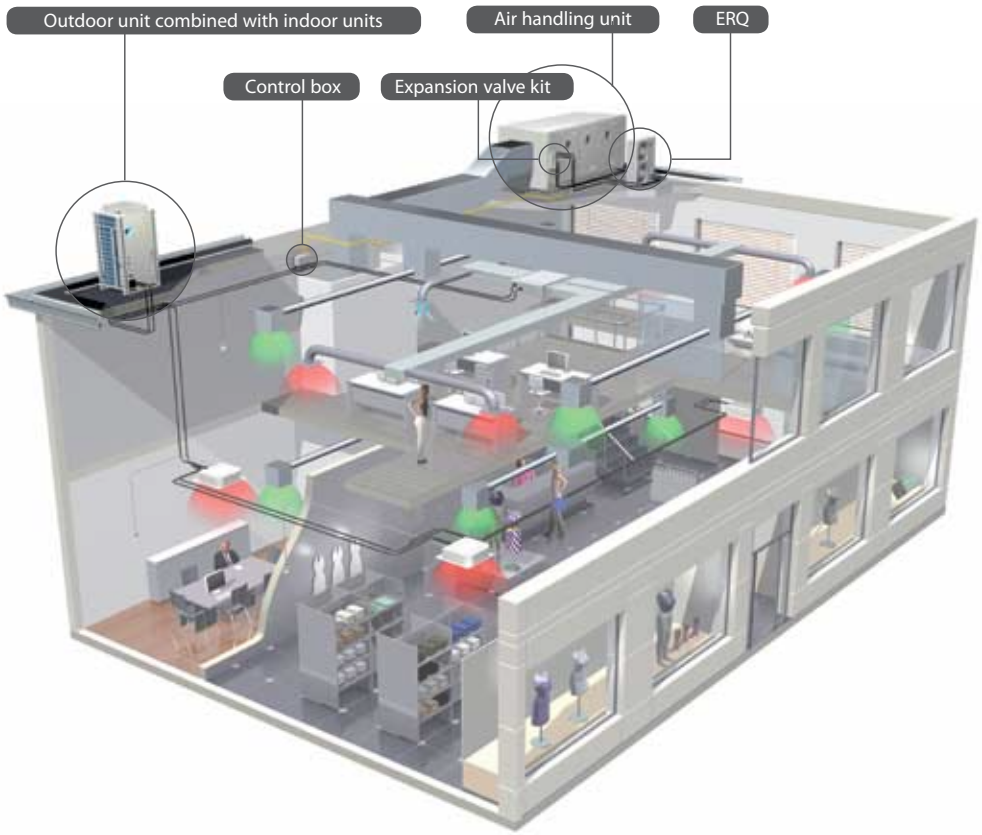


COMBINATION TABLE										
OUTDOOR UNIT		Control box		Expansion valve kit						
		control z	control x or y	class 63	class 80	class100	class 125	class 140	class 200	class 250
		EKEQDCBA	EKEQFCBA	EKEXV63	EKEXV80	EKEXV100	EKEXV125	EKEXV140	EKEXV200	EKEXV250
1~	ERQ100AV1	P	P	P	P	P	P	-	-	-
	ERQ125AV1	P	P	P	P	P	P	P	-	-
	ERQ140AV1	P	P	-	P	P	P	P	-	-
3~	ERQ125AW1	P	P	P	P	P	P	P	-	-
	ERQ200AW1	P	P	-	-	P	P	P	P	P
	ERQ250AW1	P	P	-	-	-	P	P	P	P

P: Pair: Combination depending on air handling units coils volume.
x: Possibility to connect.

VENTILATION				ERQ100AV1	ERQ125AV1	ERQ140AV1
Capacity range			HP	4	5	6
Cooling capacity	Nom.		kW	11.2	14.0	15.5
Heating capacity	Nom.		kW	12.5	16.0	18.0
Power input	Cooling	Nom.	kW		-	
	Heating	Nom.	kW		-	
EER					3.99	3.42
COP				4.56	4.15	3.94
Dimensions	Unit	HeightxWidthxDepth	mm		1,345x900x320	
Weight	Unit		kg		120	
Fan-Air flow rate	Cooling	Nom.	m^3/min		106	
	Heating	Nom.	m^3/min	102	105	
Sound power level	Cooling	Nom.	dBA	66	67	69
Sound pressure level	Cooling	Nom.	dBA	50	51	53
	Heating	Nom.	dBA	52	53	55
Operation range	Cooling	Min./Max.	°CDB		-5/46	
	Heating	Min./Max.	°CWB		-20/15.5	
Refrigerant	Type				R-410A	
Piping connections	Liquid	OD	mm		9.52	
	Gas	OD	mm		15.9	19.1
	Drain	OD	mm		26x3	
Power supply	Phase/Frequency/Voltage		Hz/V		1N~/50/220-240	

VENTILATION				ERQ125AW1	ERQ200AW1	ERQ250AW1
Capacity range			HP	5	8	10
Cooling capacity	Nom.		kW	14.0	22.4	28.0
Heating capacity	Nom.		kW	16.0	25.0	31.5
Power input	Cooling	Nom.	kW	3.52	5.22	7.42
	Heating	Nom.	kW	4.00	5.56	7.70
EER				3.98	4.29	3.77
COP				4.00	4.50	4.09
Dimensions	Unit	HeightxWidthxDepth	mm	1,680x635x765	1,680x930x765	
Weight	Unit		kg	159	187	240
Fan-Air flow rate	Cooling	Nom.	m^3/min	95	171	185
	Heating	Nom.	m^3/min	95	171	185
Sound power level	Nom.		dBA	72	78	
Sound pressure level	Nom.		dBA	54	57	58
Operation range	Cooling	Min./Max.	°CDB		-5/43	
	Heating	Min./Max.	°CWB		-20/15	
Refrigerant	Type				R-410A	
Piping connections	Liquid	OD	mm		9.52	
	Gas	OD	mm	15.9	19.1	22.2
Power supply	Phase/Frequency/Voltage		Hz/V		3N~/50/400	



EKEXV

Expansion valve kit for air handling applications

EKEXV140

- The system provides optimized air conditions such as fresh air and humidity control etc. and can be used in small warehouses, showrooms and offices.
- Wide range of units offers maximum application potential and flexible control options
- Control box and expansion valve kit are required for each combination plus an air handling unit
- Both option kits are designed for indoor and outdoor installation and can be wall mounted.

VENTILATION				EKEXV50	EKEXV63	EKEXV80	EKEXV100	EKEXV125	EKEXV140	EKEXV200	EKEXV250
Dimensions	Unit	HeightxWidthxDepth	mm	401x215x78							
Weight	Unit		kg	2.9							
Sound pressure level	Nom.		dBA	45							
Operation range	Cooling	Min./Max.	°CDB	-5.0/46.0							
	Heating	Min./Max.	°CWB	-/-							
Operation range - on coil temperature	Cooling	Max.	°CDB	35[1]							
	Heating	Min.	°CDB	10[2]							
Refrigerant	Type			R-410A							
Piping connections	Liquid	OD	mm	6.35	9.52						
	Gas	OD	mm	6.35	9.52						

[1] 45% relative humidity
[2] The temperature of the air entering the coil in heating mode can be reduced to -5°CDB. Contact your local dealer for more information

EKEQ

Control box for air handling applications

EKEQFCBV3

- Wide range of units offers maximum application potential and flexible control options
- The system provides optimized air conditions such as fresh air and humidity control etc. and can be used in small warehouses, showrooms and offices.
- Control box and expansion valve kit are required for each combination plus an air handling unit
- Both option kits are designed for indoor and outdoor installation and can be wall mounted.
- Wide offer in control possibilities: control x: room, suction or discharge temperature can be controlled via DDC control (field supplied); control y: control by fixed evaporating temperature; control z: room or suction temperature control via Daikin remote control; remote ON/OFF can be achieved by an optional adapter KRP4A51

VENTILATION				EKEQFCB	EKEQDCB	EKEQMCB
Application				Multi	Multi	Multi
Outdoor unit				VRV	VRV	VRV
Dimensions	Unit	HeightxWidthxDepth	mm	132x400x200		
Weight	Unit		kg	3.6	3.9	3.6
Power supply	Phase/Frequency/Voltage		Hz/V	1~/50/230		

Control possibilities for air handling applications

In order to maximise installation flexibility, 3 types of control systems are offered:

Possibility X (Td/Tr control):

Air temperature control via an external DDC controller (field supplied)

Room temperature is controlled as a function of the air handling unit suction or discharge air (customer selection). The DDC controller is translating the temperature difference between set point and air suction temperature (or air discharge temperature or room temperature) into a reference voltage (0-10V) which is transferred to the Daikin control box (EKEQFCBA). This reference voltage will be used as the main input value for the compressor frequency control.

Possibility Y (Te/Tc control):

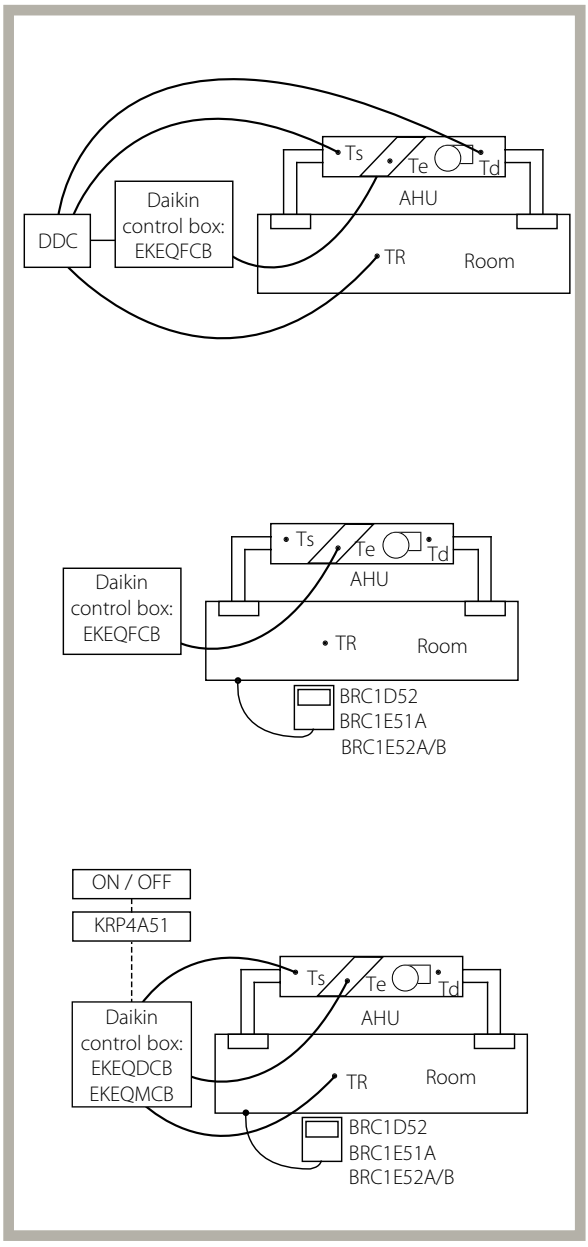
By fixed evaporating temperature

A fixed target evaporating temperature of between 3°C and 8°C can be set by the customer. In this case, room temperature is only indirectly controlled. The cooling load is determined from the actual evaporating temperature (i.e. load to the heat exchanger). A Daikin wired remote controller (BRC1D52, BRC1E51A or BRC1E52A/B - optional) can be connected for error indication.

Possibility Z (Ts/Tr control):

Using Daikin wired remote controller
(BRC1D52, BRC1E51A or BRC1E52A/B - optional)

Set point can be fixed via standard Daikin wired remote controller. Remote ON/OFF can be achieved by an optional adapter KRP4A51.
No external DDC controller should be connected. The cooling load is determined from the air suction temperature and set point on the Daikin controller.



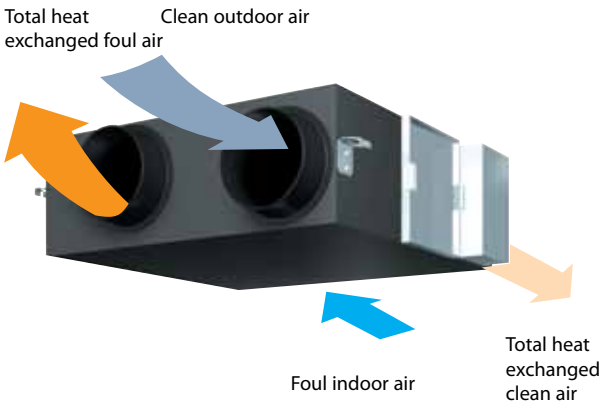
Ts = Air suction temperature
Td = Air discharge temperature
Tr = Room temperature
Te = Evaporating temperature
AHU = Air Handling Unit
DDC = Digital Display Controller

	OPTION KIT	FEATURES
Possibility x	EKEQFCB	Field supplied DDC controller is required Temperature control using air suction or air discharge temperature
Possibility y		Using fixed evaporating temperature, no set point can be set using remote controller
Possibility z	EKEQDCB EKFQMCB*	Using Daikin wired remote controller BRC1D52, BRC1E51A or BRC1E52A/B Temperature control using air suction temperature

* EKEQMCB (for 'multi' application)

VAM-FA

Heat Reclaim Ventilation



The Daikin heat reclaim ventilation system modulates the temperature and humidity of incoming fresh air to match indoor conditions. A balance is thus achieved between indoor and outdoor ambients, enabling the cooling or heating load placed on the air conditioning system to be reduced significantly. HRV units can be controlled individually or integral with the air conditioning system (Daikin VRV or Sky Air series).

- 9 models to choose from
- Compact, energy saving ventilation
- Specially developed heat exchange element with HEP (High Efficiency Paper)
- Easy integration into the VRV system
- Connectable to current Daikin control systems:

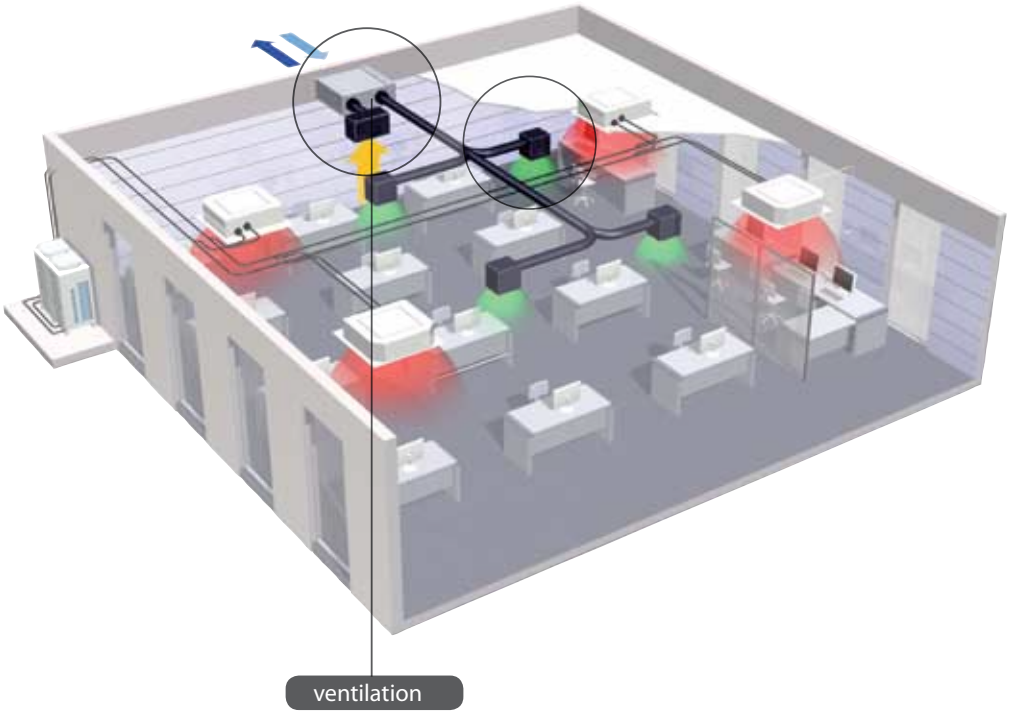
DS-net

intelligent touch Controller

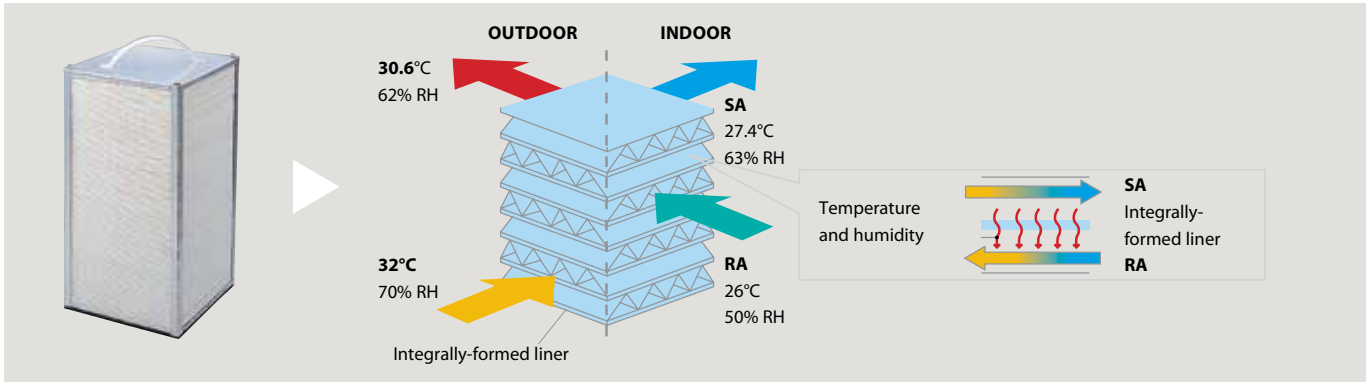
intelligent Manager

LonWorks Interface

BACnet Interface



High Efficiency Paper



RH: Relative Humidity
SA: Supply Air (to room)
RA: Return Air (from room)

VAM-FA											
VENTILATION				VAM150FA	VAM250FA	VAM350FA	VAM500FA	VAM650FA	VAM800FA	VAM1000FA	VAM1500FA	VAM2000FA
Air flow rate		HH	m^3/h	150	250	350	500	650	800	1,000	1,500	2,000
Sound pressure level (220V) [1]		HH	dBA	27	28	32	33	34.5	36	36	39.5	40
External static pressure (max.)		HH	Pa	69	64	98	98	93	137	157	137	137
Temperature exchange efficiency		HH	%	74	72	75	74	74	74	75	75	75
Enthalpy exchange efficiency	cooling	HH	%	58	58	61	58	58	60	61	61	61
	heating	HH	%	64	64	65	62	63	65	66	66	66
Dimensions	height		mm	285	285	301	301	364	364	364	726	726
	width		mm	776	776	828	828	1,004	1,004	1,004	1,514	1,514
	depth		mm	525	525	816	816	868	868	1,156	868	1,156
Weight	unit		kg	24	24	33	33	48	48	61	132	158
Duct diameter			mm	Ø 100	Ø 150	Ø 150	Ø 200	Ø 200	Ø 250	Ø 250	Ø 350	Ø 350
Operation range (Ambient)			°CDB	-15 ~ 50 (80% RH or less)								
Power supply				1~, 220-240V, 50Hz								

[1] Sound pressure level is measured in heat exchange mode.

CYQS/M/L-DK-F/C/R

Biddle standard air curtain

CYQM150DK80FSN

- Connectable to ERQ heat pump
- ERQ is among the first DX system suitable for connection to air curtains
- Free-hanging model (F): easy wall mounted installation
- A payback period of less then 1.5 years compared to installing an electric air curtain
- Easy and quick to install at reduced costs since no additional water sytems, boilers and gas connections are required
- Maximum energy efficiency stemming from almost zero down flow turbulence, optimised air flow and the application of advanced discharge rectifier technology
- Around 85% air separation efficiency, greatly reducing both heat loss and required indoor unit heating capacity

				Small			Medium			
BIDDLE STANDARD AIR CURTAIN FOR CONNECTION TO ERQ				**CYQS150DK80F *BN / *SN**	**CYQS200DK100F *BN / *SN**	**CYQS250DK140F *BN / *SN**	**CYQM100DK80F *BN / *SN**	**CYQM150DK80F *BN / *SN**	**CYQM200DK100F *BN / *SN**	**CYQM250DK140F *BN / *SN**
Power input	Fan only	Nom.	kW	0.35	0.46	0.58	0.37	0.56	0.75	0.94
	Heating	Nom.	kW	0.35	0.46	0.58	0.37	0.56	0.75	0.94
Delta T	Inlet= room temperature		K	15		16	17	14	13	15
Casing	Colour			BN: RAL9010 / SN: RAL9006			BN: RAL9010 / SN: RAL9006			
Dimensions	Height	Unit F/C/R	mm	270 / 270 / 270			270 / 270 / 270			
	Width	Unit F/C/R	mm	1,500 / 1,500 / 1,548	2,000 / 2,000 / 2,048	2,500 / 2,500 / 2,548	1,000 / 1,000 / 1,048	1,500 / 1,500 / 1,548	2,000 / 2,000 / 2,048	2,500 / 2,500 / 2,548
	Depth	Unit F/C/R	mm	290 / 821 / 561			290 / 821 / 561			
Required ceiling void >			mm	420			420			
Door height	Max.		m	2.3 (1) / 2.15 (2) / 2.0 (3)	2.3 (1) / 2.15 (2) / 2.0 (3)	2.3 (1) / 2.15 (2) / 2.0 (3)	2.5 (1) / 2.4 (2) / 2.3 (3)	2.5 (1) / 2.4 (2) / 2.3 (3)	2.5 (1) / 2.4 (2) / 2.3 (3)	2.5 (1) / 2.4 (2) / 2.3 (3)
Door width	Max.		m	1.5	2.0	2.5	1.0	1.5	2.0	2.5
Weight	Unit		kg	66	83	107	57	73	94	108
Fan-Air flow rate	Heating		m^3/h	1,746	2,328	2,910	1,605	2,408	3,210	4,013
Sound pressure level	Heating		dBA	49	50	51	50	51	53	54
Refrigerant	Type			R-410A			R-410A			
Piping connections	Liquid (OD) / Gas			9.52 / 16.0		9.52 / 19.0	9.52 / 16.0			9.52 / 19.0
Required accessories (should be ordered separately)				Daikin wired remote control (BRC1E52A/B or BRC1D52)			Daikin wired remote control (BRC1E52A/B or BRC1D52)			
Power supply	Voltage		V	230			230			

				Large			
BIDDLE STANDARD AIR CURTAIN FOR CONNECTION TO ERQ				**CYQL100DK125F*BN / *SN**	**CYQL150DK200F*BN / *SN**	**CYQL200DK250F*BN / *SN**	**CYQL250DK250F*BN / *SN**
Power input	Fan only	Nom.	kW	0.75	1.13	1.50	1.88
	Heating	Nom.	kW	0.75	1.13	1.50	1.88
Delta T	Inlet= room temperature		K	15		14	12
Casing	Colour			BN: RAL9010 / SN: RAL9006			
Dimensions	Height	Unit F/C/R	mm	370 / 370 / 370			
	Width	Unit F/C/R	mm	1,000 / 1,000 / 1,048	1,500 / 1,500 / 1,548	2,000 / 2,000 / 2,048	2,500 / 2,500 / 2,548
	Depth	Unit F/C/R	mm	745 / 745 / 745			
Required ceiling void >			mm	520			
Door height	Max.		m	3.0 (1) / 2.75 (2) / 2.5 (3)	3.0 (1) / 2.75 (2) / 2.5 (3)	3.0 (1) / 2.75 (2) / 2.5 (3)	3.0 (1) / 2.75 (2) / 2.5 (3)
Door width	Max.		m	1.0	1.5	2.0	2.5
Weight	Unit		kg	76	100	126	157
Fan-Air flow rate	Heating		m^3/h	3,100	4,650	6,200	7,750
Sound pressure level	Heating		dBA	53	54	56	57
Refrigerant	Type			R-410A			
Piping connections	Liquid (OD) / Gas			9.52 / 16.0	9.52 / 16.0	9.52 / 22.0	
Required accessories (should be ordered separately)				Daikin wired remote control (BRC1E52A/B or BRC1D52)			
Power supply	Voltage		V	230			

F: Freehanging model, C: Cassette model, R: Recessed model
(1) Favourable condition | (2) Normal condition | (3) Unfavourable condition

What's new?

Energy saving functions

A series of energy saving functions that can be individually selected

- Temperature range limit
- Setback function
- Presence & floor sensor connection (available on new round flow cassette)
- kWh indication
- Set temperature auto reset
- Off timer

Temperature range limit avoids excessive heating or cooling

Save energy by constraining the lower temperature limit in cooling and upper temperature limit in heating mode.

note : Also available in auto cooling/heating change over mode.

kWh indication keeps track of your consumption

The kWh indication shows an indicative electricity consumption of the last day/week/month.

Other functions

- Up to 3 independent schedules can be set, so the user can easily change the schedule himself throughout the year (e.g. Summer, winter, mid-season)
- new › Possibility to individually restrict menu functions Easy to use: all main functions directly accessible
- IMPROVED › Easy setup: clear graphical user interface for advanced menu settings
- Real time clock with auto update to daylight saving time
- new › Supports multiple languages (English, German, Dutch, Spanish, Italian, Portuguese, French, Greek, Russian, Turkish, Polish, Albanian, Bulgarian, Croatian, Czech, Hungarian, Romanian, Serbian, Slovak, Slovenian
- Built-in backup power: when a power failure occurs all settings remain stored up to 48 hours

Graphical display of indicative electricity consumption


BRC1D52


ARC466A1


BRC7*

BRC1D52

Wired remote control

- Schedule timer:
  - Five day actions can be set as follows:
    - set point: unit is switched ON and normal operation is maintained
    - OFF: unit is switched OFF[1]
    - limits: unit is switched ON and min./max. control (cf. limit operation for more details)
- Home leave (frost protection): during absence, the indoor temperature can be maintained at a certain level. This function can also switch the unit ON/OFF
- Constantly monitoring of the system for malfunctions in a total of 80 components
- Immediate display of fault location and condition
- Reduction of maintenance time and costs

Display

- Operating mode[1]
- Cool / heat changeover control
- Centralised control indication
- Group control indication
- Set temperature[1]
- Air flow direction[1]
- Programmed time
- Inspection test / operation
- Fan speed[1]
- Clean air filter
- Defrost / hot start
- Malfunction

ARC4*/BRC4*/BRC7*

Infrared remote control

Operation buttons: ON / OFF, timer mode start / stop, timer mode on / off, programme time, temperature setting, air flow direction, operating mode, fan speed control, filter sign reset, inspection / test indication

Display: Operating mode, battery change, set temperature, air flow direction, programmed time, fan speed, inspection / test operation

1. Not applicable for FBQ
2. For all features of the remote control, refer to the operation manual

Monitor and control VRV and Sky Air indoor units via a third party control or BMS system

Energy management gateways

RTD-10

Advanced integration into BMS system of VRV, Sky Air, VAM and VKM through either:

- Modbus
- Voltage (0-10V)
- Resistance

RTD-NET

Modbus interface for monitoring and control of VRV, Sky Air, VAM and VKM

RTD-HO

Intelligent hotel room controller

Overview functions



MAIN FUNCTIONS			RTD-10	RTD-NET	RTD-HO
Dimensions	H x W x D	mm	100 x100 x 22		
Key card + window contact					✓
Set back function					✓
Prohibit or restrict remote control functions (setpoint limitation, ...)			✓	✓	✓
Modbus (RS485)			✓	✓	✓
0 - 10 V control			✓		
Resistance control			✓		
IT application			✓		
Heating interlock			✓		
Output signal (on/defrost, error)			✓		✓

CONTROL FUNCTIONS	RTD-10	RTD-NET	RTD-HO
On/Off	M,V,R	M	M*
Set point	M,V,R	M	M*
Mode	M,V,R	M	M*
fan	M,V,R	M	M*
Louver	M,V,R	M	M*
HRV Damper control	M,V,R	M	
Prohibit/Restrict functions	M,V,R	M	M*

MONITORING FUNCTIONS	RTD-10	RTD-NET	RTD-HO
On/Off	M	M	M
Set point	M	M	M
Mode	M	M	M
fan	M	M	M
Louver	M	M	M
RC temperature	M	M	M
RC mode	M	M	M
nbr units	M	M	M
Fault	M	M	M
Fault code	M	M	M
Return air temperature (Average /Min/Max)	M	M	M
Filter alarm	M	M	M
Termo on	M	M	M
Defrost	M	M	M
Coil In/Out temperature	M	M	M

M: Modbus, V: Voltage, R: Resistance, *: only when the room is occupied

Centralised control systems

DCS302C51

DCS301B51

DST301B51

Centralised control of the Sky Air system can be achieved via 3 user friendly compact controls: centralised remote control, unified on/off control and schedule timer. These controls may be used independently or in combination where 1 group = several (up to 16) indoor units in combination and 1 zone = several groups in combination.
A centralised remote control is ideal for use in tenanted commercial buildings subject to random occupation, enabling indoor units to be classified in groups per tenant (zoning).
The schedule timer programmes the schedule and operation conditions for each tenant and the control can easily be reset according to varying requirements.

DCS302C51
Centralised remote control

Providing individual control of 64 groups (zones) of indoor units.

- a maximum of 64 groups (128 indoor units, max. 10 outdoor units) can be controlled
- a maximum of 128 groups (128 indoor units, max. 10 outdoor units) can be controlled via 2 centralised remote controls in separate locations
- zone control
- group control
- malfunction code display
- maximum wiring length of 1,000m (total: 2,000m)
- expanded timer function

DCS301B51
Unified ON/OFF control

Providing simultaneous and individual control of 16 groups of indoor units.

- a maximum of 16 groups (128 indoor units) can be controlled
- 2 remote controls in separate locations can be used
- operating status indication (normal operation, alarm)
- centralised control indication
- maximum wiring length of 1,000m (total: 2,000m)

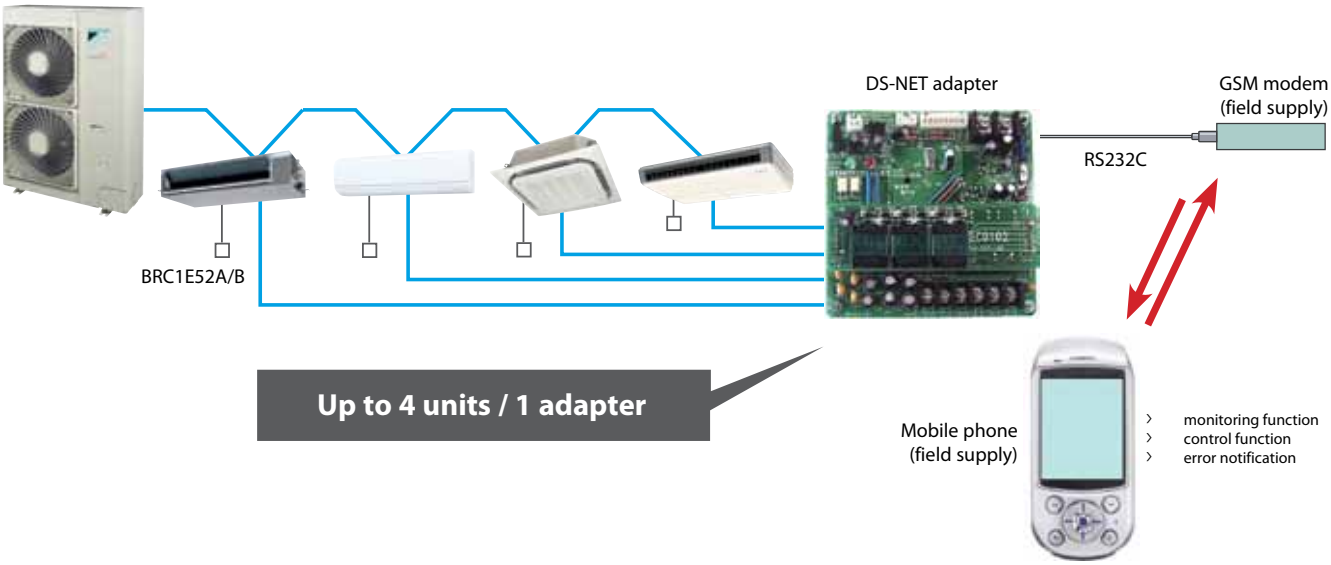
DST301B51
Schedule timer

Enabling 64 groups to be programmed.

- a maximum of 128 indoor units can be controlled
- 8 types of weekly schedule
- a maximum of 48 hours back up power supply
- a maximum wiring length of 1,000m (total: 2,000m)

DS-net

Basic solution for control of Sky Air and VRV



FUNCTIONS

1. Monitoring Functions

2. Control Functions
   You can control your air conditioning units by simply sending a text message via your mobile phone:
   - › Start/stop
   - › Operation mode (fan/cool/heat)
   - › Temperature setting

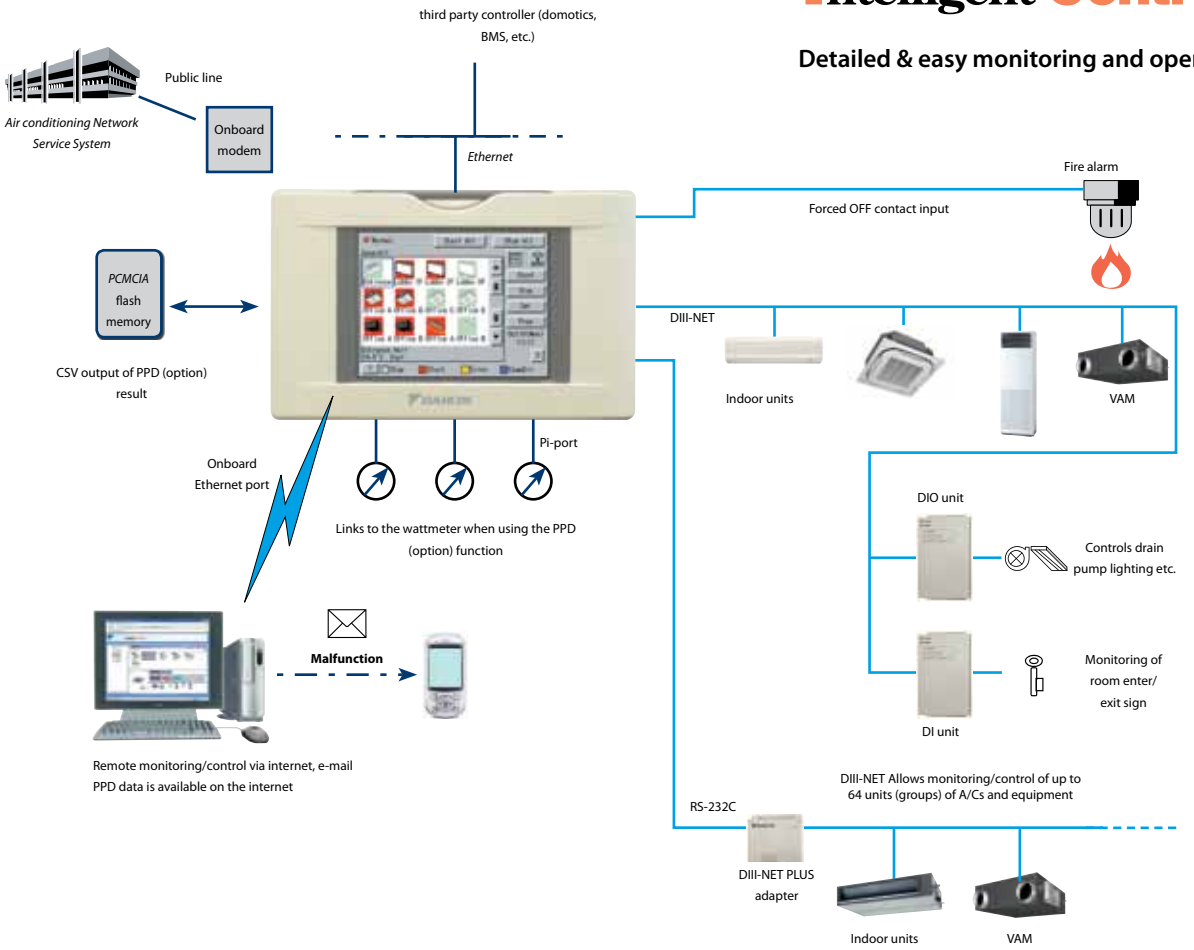
3. Error Notification
   When an error occurs, a text message will be sent automatically to your mobile phone (error notification).

4. Stand alone operation
   - › Rotation function
   - › Backup operation function.

Daikin recommends the use of a Wavecom Fastrack modem

intelligent touch Controller

Detailed & easy monitoring and operation



LANGUAGES

- English
- French
- German
- Italian
- Spanish
- Dutch
- Portuguese

SYSTEM LAYOUT

- Up to 2 x 64 indoor units can be controlled
- Onboard Ethernet port (web browser + e-mail)
- Digital i/o contacts (option)
- Touch panel (full colour LCD via icon display)

MANAGEMENT

- Web application & internet compatibility
  - Monitoring & control according to user
  - Remote monitoring & control of more than one building
  - Remote monitoring & control of more than one building via internet
- Power Proportional Distribution: PPD (option)
- PPD data is available on the internet
- Easy management of electricity consumption
- Enhanced history function

CONTROL

- Individual control (set point, start/stop, fan speed) (max. 2 x 64 groups/indoor units)
- Set back shedule
- Enhanced scheduling function (8 schedules, 17 patterns)
- Flexible grouping in zones
- Yearly schedule
- Fire emergency stop control
- Interlocking control
- Increased HRV monitoring and control function
- Automatic cooling / heating change-over
- Heating optimization
- Temperature limit
- Password security: 3 levels (general, administration & service)
- Quick selection and full control
- Simple navigation

MONITORING

- Visualisation via Graphical User Interface (GUI)
- Icon colour display change function
- Indoor units operation mode
- Error messages via e-mail & mobile phone (option)
- Indication filter replacement
- Multi PC

COST PERFORMANCE

- Free cooling function
- Labour saving
- Easy installation
- Compact design: limited installation space
- Overall energy saving

OPEN INTERFACE

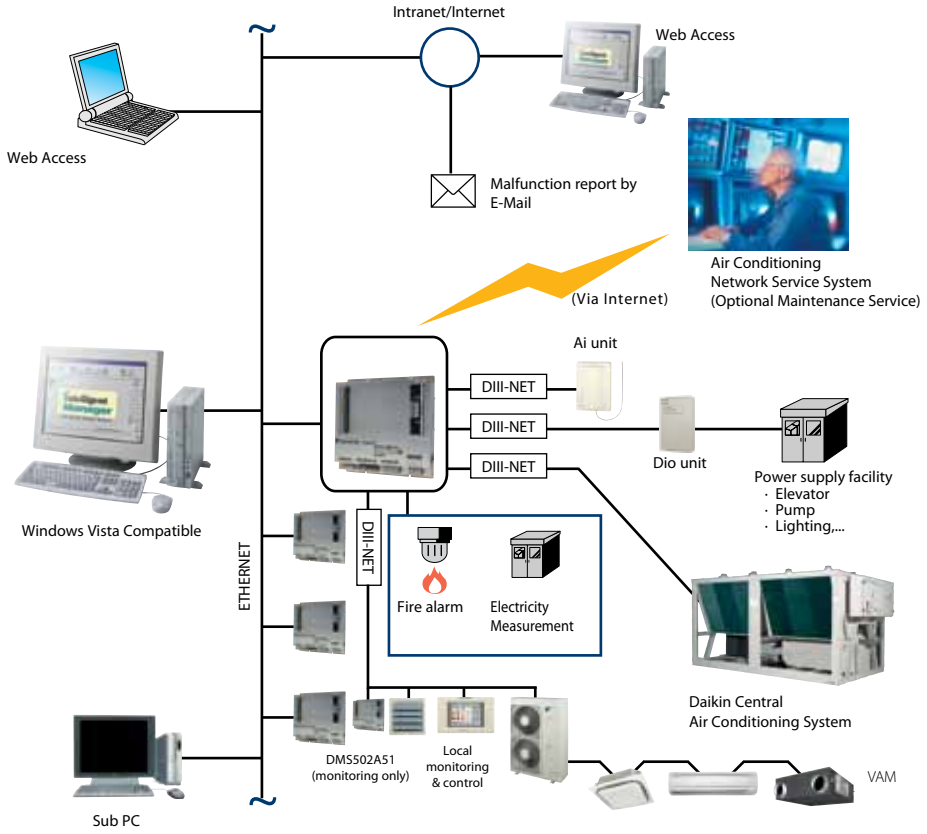
- Communication to any third party controller (domotics, BMS, etc.) is possible via open interface
- Http option

CONNECTABLE TO

- VRV
- HRV
- Sky Air (please check which models need an optional interfaced adapter)
- Split (via interface adapter)

intelligent Manager

Full control and management (Maximum 200 groups)



LANGUAGES

- English
- French
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- Portuguese

SYSTEM LAYOUT

- Up to 1,024 indoor units can be controlled (by 4 iPUs)
- Ethernet TCPIP / 10 base / T communication
- Integrated digital contacts on the Intelligent Processing Unit (iPU)
  - 20 general input ports
  - 2 digital outputs
- Stand alone operation of the iPU for minimum 48 hours
- Compatible with UPS shutdown software

MANAGEMENT

- Web access (option)
- Power Proportional Distribution (option)
- Operational history management (start/stop, malfunction, operation hours)
- Generation of reports (graphics & tables) (daily, weekly, monthly)
- Peak load shedding
- Advanced tenant management
- Sliding temperature
- Eco mode (option)
- Pre-cooling and -heating function

CONTROL

- Individual control (setpoint, start/stop, fan speed) (max. 1,024 indoor units)
- Group control (100 groups)
- Schedule control (128 programs)
- Fire emergency stop control (32 programs)
- Interlocking control
- Setpoint limitation
- Automatic cooling/heating change-over
- Power failure/release control
- Temperature limit (automatic start)
- Timer extension

MONITORING

- Visualisation via a Graphical User Interface (GUI) featuring free layout
- Operation mode of indoor units
- Fault indication
- Indication filter replacement
- Setpoint indication
- Operation time monitoring
- Multi PC
- On-line help

COST PERFORMANCE

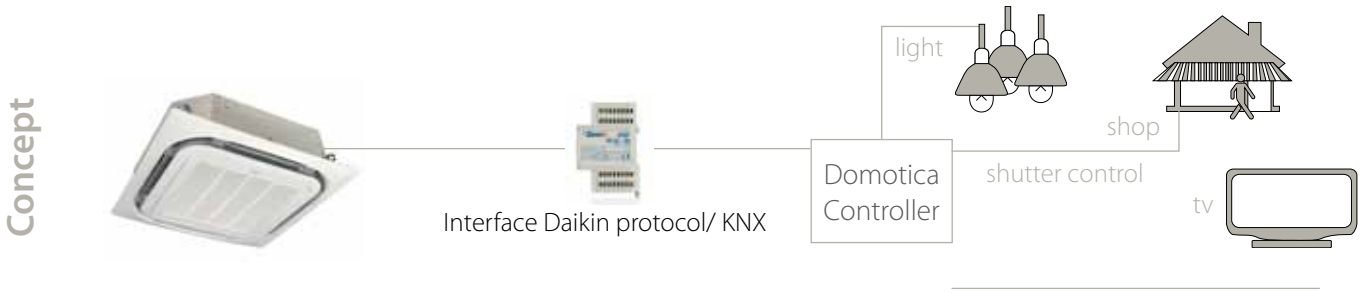
- Labour saving
- Easy installation
- Compact design: limited installation space
- Overall energy saving

CONNECTABLE TO

- VRV
- HRV
- Sky Air (please check which models need an optional interfaced adapter)
- Split (via interface adapter)

Integration of Sky Air and VRV in HA/BMS systems

Connect Sky Air / VRV indoor units to KNX interface for BMS integration



KNX interface line-up

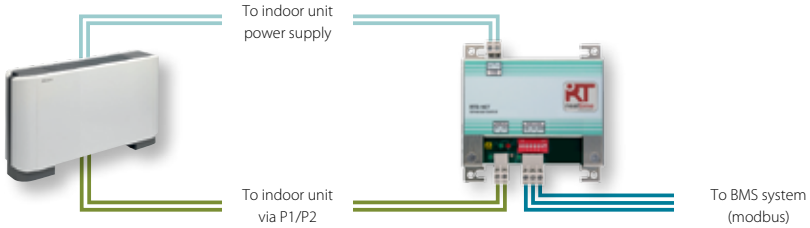
The integration of Daikin indoor units through the KNX interface allows monitoring and control of several devices, such as lights and shutters, from one central controller. One particularly important feature is the ability to programme a 'scenario' - such as "Home leave" - in which the end-user selects a range of commands to be executed simultaneously once the scenario is selected. For instance in "Home leave", the air conditioner is off, the lights are turned off, the shutters are closed and the alarm is on.

KNX interface for

KLIC-DI Size 45x45x15mm

	Sky Air	VRV
BASIC CONTROL		
ON/OFF	✓	✓
Mode	Auto, heat, dry, fan, cool	Auto, heat, dry, fan, cool
Temperature	✓	✓
Fan speed levels	2 or 3	2 or 3
Swing	Stop or movement	Swing or fixed positions (5)
ADVANCED FUNCTIONALITIES		
Error management	Communication errors,	
Scenes	✓	✓
Auto switch off	✓	✓
Temperature limitation	✓	✓
Initial configuration	✓	✓
Master and slave configuration	✓	✓

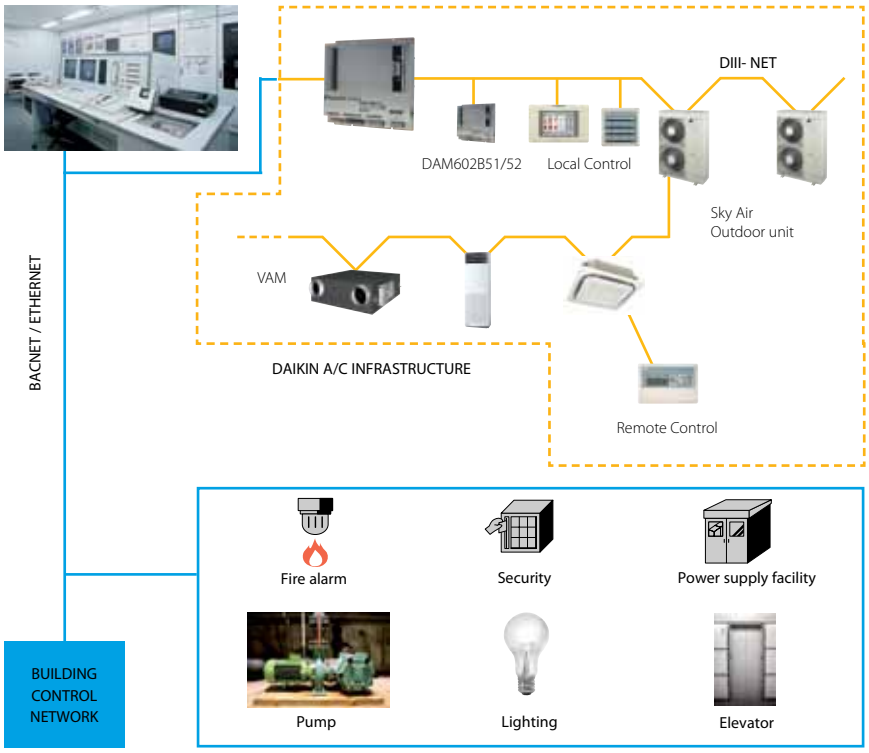
Modbus interface for monitoring and control of up to 16 VRV, Sky Air, VAM or VKM indoor units



BACnet Interface

Integrated control system for seamless connection between VRV and BMS systems

- PPDdata is available on BMS system
- Interface for BMS system
- Communication via BACnet protocol (connection via Ethernet)
- 256 units connectable per BACnet gateway
- Unlimited sitesize
- Easy and fast installation

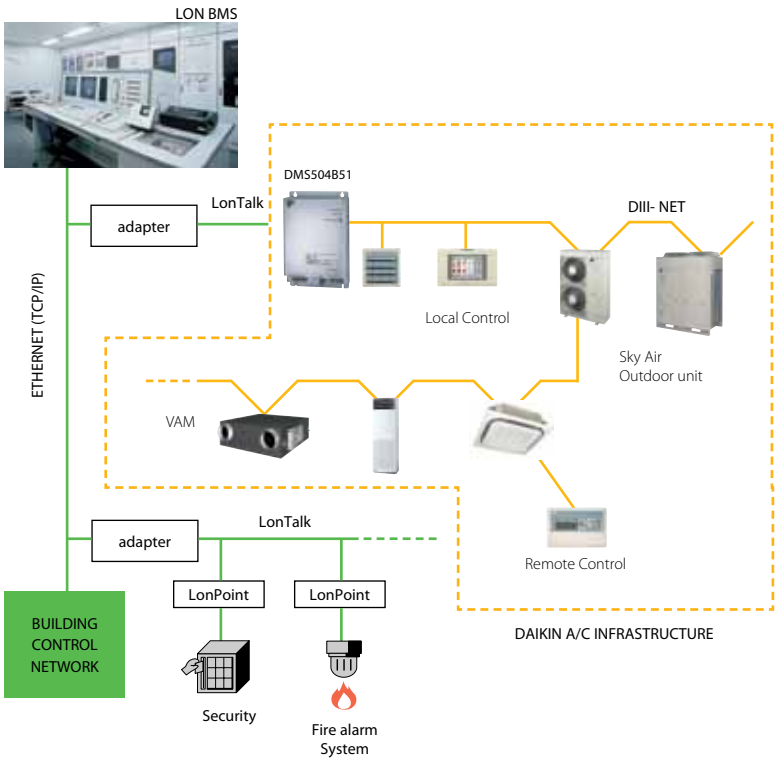


Standard protocol interfaces

LonWorks Interface

Open network integration of VRV monitoring and control functions into LonWorks networks

- Interface for Lon connection to LonWorks networks
- Communication via Lon protocol (twisted pair wire)
- 64 units connectable per DMS-IF
- Unlimited sitesize
- Quick and easy installation



K.RSS

Wireless room temperature sensor

Flexible and easy installation

- Accurate temperature measurement thanks to flexible placement of the sensor
- No need for wiring
- No need to drill holes
- Ideal for refurbishment

Connection diagram Daikin indoor unit PCB **(FBQ-C8 example)**

Specifications

			WIRELESS ROOM TEMPERATURE SENSOR KIT (K.RSS)	
			WIRELESS ROOM TEMPERATURE RECEIVER	WIRELESS ROOM TEMPERATURE SENSOR
Dimensions		mm	50 x 50	ø 75
Weight		g	40	60
Power supply			16VDC, max. 20 mA	N/A
Battery life			N/A	+/- 3 years
Battery type			N/A	3 Volt Lithium battery
Maximum range		m	10	
Operation range		°C	0~50	
Communication	Type		RF	
	Frequency	MHz	868.3	

- Room temperature is sent to the indoor unit every 90 seconds or if the temperature difference is 0.2°C or larger.

KRCS01-1B
KRCS01-4B

Wired room temperature sensor

- Accurate temperature measurement, thanks to flexible placement of the sensor

Specifications

Dimensions (HxW)	mm	60 x 50
Weight	g	300
Length of branch wiring	m	12

Other integration devices

Adapter PCB's – Simple solutions for unique requirements

Daikin's adapter PCB's provide simple solutions for unique requirements. They are a low cost option to satisfy simple control requirements and can be used on single or multiple units.

	(E)KRP1B* adapter for wiring	› Facilitates integration of auxiliary heating apparatus, humidifiers, fans, damper › Powered by and installed at the indoor unit
	KRP2A*/ KRP4A* Wiring adapter for electrical appendices	› Remotely start and stop up to 16 indoor units (1 group) (KRP2A* via P1 P2) › Remotely start and stop up to 128 indoor units (64 groups) (KRP4A* via F1 F2) › Alarm indication/ fire shut down › Remote temperature setpoint adjustment

Concept and benefits

› Low cost option to satisfy simple control requirements
› Deployed on single or multiple units

Options & accessories

		INVERTER HEAT PUMP CONDENSING UNITS		
		ERQ 100~140 AV1	ERQ 125 AW1	ERQ 200~250 AW1
Adapters and control	**KRC19-26** Mechanical cool/heat selector – allows to switch an entire Heat Pump system, or one BS-box of a Heat Recovery system between cooling, heating and fan only. Connects to the A-B-C terminals of the outdoor unit / BS-box.	✓	✓	✓
	KJB111A Installation box for remote cool/heat selector KRC19-26	✓	✓	✓
Others	**Central drain pan kit** Installs onto the underside of the outdoor unit and collects drain water from all bottom plate outlets into a single outlet. In cold areas should be heated by a field-supplied heater to prevent drain water from freezing in the drain pan.	-	KWC26B160	KWC26B280

		AHU APPLICATION CONTROL BOXES		HEAT RECLAIM VENTILATION
		FOR ERQ		
		EKEQDCB	EKEQFCB	VAM 150~2000
Adapters and control	**BRC1E51A/B** Premium wired remote controller with full-text interface and back-light	✓	✓	✓
	BRC1D52 Standard wired remote controller with weekly timer	✓	✓	✓
	BRC301B61 Wired remote controller for HRV	-	-	✓
	BRP4A50 Control kit for auxiliary 3rd party heater	-	-	✓
	KRP50-2 Adaptor PCB for 3rd party humidifier control / for operation signal output	-	-	✓
	External wired temperature sensor	KRCS01-1	-	-
	Wiring adaptor for external monitoring/control via dry contacts and setpoint control via 0-140Ω	KRP4A51	-	-
	Wiring adaptor for external central monitoring/control (controls 1 entire system)	-	-	KRP2A61
	External control adaptor for outdoor unit	DTA104A61	Ask your Daikin representative	-
	Installation box / Mounting plate for adaptor PCBs	-	-	KRP1B93
	Connection to centralized control	-	-	Standard

OUTDOOR UNITS	2MXS40H	2MXS50H	3MXS40K	3MXS52E	3MXS68G	4MXS68F	4MXS80E	5MXS90E
Air direction adjustment grille	KPW945A4							

	RXYSQ
External control adaptor for outdoor unit Allows to activate Low Noise Operation and three levels of Demand Limiting via external dry contacts. Connects to the F1/F2 communication line and requires power supply from an indoor unit, BSVQ box, or VRV-WIII outdoor unit.	DTA104A53/61/62
	For installation into an indoor unit: exact adaptor type depends on type of indoor unit
	See options & accessories of indoor units
KRC19-26 Mechanical cool/heat selector – allows to switch an entire Heat Pump system, or one BS-box of a Heat Recovery system between cooling, heating and fan only. Connects to the A-B-C terminals of the outdoor unit / BS-box.	✓
KJB111A Installation box for remote cool/heat selector KRC19-26	✓

Options & accessories - Sky Air

INDOOR UNITS - CONTROL SYSTEMS	FCQHG71F	FCQHG100F	FCQHG125F	FCQHG140F	FCQG35F	FCQG50F	FCQG60F	FCQG71F	FCQG100F	FCQG125F	FCQG140F	ACQ71A
Wired remote control	BRC1E52A/B(3) BRC1E52B (4)				BRC1E52A/B(3) BRC1E52B (4)							
Wireless remote control + Standard panel	-											
I-touch controller	DCS601C51				DCS601C51							
Infrared remote control (heat pump)	BRC7FA532F (5)				BRC7FA532F (5)							
Simplified remote control	BRC2C51				BRC2C51							
Remote control for hotel use	BRC3A61				BRC3A61							
Centralised remote control	DCS302C51				DCS302C51							
Unified ON/OFF control	DCS301B51				DCS301B51							
Schedule timer	DST301B51				DST301B51							
Adapter for wiring (interlock for fresh air intake fan)	-				-							
Adapter for external ON/OFF and monitoring/for electrical appendices	KRP1B57/KRP4A53 (1)(5)				KRP1B57/KRP4A53 (1)(5)							
Interface adapter for Sky Air	-				-							
Installation box for adapter PCB	KRP1H98 (5)				KRP1H98 (5)							
Remote sensor	KRCS01-4				KRCS01-4							
Remote ON/OFF, forced OFF	EKRORO2				EKRORO2							
Electrical box with earth terminal (3 blocks)	KJB311A				KJB311A							
Electrical box with earth terminal (2 blocks)	KJB212A				KJB212A							
Adapter for wiring (hour meter)	EKRP1C11 (1)(5)				EKRP1C11 (1)(5)							
Options PCB for external electrical heater, humidifier and/or hour meter	-				-							
Mounting plate for adapter PCB	-				-							

(1) Installation box for adapter PCB is necessary
(2) Interface adapter for Sky Air series (DTA112B51) is necessary
(3) Including following languages:English, German, French, Italian, Spanish, Dutch, Greek, Russian, Turkish, Purtuguese, Polish
(4) Including following languages: English, German, Czech, Croatian, Hungarian, Romanian, Slovenian, Bulgarian, Slovak, Serbian, Albanian.

INDOOR UNITS	FCQHG71F	FCQHG100F	FCQHG125F	FCQHG140F	FCQG35F	FCQG50F	FCQG60F	FCQG71F	FCQG100F	FCQG125F	FCQG140F	ACQ71A
Replacement long-life filter	KAFP551K160				KAFP551K160							
Sealing member of air discharge outlet	KDBHQ55B140 (4)				KDBHQ55B140 (4)							
Standard panel	BYCQ140D + BYCQ140DW(1) + BYCQ140DG (2)(3)				BYCQ140D + BYCQ140DW(1) + BYCQ140DG (2)(3)							
Standard panel option	-				-							
Standard panel + wireless remote control	-				-							
Air discharge adapter for round duct	-				-							
Fresh air intake kit (direct installation type)	KDDQ55B140-1 + KDDQ55B140-2 (4)(6)				KDDQ55B140-1 + KDDQ55B140-2 (4)(6)							
Panel spacer					-							
Sensor kit	BRYQ140A (5)				BRYQ140A (5)							

(1) The BYCQ140W has white insulations. Be informed that dirt is more visible on white insulation and that it is consequently not advised to install the BYCQ140W Standard panel in environments exposed to concentrations of dirt
(2) To be able to control the BYCQ140G, the controller BRC1E52A/B is needed
(3) The BYCQ140G is only compatible with Sky Air RZQ(G), RZQS(G); All VRV-3 outdoors, except Mini VRV; Split RKS, RXS

INDOOR UNITS - CONTROL SYSTEMS	FDQ125C	FDQ200B	FDQ250B	FAQ71C	FAQ100C	FHQG71C	FHQG100C	FHQG125C
Wired remote control	BRC1D52 / BRC1E52A/B(3) / BRC1E52B (4)			BRC1D52 / BRC1E52A/B(3) / BRC1E52B (4)		BRC1D52 / BRC1E52A/B(3) / BRC1E52B (4)		
I-touch controller	DCS601C51 (2)			DCS601C51		-		
Infrared remote control (heat pump)	-			BRC7EB518		BRC7G63		
Simplified remote control	BRC2C51			BRC2C51		BRC2C51		
Remote control for hotel use	BRC3A61			BRC3A61		BRC3A61		
Centralised remote control	DCS302C51			DCS302C51		DCS302C51		
Unified ON/OFF control	DCS301B51			DCS301B51		DCS301B51		
Schedule timer	DST301B51			DST301B51		DST301B51		
Adapter for wiring (interlock for fresh air intake fan)	KRP1B54			-		-		
Adapter for external ON/OFF and monitoring/for electrical appendices	KRP4A51			KRP4A51		KRP1B54 / KRP4A52(1)		
Interface adapter for Sky Air (2)	DTA112B51			-		-		
Installation box for adapter PCB	-			KRP4A93		KRP1D93A		
Remote sensor	-			KRCS01-1		KRCS01-4		
Remote ON/OFF, forced OFF	EKRORO3			-		EKRORO2		
Electrical box with earth terminal (3 blocks)	-			KJB311A		KJB311A		
Electrical box with earth terminal (2 blocks)	-			KJB212A		KJB212A		
Set back time clock	-			-		-		
Remote control for 2 remote control systems	-			-		-		
Adapter for wiring (hour meter) (3)	-			-		-		
Options PCB for external electrical heater, humidifier and/or hour meter	EKRP1B2			-		-		
External adapter for outdoor unit (installation on indoor unit)	-			-		-		
Mounting plate for adapter PCB	-			-		-		

(1) Installation box for adapter PCB is necessary
(2) Interface adapter for Sky Air series (DTA112B51) is necessary
(3) Including following languages:English, German, French, Italian, Spanish, Dutch, Greek, Russian, Turkish, Purtuguese, Polish
(4) Including following languages: English, German, Czech, Croatian, Hungarian, Romanian, Slovenian, Bulgarian, Slovak, Serbian, Albanian.

INDOOR UNITS	FDQ125C	FDQ200B	FDQ250B	FAQ71C	FAQ100C	FHQG71C	FHQG100C	FHQG125C
Replacement long-life filter	-			-		KAFP501A80	KAFP501A160	KAFP501A160
Drain-up kit	-			K-KDU572EVE		-		
L-type piping kit (upward direction)	-			-		KHFP5N160		
Sealing member of air discharge outlet	-			-		-		
Standard panel for air discharge	-			-		-		
Vertical flap kit	-			-		-		
Standard panel	BYBS125D(5)			-		-		
Standard panel option	EKBYBSD			-		-		
Noise filter	-			KEK26-1A		-		
Air discharge adapter for round duct	KDAJ25K140A			-		-		
Fresh air intake kit (direct installation type)	-			-		KDDQ50A140		
Panel spacer	-			-		-		
Noise filter (for electromagnetic interface only)	-			-		-		

(1) Standard panel option EKBYBSD is required for direct mounting of the Standard panel of the unit.

OUTDOOR UNITS		RZQ(S)G71LV1	RZQ(S)G100LV1/LY1	RZQ(S)G125LV1/LY1	RZQ(S)G140LV1/LY1
Air direction adjustment grille		-			
Central drain plug		-			
Refrigerant branch piping	For twin	KHRQ22M20TA			
	For triple	-	KHRQ127H		
	For double twin	-		KHRQ127H (x3)	
Demand adapter kit		KRP58M51			
Bottom plate heater		EKBPH140L (1) (2)	-		

(1) Bottom plate heater is only available for RZQG models
(2) For 1-phase models: demand adapter kit KRP58M51 required; For 3-phase models: demand adapter kit DRP58M51 (tbc) required

ACQ100A	ACQ125A	FFQ25B9V	FFQ35B9V	FFQ50B9V	FFQ60B9V	FBQ35C8	FBQ50C8	FBQ60C8	FBQ71C8	FBQ100C8	FBQ125C8	FBQ140C8
-		BRC1D52 / BRC1E52A/B(3) BRC1E52B (4)				BRC1D52 / BRC1E52A/B(3) BRC1E52B (4)						
ADP125A		-				-						
-		DCS601C51 (2)				DCS601C51 (2)						
-		BRC7E530				BRC4C65						
-		BRC2C51				BRC2C51						
-		BRC3A61				BRC3A61						
-		DCS302C51				DCS302C51						
-		DCS301B51				DCS301B51						
-		DST301B51				DST301B51						
-		-				KRP1B54						
-		KRP1B57/KRP4A53 (6)				KRP4A51/KRP2A51						
-		DTA112B51				DTA112B51						
-		KRP1BA101				-						
-		KRCS01-1				KRCS01-1						
-		EKRORO3				EKRORO3						
-		-				-						
-		-				-						
-		EKRP1B2				-						
-		-				EKRP1B2A (7)						
-		-				-						

(5) Option not available in combination with BYCQ140G
(6) Installation box for adapter PCB (KRP1BA101) is necessary
(7) Electrical heater, humidifier and hour meter are field supply. These parts should not be installed inside the equipment.

ACQ100A	ACQ125A	FFQ25B9V	FFQ35B9V	FFQ50B9V	FFQ60B9V	FBQ35C8	FBQ50C8	FBQ60C8	FBQ71C8	FBQ100C8	FBQ125C8	FBQ140C8
-		KAFQ441B160				-						
-		KDBHQ44B60				-						
-		BYFQ60D				BYBS32D	BYBS45D	BYBS71D		BYBS125D		
-		-				EKBYBSD						
ADP125A		-				-						
-		-				KDAJ25K36A	KDAJ25K56A	KDAJ25K71A		KDAJ25K140A		
-		KDDQ44X60				-						
-		KDBQ44B60				-						
-		-				-						

(4) Option not available in combination with BYCQ140G
(5) Sensor kit can only be operated with BRC1E52A/B
(6) Both parts of the fresh air kit are needed for each unit.

FHQ35B8	FHQ50B8	FHQ60B8	FUQ71B8	FUQ100B8	FUQ125B8	FVQ71C	FVQ100C	FVQ125C	FVQ140C
BRC1D52 / BRC1E52A/B(3) / BRC1E52B (4)			BRC1D52 / BRC1E52A/B(3) / BRC1E52B (4)			BRC1D52 / BRC1E52A/B(3) / BRC1E52B (4)			
DCS601C51 (2)			DCS601C51 (2)			DCS301C51			
BRC7E63			BRC7C52			-			
BRC2C51			BRC2C51			BRC2C51			
BRC3A61			BRC3A61			BRC3A61			
DCS302C51			DCS302C51			DCS302C51			
DCS301B51			DCS301B51			DCS301B51			
DST301B51			DST301B51			DST301B51			
-			-			-			
KRP1B54 / KRP4A52(			KRP4A53 (1)			KRP1B57 / KRP4A52			
DTA112B51			DTA112B51			-			
KRP1C93			KRP1B97			KRP4AA95			
-			KRCS01-1			-			
EKRORO2			EKRORO2			-			
-			KJB311A			-			
-			KJB212A			-			
-			-			-			
EKRP1B2			-			-			
-			-			-			
-			-			-			
-			-			-			
-			-			-			

(5) Electrical heater, humidifier and hour meter are field supply. These parts should not be installed inside the equipment.
(6) Mounting plate KRP4A96 is required fpr these options. Maximum 2 options PCBs can be mounted.
(7) If installing an electrical heater, an option PCB for external electrical heater (EKRP1B2) for each indoor unit is required

FHQ35B8	FHQ50B8	FHQ60B8	FUQ71B8	FUQ100B8	FUQ125B8	FVQ71C	FVQ100C	FVQ125C	FVQ140C
KAFJ501D56		KAFJ501D80	KAF495FA140			KAFJ95L160			
KDU50M60			-			-			
KHFP5M35	KHFP5M63		KHFP49M140			-			
-			KDBH49FA80	KDBH49FA140		-			
-			KDBT49FA80	KDBT49FA140		-			
-			KDGJ49FA80	KDGJ49FA140		-			
-			-			-			
-			-			-			
-			-			-			
-			-			-			
-			-			-			
-			-			-			
-			-			-			

AZQS71AV1/AW1	AZQS100AV1/AW1	AZQS125AV1/AW1	AZQS140AV1/AW1	RZQ200C	RZQ250C
-				-	
EKDK04				KWC26B280	
-				KHRQ22M20TA	
-				KHRQ250H7	
-				KHRQ22M20TA (x3)	
KRP58M51				KRP58M51	
-				-	

Power supply

V1 = 1~, 220-240V, 50Hz
VE = 1~, 220-240V/220V, 50Hz/60Hz*
W1 = 3N~, 400V, 50Hz

* For VE power supply only 1~, 220-240V, 50Hz data is displayed in this catalogue.

Measuring conditions

Air conditioning

1) nominal cooling capacities are based on:	
Indoor temperature	27°CDB/19°CWB
Outdoor temperature	35°CDB
Refrigerant piping length	7.5m
Level difference	0m
2) nominal heating capacities are based on:	
Indoor temperature	20°CDB
Outdoor temperature	7°CDB/6°CWB
Refrigerant piping length	7.5m
Level difference	0m

The sound pressure level is measured via a microphone at a certain distance from the unit. It is a relative value, depending on the distance and acoustic environment (for measuring conditions: please refer to the technical databooks).
The sound power level is an absolute value indicating the "power" which a sound source generates.
For more detailed information please consult our technical databooks.

Benefits

We care icons

Seasonal efficiency
Seasonal efficiency gives a more realistic indication on how efficient air conditioners operate over an entire heating or cooling season.

Energy efficiency
Daikin air conditioners are energy efficient and economical (full range A class energy label).

Inverter technology
In combination with inverter controlled outdoor units

Home leave operation
During absence, the indoor temperature can be maintained at a certain level.

Auto-cleaning panel
The filter in the auto-cleaning decoration panel automatically cleans itself once per day. Simplicity of upkeep means optimum energy efficiency and maximum comfort without the need for expensive or time-consuming maintenance.

Fan only
The air conditioner can be used as fan, blowing air without cooling or heating.

Humidity control

Dry programme
Allows humidity levels to be reduced without variations in room temperature.

Remote control & timer

Weekly timer
Timer can be set to start heating or cooling anytime on a daily or weekly basis

Infrared remote control
Infrared remote control with LCD to start, stop and regulate the air conditioner from a distance.

Wired remote control
Wired remote control to start, stop and regulate the air conditioner from a distance.

Centralised control
Centralised control to start, stop and regulate several air conditioners from one central point.

Air treatment

Air filter
Removes airborne dust particles to ensure a steady supply of clean air.

Comfort

Draught prevention
When starting to warm up or when the thermostat is off, the air discharge direction is set horizontally and the fan to low speed, to prevent draught. After warming up, air discharge and fan speed are set as desired.

Auto cooling-heating changeover
Automatically selects cooling or heating mode to achieve the set temperature (heat pump types only).

Whisper quiet
Daikin indoor units are whisper quiet. Also the outdoor units are guaranteed not to disturb the quiet of the neightbourhood.

Air flow

Ceiling soiling prevention
A special function prevents air blowing out too long in horizontal position, to prevent ceiling stains.

Vertical auto swing
Possibility to select automatic vertical moving of the air discharge louvre, for uniform air flow and temperature distribution.

Fan speed steps
Allows to select up to the given number of fan speed.

Other functions

Auto-restart
The unit restarts automatically at the original settings after power failure.

Twin/triple/double twin application
2, 3 or 4 indoor units can be connected to only 1 outdoor unit even if they have different capacities. All indoor units operate within the same mode (cooling or heating) from one remote control.

VRV for residential application
Up to 9 indoor units (even different capacities and up to 71 class) can be connected to a single outdoor unit. All indoor units can individually be operated within the same mode.

Self-diagnosis
Simplifies maintenance by indicating system faults or operating anomalies.

Multi model application
Up to 5 indoor units (even different capacities) can be connected to a single outdoor unit. All indoor units can individually be operated within the same mode.

Drain pump kit
Facilitates condensation draining from the indoor unit.

In all of us, a green heart

Daikin's unique position as a manufacturer of air conditioning equipment, compressors and refrigerants has led to it s close involvement in environmental issues. For several years Daikin has had the intention to become a leader in the provision of products that have limited impact on the environment. This challenge demands the eco design and development of a wide range of products and an energy management system, resulting in energy conservation and a reduction of waste.

Daikin Europe N.V. participates in the Eurovent Certification programme for Air conditioners (AC), Liquid Chilling Packages (LCP), Air handling units (AHU) and Fan coil units (FCU), Check ongoing validity of certificate online: www.eurovent-certification.com or using: www.certiflash.com*

FSC

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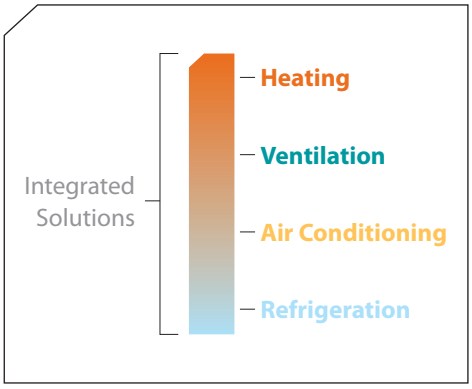
DAIKIN

your comfort. **our world.**

VRV Catalogue

Setting new standards in comfort and efficiency



Setting new standards in comfort and efficiency

Contents

Understanding today's requirements

Heating and climate control solutions can account for up to 50% of a building's CO_2 emissions. So energy efficient solutions have never been so important in helping to meet all the latest planning guidelines and carbon targets.

Building Regulations Part L

Part L of the Building Regulations is one of the Government's key methods of reducing CO_2 emissions in new and refurbished buildings.

The first step for designers improving energy efficiency is to reduce actual energy demand by improving the thermal efficiency of the building fabric. Highly insulated buildings are also increasingly suited to energy efficient solutions such as air source heat pumps.

Designing for BREEAM

BREEAM is the world's leading design and assessment method for sustainable buildings.

Many organisations and local governments use BREEAM as mandatory design standards to ensure that both new build and existing premises meet the exacting requirements for CO_2 emission reductions. For example, the healthcare sector has designated that all new buildings must meet a BREEAM Excellent rating and existing building stock must achieve a Very Good rating.

Heat pump technology can assist building designers in meeting the requirements of BREEAM by delivering heat into a building in an energy efficient, controlled way. According to the criteria specified within BREEAM documentation, specific credits can be given for integrated services and building management systems. Further awards for innovation are also possible, depending on the system design.

Zero carbon targets

Today's buildings must achieve a 25% reduction in carbon emissions compared with 2006. But this isn't the end of the story as the UK strives to achieve its tough targets for further reductions in CO_2 emissions. A framework of continuous improvements has been set in 2013 (October), with a new version of the Building Regulations, an expected change in 2016 and a final revision in 2019.

This means that by 2019, all new buildings must deliver zero carbon emissions from the energy required for heating, cooling, hot water and lighting. These challenging targets will require considerable innovations to improve on current practices, and the continued use of renewable technologies such as heat pumps and PV panels.

Daikin is leading the way in seasonal efficiency

SEASONAL EFFICIENCY
Smart use of energy

Daikin is again at the forefront of innovation, with the new VRV IV range, which is fully in line with the EU's 20/20/20 policy. VRV IV Heat Pump is up to 28% more efficient over an entire year, while enhancing the standards of comfort and flexibility for which Daikin is renowned.

European action plan 20/20/20

-20%
CO_2 EMISSIONS
vs. 1990

20%
Share of
RENEWABLE ENERGY

-20%
PRIMARY ENERGY USE
vs. Business as usual

By the year
2020

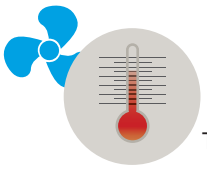
To help achieve the above targets, the Energy Related Products (ERP) Directive specifies minimum ecodesign requirements, such as higher energy efficiency ratings, which must be integrated into air conditioning products with a capacity of less than 12kW from 2013. The directive affecting VRV systems is currently scheduled to start in 2015, however Daikin has already incorporated many of the seasonal efficiency design requirements into its new VRV systems.

Measuring real-life performance

Nominal energy efficiency ratings (EER) were previously used to measure energy efficiency. However, this method resulted in a significant gap between design and actual performance. To solve this anomaly, a more accurate rating method - seasonal efficiency (ESEER) - has been developed.

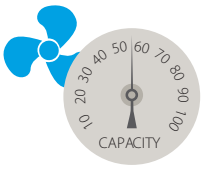
Because it measures energy efficiency across the whole operating spectrum, seasonal efficiency is a more accurate measurement of the real-life energy efficiency of systems and gives an indication of how efficient an air conditioning system is when operating over an entire cooling or heating season.

Nominal versus seasonal efficiency



Temperature

NOMINAL	SEASONAL
1 Temperature condition: 35°C for cooling 7°C for heating	**Several rating temperatures** for cooling and heating, reflecting actual performance over an entire season
Does not often occur in reality	



Capacity

NOMINAL	SEASONAL
Does not reflect partial capacity	Integrates operation at **partial instead of full capacity**
Benefits of inverter technology not visible	**Benefits of inverter technology** are shown

Auxiliary modes

NOMINAL	SEASONAL
Does not take auxiliary power modes into account	Includes consumption auxiliary modes: • Thermostat off • Standby mode • OFF mode • Crankcase heater

Using its revolutionary Variable Refrigerant Temperature technology, the new VRV IV Heat Pump continuously adjusts the refrigerant temperature to the actual temperature and capacity needed, thus providing optimal seasonal efficiency at all times.

New VRV IV Heat Pump = VRV + 3 revolutionary features

VRV has always set the standard: in the past, in the present and will continue to do so in the future. Today, VRV IV Heat Pump is setting new standards in seasonal efficiency for building owners, indoor comfort for users and ease of commissioning for installers.

Variable Refrigerant Temperature

Variable refrigerant temperature

Customise your VRV for best seasonal efficiency and comfort:

- Revolutionary Variable Refrigerant Temperature control automatically adapts the system to individual building and climate requirements for greater efficiency and comfort
- Continuously adjusts refrigerant temperature to the actual temperature and capacity required
- Default mode optimised by Daikin for UK conditions with maximum efficiency and comfort
- Delivers annual cost savings of up to 25%

Continuous heating during defrost

The new standard in heating comfort:

- Unique continuous heating technology makes VRV IV Heat Pump the best alternative to traditional heating systems
- Delivers uninterrupted heat, even during the defrost cycle
- Maintains comfortable indoor climate at all times

VRV configurator

Advanced Software for simplified commissioning, servicing, configuration and customisation:

- Simplified commissioning: graphical interface to configure, commission and upload system settings
- Simplified servicing: additional 7-segment indicator for easy and quick access to basic functions and error read out
- Manage systems over multiple sites

Variable refrigerant temperature

Thanks to its revolutionary variable refrigerant temperature technology, VRV IV Heat Pump continuously adjusts the refrigerant temperature to the actual temperature and capacity needed, thus providing optimal seasonal efficiency at all times.

VRV IV Heat Pump's new **variable refrigerant temperature** control automatically adapts the VRV system to an individual building's comfort and efficiency requirements, thus drastically reducing operational running costs. The default mode is optimised by Daikin for UK conditions for maximum efficiency and comfort.

The **variable refrigerant temperature** preset modes mean that the balance between comfort and efficiency can be customised in order to optimise the system, delivering annual cost savings of up to 25% and increasing seasonal efficiency by up to 28%.

With this new technology Daikin is once again leading the way in VRV innovation:

- Comfort and efficiency is optimised to suit the building requirements
- Customer comfort is assured with automatic adjustment of refrigerant temperature
- VRV IV Heat Pump preset modes can be customised for optimal seasonal efficiency to suit particular applications

One of the possible modes:

Automatic mode (Default setting on VRV IV)
Optimised by Daikin for UK conditions

The perfect balance :
Top efficiency throughout most of the year. Quick reaction speed on the hottest days

High sensible mode

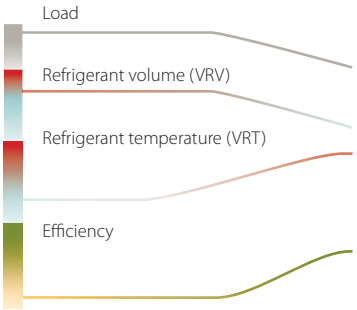
Year round top efficiency

Basic mode (current VRF standard)

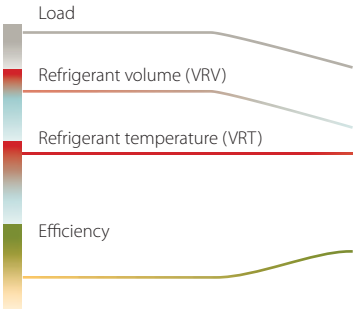
Quick reaction to peak load, to maintain set point

Effect of preset modes on efficiency and reaction speed:

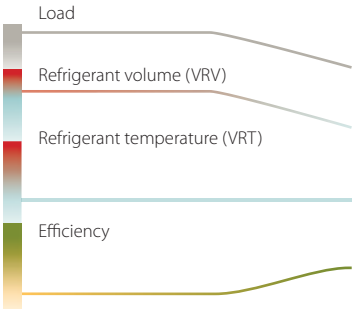
Default mode (optimised by Daikin for UK conditions for maximum efficiency and comfort)



High sensible mode



Basic mode (current VRF standard)



Continuous heating

VRV IV Heat Pump features continuous heating during defrost, an innovation that finally overcomes any perceived disadvantages of specifying a heat pump, because the heat pump continues to provide heating even when it is in defrost mode.

Why is this important?

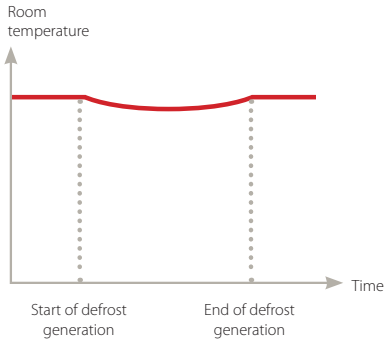
All heat pumps accumulate ice during heating operation, which must be melted periodically, using a defrost operation that reverses the refrigeration cycle.

This process can take more than 10 minutes (depending on the size of the system) and occurs mainly between -7 and +7°C when there is most humidity in the air. However, an unwelcome side effect is that this causes a temporary temperature drop within the room, which can compromise comfort levels.

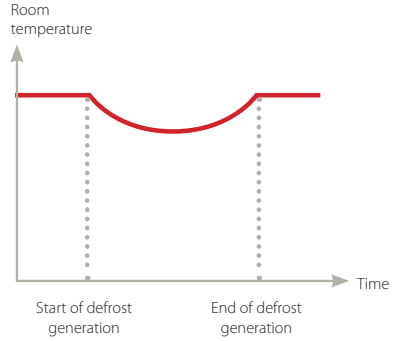
To overcome this issue, VRV IV Heat Pump features a unique heat accumulating element, which provides dedicated energy for the defrost function, so that indoor units continue to provide consistent heating and a comfortable indoor climate is maintained at all times, while energy efficiency is optimised.

new

VRV IV Heat Pump with continuous heating



VRF heat pump benchmark



VRV configurator

The new VRV configurator offers an advanced software solution that simplifies commissioning and servicing. This means less time is required on the roof configuring the outdoor unit.

Ongoing maintenance is easier too, thanks to a graphical interface that allows engineers to evaluate operational data and errors. The VRV configurator also allows systems within multiple sites to be managed all in exactly the same way, thus offering simplified commissioning for key accounts.

- **Simpler commissioning:** graphical interface offers a faster way to configure, commission and upload system settings.
- **Simpler servicing:** additional 7-segment indicator for easy-to-read error reports, quick check of basic functions and clear menu for easy setting on-site.

What else is new...?

VRV IV Heat Pump

VRV IV Heat Pump

The VRV IV Heat Pump inherits all the renowned technological features of VRV III and adds a number of revolutionary technologies setting the new standard in the market once again.

Variable refrigerant temperature

- Default mode optimised by Daikin for UK conditions for maximum efficiency and comfort
- Customise your VRV for the optimum seasonal efficiency and comfort for particular applications
- Revolutionary variable refrigerant temperature control automatically adapts the system to the individual building and climate requirements

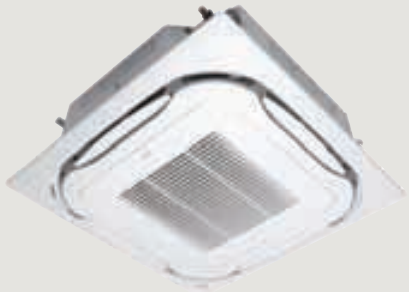
Continuous heating during defrost via heat pump

- The new standard in heating comfort: unique continuous heating technology makes VRV IV Heat Pump the best alternative to traditional heating systems

VRV configurator

- Advanced software for simplified commissioning, configuration and servicing

Next generation round flow cassette FXFQ-A p 66



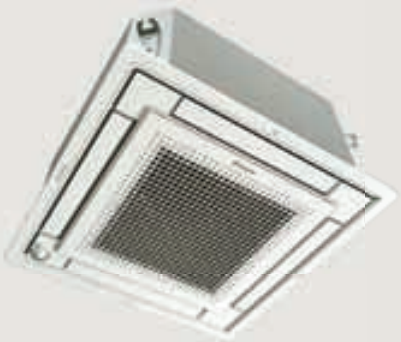
Improved comfort

- Presence sensor automatically directs air flow away from any person to avoid draught
- Floor sensor ensures even temperature distribution between ceiling and floor

Even more energy efficient

- Auto cleaning panel saves up to 50% thanks to daily filter cleaning
- Presence sensor saves up to 27% by adjusting setpoint or switching off the unit when nobody is in the room over a 3 hour period
- Individual flap control: one or more flaps can be easily closed when refurbishing or rearranging your interior

Fully flat cassette - FXZQ-A p 68



- Unique design in the market: integrates fully flat into the ceiling and fits flush into architectural ceiling modules
- Remarkable blend of iconic design and engineering excellence with an elegant finish in matt crystal white or a combination of silver and matt crystal white
- Even more energy efficient with the presence sensor
- Offering improved comfort with the floor sensor
- Individual flap control: one or more flaps can be easily closed via the wired remote controller (BRC1E52A) when refurbishing or rearranging your interior
- No optional adapter needed for DIII-connection of Sky Air model

2-way blow ceiling mounted cassette – FXCQ-A p 69

Better efficiency with newly developed heat exchanger, DC fan and drain pump

- Modern style decoration panel in RAL9010
- Improved comfort with automatic air flow control

Ceiling suspended cassette – FXHQ-A p 77

- Better efficiency with DC fan and drain pump
- Modern style decoration panel in RAL9010

4-way blow ceiling suspended unit – FXUQ-A p 78

- Better efficiency with newly developed heat exchanger, DC fan and drain pump
- Modern style decoration panel in RAL9010
- Improved comfort with automatic air flow control
- Integration of expansion valve for faster installation

Low temperature hydrobox for VRV-HXY-A p 81

- Highly efficient space heating/cooling
- Ideal with underfloor heating, air handling units or low temperature radiators
- Leaving water temperature range: 5-45°C

Intelligent Touch Manager p 62

- Intuitive user interface
- Smart energy management
- Flexible in size (from 64 up to 2,560 groups)
- Flexible in integration (from simple A/C control to small BMS)
- Easy servicing and commissioning with remote refrigerant containment check

Biddle air curtain for VRV p 83

- Connectable to VRV heat recovery and heat pump
- Provides virtually free heating via recovered heat
- Payback period of less than 1.5 years compared with an electric air curtain

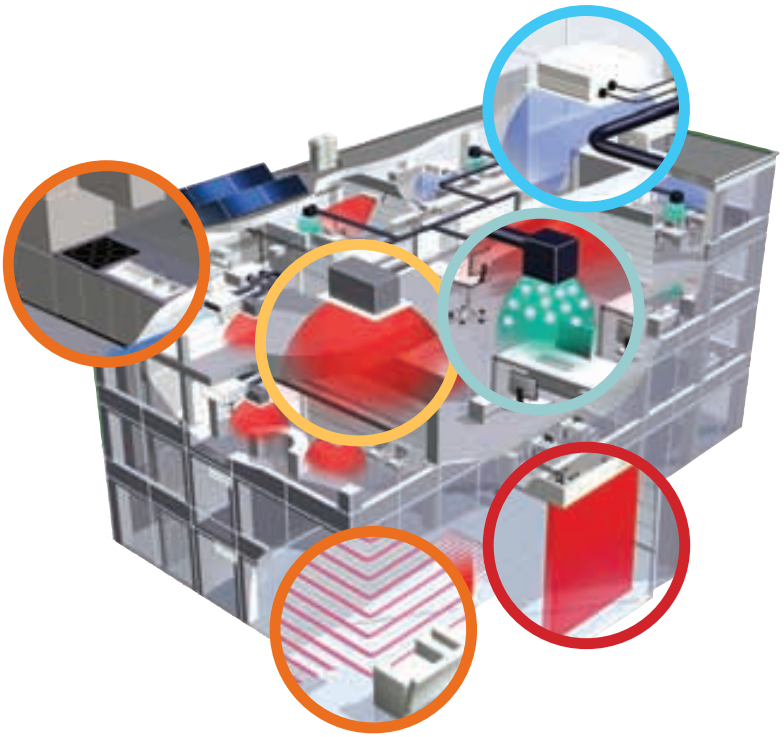
The VRV total solution

Many buildings today typically operate quite separate systems for heating, cooling, refrigeration and hot water. As a result, a huge amount of energy is wasted. To provide a much more efficient alternative, VRV technology has been developed into a total solution for heating, cooling, refrigeration and ventilation.

The VRV total solution

Air conditioning, refrigeration and cooling IT servers can generate masses of waste heat that can be reused to heat and ventilate other areas of the building or to provide hot water for wash rooms, at a much reduced cost.

By understanding the whole building's heating and cooling needs at the outset, an integrated climate control solution can be delivered that offers much higher energy efficiency levels, thus reducing the carbon impact of a building. This means that all internal and external conditions must be taken into account in the design of the climate control system.



Air curtains
Combine VRV with standard & comfort **Biddle air curtains**

Heating and cooling
Customise your VRV system to optimise energy efficiency

User friendly control systems
Remote leak check, commissioning via PC and new iTouch Manager to **simplify** maintenance and commissioning

Hot water
LT and HT Hydrobox in the standard VRV range

Ventilation
Year-around Comfort
> High quality indoor air with HRV
> No cold draughts

Daikin VRV provides a total solution for integrated climate control. Our modular units enable you to select the right mix of equipment and technology to achieve the optimal balance of temperature, humidity and air freshness for the perfect comfort conditions, while achieving maximum energy efficiency and cost effectiveness.

Which VRV outdoor system offers me the best solution?

Air cooled outdoor systems

VRV HEAT RECOVERY

› For simultaneous heating and cooling from one system
› Heat recovered from indoor units in the cooling cycle is transferred to units in areas requiring heat. This maximises energy efficiency, reducing electricity costs and delivering high part load efficiencies (up to 9.1)
› Operation range in cooling down to -20°C (technical cooling)

Small footprint combination
› Optimised footprint within heat recovery range

High COP combination
› Top energy efficiency in Daikin heat recovery range

VRV heat recovery, with connection to heating only hydrobox
› Fully integrated system
› Free hot water

VRV HEAT PUMP

› For either heating or cooling operation from one system

VRV IV Heat Pump
› Customise your VRV for the greatest seasonal efficiency and comfort, with Variable Refrigerant Temperature control
› Continuous comfort: unique continuous heating technology makes VRV IV Heat Pump the best alternative to traditional heating systems
› VRV configurator software offers faster and more accurate commissioning, configuration and customisation
› Possibility to combine VRV with a wide range of stylish indoor units including Daikin Emura and Nexura

REPLACEMENT VRV

VRV III-S

VRV III-S Heat Pump
› Especially designed for small capacities
› Space saving design
› Connect VRV to stylish indoor units: Daikin Emura and Nexura

VRV Classic

VRV Classic
› For smaller projects with standard cooling & heating requirements
› Connectable to all VRV indoor units, controls and ventilation

Water cooled outdoor systems

› Allows heat recovery within the total building, thanks to the storage of energy in the water circuit
› Compact design and stacked configuration possible
› Suitable for multi-storey and large buildings due to the many possibilities of water piping

VRV-W HEAT RECOVERY

Standard series
› For simultaneous heating and cooling from one refrigerant system

Geothermal series
› No need for an external heating or cooling source
› Heating with ground source water as a renewable energy source
› Extension of the operation range of inlet water temperature down to -10°C in heating mode

It's your creation… so use the best resources

When it comes to designing for today's high energy efficiency requirements, certain assumptions demand to be challenged. Like the long-held view that the only way to cool buildings over a certain size is via a chilled water system. Or that modular systems, like VRV, are only suitable for small to medium sized buildings. Sometimes, real innovation means changing all the old rules…

Perhaps because of VRV's modularity, it is often perceived that VRV is 'one step up' from a split or multi-split system.

As such, it may be assumed that VRV is the most suitable solution for buildings up to 5000sqm, for example. But in reality, Daikin's VRV systems can be applied on a much greater scale, to create fully integrated systems for buildings twice and three times that size.

In fact, it is when VRV systems are designed as a whole building solution that they can offer the very highest energy efficiencies of all.

Delivering market leading COPs

The secret to delivering the highest COPs is to employ heat recovery in balanced mode within a VRV system: an innovation that can help to maximise BREEAM points at design stage.

This may mean specifying the system so that it is capable of cooling one area of the building experiencing the highest heat gains and transferring that reclaimed heat to other areas of the building that require heating or hot water. By doing so, recovered heat can be diverted to heat hot water and to over-door air curtains, thus saving up to 67% in running costs compared with electrically heated models.

While many VRF systems really just offer simultaneous heating and cooling, a genuinely versatile VRV heat recovery system operating in a balanced mode can increase energy efficiency levels massively and is actually capable of delivering COPs of more than 10. Offering a significant step towards the goal of zero heat rejection, these systems are the true champions of energy efficiency.

However, to achieve these market leading COPs, it's vital to analyse right from the start a building's multiple requirements, usage patterns and varying occupancy levels, in order to design a fully integrated system that optimises energy efficiency and heat recovery.

Saving energy by design

Here's an example of the energy savings a VRV solution can deliver. If an office building is occupied between 08:00 and 19:00 (assuming an external temperature range of -2ºC in winter and up to 29ºC in summer), typical requirements may be:

- Cooling down to 16ºC
- Heating up to 21ºC
- 200 litres of water storage for washrooms
- 150 litres of water storage for kitchens
- IT/communications running 24/365

Given these conditions, typical heat loss from a ground floor lobby could be 5985(kWh) and from large open plan areas could be as high as 11,028(kWh).

By taking into account the cost of operating electrically heated air curtains and hot water supplies, the energy consumption of the entire building really stacks up. In contrast, heat recovery offers dramatically higher energy efficiencies.

For example, by recovering the heat from indoor units in cooling mode, for example when it's 30ºC outside, a Co-efficient of Performance (COP) of 3.97 can be achieved.

In milder conditions, for example when it's 15ºC outside and 75% of the indoor units are in cooling mode with 25% in heating mode, the efficiencies rise to COPs of 5.57. But when the system is fully balanced between heating and cooling, efficiencies can increase to as much as 10.07.

Even when all the indoor units are in heating modes when it is -5ºC outside, the system is still capable of delivering COPs of 3.03: more than three times the efficiency of a gas boiler.

Why choose applied VRV solutions?

Low operating costs

According to the Franklin + Andrews, one of the world's leading construction economists, running costs for VRV heat recovery systems are up to £6.25/m^2 of gross floor area. This compares highly favourably with a 2 or 4 pipe fan coil system, which can cost as much as £8.75/m^2 and £10.75/m^2 of Gross Floor Area respectively – a 40 to 72% increase on running costs compared with a VRV heat recovery system.

Greater space efficiency

A VRV system is more space efficient than a chiller too, because it requires much less plant space. For example, Franklin + Andrews estimates that a 2 or 4 pipe fan coil system could take up around 7% of the overall lettable floor area of the building, while a comparable VRV building would take up between 3-5% . This means that Daikin VRV allows developers to maximise the rental space, by requiring 29% less plant space than a chiller system. And in a highly competitive market place, offering the most flexible and efficient use of office space could be a real deal breaker.

Meeting tomorrow's legislation today

Some designers may also be concerned about utilising a high volume of refrigerant in a building, instead of a chilled water system. However, Daikin VRV systems are designed and installed in accordance with all the latest F-gas regulations to minimise any risk of leaks. VRV also meets the requirements of the Energy-related Performance Directive and has been designed for seasonal efficiency with future legislative requirements in mind.

Designed to meet current and future requirements

VRV also provides greater flexibility to meet current and future client requirements, because the system can be designed, built and commissioned floor by floor. With 20 different indoor units and a range of 14 different capacities available, VRV can be introduced zone by zone and tailored to the needs of each building tenant throughout a phased refurbishment programme.

Versatile system to suit building occupancy

Each floor – even each room – can be individually controlled to maximise energy efficiency and prevent energy waste. This versatility makes VRV ideal for buildings with multiple tenants, which may have vacant areas and variable periods of high and low usage.

Modular approach gives greater flexibility

VRV's modular approach provides greater flexibility to balance heat loads in different parts of the building. In contrast, a chiller runs an entire system, which requires an expensive backup unit. So if it fails, the total system fails. VRV also offers extended piping lengths so the system can be designed flexibly to suit buildings of many different sizes and shapes.

Innovative and integrated control system

A heat pump system will only work as intelligently as its control system allows. Therefore Daikin offers iTouch Manager, an easy-to-use, intelligent control system with smart energy management tools to detect areas of energy wastage and reduce running costs, so that the system performance can be maintained as per the original design conditions.

Reliability you can depend on

Of course, ensuring lower running costs depends on system reliability and efficiency over its entire lifetime. So it's reassuring to know that Daikin has an unparalleled reputation for quality and reliability. You'll also benefit from a five year warranty on all VRV systems plus an annual health check and F-gas containment check as part of our dedicated after care service.

Advanced IES modelling capabilities

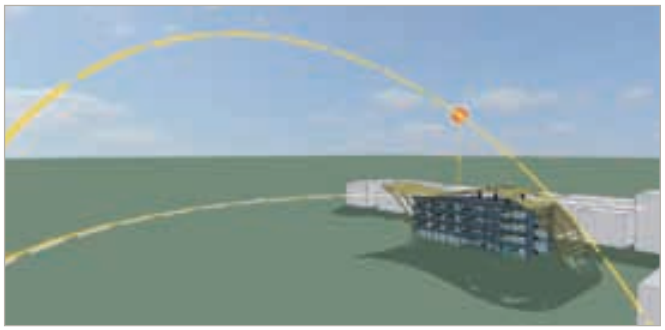
To bring advanced VRV Heat Recovery modelling capabilities to the market, Integrated Environmental Solutions (IES) has partnered with Daikin UK to integrate the new Daikin Dynamic VRV Systems Sizing Tool within the IES Virtual Environment (IESVE).

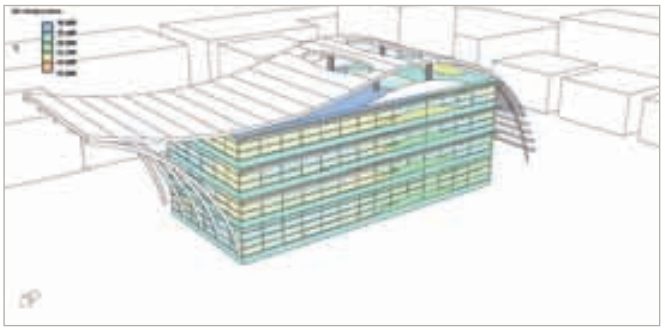
This new software tool enables architects and engineers to accurately establish the performance of these state of the art systems within their building project.

Users can automatically size the system and select the correct VRV indoor and outdoor unit model-number based on the buildings heating and cooling loads. Full thermal simulations then reveal annual loads, power input and efficiencies.

The tool allows users to compare alternative configurations so that they can easily evaluate the best option to maximise energy efficiency and lower building energy use.

The software can be used with version VE6.5 onwards and covers the whole Daikin VRV range.





Reducing retail costs

In the current commercial environment, retailers are under pressure to reduce both store development and running costs. Legislation adds further financial pressure, with initiatives such as the Carbon Reduction Commitment Energy Efficiency Scheme meaning that larger retailers need to improve energy efficiency dramatically, or face stringent penalties.

Affordable, energy efficient solutions are vital to minimise lifetime costs, while ensuring compliance with the latest regulations. According to the Carbon Trust, the retail sector is responsible for around 21 million tonnes of CO_2 emissions per year. The retail sector could cut its total spend on heating and cooling by a massive £560 million annually by making energy savings of 20%.

The Carbon Trust also estimates that heating and hot water account for 60% of a retailer's energy bills. Typically, retailers with air conditioning systems have double the energy consumption and association carbon emissions compared with those that don't. This need not be the case if an energy efficient solution is implemented.

VRV solutions offer:

- Energy saving inverter heat pump technology, delivering COP's of up to 8 in mixed mode operation
- Individual control of each indoor unit
- A customisable solution using 'variable refrigerant temperature' to achieve the highest seasonal efficiency
- The highest standards of heating comfort, thanks to continuous heating during defrost
- Flexible installation: the heat pump can be installed outdoors to maximise commercial space internally or can be installed indoors so there is no visual impact and low noise

Versatile climate control

Climate control is key to creating a comfortable browsing environment in store. However a uniform temperature across the store is often not the best solution. Retailers need the flexibility to control multiple indoor units individually, so that the different areas of a shop - such as the shop floor, storage and staff areas - can be set at different temperatures in order to provide the highest levels of comfort for staff and customers.

Energy efficient VRV systems help to improve comfort levels, while allowing each area to maintain its set temperature. Micro processors balance the system's performance with the building's requirements to enable its compressors to operate down to power levels 40 to 45% lower than more conventional systems, thus reducing running costs and carbon emissions.

Tesco Homeplus cuts energy costs

At the Tesco Homeplus store in Preston, an integrated climate control solution was required for 35,000 sq ft of retail floor space plus office space, which was capable of maintaining an even temperature throughout. However, the solution also needed to be highly energy efficient to meet Tesco's stringent environmental policy.

Daikin UK provided a tailor-made VRV solution to deliver a fully integrated system for heating, cooling and hot water, offering the flexibility to control internal climates, zone by zone, with maximum energy efficiency.

To manage heat loss from the building, the Daikin system connected to a Biddle air curtain, which provides an efficient heated air barrier between the internal and external temperatures.

Offering savings of up to 67% compared with electrically heated air curtains, it is estimated that it will save the store around £1,500 per year on energy bills.

Did you know?

If your system has just 10% less refrigerant than the optimal amount, the power consumption to maintain capacity can rise by 40%. That's why Daikin has developed an automatic refrigerant charging function and automatic refrigerant containment check to ensure the optimal capacity and efficiency through the life time of the system, while complying with F-gas regulations.

Efficiency in the workplace

Efficient building and facilities management are key to minimising operational costs within medium-sized offices and large office complexes.

Heating, air conditioning, hot water and ventilation are all significant areas of energy consumption. But neither the commercial climate, nor the current legislative framework, will tolerate wasted resources. Responsible businesses are seeking new and innovative ways to rein in their running costs and carbon emissions.

Daikin provides total climate management solutions that put building managers in complete control of the indoor climate. VRV solutions are ideal for medium to large buildings, helping installers, specifiers and building managers to:

- Dramatically reduce the cost of hot water and heating by re-using heat recovered from areas requiring cooling
- Ensure controllable comfort, by simultaneously heating spaces while cooling others
- Choose outdoor heat pump installation to maximise commercial space internally or indoor installation to minimise the visual impact and noise externally

A healthier office atmosphere

VRV's integrated capabilities mean that ventilation and air conditioning can be combined in one system, with air filtration ensuring a steady supply of clean air. Energy waste is minimised by recovering heat from the stale air expelled from buildings and using it to heat incoming air virtually for free.

Cutting the cost of hot water

By using VRV's heat pump technology to recover heat from areas requiring cooling, reclaimed heat can be used to produce hot water for sinks, under floor heating, showers and radiators. The entire system can be connected to solar panels to provide additional solar thermal energy for hot water production.

Centralised controls for offices

Managing comfort settings and energy consumption is easy with VRV systems, which offer user-friendly controls that can be integrated with other building services such as lighting and blinds.

- Easy to use touch screen
- Many energy saving functions available including movement sensors, controllers with evening and holiday schedules
- Energy consumption can be set per indoor unit
- Monitoring and control available for up to 128 indoor units
- Online monitoring and control available for multiple buildings
- Controls can be integrated with other systems e.g. blinds, lights etc.
- Energy costs can be managed and divided among multiple tenants

VRV Heat Recovery at 210 Pentonville

At the landmark 210 Pentonville scheme in central London, a Daikin VRV Heat Recovery system was installed to deliver energy efficient heating and cooling.

Offering over 80,000 sq ft of office space spread across 10 floors, 210 Pentonville emphasises the best in modern design and progressive architecture.

In line with this, architects Darling Associates specified a Daikin VRV system to deliver a cutting edge climate control solution. Daikin UK provided a complete VRV Heat Recovery solution connecting Daikin fan coil units and controlled by a Daikin Intelligent Manager.

Meeting the high environmental standards set by the client, the system offers the very best in control and performance, while being both acoustically and aesthetically discrete.

By re-using waste energy generated by the building's cooling processes, the VRV system helped contribute towards the sustainable specification of the scheme, which was awarded a BREEAM Excellent rating on completion.

Hospitality with economy

A hotel's reputation depends on how welcome and comfortable guests feel during their stay - and Daikin UK has a complete solution for hotels to help create the perfect ambience. Yet at the same time, hotel operators must maintain complete control of their operating costs and energy consumption.

Daikin's cost-effective solutions can offer total control of hotel air conditioning, ventilation, heating and hot water, with stylish yet silent, draft-free indoor units that promise a good night's sleep. And because VRV is a modular solution, upgrade and renovation projects can be phased to minimise interruption.

Integrated heat recovery

Integrated solutions offer zone by zone control of hospitality areas and guest bedrooms:

- Recovering heat from areas requiring cooling and re-using for low cost heating and hot water
- Creating the perfect environment for guests by simultaneously heating spaces while cooling others
- Maximising hospitality space with outdoor heat pump installation, or opting for indoor installation in city centres, to minimise external space and noise

Heating water with renewable energy

Renewable energy can be used to produce low-cost hot water for bathrooms, under floor heating and radiators, thanks to VRV heat recovery solutions, which reclaim waste heat from areas requiring cooling to heat hot water up to 80°C.

Smart energy management

Daikin VRV systems can be controlled centrally, in tandem with other building services such as lighting and fire alarm systems, for optimum comfort, efficiency and safety:

- Centralised management available for VRV systems with up to 2,560 indoor units
- Controls offer intuitive navigation, graphical interface and extensive reporting
- Energy consumption can be set per indoor unit
- Controls can be integrated with other systems e.g. lighting, fire alarms etc.
- Online monitoring and control is available for multiple buildings

Intelligent hotel room controller

Hotel owners need full control of energy use. A Daikin intelligent controller can adjust the system setpoint when bedrooms are vacant or windows are opened, thus preventing unnecessary energy consumption to maintain absolute control over the hotel's running costs and environmental impact. Daikin's intelligent room controller:

- Connects to all types of controllers, including easy to use touch screens
- Integrates easily with hotel management software

"In the case of the Bloomsbury Thistle, it was the flexibility of the products that allowed us to install new air conditioning floor by floor with the minimum of disruption to the hotel, which continued to remain open during the refurbishment."

Mr. John Reilly, RHB Partnership.

Thistle Hotel, Bloomsbury

Situated in the heart of London, the Edwardian style Thistle Hotel in Bloomsbury recently underwent extensive renovation, during which the latest in climate control technology from Daikin UK was installed.

The hotel has a selection of 95 bedrooms, including family and interconnecting rooms, as well as meeting suites and a popular cellar bar. It was essential that the temperature control system of the building could manage the varying needs of these areas whilst ensuring energy efficiency.

As the hotel was to remain operational throughout the installation, the system had to be fitted floor by floor with the least possible disruption to guests. Not all rooms were large enough for ceiling concealed fittings, so the system had to be versatile enough to work in conjunction with wall and ducted units. The system also had to provide centrally managed controls whilst allowing guests to control the temperature of their own rooms.

The VRV Heat Recovery solution

A bespoke VRV III Heat Recovery System solution was provided by Daikin UK, featuring external units that delivered up to 54hp. The heat recovery solution was selected for its supremely low energy consumption and ability to offer massive savings in comparison with similar systems. The system is also low maintenance as it runs diagnostic checks, such as monitoring refrigerant levels, at the click of a button, thus saving time and servicing costs.

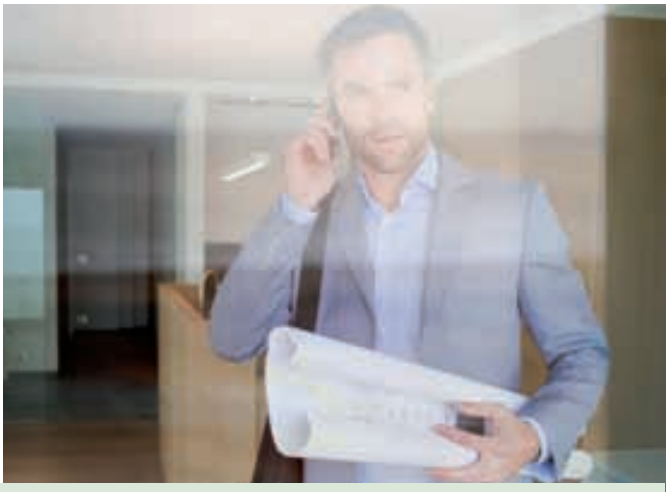
Daikin's Intelligent Touch Controller was also integrated into the building management system, allowing the building temperature to be carefully controlled either at the unit or remotely via the internet, to monitor energy use. The controller can automatically switch heating on or off when guests check in or out of their rooms, further aiding efficiency as energy is not wasted heating or cooling vacant rooms.

Public buildings lead the way

For public and leisure buildings, there is even greater pressure to lead the way in sustainability, in order to save public money and deliver carbon emission reductions and energy improvements.

From 2010 to 2011, government reduced carbon emissions from its office estate by 13.8%, saving a total of 104,532 tonnes on the previous year. Now the quest continues to maintain this energy saving trajectory, despite public spending cuts.

Other public and council run facilities have similarly stringent targets to drive down carbon emissions and improve energy performance. VRV solutions can help to deliver increased efficiencies. It is anticipated that the new R22 solution will provide in excess of 35% energy savings when compared with the old system, as well as an annual carbon reduction of six tonnes of CO_2.



Palace of Westminster replaces R22 systems

Daikin's innovative VRV®III-Q 'plug in' upgrade for R22 systems was selected to replace out-dated equipment during a refurbishment project at the Palace of Westminster – one of the country's most iconic listed buildings.

New sources of R22 gas have been banned since the beginning of 2010 and recycled R22 will also be banned from January 2015. But with 45 - 60% of existing air conditioning systems estimated to still run using R22, the need to replace such systems is becoming increasingly urgent.

VRV®III-Q uses zero ozone depleting R410A, which not only reduces associated CO_2 emissions but also improves energy efficiency, as well as offering users a technically secure and cost effective option to a full system upgrade.

Up to 50% savings on R22 system replacement

The VRV®III-Q system was chosen as the perfect solution to the prestigious project as it can reduce the cost of upgrading R22 equipment by up to 50% when compared with total system replacement. The system is also able to reduce energy consumption by up to 40%.

This innovative solution allows all existing VRV R22 piping - and potentially also controllers and indoor units installed since 1996 - to be retained, so only the outdoor units and heat recovery BS branch selector boxes need to be replaced.

It is therefore viable to plan a phased replacement programme with costs spread over a period of time and minimal business disruption, while generating much less waste than if the entire system was replaced.

This fast and effective upgrade is achievable because VRV®III-Q is designed to operate at the lower pressures required by existing R22 piping, without compromising efficiency levels. For example, an R410A 10HP system has a COP of 3.98 and an EER of 4.00: around 50% more efficient than its R22 equivalent.

It is anticipated that the new R22 solution will provide in excess of 35% energy savings when compared with the old system, as well as an annual carbon reduction of six tonnes of CO_2.

Benefits for end users

Smart controls for enhanced comfort

VRV systems maintain comfortable room temperatures at a virtually constant level, avoiding the temperature fluctuations typical of conventional on/off control systems. Smart inverter controls continuously adjust the refrigerant volume in response to load variations of the indoor units to maintain a consistently comfortable room temperature.

Low sound levels in operation

Daikin indoor units operate at extremely low sound levels down to 19 dB(A), so they offer greater comfort in terms of audability as well as in temperature and humidity levels.

System optimised for the European climate

VRV offers a 'high sensible' mode which optimises the units for performance within European climate conditions. In cooling mode, the system delivers increased heat transfer capability, resulting in improved comfort and greater efficiency:

- Prevents cold drafts for end users
- Avoids wasting energy on unnecessary dehumidification
- Works more efficiently in cooling mode

Benefits for building owners

Smart energy management

From individual systems to the management of multiple buildings, Daikin has a control solution for every application. User-friendly touch screen controls give you access to all AC functions, making management of the system extremely easy.

These smart energy management tools maximise efficiency by reducing running costs and preventing energy waste. Using the schedule function and monitoring tools, you can detect sources of energy waste and track consumption, to ensure that the system performs as originally planned.

Precise zone control

The VRV system provides precise control of both small and large areas, offering individual control of up to 64 indoor units, of varying types and capacities. Zone by zone control offers lower running costs, because the system will only be activated in rooms that require heating or cooling, while the system can be shut down entirely in rooms where no air conditioning is required.

Intelligent indoor units

Intelligent indoor units deliver greater savings in terms of running costs, offering a swift payback for building owners.

Daikin's renowned 'round flow' cassette offers an auto cleaning filter, which automatically cleans the cassette once a day, delivering annual energy savings of up to 50%. Dust from the filter is simply collected in the unit for removal via a vacuum cleaner nozzle.

An additional presence sensor can save up to 27% on energy consumption over a 3 hour period by adjusting the set point, or switching off the unit when no one is in the room. The sensor also detects where people are within a room and directs the air flow away from them, to avoid any cold drafts. So you don't have to choose between efficiency and comfort. Daikin offers both in one cost-effective package.

Benefits for specifiers

A solution for every climate

A VRV system can be installed almost anywhere operating in cooling mode at outdoor ambient temperatures between -20°C and +46°C and in heating mode at ambient temperatures between -25°C and +15.5°C.

Flexible piping design

A standard VRV system offers an extended piping length of 165m, (190m equivalent piping length) with a total system piping length of 1,000m. The height difference between the indoor and outdoor units can be up to 90m without the use of additional kits. What's more, the small refrigerant piping takes up less space in shafts and ceiling voids, maximising the available commercial lettable space.

Multi-tenant function

The multi-tenant function ensures that the entire VRV system doesn't shut down when the main power supply of an indoor unit is switched off. This means that the indoor unit's main fuse can be switched off when one part of the building is closed or being serviced.

Indoor installation possibilities

The VRV outdoor unit can also be used for indoor installation with ducting. Indoor installation means less piping lengths are required, leading to lower installation costs, as well as offering increased efficiency and better aesthetics in certain circumstances.

Benefits for installers

Rapid installation timeframe

Thanks to small refrigerant pipes and REFNET piping options, the VRV piping system can be installed very easily and quickly. Installation can also be carried out floor by floor, so that sections of the building can be completed very quickly and the system commissioned in stages, rather than on final completion of the entire project.

Daikin Unified REFNET piping

VRV offers 4-way piping connection, meaning the piping can be run from the front, left, right or bottom of the unit, to suit the installation layout. The unified REFNET piping system offers simple installation, reducing the imbalance in refrigerant flowing between the indoor units. REFNET joints and headers have been specifically designed to optimise refrigerant flow and can reduce installation work, while increasing system reliability.

Simplified wiring

A 'Super Wiring' system is used to enable the shared use of wiring between the indoor units, outdoor units and centralised remote control. This makes it easier for installers to retrofit a centralised remote control, simply by connecting it to the outdoor units. Thanks to a non-polarity wiring system, it is not possible to connect the wiring incorrectly, so installation time is reduced. What's more, the oudoor units have power connection outlets on the side and front, for easier installation and maintenance, as well as saving space when rows of units are connected together.

Cross wiring check

The cross wiring check facility on the VRV warns installers of any connection units in inter-unit wiring and piping. This function identifies and alerts the installer of system errors, via on/off LEDs on the outdoor unit's PC boards.

Top quality brazed connections

Daikin no longer uses flange and flare connections inside the VRV unit. Instead, brazing connections ensure improved refrigerant containment. The connection to the outdoor unit in the main pipe is also brazed.

Automatic charge

The VRV unit is charged automatically with the correct amount of refrigerant via a push button on the PCB. Automatic charging ceases once the right amount of refrigerant has been transferred.

Automatic testing

Once the refrigerant is charged, pushing the test operation button on the PCB will initiate a check on the wiring shut off valves, sensors and refrigerant volume, which ceases automatically once complete.

Refrigerant containment checks

The refrigerant containment check can be performed remotely via the Intelligent Touch Manager or on-site via a push button on the PCB. By performing the check remotely, this can be done at a convenient time, avoiding the need for an on-site visit or disrupting the customer's operation during business hours.

Easy replacement of refrigerant

The refrigerant recovery function enables all expansion valves to be opened, so that refrigerant can be drained easily from the piping system.

Powerful selection programmes

VRV Xpress, quick quotation tool

VRV Xpress is a software tool that allows you to create professional quotations on-the-spot for a Daikin VRV System in just six simple steps:

1. Select indoor units
2. Connect outdoor units to indoor units
3. Automatic generation of piping diagram with joints
4. Automatic generation of wiring diagram
5. Selection of possible centralised control systems
6. Visualise result in MS Word, MS Excel and AutoCAD

VRV Xpress offers simple selection of VRV systems, and has been redesigned to allow even more flexibility in design by allowing you to select peak system Heating & Cooling capacities. This means that for the first time systems can be selected with much greater accuracy, preventing over or undersizing of VRV systems which can reduce the size of condensers required for a project, saving installation costs whilst increasing the efficiency of the system.

The latest control systems can now be easily selected by dragging and dropping Daikin's intuitive controls options into your selection, with automatic selection of quantities to ensure that your controls strategy can be implemented effectively.

Whenever a new version of VRV Xpress is available you can automatically upgrade the software without the need to log in and download new versions, which means that you will always have the latest information at your fingertips.

Replacement VRV: VRV III-Q

R22 is a hydrochlorofluorocarbon (HCFC) which was commonly used in air conditioning systems. However, both new and recycled sources of R22 are banned from January 2015. Many systems today are still running on R22. But as supplies of R22 run low, now's the time to replace R22 systems. The good news is that Daikin's VRV-Q solution delivers significantly higher energy efficiencies, with the potential of saving up to 50%, compared with installing a completely new system.

Make the change now

When R22 is released into the air, the ultraviolet rays of the sun cause it to decompose and chlorine is released in the stratosphere.

Chlorine reacts with the ozone, reducing it's quantity and due to the ozone layer depletion, harmful ultraviolet rays reach the surface of the earth giving rise to health and environmental issues.

In response to this, the international community signed the Montreal Protocol to phase out ozone depletion materials by 2030. In Europe, the ban will take place much sooner in 2015.

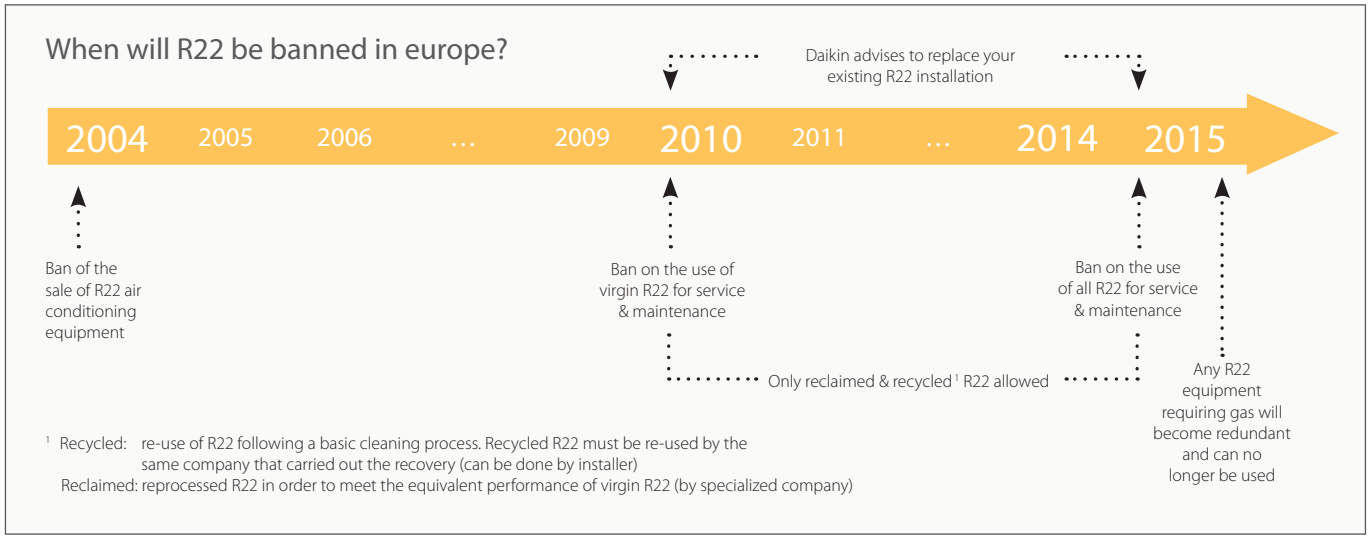
The impact

The R22 phase-out regulation will impact on all R22 systems currently operating. Although maintenance can be carried out with recycled or reclaimed R22 until January 1st 2015, supply shortages and price increases are expected well before then, simply because not enough R22 is reclaimed to cover the current demand.

If not enough reclaimed R22 is available, certain repairs (such as changing a compressor) will no longer be possible and considerable system downtime will occur. It is therefore a wise strategy to replace R22 systems before 2015, especially for air conditioning systems that have a major impact on business operations.

Increasing energy efficiency

Due to significant developments in heat pump technology in recent years, older air conditioning systems run much less efficiently than those available today. For a 10HP system, an almost 50% increase in efficiency can be achieved by replacing R22 systems with VRV III-Q utilising energy efficient R-410A refrigerant.



Replacing an old R22 or R-407C VRV installation can deliver significant energy consumption savings.

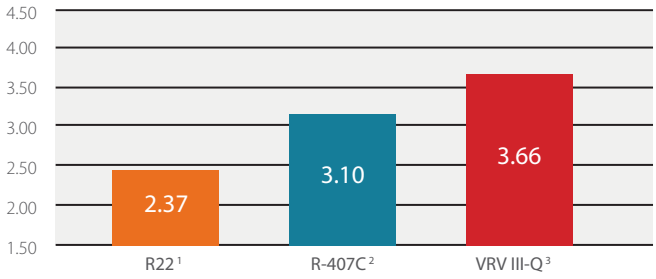
To upgrade R22 systems as cost effectively as possible, Daikin replacement VRV units can be installed using existing pipework. In some cases, even the indoor units and controllers can be retained. So upgrade work only needs to be carried out on the outdoor unit and BS-boxes, not inside the building.

Older R22 VRV systems work on a lower pressure than today's R-410A systems. However thanks to the sub cool circuit, VRV-Q is capable of operating at lower pressures than the standard VRV III series, while still maintaining high efficiency levels.

In order to re-use existing R22 piping with an R-410A system, Daikin has developed a combined refrigerant pipe cleaning and automatic charging function for the VRV-Q, which captures and retains the contamination left in the refrigerant piping.

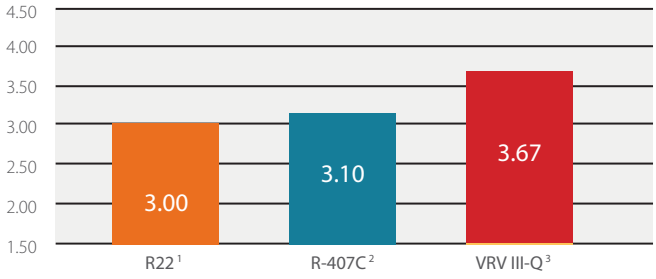
This refrigerant, including the remaining oil from the R22 system, is filtered in the outdoor unit and the contamination is deposited in the outdoor unit.

EER of a 10 HP system



40% MORE EFFICIENT

COP of a 10 HP system



25% MORE EFFICIENT

Replacement VRV®-Q

The benefits

Increasing efficiencies

Upgrading an old R22 system to a VRV®-Q system will increase system efficiency by more than 40%, thanks to recent developments in heat pump technology and the more efficient R-410A refrigerant.

Fast installation

Installation is quicker because the existing piping and indoor units (in some cases) can be retained, while Daikin's unique automatic refrigerant charging and refrigerant pipe cleaning cuts installation time too.

Benefits

- Dramatically reduced installed cost – up to 50% saving compared with a complete new system
- Re-use all existing pipework with the possibility to re-use existing fan coils
- Flexibility to use with existing pipework connected to other non-Daikin systems
- Automatic charging and pipework cleaning function
- Higher energy efficiency of up to 50% and lower CO_2 emissions than retrofitting refrigerant
- Major potential to increase system capacity

System history doesn't restrict future usability

As a result of the combined refrigerant pipe cleaning and automatic charging function, the piping network is completely clean and suitable for reuse.

Limited and planned downtime

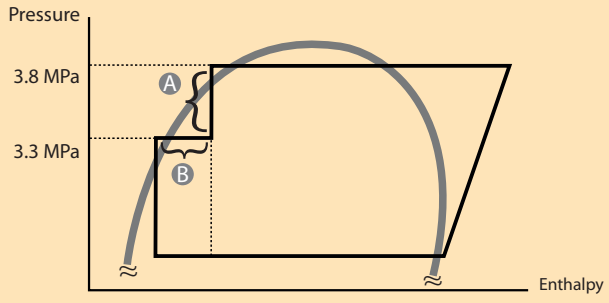
The installation is therefore less intrusive and time consuming than for a completely new system. Moreover, downtime can be carefully planned, whereas if a problem occurs when not enough reclaimed R22 is available, a long and unplanned downtime may occur.

Phased investment cost

Because the entire R22 system does not need to be replaced, it is possible to upgrade the system in phases. The R22 replacement programme can therefore be incorporated in the general refurbishment schedule of the building, thus spreading the investment cost.

Warranty

Unlike using drop-in refrigerants, the VRV®-Q condensing unit is provided with a manufacturer's warranty, providing the existing pipework condition is deemed suitable for re-use (see price list).



A Decompression to 3.3MPa(s) → R22 existing piping can be used

B Extra sub cool circuit → high COP

Specifications

VRV-Q - Replacement VRV - Heat Pump

					RQYQ-P																					
OUTDOOR UNIT					**140**	**8**	**10**	**12**	**14**	**16**	**18**	**20**	**22**	**24**	**26**	**28**	**30**	**32**	**34**	**36**	**38**	**40**	**42**	**44**	**46**	**48**
System	Outdoor unit module 1				**140**	**8**	**10**	**12**	**14**	**16**	**8**		**10**	**12**	**10**	**12**	**14**	**16**	**10**			**12**	**10**	**12**	**14**	**16**
	Outdoor unit module 2				-						**10**		**12**		**16**				**10**		**12**		**16**			
Capacity range				HP	5	8	10	12	14	16	18	20	22	24	26	28	30	32	34	36	38	40	42	44	46	48
Cooling capacity	Nom.			kW	14.0 [1]	22.4 [1]	28.0 [1]	33.5 [1]	40.0 [1]	45.0 [1]	50.4 [1]	55.9 [1]	61.5 [1]	67.0 [1]	73.0 [1]	78.5 [1]	85.0 [1]	90.0 [1]	96.0 [1]	101 [1]	107 [1]	112 [1]	118 [1]	124 [1]	130 [1]	135 [1]
Heating capacity	Nom.			kW	16.0 [2]	25.0 [2]	31.5 [2]	37.5 [2]	45.0 [2]	50.0 [2]	56.5 [2]	62.5 [2]	69.0 [2]	75.0 [2]	81.5 [2]	87.5 [2]	95.0 [2]	100 [2]	108 [2]	113 [2]	119 [2]	125 [2]	132 [2]	138 [2]	145 [2]	150 [2]
Power input - 50Hz	Cooling	Nom.		kW	3.36	5.24	7.64	10.10	11.6	13.6	12.9	15.4	17.8	20.2	21.3	23.7	25.2	27.2	26.9	28.9	31.4	33.8	34.9	35.3	38.8	40.8
	Heating	Nom.		kW	3.91	6.42	8.59	10.20	12.2	13.6	15.1	16.7	18.8	20.4	22.2	23.8	25.8	27.2	29.4	30.8	32.4	34.0	35.8	36.0	39.4	40.8
EER					4.17	4.27	3.66	3.32	3.45	3.31	3.91	3.63	3.46	3.32	3.43	3.31	3.37	3.31	3.57	3.49	3.41	3.31	3.38	3.51	3.35	3.31
COP					4.09	3.89	3.67	3.68	3.69	3.68	3.74		3.67	3.68	3.67		3.68		3.67			3.68	3.69	3.83	3.68	
Maximum number of connectable indoor units					10	17	21	26	30	34	39	43	47	52	56	60	64									
Indoor index connection	Min.				62.5	100	125	150	175	200	225	250	275	300	325	350	375	400	425	450	475	500	525	550	575	600
	Nom.				125	200	250	300	350	400	450	500	550	600	650	700	750	800	850	900	950	1,000	1,050	1,100	1,150	1,200
	Max.				162.5	260	325	390	455	520	585	650	715	780	845	910	975	1,040	1,105	1,170	1,235	1,300	1,365	1,430	1,495	1,560
Dimensions	Unit	HeightxWidthxDepth		mm	1,680x635 x765	1,680x930x765			1,680x1,240x765		-															
Weight	Unit			kg	175	230	284		381		-															
Heat exchanger	Type				Cross fin coil						-															
Fan	Type				Propeller fan						-															
	Air flow rate	Cooling	Nom.	m^3/min	95	180	185	200	233		-															
	External static pressure	Max.		Pa	78						-															
Sound power level	Cooling	Nom.		dBA	-						-															
Sound pressure level	Cooling	Nom.		dBA	54.0	57.0	58.0	60.0			61	62	63						64		65					
Compressor	Type				Hermetically sealed scroll compressor						-															
Operation range	Cooling	Min.~Max.		°CDB	-5~43						-															
	Heating	Min.~Max.		°CWB	-20~15.5						-															
Refrigerant	Type				R-410A						-															
	Charge			kg	11.1	10.8	11.7				-															
	Control				Electronic expansion valve						-															
Piping connections	Liquid	Type			Braze connection																					
		OD		mm	9.52			12.7			15.9				19.1											
	Gas	Type			Braze connection																					
		OD		mm	15.9	19.1	22.2	28.6			28.6				34.9				41.3							
	Piping length	OU - IU	Max.	m	150																					
		After branch	Max.	m	40																					
	Total piping length	System	Actual	m	300																					
	Level difference	OU - IU	Outdoor unit in highest position/ Indoor unit in highest position	m	50/40																					
		IU - IU	Max.	m	15																					
Power supply	Phase/Frequency/Voltage			Hz/V	3~/50/380-415						-								-							
Current - 50Hz	Maximum fuse amps (MFA)			A	15	25			35		45	50			60		70		90			100			110	

(1) Cooling: indoor temp. 27°CDB, 19°CWB; outdoor temp. 35°CDB; equivalent piping length: 7.5m; level difference: 0m (2) Heating: indoor temp. 20°CDB; outdoor temp. 7°CDB, 6°CWB; equivalent refrigerant piping: 7.5m; level difference: 0m (3) Select wire size based on the larger value of MCA or TOCA

Specifications

VRV-Q - Replacement VRV - Heat Recovery

OUTDOOR SYSTEM					RQCEQ280P	RQCEQ360P	RQCEQ460P	RQCEQ500P	RQCEQ540P	RQCEQ636P	RQCEQ712P	RQCEQ744P	RQCEQ816P	RQCEQ848P
System	Outdoor unit module 1				RQEQ140P	RQEQ180P	RQEQ140P		RQEQ180P	RQEQ212P	RQEQ140P		RQEQ180P	RQEQ212P
	Outdoor unit module 2				RQEQ140P	RQEQ180P	RQEQ140P	RQEQ180P		RQEQ212P	RQEQ180P		RQEQ212P	
	Outdoor unit module 3				-		RQEQ180P			RQEQ212P	RQEQ180P	RQEQ212P		
	Outdoor unit module 4				-						RQEQ212P			
Capacity range				HP	10	13	16	18	20	22	24	26	28	30
Cooling capacity	Nom.			kW	28.0 [1]	36.0 [1]	45.0 [1]	50.0 [1]	54.0 [1]	63.6 [1]	71.2 [1]	74.4 [1]	81.6 [1]	84.8 [1]
Heating capacity	Nom.			kW	32.0 [2]	40.0 [2]	52.0 [2]	56.0 [2])	60.0 [2]	67.2 [2]	78.4 [2]	80.8 [2]	87.2 [2]	89.6 [2]
Power input - 50Hz	Cooling	Nom.		kW	7.04	10.3	12.2	13.9	15.5	21.9	21.2	23.3	27.1	29.2
	Heating	Nom.		kW	8.00	10.7	13.4	14.7	16.1	17.7	20.7	21.2	23.1	23.6
EER					3.98	3.48	3.77	3.61	3.48	2.90	3.36	3.19	3.01	2.90
COP					4.00	3.72	3.89	3.80	3.72	3.79	3.80	3.81	3.77	3.79
Maximum number of connectable indoor units					21	28	34	39	43	47	52	56	60	64
Indoor index connection	Min./Nom./Max.				140/280/364	180/360/468	230/500/598	250/500/650	270/540/702	318/636/827	356/712/926	372/744/967.0	408/816/1,061	424/848/1,102
Sound power level	Cooling	Nom.		dBA	-									
Sound pressure level	Cooling	Nom.		dBA	57	61		62	63	64	63	64	65	66
Refrigerant	Circuits	Quantity			1									
Piping connections	Liquid	Type/OD		mm	Braze connection/9.52	Braze connection/12.7		Braze connection/15.9			Braze connection/19.1			
	Gas	Type/OD		mm	Braze connection/22.2	Braze connection/25.4	Braze connection/28.6				Braze connection/34.9			
	Discharge gas	Type/OD		mm	Braze connection/19.1		Braze connection/22.2			Braze connection/25.4			Braze connection/28.6	
	Piping length	OU - IU	Max.	m	120									
	Total piping length	System	Actual	m	300									
	Level difference	OU - IU	Outdoor unit in highest position	m	50									
Current - 50Hz	Maximum fuse amps (MFA)			A	30	40	50	60		70	80		90	

OUTDOOR UNIT MODULE				RQEQ140P	RQEQ180P	RQEQ212P
Dimensions	Unit	HeightxWidthxDepth	mm	1,680x635x765		
Weight	Unit		kg	175		179
Heat exchanger	Type			Cross fin coil		
Fan-Type				Propeller fan		
Fan-Air flow rate	Cooling	Nom.	m^3/min	95	110	
Fan-External static pressure	Max.		Pa	-		
Sound pressure level	Cooling	Nom.	dBA	54	58	60
Compressor	Type			Hermetically sealed scroll compressor		
Operation range	Cooling	Min.	°CDB	-5		
		Max.	°CDB	43		
	Heating	Min.~Max.	°CWB	-20~15		
Refrigerant	Type			R-410A		
	Charge		kg	10.3	10.6	11.2
	Control			Electronic expansion valve		
Power supply	Phase/Frequency/Voltage		Hz/V	3~/50/380-415		

(1) Cooling: indoor temp. 27°CDB, 19°CWB; outdoor temp. 35°CDB; equivalent piping length: 7.5m; level difference: 0m (2) Heating: indoor temp. 20°CDB; outdoor temp. 7°CDB, 6°CWB; equivalent refrigerant piping: 7.5m; level difference: 0m (3) MFA is used to select the circuit breaker and the ground fault circuit interrupter (earth leakage circuit breaker).

Heat recovery VRV III

Why VRV Heat Recovery?

By integrating climate control systems in an innovative way, it is possible to create a much more holistic – and sustainable – energy cycle within a building. Incorporating heat recovery within a VRV solution means that it is possible to cut energy usage by up to 60%, which has clear environmental and economic benefits.

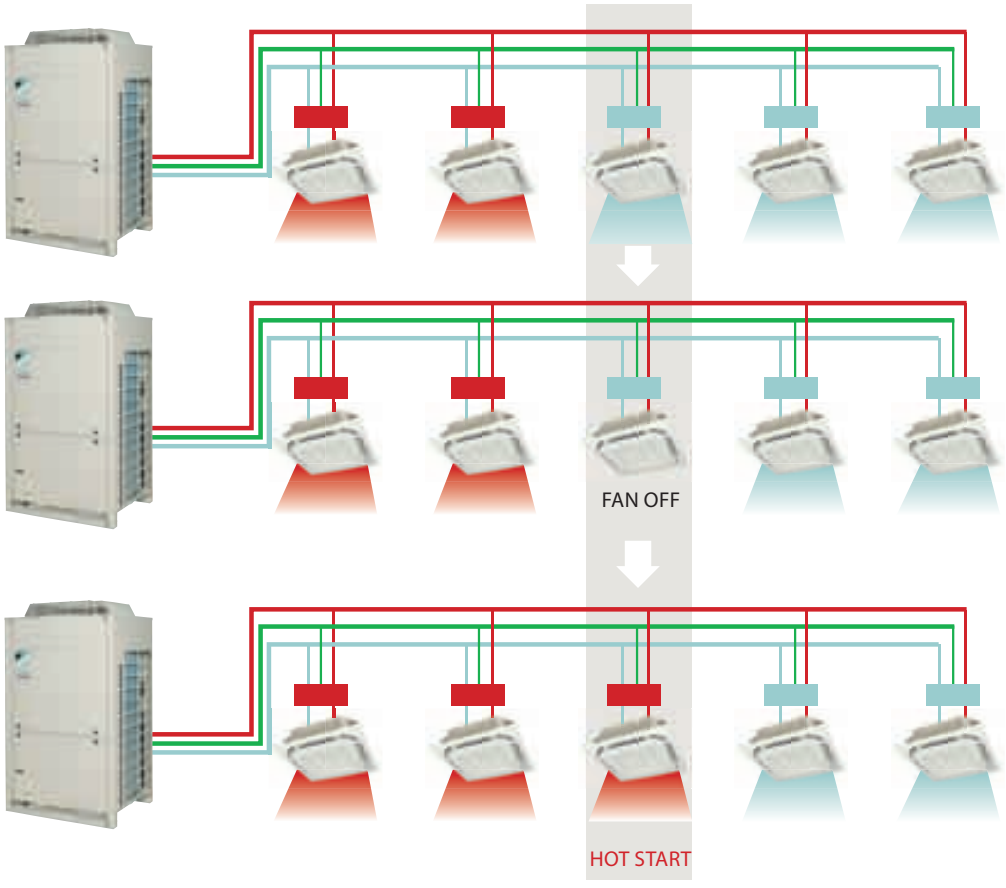
Daikin has been the market leader in variable refrigerant flow systems for more than 25 years.

Our heat recovery approach is a year-round solution. Even when the temperature outside is sub zero, our total VRV solution is still capable of cooling interior spaces in which people or equipment are generating heat.

This heat can then be recovered to produce hot water or heat spaces in a highly energy efficient way.

VRV III Heat Recovery

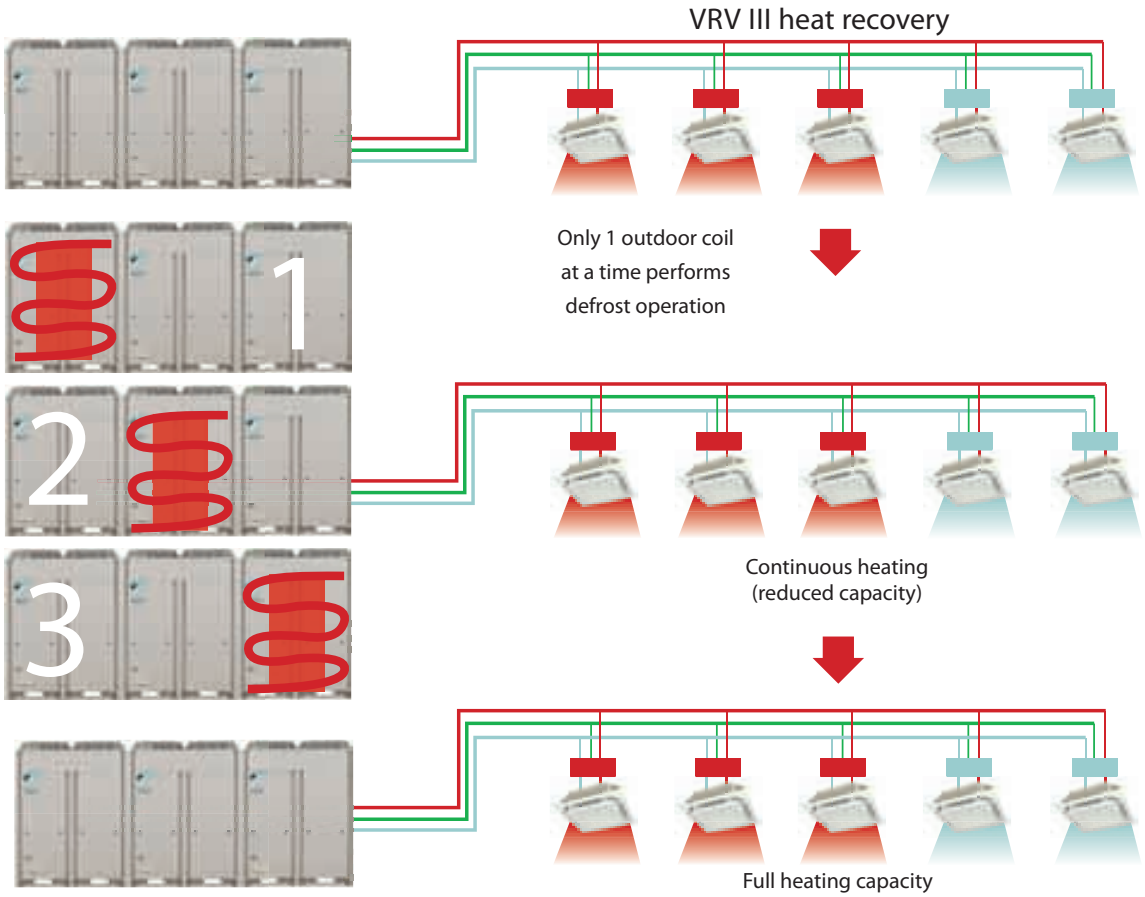
With the VRV III BS box, the other indoor units can keep heating while the target indoor units are switched from cooling to heating.



Continuous heating during defrost

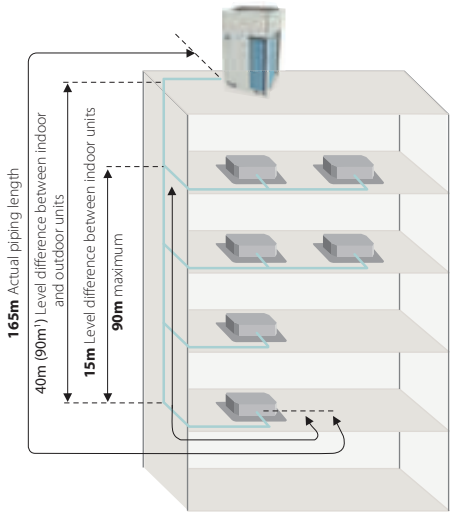
Higher integrated heating capacity allows continuous heating during defrost, ensuring the highest comfort level throughout the defrost cycle and oil return.

This avoids major temperature fluctuations or cold drafts in the room, during defrost and oil return, thus maintaining the perfect comfort conditions at all times.



Flexible piping design

- VRV offers an extended piping length of 165m (190m equivalent piping length) with a total system piping length of 1000m
- Where the outdoor unit is located above the indoor unit, the standard height difference is 50m, but this can be extended to 90m
- If the outdoor unit is located below the indoor unit, the standard height difference is 40m with a height difference of a maximum 90m being possible



Specifications

VRV-III - Heat Recovery

OUTDOOR UNIT					REYQ8P9	REYQ10P8	REYQ12P9	REYQ14P8	REYQ16P8
Capacity range				HP	8	10	12	14	16
Cooling capacity	Nom.			kW	22.4 [1]	28.0 [1]	33.5 [1]	40.0 [1]	45.0 [1]
Heating capacity	Nom.			kW	25.0 [2]	31.5 [2]	37.5 [2]	45.0 [2]	50.0 [2]
Power input - 50Hz	Cooling	Nom.		kW	5.20	7.09	8.72	11.4	14.1
	Heating	Nom.		kW	5.71	7.38	8.84	11.0	12.8
EER					4.31	3.95	3.84	3.51	3.19
COP					4.38	4.27	4.24	4.09	3.91
Maximum number of connectable indoor units					17	21	26	30	34
Indoor index connection	Min.				100	125	150	175	200
	Nom.				200	250	300	350	400
	Max.				260	325	390	455	520
Dimensions	Unit	HeightxWidthxDepth		mm	1,680x1,300x765				
Weight	Unit			kg	331			339	
Heat exchanger	Type				Cross fin coil				
Fan	Type				Propeller fan				
	Air flow rate	Cooling	Nom.	m^3/min	190		210	235	240
	External static pressure	Max.		Pa	-				
Sound power level	Cooling	Nom.		dBA	78		80	83	84
Sound pressure level	Cooling	Nom.		dBA	58		60	62	63
Compressor	Type				Hermetically sealed scroll compressor				
Compressor 2	Type				Hermetically sealed scroll compressor				
Operation range	Cooling	Min.~Max.		°CDB	-20 (15) / -5~43				
	Heating	Min.~Max.		°CWB	-20~15.5				
Refrigerant	Type				R-410A				
	Charge			kg	10.3	10.6	10.8	11.1	
	Control				Expansion valve (electronic type)				
Piping connections	Liquid	Type			Braze connection				
		OD		mm	9.52		12.7		
	Gas	Type			Braze connection				
		OD		mm	19.1	22.2	28.6		
	Discharge gas	Type			Braze connection				
		OD		mm	15.9	19.10		22.2	
	Piping length	OU - IU	Max.	m	165				
		After branch	Max.	m	90 (8)				
	Total piping length	System	Actual	m	1,000				
	Level difference	OU - IU	Outdoor unit in highest position/Indoor unit in highest position	m	50/40				
		IU - IU	Max.	m	15				
Power supply	Phase/Frequency/Voltage			Hz/V	3~/50/380-415				
Current - 50Hz	Maximum fuse amps (MFA)			A	20	25		40	

(1) Cooling: indoor temp. 27°CDB, 19°CWB; outdoor temp. 35°CDB; equivalent piping length: 7.5m; level difference: 0m (2) Heating: indoor temp. 20°CDB; outdoor temp. 7°CDB, 6°CWB; equivalent refrigerant piping: 7.5m; level difference: 0m (3) MFA is used to select the circuit breaker and the ground fault circuit interrupter (earth leakage circuit breaker). (4) In accordance with EN/IEC 61000-3-11, respectively EN/IEC 61000-3-12, it may be necessary to consult the distribution network operator to ensure that the equipment is connected only to a supply with Zsys ≤ Zmax, respectively Ssc ≥ minimum Ssc value. (5) EN/IEC 61000-3-11: European/international technical standard setting the limits for voltage changes, voltage fluctuations and flicker in public low-voltage supply systems for equipment with rated ≤ 75A (6) EN/IEC 61000-3-12: European/international technical standard setting the limits for harmonic currents produced by equipment connected to public low-voltage system with input current > 16A and ≤ 75A per phase (7) Technical cooling setting, refer to the installation manual for more information (8) Refer to refrigerant pipe selection or installation manual

Specifications

VRV-III - Heat Recovery

OUTDOOR SYSTEM					REYQ18P9	REYQ20P9	REYQ22P8	REYQ24P8	REYQ26P8	REYQ28P8	REYQ30P8	REYQ32P8	REYQ34P9	REYQ36P9
System	Outdoor unit module 1				REMQ8P9		REMQ10P8	REMQ12P8	REMQ10P8	REMQ12P8	REMQ14P8	REMQ16P8	REMQ8P9	
	Outdoor unit module 2				REMQ10P8	REMQ12P8			REMQ16P8				REMQ10P8	REMQ12P8
	Outdoor unit module 3				-								REMQ16P8	
Capacity range				HP	18	20	22	24	26	28	30	32	34	36
Cooling capacity	Nom.			kW	50.4 [1]	55.9 [1]	61.5 [1]	67.0 [1]	73.0 [1]	78.5 [1]	85.0 [1]	90.0 [1]	95.4 [1]	101 [1]
Heating capacity	Nom.			kW	56.5 [2]	62.5 [2]	69.0 [2]	75.0 [2]	81.5 [2]	87.5 [2]	95.0 [2]	100 [2]	107 [2]	113 [2]
Power input - 50Hz	Cooling	Nom.		kW	12.7	14.9	17.0	19.2	21.8	23.8	26.6	28.4	26.9	29.1
	Heating	Nom.		kW	13.4	15.2	17.1	18.9	20.6	22.3	24.2	25.8	26.3	28.1
EER					3.97	3.75	3.62	3.49	3.35	3.29	3.19	3.16	3.55	3.47
COP					4.22	4.11	4.04	3.97	3.96	3.92		3.87	4.07	4.02
Maximum number of connectable indoor units					39	43	47	52	56	60	64			
Indoor index connection	Min./Nom./Max.				225/450/585	250/500/650	275/550/715	300/600/780	325/650/845	350/700/910	375/750/975	400/800/1,040	425/850/1,105	450/900/1,170
Sound power level	Cooling	Nom.		dBA	81	83							84	85
Sound pressure level	Cooling	Nom.		dBA	61	62	63						64	
Piping connections	Liquid	Type/OD		mm	Braze connection/15.9				Braze connection/19.1					
	Gas	Type/OD		mm	Braze connection/28.6			Braze connection/34.9					Braze connection/41.3	
	Discharge gas	Type/OD		mm	Braze connection/22.2	Braze connection/28.6								
	Oil equalizing	OD		mm	19.1									
	Piping length	OU - IU	Max.	m	165									
		After branch	Max.	m	90 (18)									
	Total piping length	System	Actual	m	1,000									
	Level difference	OU - IU	Outdoor unit in highest position/ Indoor unit in highest position	m	50/40									
		IU - IU	Max.	m	15									
Current - 50Hz	Maximum fuse amps (MFA)			A	45	50			60		70		80	

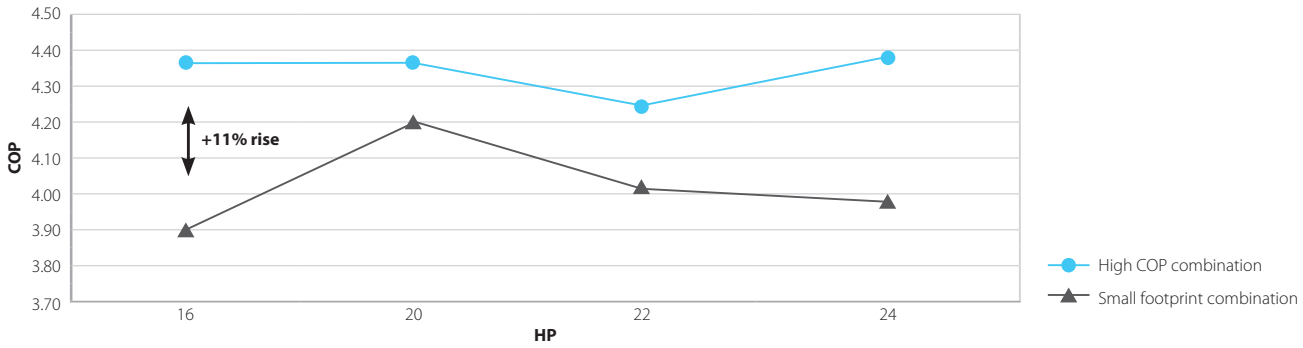
OUTDOOR SYSTEM					REYQ34P9	REYQ36P9	REYQ38P8	REYQ40P8	REYQ42P8	REYQ44P8	REYQ46P8	REYQ48P8
System	Outdoor unit module 1				REMQ8P9		REMQ10P8	REMQ12P8	REMQ10P8	REMQ12P8	REMQ14P8	REMQ16P8
	Outdoor unit module 2				REMQ10P8	REMQ12P8			REMQ16P8			REMQ16P8
	Outdoor unit module 3				REMQ16P8							
Capacity range				HP	34	36	38	40	42	44	46	48
Cooling capacity	Nom.			kW	95.4 [1]	101 [1]	107 [1]	112 [1]	118 [1]	124 [1]	130 [1]	135 [1]
Heating capacity	Nom.			kW	107 [2]	113 [2]	119 [2]	125 [2]	132 [2]	138 [2]	145 [2]	150 [2]
Power input - 50Hz	Cooling	Nom.		kW	26.9	29.1	31.2	33.4	35.8	38.0	40.8	42.6
	Heating	Nom.		kW	26.3	28.1	30.0	31.8	33.5	35.2	37.1	38.7
EER					3.55	3.47	3.43	3.35	3.29	3.26	3.18	3.16
COP					4.07	4.02	3.96	3.93	3.94	3.92	3.90	3.87
Maximum number of connectable indoor units					64							
Indoor index connection	Min./Nom./Max.				425/850/1,105	450/900/1,170	475/950/1,235	500/1,000/1,300	525/1,050/1,365	550/1,100/1,430	575/1,150/1,495	600/1,200/1,560
Sound power level	Cooling	Nom.		dBA	84	85						
Sound pressure level	Cooling	Nom.		dBA	64	65						
Piping connections	Liquid	OD		mm	19.1							
	Gas	OD		mm	34.9	41.3						
	Discharge gas	OD		mm	28.6	34.9						
	Oil equalizing	OD		mm	19.1							
	Total piping length	System	Actual	m	40 (14)	1,000						
	Level difference	OU - IU	Outdoor unit in highest position/Indoor unit in highest position	m	50/40							
		IU - IU	Max.	m	15							
Current - 50Hz	Maximum fuse amps (MFA)			A	80		90		100		110	

OUTDOOR UNIT MODULE					REMQ8P9	REMQ10P8	REMQ12P8	REMQ14P8	REMQ16P8
Dimensions	Unit	HeightxWidthxDepth		mm	1,680x930x765			1,680x1,240x765	
Weight	Unit			kg	204	254		334	
Heat exchanger	Type				Cross fin coil				
Fan-Type					Propeller fan				
Fan-Air flow rate	Cooling	Nom.		m^3/min	180	185	200	230	
Fan-External static pressure	Max.			Pa	78				
Compressor	Type				Hermetically sealed scroll compressor				
Compressor 2	Type					Hermetically sealed scroll compressor			
Compressor 3	Type							Hermetically sealed scroll compressor	
Operation range	Cooling	Standard	Min.	°CDB	-5				
		Max.		°CDB	43				
	Heating	Min.~Max.		°CWB	-20~15.5				
Refrigerant	Type				R-410A				
	Charge			kg	8.2	9.0	9.1	11.7	
	Control				Expansion valve (electronic type)				
Power supply	Phase/Frequency/Voltage			Hz/V	3~/50/380-415				

(1) Cooling: indoor temp. 27°CDB, 19°CWB; outdoor temp. 35°CDB; equivalent piping length: 7.5m; level difference: 0m (2) Heating: indoor temp. 20°CDB; outdoor temp. 7°CDB, 6°CWB; equivalent refrigerant piping: 7.5m; level difference: 0m (3) Technical cooling setting, contact your local dealer for more information

VRV Heat Recovery - high COP

The high COP combination has the highest energy efficiency within the Daikin heat recovery range. It is up to 11% more efficient, compared with the small footprint combination.



HP		16	20	22	24
High COP combination	combination	8 + 8	8 + 12	10 + 12	12 + 12
	COP	4.36	4.36	4.24	4.37
	EER	4.29	4.04	3.84	3.89
Small footprint combination	combination	16	8 + 12	10 + 12	12 + 12
	COP	3.90	4.12	4.03	3.97
	EER	3.19	3.77	3.61	3.49

+11%

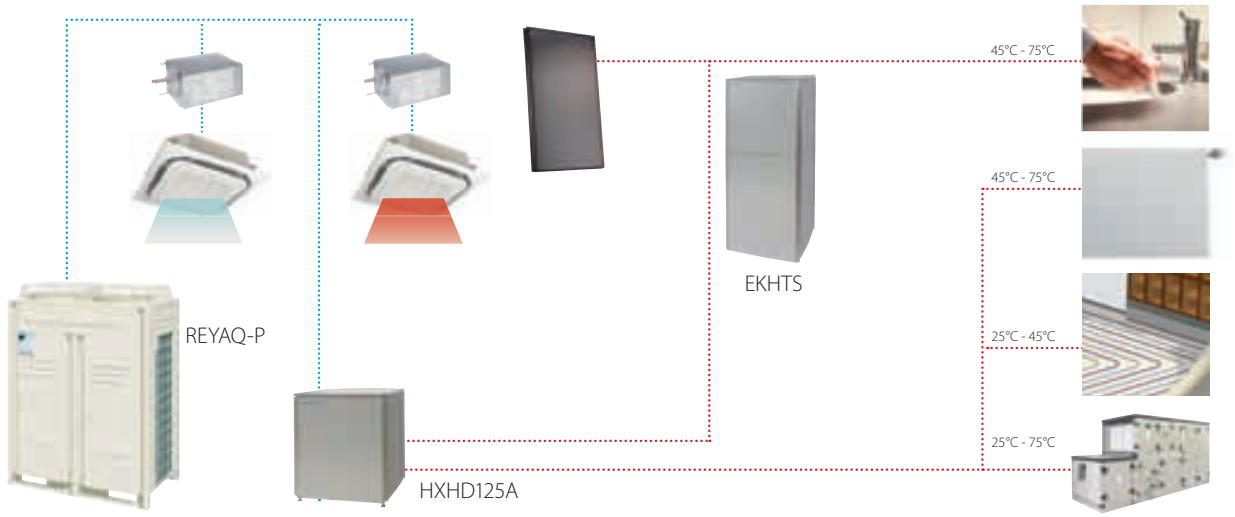
OUTDOOR SYSTEM					REYHQ16P	REYHQ20P	REYHQ22P	REYHQ24P
System	Outdoor unit module 1				REMQ8P9		REMQ10P8	REMHQ12P8
	Outdoor unit module 2				REMQ8P9	REMHQ12P8		
Capacity range				HP	16	20	22	24
Cooling capacity	Nom.			kW	45.0 [1]	56.0 [1]	61.5 [1]	67.0 [1]
Heating capacity	Nom.			kW	50.0 [2]	62.5 [2]	69.0 [2]	75.0 [2]
Power input - 50Hz	Cooling	Nom.		kW	10.5	13.9	16.0	17.2
	Heating	Nom.		kW	11.5	14.3	16.3	17.2
EER					4.29	4.04	3.84	3.89
COP					4.36		4.24	4.37
Maximum number of connectable indoor units					34	43	47	52
Indoor index connection	Min./Nom./Max.				200/400/520	225/450/585	250/500/650	275/550/715
Sound power level	Cooling	Nom.		dBA	82	85		87
Sound pressure level	Cooling	Nom.		dBA	62	64		66
Refrigerant	Circuits	Quantity			1			
Piping connections	Liquid	Type/OD		mm	Braze connection/12.7	Braze connection/15.9		
	Gas	Type/OD		mm	Braze connection/28.6			Braze connection/34.9
	Piping length	OU - IU	Max.	m	165			
		After branch	Max.	m	90 (18)			
	Total piping length	System	Actual	m	1,000			
	Level difference	OU - IU	Outdoor unit in highest position/ Indoor unit in highest position	m	50/40			
		IU - IU	Max.	m	15			
Current - 50Hz	Maximum fuse amps (MFA)			A	50	63		80

OUTDOOR UNIT MODULE				REMQ8P9	REMQ10P8	REMHQ12P8
Dimensions	Unit	HeightxWidthxDepth	mm	1,680x930x765		1,680x1,300x765
Weight	Unit		kg	204	254	331
Heat exchanger	Type			Cross fin coil		-
Fan-Type				Propeller fan		
Fan-Air flow rate	Cooling	Nom.	m^3/min	180	185	230
	Heating	Nom.	m^3/min	-		230
Fan-External static pressure	Max.		Pa	-		78
Sound power level	Cooling	Nom.	dBA	78		-
Compressor	Type			Hermetically sealed scroll compressor		
Compressor 2	Type			-	Hermetically sealed scroll compressor	
Operation range	Cooling	Min.	°CDB	-5		
		Max.	°CDB	43		
	Heating	Min.~Max.	°CWB	-20~15		
Refrigerant	Type			R-410A		
	Charge		kg	8.2	9.0	11.7
	Control			Expansion valve (electronic type)		
Refrigerant oil	Type			-		Synthetic (ether) oil
	Charged volume		l	-		2.5
Power supply	Phase/Frequency/Voltage		Hz/V	3~/50/380-415		
Current - 50Hz	Maximum fuse amps (MFA)		A	25		40

1) Cooling: indoor temp. 27°CDB, 19°CWB; outdoor temp. 35°CDB; equivalent piping length: 7.5m; level difference: 0m (2) Heating: indoor temp. 20°CDB; outdoor temp. 7°CDB, 6°CWB; equivalent refrigerant piping: 7.5m; level difference: 0m

VRV Heat Recovery with hydroboxes

Daikin offers a highly efficient and flexible solution, with all components integrated, for connection to heating only hydroboxes.



OUTDOOR UNIT					REYAQ10P	REYAQ12P	REYAQ14P	REYAQ16P
Capacity range				HP	10	12	14	16
Cooling capacity	Nom.			kW	28 [1]	33.5 [1]	40 [1]	45 [1]
Heating capacity	Nom.			kW	31.5 [2]	37.5 [2]	45 [2]	50 [2]
Power input - 50Hz	Cooling	Nom.		kW	7.09 [1]	8.72 [1]	11.4 [1]	14.1 [1]
	Heating	Nom.		kW	7.38 [2]	8.84 [2]	11.0 [2]	12.8 [2]
EER					3.95	3.84	3.51	3.19
COP					4.27	4.24	4.09	3.91
Maximum number of connectable indoor units					21	26	30	34
Indoor index connection	Min.				125	150	175	200
	Nom.				250	300	350	400
	Max.				325	390	455	520
Dimensions	Unit	HeightxWidthxDepth		mm	1,680x1,300x765			
Weight	Unit			kg	331		339	
Heat exchanger	Type				Cross fin coil			
Fan	Type				Propeller fan			
	Air flow rate	Cooling	Nom.	m^3/min	-			
	External static pressure	Max.		Pa	78			
Sound power level	Cooling	Nom.		dBA	78	80	83	84
Sound pressure level	Cooling	Nom.		dBA	58	60	62	63
Compressor	Type				Hermetically sealed scroll compressor			
Compressor 2	Type				Hermetically sealed scroll compressor			
Operation range	Cooling	Min.~Max.		°CDB	-5~43			
	Heating	Min.~Max.		°CWB	-20~15.5			
	Hot water production	Space heating	Min.~Max.	°CDB	-20~20 / 24 [3]	-20~20 / 24 [3]	-20~20 / 24 [3]	-20~20 / 24 [3]
		Domestic hot water	Min.~Max.	°CDB	-20~43			
Refrigerant	Type				R-410A			
	Charge			kg	10.6	10.8	11.1	
	Control				Expansion valve (electronic type)			
Refrigerant oil	Type				Daphne FVC68D			
Piping connections	Liquid	Type			Braze connection			
		OD		mm	9.52	12.7		
	Gas	Type			Braze connection			
		OD		mm	22.2	28.6		
	Discharge gas	Type			Braze connection			
		OD		mm	19.1		22.2	
	Piping length	OU - IU	Max.	m	100			
		After branch	Max.	m	40			
	Total piping length	System	Actual	m	300			
	Level difference	OU - IU	Outdoor unit in highest position/Indoor unit in highest position	m	40/40			
		IU - IU	Max.	m	15			
	Additional refrigerant charge			kg/m	See installation manual			
	High pressure side	Design pressure		bar	40			
Power supply	Phase/Frequency/Voltage			Hz/V	3~/50/380-415			
Current - 50Hz	Maximum fuse amps (MFA)			A	25		40	

(1) Cooling: indoor temp. 27°CDB, 19°CWB; outdoor temp. 35°CDB; 100% connection ratio (DX indoor units); For combination with HXHD125, cf. capacity table (2) Heating: indoor temp. 20°CDB; outdoor temp. 7°CDB, 6°CWB; 100% connection ratio (DX indoor units); For combination with HXHD125, cf. capacity table (3) In case of connection with a 20~50 type indoor unit, match to the size of the field pipe using the attached pipe. Connection between the attached pipe and the field pipe must be brazed.

Individual branch selector for VRV Heat Recovery

BSVQ-P8

Individual comfort thanks to VRV III BS Box. The BS box comes in individual and multi versions for maximum flexibility, faster installation and best value.

BSVQ100P8

- High comfort levels: individual control and change over, for one group of indoor units
- Maximum design flexibility because individual and multi boxes can be combined in one system
- Low built-in height
- No drain piping needed
- Allows multi tenant applications (option PCB required)

					BSVQ100P8	BSVQ160P8	BSVQ250P8
Power input	Cooling	Nom.		kW	0.005		
	Heating	Nom.		kW	0.005		
Maximum number of connectable indoor units					6	8	
Maximum capacity index of connectable indoor units					15 < x ≤ 100	100<x≤160	160<x≤250
Casing	Material				Galvanised steel plate		Galvanised steel
Dimensions	Unit	HeightxWidthxDepth		mm	207x388x326		
Weight	Unit			kg	12		15
Piping connections	Outdoor unit	Liquid	Type/OD	mm	Brazing connection/9.5		
		Gas	Type/OD	mm	Brazing connection/15.9	Brazing connection/15.9	Brazing connection/22.2
		Discharge gas	Type/OD	mm	Brazing connection/12.7	Brazing connection/12.7	Brazing connection/19.1
	Indoor unit	Liquid	Type/OD	mm	Brazing connection/9.5	Brazing connection/9.5	
		Gas	Type/OD	mm	Brazing connection/15.9		Brazing connection/22.2
Sound absorbing thermal insulation					Foamed polyurethane, frame resisting needle felt		
Power supply	Phase/Frequency/Voltage			Hz/V	1~/50/220-240		
Total circuit	Maximum fuse amps (MFA)			A	15		

Multi branch selector for VRV Heat Recovery

BSV4/6Q-PV

BSV4Q100PV

- Rapid installation as a result of fewer brazing points and less wiring
- High comfort levels: individual control and change over, for up to 4 or 6 groups of indoor units
- Maximum design flexibility because individual and multi boxes can be combined in one system
- Low built-in height
- No drain piping needed

					BSV4Q100PV	BSV6Q100PV
Power input	Cooling	Nom.		kW	0.020	0.030
	Heating	Nom.		kW	0.020	0.030
Maximum number of connectable indoor units					24	36
Maximum number of connectable indoor units per branch					6	
Number of branches					4	6
Maximum capacity index of connectable indoor units					400	600
Maximum capacity index of connectable indoor units per branch					100	
Casing	Material				Galvanised steel plate	
Dimensions	Unit	HeightxWidthxDepth		mm	209x1,053x635	209x1,577x635
Weight	Unit			kg	60	89
Piping connections	Outdoor unit	Liquid	Type/OD	mm	Brazing connection/12.7	Brazing connection/15.9
		Gas	Type/OD	mm	Brazing connection/28.6	
		Discharge gas	Type/OD	mm	Brazing connection/19.1	Brazing connection/28.6
	Indoor unit	Liquid	Type/OD	mm	Brazing connection/9.5	
		Gas	Type/OD	mm	Brazing connection/15.9	
Sound absorbing thermal insulation					Foamed polyurethane, frame resisting needle felt	
Power supply	Phase/Frequency/Voltage			Hz/V	1~/50/220-240	
Total circuit	Maximum fuse amps (MFA)			A	15	

Heat pump VRV IV RYYQ-T

The VRV IV Heat Pump inherits all the renowned technological features of the VRV III and adds a number of revolutionary technologies, setting the new standard in the market once again.

1 VRV configurator

Simplified commissioning and configuration via PC connection
7-segment LED indicator enables quick check of basic functions and easy error read-out

2 Gas cooled PCB

For maximum reliability

3 Full inverter compressor control

Enabling variable refrigerant temperature technology and low start-up currents

4 Heat accumulating element

Provides energy to defrost the outdoor unit while continuing to provide indoor heating

5 4 side and 3 row heat exchanger

Increases heat exchange surface for better efficiency

Variable refrigerant temperature

Customise your VRV for the optimum seasonal efficiency and comfort: Revolutionary variable refrigerant temperature control (optimised by Daikin for UK conditions for maximum efficiency and comfort) automatically adapts the system to the individual building and climate requirements.

Continuous heating during defrost via heat pump

The new standard in heating comfort: Unique continuous heating technology makes VRV IV Heat Pump the best alternative to traditional heating systems.

VRV configurator

Software for simplified commissioning, configuration and customisation

- Simplified commissioning: graphical interface to configure, commission and upload system settings
- Simplified servicing: additional 7-segment indicator for easy and quick access to basic functions and error read out

Heat pump variable refrigerant temperature VRT

> Default mode optimised by Daikin for UK conditions for maximum efficiency and comfort

> Customising VRV for optimal seasonal efficiency

Possible modes:

Automatic mode (Default setting on VRV IV)
Optimised by Daikin for UK conditions

The perfect balance : Top efficiency throughout most of the year. Quick reaction speed on the hottest days

High sensible mode

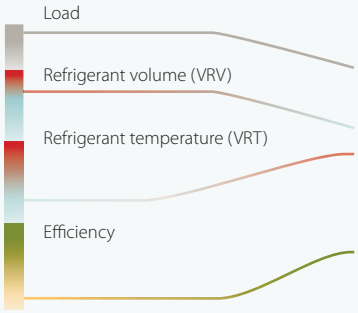
Year round top efficiency

Basic mode (current VRF standard)

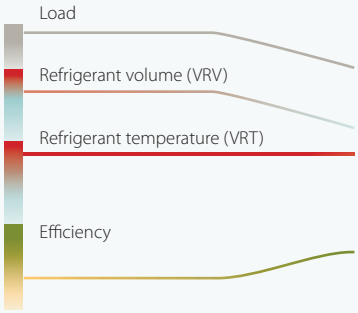
Quick reaction to peak load, to maintain set point

Effect of preset modes on efficiency and reaction speed:

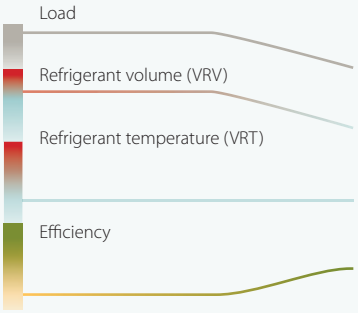
Automatic mode (Default setting on VRV IV)
Optimised by Daikin for UK conditions



High sensible mode



Basic mode (current VRF standard)



Revolutionary Variable Refrigerant Temperature (VRT) controls automatically adapt the VRV system to your individual building and climate requirements, thus drastically reducing operational running costs.

VRT enables customisation of the system using a choice of presets to optimise the energy and comfort balance.

This unique technology delivers a 28.1% increase in seasonal efficiency, because the system continually adjusts the refrigerant temperature according to the total required capacity and the external weather conditions.

How a 28% increase in seasonal efficiency is achieved

In automatic mode, the system constantly adjusts refrigerant temperature and volume according to the total required capacity and weather conditions, thus delivering major increases in seasonal efficiency.

For example, in mid season when there is little cooling needed and the room temperature is close to the setpoint, the system will adjust its refrigerant temperature to a higher temperature so less energy is needed.

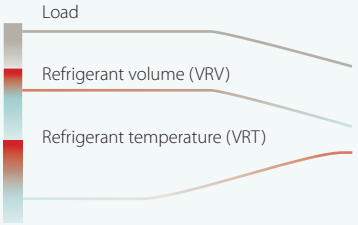
Control exactly how your system reacts in automatic mode

The submodes available allow the installer to easily fine tune the way the system reacts to changes in indoor and outdoor temperatures. The capacity can be boosted to over 100% if needed, prioritising fast reaction speed, or priority can be given to efficiency over speed of reaction.

Automatic mode
(Default setting on VRV IV)
Optimised by Daikin for UK conditions

The perfect balance : Maximum efficiency throughout most of the year. Quick reaction speed on the hottest days

Automatic mode
(Default setting on VRV IV)
Optimised by Daikin for UK conditions



The new standard in heating comfort

> Unique continuous heating technology
> The best alternative to traditional heating systems

VRV IV Heat Pump for continuous comfort, even during defrost

Because the VRV IV Heat Pump continues to provide heating even when in defrost mode, it provides the answer to any perceived disadvantages of specifying a heat pump for monovalent heating.

Heat pumps are known for their high energy efficiency in heating, but they accumulate ice during heating operation and this must be melted periodically using a defrost function that reverses the refrigeration cycle. This causes a temporary temperature drop, which can reduce comfort levels inside the building.

Defrosting can take over 10 minutes (depending on the size of the system) and occurs most frequently between -7 and +7°C when there is most humidity.

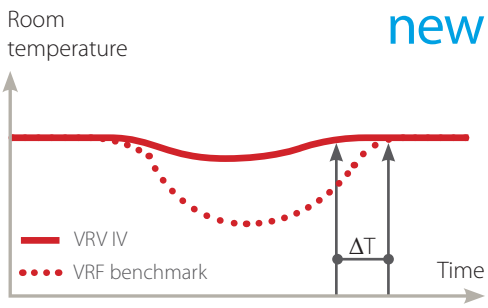
How does it work?

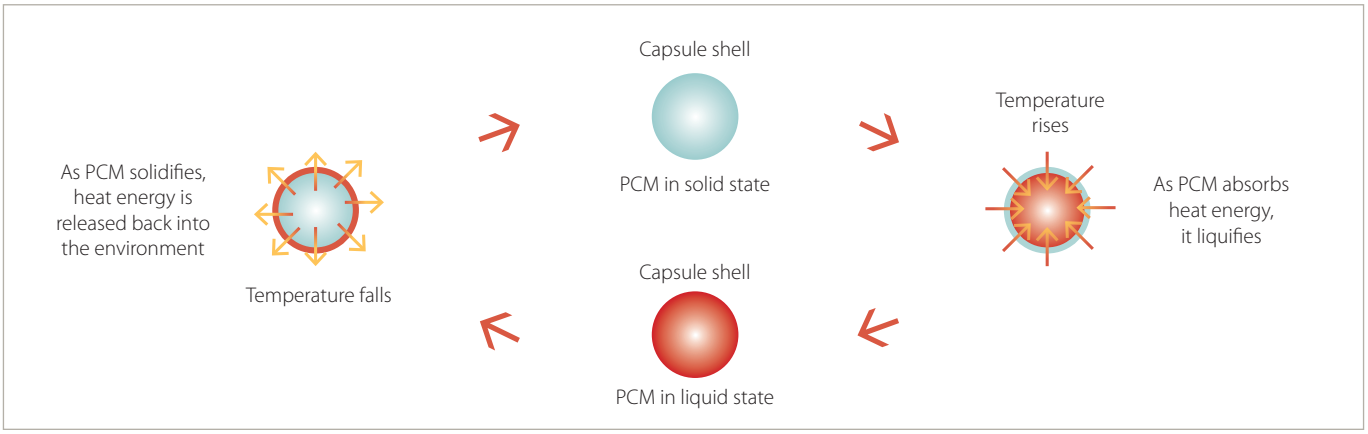
VRV IV Heat Pump features a unique heat-accumulating element, based on phase change materials, which provides energy to defrost the outdoor unit while continuing to provide heating, thus maintaining a comfortable indoor climate. The energy needed for defrosting is stored in the element during normal heating operations.

How phase change material works

A phase change material (PCM) will store or release energy when it changes phase from solid to liquid or liquid to solid.

The outdoor unit coil is defrosted …
… with the energy stored in the heat accumulating element …
… while indoors a comfortable temperature is maintained.





Continuous heating function is only available on RYYQ-T units.

VRV configurator software

> Saves time on commissioning
> Manages multiple systems in exactly the same way
> Makes it easy to retrieve initial system settings

Simplified commissioning

The VRV configurator is an advanced software solution for easy system configuration and commissioning:

› Less time is required on the roof configuring the outdoor unit
› Multiple systems at different sites can be managed in exactly the same way, thus offering simplified commissioning for key accounts
› Initial settings on the outdoor unit can be easily retrieved

Simplified servicing

Outdoor unit display makes it quick and easy on-site to adjust settings, check basic functions and read out errors. The 7-segment indicator saves time via:

› Easy-to-read error report
› Indication of standard service parameters to quickly check basic functions
› Clear menu for quick and easy servicing on-site

Wide range of indoor system combinations

VRV can be combined with a wide range of stylish indoor units, including the award winning Daikin Emura and radiant warmth Nexura units.

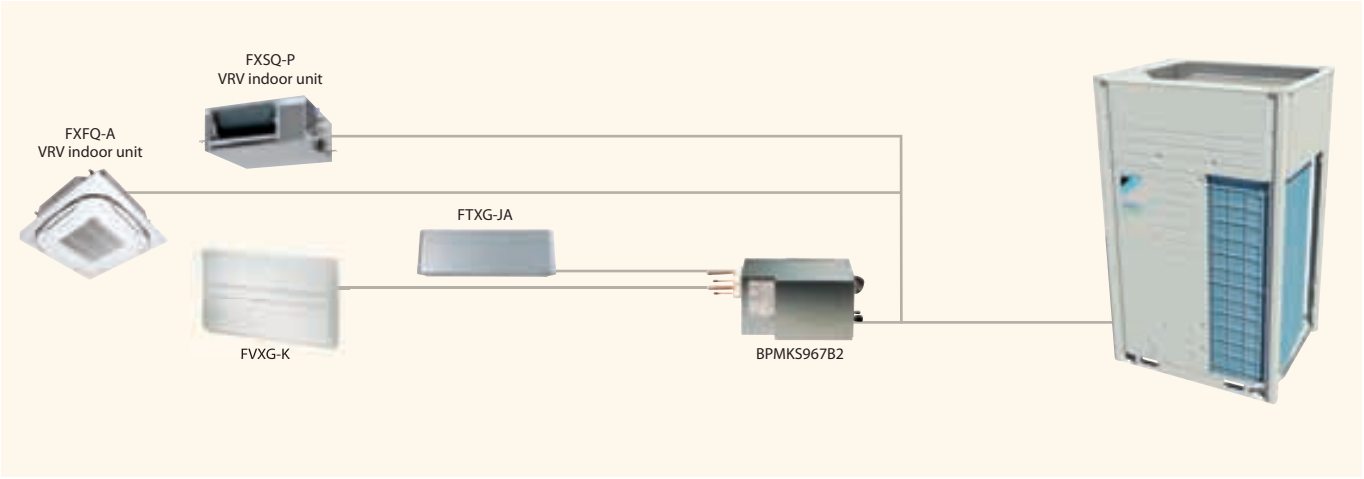
The system can also be designed to include a wide range of VAM ventilation units, Biddle air curtains and Air Handling Units up to a maximum of 64 indoor units in total. VRV can also be combined with low temperature hydroboxes, up to a maximum of 32 indoor units with up to 80% of the system being used to connect and control hydroboxes, thus providing an extremely energy efficient way to generate hot water via renewable energy.

Flexible piping design

VRV IV Heat Pump offers an extended piping length of 165m (190m equivalent piping length) with a total system piping length of 1,000m.

Better use of space

The small refrigerant pipes take up less space in shafts and ceilings leaving maximum space for commercial use of the space.



Connectable indoor units (from Split range)

	15 CLASS	20 CLASS	25 CLASS	35 CLASS	42 CLASS	50 CLASS	60 CLASS	71 CLASS
Daikin Emura – Wall mounted unit			FTXG25JW FTXG25JA	FTXG35JW FTXG35JA		FTXG50JW FTXG50JA		
Wall mounted unit	CTXS15K	FTXS20K	FTXS25K	FTXS35K CTXS35K	FTXS42K	FTXS50K	FTXS60G	FTXS71G
Nexura – Floor standing unit			FVXG25K	FVXG35K		FVXG50K		
Floor standing unit			FVXS25F	FVXS35F		FVXS50F		
Flexi type unit			FLXS25B	FLXS35B		FLXS50B	FLXS60B	

BPMKS box needed to connect Split indoors to VRV IV Heat Pump

Design considerations

- Restrictions apply when connecting hydroboxes, RA indoor units or Air Handling Units
- Whether the outdoor unit is located above or below the indoor units, the height difference between indoor and outdoor units is 90m*
- The level difference between the indoor units has been increased up to 30m
- After the first branch, the difference between the longest piping length and the shortest piping length is a maximum of 40m, as long as the longest piping length amounts to a maximum of 90m

* If not all conditions are met, the height difference can be lower.

Specifications

VRV IV Heat Pump with continuous heating: RYYQ-T*

OUTDOOR SYSTEM					RYYQ8T	RYYQ10T	RYYQ12T	RYYQ14T	RYYQ16T	RYYQ18T	RYYQ20T
Capacity range				HP	8	10	12	14	16	18	20
Cooling capacity	Nom.			kW	22.4	28.0	33.5	40.0	45.0	50.0	56.0
Heating capacity	Nom.			kW	25.0	31.5	37.5	45.0	50.0	56.0	63.0
Power input - 50Hz	Cooling	Nom.		kW	5.2	7.29	8.98	11.0	13.0	14.7	18.5
	Heating	Nom.		kW	5.5	7.38	9.10	11.2	12.8	14.4	17.0
EER					4.30	3.84	3.73	3.64	3.46	3.40	3.03
ESEER					7.53 [1]	7.20 [1]	6.96 [1]	6.83 [1]	6.50 [1]	6.38 [1]	5.67 [1]
COP					4.55	4.27	4.12	4.02	3.91	3.89	3.71
Maximum number of connectable indoor units					64 [2]						
Indoor index connection	Min.				100	125	150	175	200	225	250
	Nom.				200	250	300	350	400	450	500
	Max.				260	325	390	455	520	585	650
Dimensions	Unit	HxWxD		mm	1,685x930x765			1,685x1,240x765			
Weight	Unit			kg	261	268		364		398	
Sound power level	Cooling	Nom.		dBA	78	79	81		86		88
Sound pressure level	Cooling	Nom.		dBA	58		61		64	65	66
Operation range	Cooling	Min.~Max.		°CDB	-5~43						
	Heating	Min.~Max.		°CWB	-20~15.5						
Refrigerant	Type				R-410A						
Piping connections	Liquid	OD		mm	9.52		12.7			15.9	
	Gas	OD		mm	19.1	22.2	28.6				
	Piping length	OU - IU	Max.	m	165 [3]						
	Total piping length	System	Actual	m	1,000 [3]						
	Level difference	OU - IU		m	90 [3] Outdoor unit in highest position / 90 [3] Indoor unit in highest position						
Power supply	Phase/Frequency/Voltage			Hz/V	3N~/50/380-415						
Current - 50Hz	Maximum fuse amps (MFA)			A	20	25	32		40		50

(1) The AUTOMATIC ESEER value corresponds with normal VRV IV Heat Pump operation, taking into account advanced energy saving operation functionality (variable refrigerant temperature control operation) (2) Actual number of connectable indoor units depends on the indoor unit type (VRV indoor, Hydrobox, Split indoor, etc.) and the connection ratio restriction for the system (50% <= CR <= 130%) (3) Refer to technical specifications for more detail

OUTDOOR SYSTEM					RYYQ22T	RYYQ24T	RYYQ26T	RYYQ28T	RYYQ30T	RYYQ32T	RYYQ34T	RYYQ36T
System	Outdoor unit module 1				RYMQ10T	RYMQ8T	RYMQ12T	RYMQ12T	RYMQ12T	RYMQ16T	RYMQ16T	RYMQ16T
	Outdoor unit module 2				RYMQ12T	RYMQ16T	RYMQ14T	RYMQ16T	RYMQ18T	RYMQ16T	RYMQ18T	RYMQ20T
Capacity range				HP	22	24	26	28	30	32	34	36
Cooling capacity	Nom.			kW	61.5	67.4	73.5	78.5	83.5	90.0	95.0	101.0
Heating capacity	Nom.			kW	69.0	75.0	82.5	87.5	93.5	100.0	106.0	113.0
Power input - 50Hz	Cooling	Nom.		kW	16.3	18.2	20.0	22.0	23.7	26.0	27.7	31.5
	Heating	Nom.		kW	16.5	18.3	20.3	21.9	23.5	25.6	27.2	29.8
EER					3.77	3.70	3.68	3.57	3.52	3.46	3.43	3.21
ESEER					7.07 [1]	6.81 [1]	6.89 [1]	6.69 [1]	6.60 [1]	6.50 [1]	6.44 [1]	6.02 [1]
COP					4.18	4.10	4.06	4.00	3.98	3.91	3.90	3.79
Maximum number of connectable indoor units					64 [2]							
Piping connections	Liquid	OD		mm	15.9		19.1					
	Gas	OD		mm	28.6	34.9						41.3
	Piping length	OU - IU	Max.	m	165 [3]							
	Total piping length	System	Actual	m	1,000 [3]							
	Level difference	OU - IU		m	90 [3] Outdoor unit in highest position / 90 [3] Indoor unit in highest position							
Current - 50Hz	Maximum fuse amps (MFA)			A	63				80			

(1) The AUTOMATIC ESEER value corresponds with normal VRV IV Heat Pump operation, taking into account advanced energy saving operation functionality (variable refrigerant temperature control operation) (2) Actual number of connectable indoor units depends on the indoor unit type (VRV indoor, Hydrobox, Split indoor, etc.) and the connection ratio restriction for the system (50% <= CR <= 130%) (3) Refer to technical specifications for more detail

OUTDOOR SYSTEM					RYYQ38T	RYYQ40T	RYYQ42T	RYYQ44T	RYYQ46T	RYYQ48T	RYYQ50T	RYYQ52T	RYYQ54T
System	Outdoor unit module 1				RYMQ8T	RYMQ10T	RYMQ10T	RYMQ12T	RYMQ14T	RYMQ16T	RYMQ16T	RYMQ16T	RYMQ18T
	Outdoor unit module 2				RYMQ10T	RYMQ12T	RYMQ16T	RYMQ16T	RYMQ16T	RYMQ16T	RYMQ16T	RYMQ18T	RYMQ18T
	Outdoor unit module 3				RYMQ20T	RYMQ18T	RYMQ16T	RYMQ16T	RYMQ16T	RYMQ16T	RYMQ18T	RYMQ18T	RYMQ18T
Capacity range				HP	38	40	42	44	46	48	50	52	54
Cooling capacity	Nom.			kW	106.0	112.0	118.0	124.0	130.0	135.0	140.0	145.0	150.0
Heating capacity	Nom.			kW	120.0	125.0	132.0	138.0	145.0	150.0	156.0	162.0	168.0
Power input - 50Hz	Cooling	Nom.		kW	31.0		33.3	35.0	37.0	39.0	40.7	42.4	44.1
	Heating	Nom.		kW	29.9	30.9	33.0	34.7	36.8	38.4	40.0	41.6	43.2
EER					3.42	3.61	3.54		3.51	3.46	3.44	3.42	3.40
ESEER					6.36 [1]	6.74 [1]	6.65 [1]	6.62 [1]	6.60 [1]	6.50 [1]	6.46 [1]	6.42 [1]	6.38 [1]
COP					4.01	4.05	4.00	3.98	3.94	3.91	3.90	3.89	3.89
Maximum number of connectable indoor units					64 [2]								
Piping connections	Liquid	OD		mm	19.1								
	Gas	OD		mm	41.3								
	Piping length	OU - IU	Max.	m	165 [3]								
	Total piping length	System	Actual	m	1,000 [3]								
	Level difference	OU - IU		m	90 [3] Outdoor unit in highest position / 90 [3] Indoor unit in highest position								
Current - 50Hz	Maximum fuse amps (MFA)			A	100				125				

VRV Classic Heat Pump RXYCQ-A

The VRV Classic Heat Pump is ideal for projects with standard cooling and heating requirements and still allows you to control each zone individually, thus minimising VRV system running costs.

Indoor installation is also possible (as a result of high external static pressure of up to 78.4 Pa). This offers various benefits as it requires less piping length and therefore incurs lower installation costs.

Indoor installation can also deliver increased efficiency, while offering better visual aesthetics when there are constraints on outdoor areas.

- Connectable to all standard VRV indoor units, controls and ventilation
- Fits any building as indoor installation is also possible
- Spread your installation cost with a phased installation programme

VRV Classic

RXYCQ10-12A

OUTDOOR UNIT				*RXYCQ8A	*RXYCQ10A	*RXYCQ12A	*RXYCQ14A	*RXYCQ16A	*RXYCQ18A	*RXYCQ20A
Capacity range			HP	to be confirmed						
Cooling capacity	Nom.		kW	20.0	25.0	30.0	35.0	40.0	45.0	50.0
Heating capacity	Nom.		kW	22.4	28.0	33.6	37.5	44.8	50.4	56.0
Power input - 50Hz	Cooling	Nom.	kW	6.6	6.74	8.77	11.4	12.4	14.8	17.8
	Heating	Nom.	kW	5.8	6.83	8.43	9.16	11.4	13.2	15.6
EER				3.03	3.71	3.42	3.07	3.10	3.00	2.81
COP				3.86	4.00	3.90	3.85	3.80	3.65	3.50
Maximum number of connectable indoor units				to be confirmed						
Indoor index connection	Min.			100	125	150	175	200	225	250
	Nom.			200	250	300	350	400	450	500
	Max.			200	250	360	420	480	540	600
Dimensions	Unit	HxWxD	mm	1,680X635X765	1,680X930X765		1,680X1,240X765			
Weight	Unit		kg	to be confirmed						
Sound power level	Cooling	Nom.	dBA	to be confirmed						
Sound pressure level	Cooling	Nom.	dBA	58	59	61	61	64	65	66
Operation range	Cooling	Min.~Max	°CDB	-5~43						
	Heating	Min.~Max	°CWB	-20~15.5						
Refrigerant	Type			Refrigerant Type R-410A						
Piping connections	Liquid	OD	mm	9.52			12.7			15.9
	Gas	OD	mm	12.7	19.1	22.2	28.6			
	Piping length	max	m	135						
	Total piping length	system	m	300						
	Level difference	OU-IU	m	30 (Outdoor unit in highest position)						
Power supply	Phase/Frequency/Voltage		Hz/V	3~/50/380-415						

*Note: grey cells contain preliminary data

Mini Heat Pump VRV III-S RXYSQ-P8V1/Y1

Daikin's VRV III-S Heat Pump has an optimised design for small capacities. Its space saving design is slim and compact, requiring much less installation space than standard heat pumps.

With high COP values, a major feature of VRV III-S is its exceptional energy efficiency. The system achieves high COPs during both cooling and heating operation, thanks to the use of refined components and functions.

Advanced technologies

1 Super aero grille

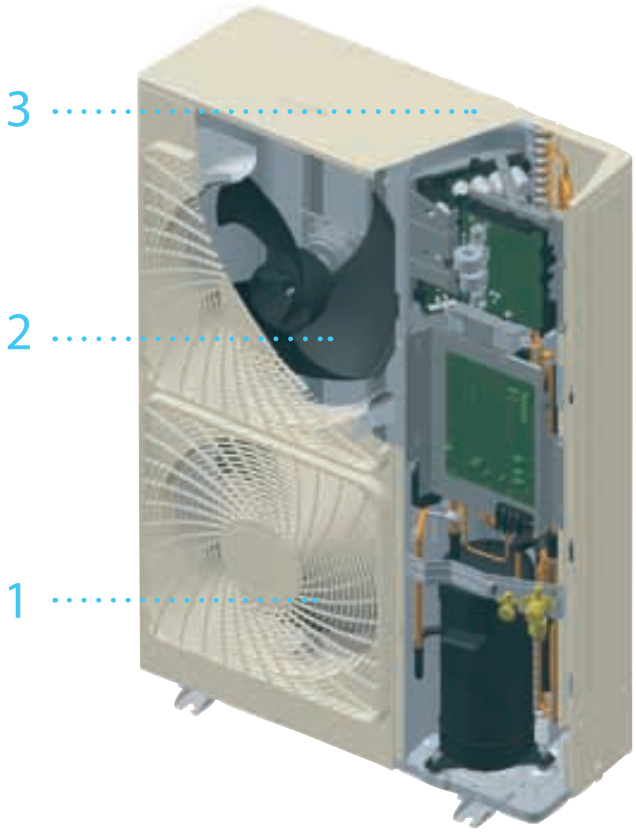
The spiral shaped ribs are aligned with the direction of discharge flow in order to minimise turbulence and reduce noise.

2 Smooth air inlet bell mouth and aero spiral fan

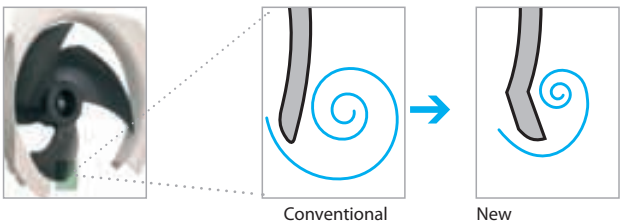
These features assist in significantly reducing noise. Guides are added to the bell mouth intake to reduce turbulence in the air flow generated by fan suction. The aero spiral fan features fan blades with bent blade edges, further reducing turbulence.

3 e-Bridge circuit

Prevents accumulation of liquid refrigerant in the condenser. This results in more efficient use of the condenser surface under all conditions and leads in turn to better energy efficiency. Increased evaporative capacity stems from the newly developed refrigeration circuit, the SCe-bridge circuit, which adds super cooling prior to the expansion cycle. By adopting this circuit, the COPs in both cooling and heating have been drastically improved.



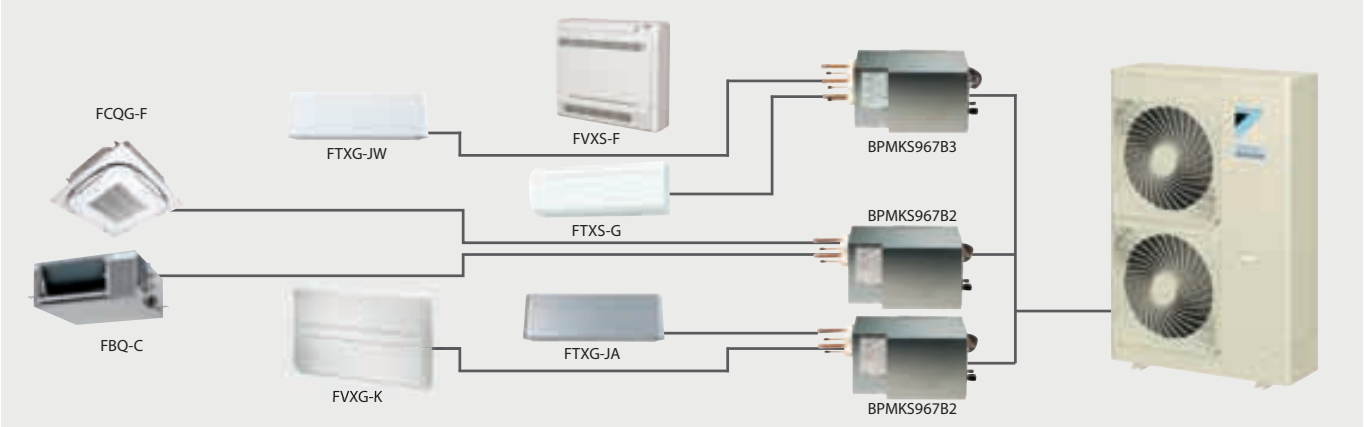
Aero spiral fan blade tips

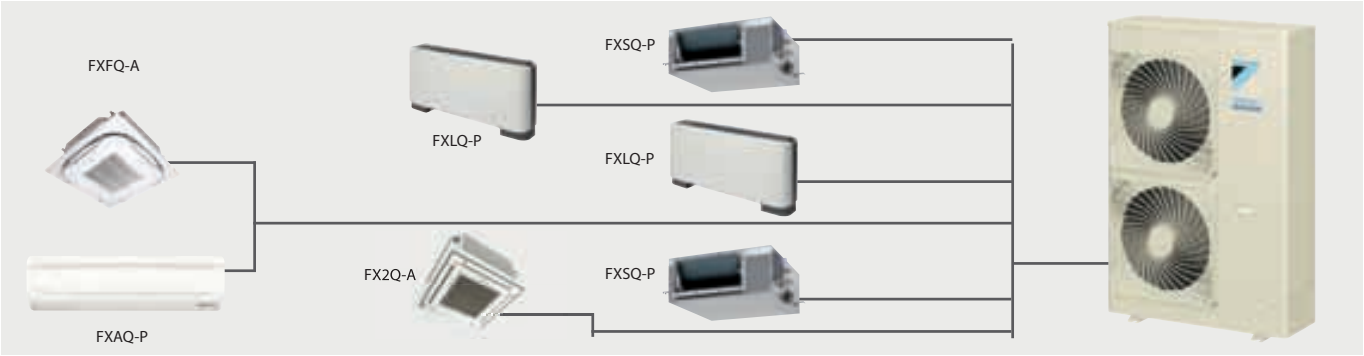


Escaping edges are sucked in by the bent blade edges, reducing overall turbulence.

Wide range of indoor units

Either connect VRV indoor units or stylish indoor units such as Daikin Emura and Nexura...





* VRV indoor units and stylish indoor units cannot be combined.

CONNECTABLE INDOOR UNITS

Capacity

	Type	Model	Product name		15	20	25	35	42	50	60	71
	CEILING MOUNTED CASSETTE	Round flow cassette (incl. autoclean function[2])	FCQG-F					■		■	■	
new	CEILING MOUNTED CASSETTE	Fully flat cassette	FFQ-C				■	■		■	■	
	CONCEALED CEILING	Small concealed ceiling unit	FDBQ-B				■					
	CONCEALED CEILING	Slim concealed ceiling unit	FDXS-F				■	■		■	■	
	CONCEALED CEILING	Concealed ceiling unit with inverter driven fan	FBQ-C					■		■	■	
	WALL MOUNTED	Daikin Emura Wall mounted unit	FTXG-JA/JW				■	■		■		
new	WALL MOUNTED	Wall mounted unit	CTXS-K FTXS-K		■	■	■	■	■	■		
	WALL MOUNTED	Wall mounted unit	FTXS-G								■	■
new	CEILING SUSPENDED	Ceiling suspended unit	FHQ-C					■		■	■	
	FLOOR STANDING	Nexura floor standing unit	FVXG-K				■	■		■		
	FLOOR STANDING	Floor standing unit	FVXS-F				■	■		■		
	FLOOR STANDING	Flexi type unit	FLXS-B				■	■		■	■	

1 Decoration panel BYCQ140CG + BRC1E51A needed

Specifications

VRV III-S Heat Pump - single phase (P8V1), three phase (P8Y1)

OUTDOOR UNIT					RXYSQ4P8V1	RXYSQ5P8V1	RXYSQ6P8V1	RXYSQ4P8Y1	RXYSQ5P8Y1	RXYSQ6P8Y1
Capacity range				HP	4	5	6	4	5	6
Cooling capacity	Nom.			kW	12.6 (1)	14.0 (1)	15.5 (1)	12.6 (1)	14.0 (1)	15.5 (1)
Heating capacity	Nom.			kW	14.2 (2)	16.0 (2)	18.0 (2)	14.2 (2)	16.0 (2)	18.0 (2)
Power input - 50Hz	Cooling	Nom.		kW	3.24	3.51	4.53	3.33	3.61	4.66
	Heating	Nom.		kW	3.12	3.86	4.57	3.21	3.97	4.70
EER					3.89	3.99	3.42	3.78	3.88	3.33
COP					4.55	4.15	3.94	4.42	4.03	3.83
Maximum number of connectable indoor units					8 (6) / 8 (7)	10 (6) / 9 (7)	12 (6) / 9 (7)	8 (6) / 8 (7)	10 (6) / 9 (7)	12 (6) / 9 (7)
Indoor index connection	Min.				50	62.5	70	50	62.5	70
	Nom.				100	125	140	100	125	140
	Max.				130	162.5	182	130	162.5	182
Dimensions	Unit	HeightxWidthxDepth		mm	1,345x900x320					
Weight	Unit			kg	120					
Fan	Type				Propeller fan					
	Air flow rate	Cooling	Nom.	m^3/min	106					
		Heating	Nom.	m^3/min	102	105		102	105	
Sound power level	Cooling	Nom.		dBA	66	67	69	66	67	69
Sound pressure level	Cooling	Nom.		dBA	50	51	53	50	51	53
	Heating	Nom.		dBA	52	53	55	52	53	55
Compressor	Type				Hermetically sealed scroll compressor					
Operation range	Cooling	Min.~Max.		°CDB	-5~46					
	Heating	Min.~Max.		°CWB	-20~15.5					
Refrigerant	Type				R-410A					
	Charge			kg	4.0					
	Control				Expansion valve					
	Circuits	Quantity			1					
Refrigerant oil	Type				Daphne FVC68D					
	Charged volume			l	1.5					
Piping connections	Liquid	Type			Flare connection					
		OD		mm	9.52					
	Gas	Type			Flare connection (VRV) / Braze connection (RA)		Braze connection	Flare connection (VRV) / Braze connection (RA)		Braze connection
		OD		mm	15.9 (6) / 19.1 (7)	15.9 (6) / 19.1 (7)	19.1	15.9 (6) / 19.1 (7)	15.9 (6) / 19.1 (7)	19.1
	Drain	OD		mm	26x3					
	Piping length	OU - BP	Total	m	55 (7)					
		BP - IU	Max./Total	m	15 (7)/60 (7)	15 (7)/80 (7)	15 (7)/90 (7)	15 (7)/60 (7)	15 (7)/80 (7)	15 (7)/90 (7)
	Total piping length	System	Actual	m	300 (6) / 115 (7)	300 (6) / 135 (7)	300 (6) / 145 (7)	300 (6) / 115 (7)	300 (6) / 135 (7)	300 (6) / 145 (7)
Power supply	Phase/Frequency/Voltage			Hz/V	1N~/50/220-240			3N~/50/380-415		
Current - 50Hz	Maximum fuse amps (MFA)			A	32.0			16.0		

(1) Cooling: indoor temp. 27°CDB, 19.0°CWB; outdoor temp. 35°CDB; equivalent piping length: 5m; level difference: 0m (2) Heating: indoor temp. 20°CDB; outdoor temp. 7°CDB, 6°CWB; equivalent refrigerant piping: 5m; level difference: 0m (3) In case VRV® indoor units are connected (4) In case RA indoors are connected (5) MFA is used to select the circuit breaker and the ground fault circuit interrupter (earth leakage circuit breaker). (6) EN/IEC 61000-3-12: European/international technical standard setting the limits for harmonic currents produced by equipment connected to public low-voltage system with input current > 16A and ≤ 75A per phase

Water cooled VRV RWEYQ-P

Water cooled VRV uses water as its heat source. Because the system is water cooled, the outdoor air temperature does not affect its heating capacity. In addition, water cooling means no defrost operation is required, and the resultant rapid start-up time assures quick and comfortable heating, even in cold environments.

Ideal for large buildings

Water cooled VRV is optimal for large buildings, including tall, multi-storey buildings, because the system can tolerate water pressure of up to 1.96 MPa.

Flexible refrigerant circuits

Considerable flexibility is available within the refrigerant circuit. Up to 120m actual piping length and 50m* height difference (if the VRV-W outdoor unit is above the indoor units) can exist between the VRV-W outdoor units and indoor units. What's more, water piping does not intrude on occupied spaces, so there are no leakage problems.

* 40m if the VRV-W outdoor unit is below the indoor units.

Space saving configuration

Water cooled VRV has the industry's most compact and lightweight design, thanks to a new water heat exchanger and optimisation of the refrigerant control circuit. The unit weight of 149kg* and height of 1m means that installation is easy and stacked configuration is also possible, contributing to further space savings.

* for 8HP unit

High sensible mode

The high sensible mode on the VRV outdoor units optimises the performance of the units for the European climate, offering the following benefits:

- Higher energy efficiency: as no energy is wasted on unnecessary dehumidification, the system works more efficiently in cooling mode
- Improved end-user comfort: thanks to the higher evaporation temperature, the discharge temperature of the indoor units will also be increased in cooling mode, providing improved comfort levels

Wide operation range

Standard water cooled outdoor units have a wide operation range of between 10°C and 45°C inlet water temperature, both in heating and cooling. For the geothermal series, the operation range is extended even more, down to -10°C* in heating and 6°C in cooling mode.

* Ethylene glycol should be added to the water when the water inlet temperature is below 5°C

Water cooled VRV Heat Recovery

VRV-W benefits from a 2-stage heat recovery facility, which enables simultaneous heating and cooling within the refrigerant system.

First stage heat recovery

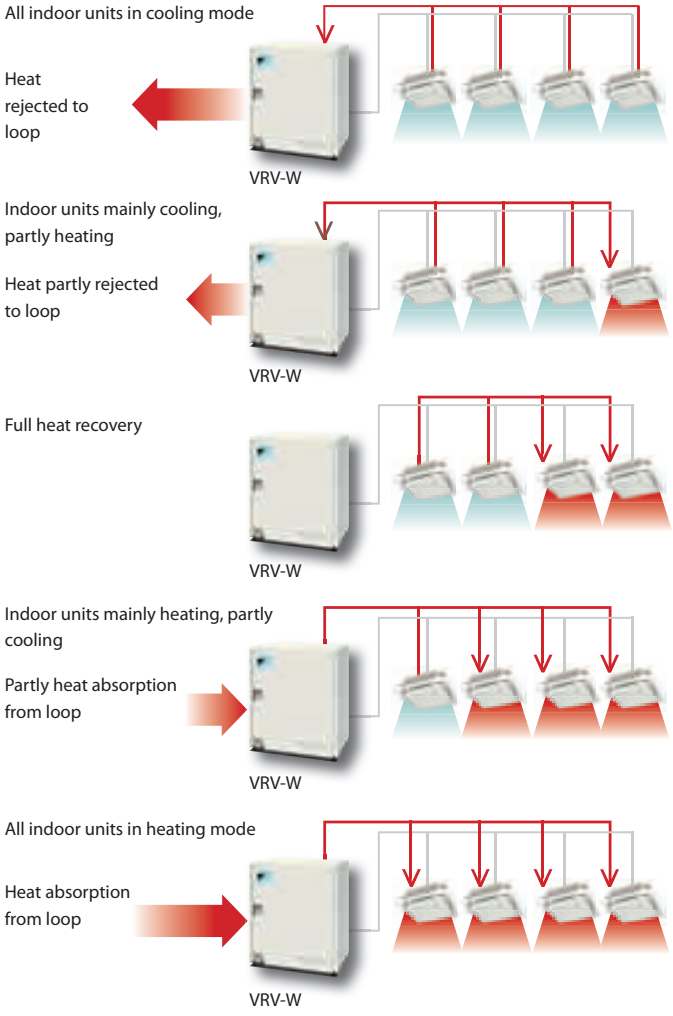
The first stage only applies to heat recovery units transferring heat from cooling indoor units to areas requiring heating. This maximises energy efficiency and reduces electricity costs.

Second stage heat recovery

Heat recovery is also available on heat pump units, in which the second stage is achieved within the water loop between the water cooled outdoor units. In addition, heat recovery occurs between the water-cooled outdoor units connected to the same loop and these systems exchange heat via the water.

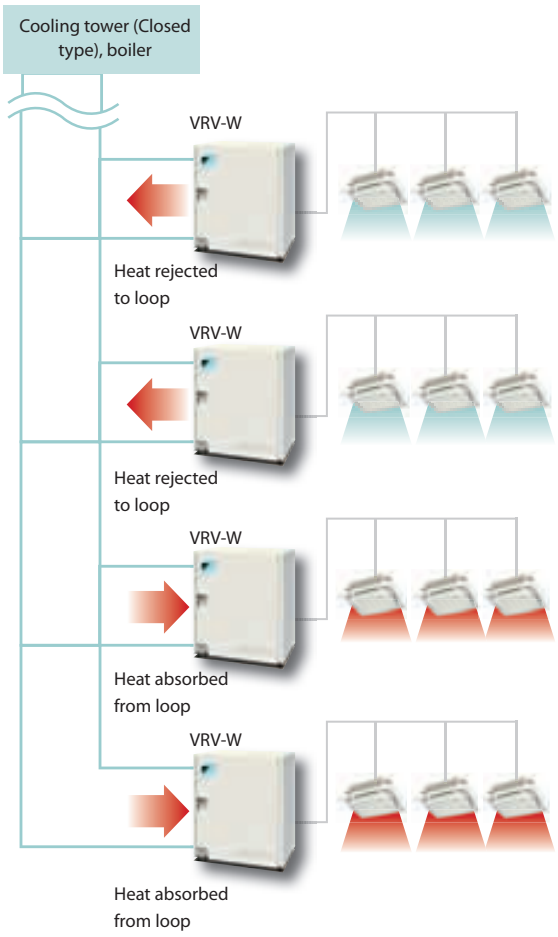
This two-stage heat recovery substantially improves energy efficiency. It is therefore the perfect solution for modern office buildings where some areas may require cooling, even in winter, depending on the amount of sunshine and number of individuals in the building.

Heat recovery between indoor units



Heat recovery between outdoor units

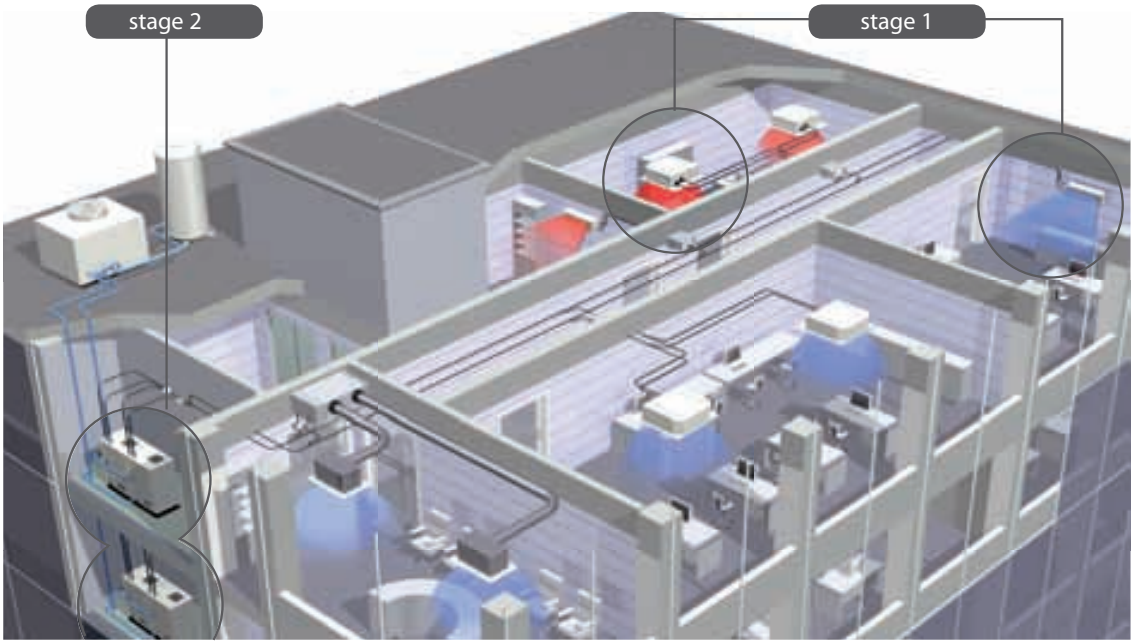
(Heat recovery and heat pump)



* Above system configurations are for illustration purposes only.

Specifications

VRV-W Standard series - Heat Recovery - Heat Pump



OUTDOOR UNIT					RWEYQ8P	RWEYQ10P	RWEYQ16P	RWEYQ18P	RWEYQ20P	RWEYQ24P	RWEYQ26P	RWEYQ28P	RWEYQ30P
System	Outdoor unit module 1				RWEYQ8P	RWEYQ10P	RWEYQ8P	RWEYQ10P		RWEYQ8P	RWEYQ10P		
	Outdoor unit module 2				-	-	RWEYQ8P		RWEYQ10P	RWEYQ8P		RWEYQ10P	
	Outdoor unit module 3				-	-	-			RWEYQ8P			RWEYQ10P
Capacity range				HP	8	10	16	18	20	24	26	28	30
Cooling capacity	Nom.			kW	22.4 [1]	26.7 [1]	44.8 [1]	49.1 [1]	53.4 [1]	67.2 [1]	71.5 [1]	75.8 [1]	80.1 [1]
Heating capacity	Nom.			kW	25.0 [2]	31.5 [2]	50.0 [2]	56.5 [2]	63.0 [2]	75.0 [2]	81.5 [2]	88.0 [2]	94.5 [2]
Power input - 50Hz	Cooling	Nom.		kW	4.55	6.03	9.10	10.6	12.1	13.7	15.1	16.6	18.1
	Heating	Nom.		kW	4.24	6.05	8.48	10.3	12.1	12.7	14.5	16.3	18.2
EER					4.89	4.14	4.92	4.63	4.41	4.91	4.74	4.57	4.43
COP					5.81	5.08	5.87	5.48	5.21	5.91	5.62	5.40	5.19
Maximum number of connectable indoor units					17	21	34	36					
Indoor index connection	Min.				100	125	200	225	250	300	325	350	375
	Nom.				200	250	400	450	500	600	650	700	750
	Max.				260	325	520	585	650	780	845	910	975
Dimensions	Unit	HeightxWidthxDepth		mm	1,000x780x550		-						
Weight	Unit			kg	149	150	-						
Heat exchanger	Type				Stainless steel plate		-						
Sound pressure level	Cooling	Nom.		dBA	50	51	53	54		55			56
Compressor	Type				Hermetically sealed scroll compressor		-						
Operation range	Inlet water temperature	Cooling	Min.~Max.	°CDB	10~45		-						
		Heating	Min.~Max.	°CWB	10~45		-						
Refrigerant	Type				R-410A		-						
	Charge			kg	3.5	4.2	-						
	Control				Electronic expansion valve		-						
Refrigerant oil	Type				Synthetic (ether) oil		-						
Piping connections	Liquid	Type			Flare connection								
		OD		mm	9.52		12.7	15.9		19.1			
	Gas	Type			Braze connection								
		OD		mm	19.1 [3]	22.2 [3]	28.6 [3]			34.9 [3]			
	Discharge gas	Type			Braze connection								
		OD		mm	15.9 [4] / 19.1 [5]	19.1 [4] / 22.2 [5]	22.2 [4] / 28.6 [5]			28.6 [4] / 34.9 [5]			
	Piping length	OU - IU	Max.	m	120								
		After branch	Max.	m	90 [15]								
	Total piping length	System	Actual	m	300								
	Level difference	OU - IU	Outdoor unit in highest position/Indoor unit in highest position	m	50/40								
		IU - IU	Max.	m	15								
Power supply	Phase/Frequency/Voltage			Hz/V	3~/50/380-415		-						
Current - 50Hz	Maximum fuse amps (MFA)			A	25		35			45			

(1) Cooling: indoor temp. 27°CDB, 19°CWB; Inlet water temperature: 30°C; equivalent refrigerant piping: 7.5m; level difference: 0m. (2) Heating: indoor temp. 20°CDB; inlet water temperature: 20°C; equivalent piping length: 7.5m; level difference: 0m (3) In case of heat pump system, gas pipe is not used (4) In case of heat recovery system (5) In case of heat pump system (6) This unit should not be installed outdoors, but indoors e.g. in a machine room. (7) Hold ambient temperature at 0-40°C and humidity at 80%RH or less. Heat rejection from the casing: 0.64kW/8HP (8) Select wire size based on the larger value of MCA or TOCA (9) Hold ambient temperature at 0-40°C and humidity at 80%RH or less. Heat rejection from the casing: 0.71kW/10HP

Geothermal series
RWEYQ-PR

Geothermal VRV uses ground water as a renewable energy source to deliver superior efficiency. The temperature of ground water, lakes and rivers remains relatively constant all year round. This means Daikin's water-cooled system maintains superior efficiency - even in the most extreme outdoor temperatures when the efficiency of air-cooled systems goes down.

VRV-W - Geothermal series - Heat Pump - Heat Recovery

OUTDOOR UNIT					RWEYQ8PR	RWEYQ10PR
Capacity range				HP	8	10
Cooling capacity	Nom.			kW	22.4 [1]	26.1 [1]
Heating capacity	Nom.			kW	25.0 [2]	31.5 [2]
Power input - 50Hz	Cooling	Nom.		kW	4.58	6.30
	Heating	Nom.		kW	4.30	6.20
EER					4.89	4.14
COP					5.81	5.08
Maximum number of connectable indoor units					17	21
Indoor index connection	Min.				100	125
	Nom.				200	250
	Max.				200	250
Dimensions	Unit	HeightxWidthxDepth		mm	1,000x780x550	
Weight	Unit			kg	149	150
Heat exchanger	Type				Stainless steel plate	
Sound pressure level	Cooling	Nom.		dBA	50	51
Compressor	Type				Hermetically sealed scroll compressor	
Operation range	Inlet water temperature	Cooling	Min.~Max.	°CDB	6~45	
		Heating	Min.~Max.	°CWB	-10~45	
Refrigerant	Type				R-410A	
	Charge			kg	3.5	4.2
	Control				Electronic expansion valve	
Refrigerant oil	Type				Synthetic (ether) oil	
Piping connections	Liquid	Type			Flare connection	
		OD		mm	9.52	
	Gas	Type			Braze connection	
		OD		mm	19.1 [3]	22.2 [3]
	Discharge gas	Type			Braze connection	
		OD		mm	15.9 [4] / 19.1 [5]	19.1 [4] / 22.2 [5]
	Piping length	OU - IU	Max.	m	120	
		After branch	Max.	m	90 (15)	
	Total piping length	System	Actual	m	300	
	Level difference	OU - IU	Outdoor unit in highest position/ Indoor unit in highest position	m	50/40	
		IU - IU	Max.	m	15	
Power supply	Phase/Frequency/Voltage			Hz/V	3~/50/380-415	
Current - 50Hz	Maximum fuse amps (MFA)			A	25	

(1) Cooling: indoor temp. 27°CDB, 19°CWB; Inlet water temperature: 30°C; equivalent refrigerant piping: 7.5m; level difference: 0m. (2) Heating: indoor temp. 20°CDB; inlet water temperature: 20°C; equivalent piping length: 7.5m; level difference: 0m (3) In case of heat pump system, gas pipe is not used (4) In case of heat recovery system (5) In case of heat pump system (6) This unit should not be installed outdoors, but indoors e.g. in a machine room. (7) Hold ambient temperature at 0-40°C and humidity at 80%RH or less. Heat rejection from the casing: 0.64kW/8HP (8) Select wire size based on the larger value of MCA or TOCA

Controls

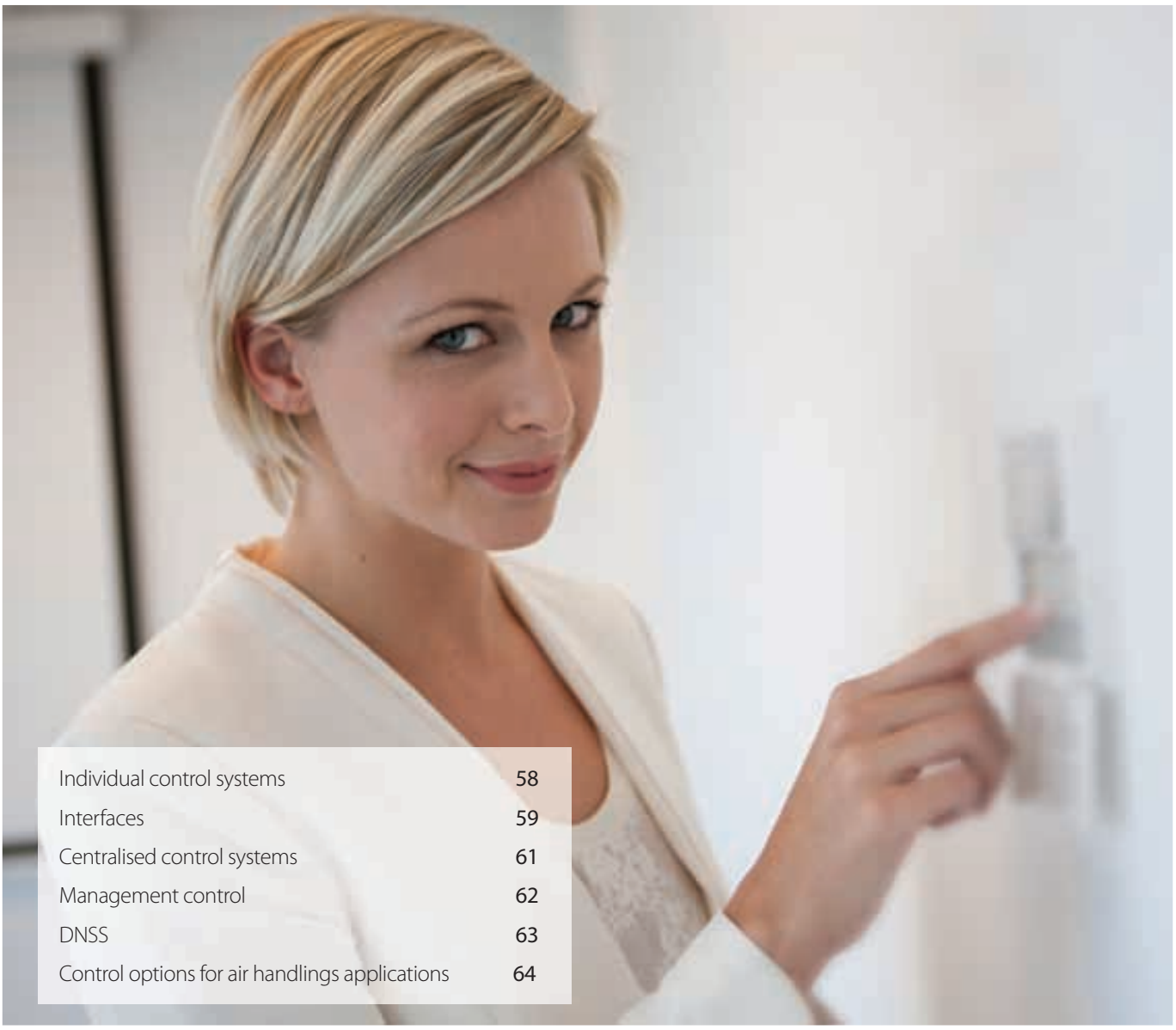
Any air conditioning system will only operate as efficiently as its control system allows. The importance of precise, user-friendly equipment is as relevant to simple residential room temperature controls as it is to full remote monitoring and regulation of large scale commercial buildings.

To keep pace with the technical advances of modern air conditioning and meet the urgent need to achieve higher energy efficiencies and manage fuel costs, Daikin invests heavily in the research and production of similarly advanced and comprehensive methods of control.

In buildings with multiple air conditioning units that operate for long hours, system efficiency is of paramount importance in reducing energy consumption.

Maximising efficiency demands maximum control of all aspects of system operation including round the clock monitoring, preventative maintenance and fault predictive analysis, plus rapid response in the event of malfunctions.

Daikin manufactures and markets many state-of-the-art computerised control systems that offer building owners, landlords and tenants comprehensive system cover, backed up by vital data on operational performance and running costs.



Individual control systems

A series of energy saving functions can be individually selected:

- Temperature range limit
- Setback function
- Presence & floor sensor connection (available on new round flow cassette)
- kWh indication
- Set temperature auto reset
- Off timer

Temperature range limit avoids excessive heating or cooling

Save energy by restricting the lower temperature limit in cooling and upper temperature limit in heating mode.
Note : Also available in auto cooling/heating change over mode.

kWh indication keeps track of your consumption

The kWh indication shows an indicative electricity consumption over the last day/month/year.

Other functions

- Up to 3 independent schedules can be set, so the user can easily change the schedule throughout the year (e.g. Summer, winter, mid-season)
- Ability to restrict individual menu functions
- Easy to use: all main functions directly accessible
- Easy setup: clear graphical user interface for advanced menu settings
- Real time clock with auto update to daylight saving time
- Supports multiple languages (English, German, Dutch, Spanish, Italian, Portuguese, French, Greek, Russian, Turkish, Polish)
- Built-in backup power: when a power failure occurs all settings remain stored up to 48 hours

BRC1E52B

BRC4*/BRC7*

BRC2C51

BRC1E52B

Wired remote control

- Easy to use: all main functions directly accessible
- Energy saving functions: set temperature auto reset, set temperature range limit
- Easy setup: improved graphical user interface for advanced menu settings
- Real time clock with auto update to daylight saving time
- Schedule timer with holiday setting, improved weekly timer and home leave operation
- Supports multiple languages (English, German, Dutch, Spanish, Italian, Portuguese, French, Greek, Russian, Turkish)
- Automatically displays installer contact in event of a malfunction

BRC4*/BRC7*

Infrared remote control

- Operation buttons: ON/OFF, timer mode start /stop, timer mode on/off, programme time, temperature setting, air flow direction (1), operating mode, fan speed control, filter sign reset (2), inspection (2)/test indication (2)
- Display: operating mode, battery change, set temperature, air flow direction (1), programmed time, fan speed, inspection/test operation (2)

1. Not applicable for FXDQ, FXSQ, FXNQ, FBDQ, FDXS, FBQ
2. For FX** units only
3. For all features of the remote control, refer to the operation manual

BRC2C51

Simplified remote control

- Simple, compact and easy to operate unit, suitable for use in hotel bedrooms
- Operation buttons: ON/OFF, operating mode selection, fan speed control, temperature setting
- Display: Cool/heat changeover control, Heat Recovery Ventilation (HRV) in operation, set temperature, operating mode, centralised control indication, fan speed, defrost/hot start, malfunction adjustment, operating mode selection, fan speed control, filter sign reset, inspection test/operation

Interfaces

The following interfaces enable the integration of RA, Sky Air, VRV, Daikin Altherma Flex and Air Handling Units in building management systems (BMS) or home automation systems.

RTD-RA

- Modbus interface for monitoring and control of residential indoor units

RTD-NET

- Modbus interface for monitoring and control of Sky Air, VRV, VAM and VKM
- Duty/standby function for server rooms

RTD-10

Advanced integration into BMS of Sky Air, VRV, VAM and VKM through either:

- Modbus
- Voltage (0-10V)
- Resistance

RTD-20

- Advanced integration of Sky Air, VRV, VAM/VKM and air curtains
- Clone or independent zone control
- CO_2 sensor for VAM fresh air control
- Save on running costs via
  - pre/post and trade mode
  - set point limitation
  - overall shut down
  - PIR sensor for adaptive deadband

RTD-HO

- Modbus interface for monitoring and control of Sky Air, VRV, VAM and VKM
- Intelligent hotel room controller

RTD-W

- Modbus interface for monitoring and control of Daikin Altherma Flex Type, VRV HT hydrobox and chillers

BACnet Interface

Integrated control system for seamless connection between VRV, Applied Systems and BMS systems

- Interface for BMS system
- Communication via BACnet protocol (connection via Ethernet)
- Unlimited sitesize
- Easy and fast installation
- PPD data is available on BMS system (only for VRV)

LonWorks Interface

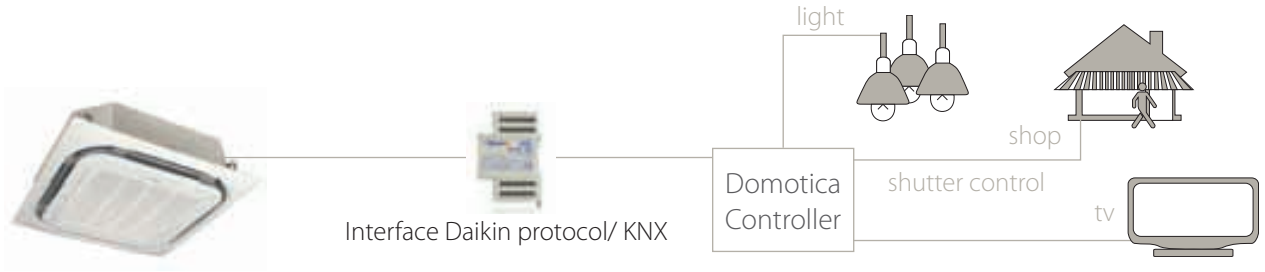
Open network integration of VRV monitoring and control functions into LonWorks networks

- Interface for Lon connection to LonWorks networks
- Communication via Lon protocol (twisted pair wire)
- Unlimited site size
- Quick and easy installation

Integration of Split, Sky Air and VRV in HA/BMS systems

Connect Sky Air / VRV indoor units to KNX interface for BMS integration

Concept



KNX INTERFACE LINE-UP

One particularly important feature is the ability to programme a 'scenario', in which the end-user selects a range of commands to be executed simultaneously once the scenario is selected. For instance, a 'Finish Work' scenario might include switching off the air conditioning and lights, closing the shutters and switching on the alarm.

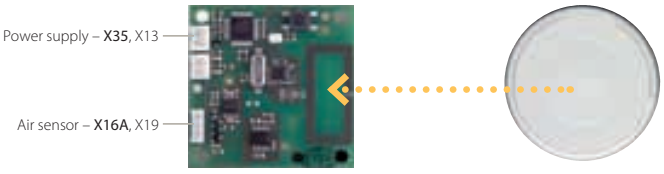
KNX INTERFACE FOR

	 KLIC-DD Size 90x60x35mm	 KLIC-DI Size 45x45x15mm	
	Split	Sky Air	VRV
BASIC CONTROL			
ON/OFF	✓	✓	✓
Mode	Auto, heat, dry, fan, cool	Auto, heat, dry, fan, cool	Auto, heat, dry, fan, cool
Temperature	✓	✓	✓
Fan speed levels	3 or 5 + auto	2 or 3	2 or 3
Swing	Stop or movement	Stop or movement	Swing or fixed positions (5)
ADVANCED FUNCTIONALITIES			
Error management	Communication errors, Daikin unit errors		
Scenes	✓	✓	✓
Auto switch off	✓	✓	✓
Temperature limitation	✓	✓	✓
Initial configuration	✓	✓	✓
Master and slave configuration		✓	✓

Wireless room temperature sensor - K.RSS

- Flexible and easy installation
- Accurate temperature measurement thanks to flexible placement of the sensor
- No need for wiring
- No need to drill holes
- Ideal for refurbishment

CONNECTION DIAGRAM Daikin indoor unit PCB **(FXSQ-P example)**



SPECIFICATIONS

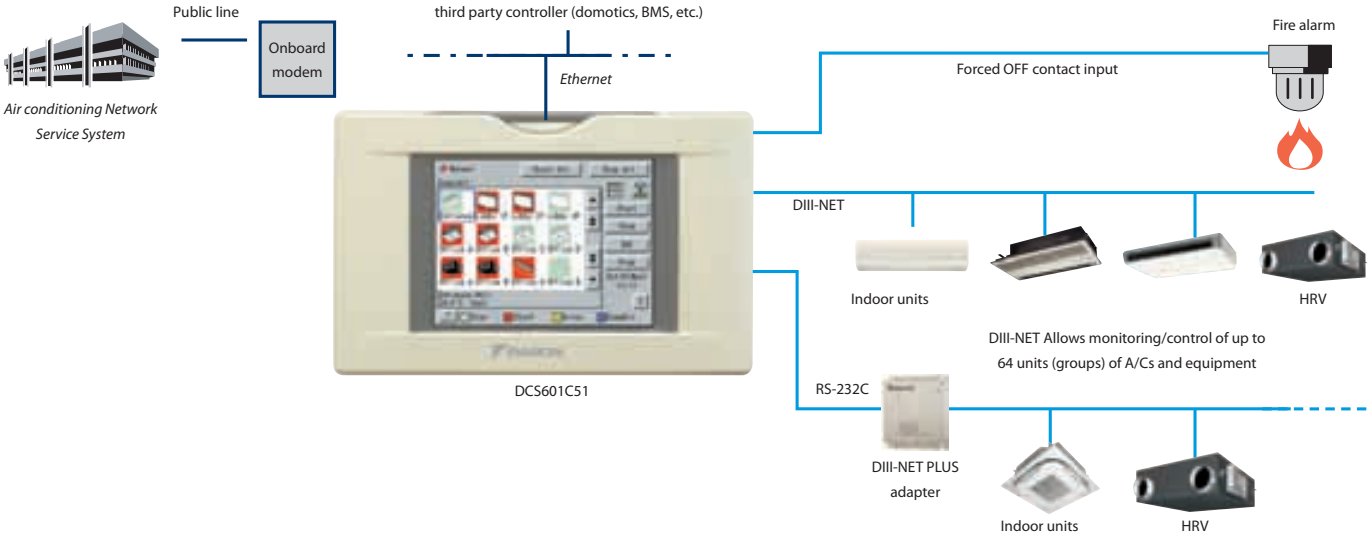
			WIRELESS ROOM TEMPERATURE SENSOR KIT (K.RSS)	
			WIRELESS ROOM TEMPERATURE RECEIVER	WIRELESS ROOM TEMPERATURE SENSOR
Dimensions		mm	50 x 50	ø 75
Weight		g	40	60
Power supply			16VDC, max. 20 mA	N/A
Battery life			N/A	+/- 3 years
Battery type			N/A	3 Volt Lithium battery
Maximum range		m	10	
Operation range		°C	0~50	
Communication	Type		RF	
	Frequency	MHz	868.3	

› Room temperature is sent to the indoor unit every 90 seconds or if the temperature difference is 0.2°C or larger.
› For latest information, please visit bit.ly/K.RSS

Centralised control systems

intelligent touch Controller

Detailed and easy monitoring and operation of VRV systems
(max. 2 X 64 groups/indoor units)



System layout

- Up to 2 x 64 indoor units can be controlled
- Touch panel (full colour LCD via icon display)

Management

- Easy management of electricity consumption
- Enhanced history function

Control

- Individual control (set point, start/stop, fan speed) (max. 2 x 64 groups/indoor units)
- Set back schedule
- Enhanced scheduling function (8 schedules, 17 patterns)
- Flexible grouping in zones
- Yearly schedule
- Fire emergency stop control
- Interlocking control
- Increased HRV monitoring and control function
- Automatic cooling/heating change-over
- Heating optimisation
- Temperature limit
- Password security: 3 levels (general, administration and service)
- Quick selection and full control
- Simple navigation

Monitoring

- Visualisation via Graphical User Interface (GUI)
- Icon colour display change function
- Indoor units operation mode
- Indication filter replacement

Cost performance

- Free cooling function
- Labour saving
- Easy installation
- Compact design: limited installation space
- Overall energy saving

Open interface

- Communication to any third party controller (domotics, BMS, etc.) is possible via open interface (http option)

Connectable to

- VRV
- HRV
- Sky Air (via interface adapter)
- Split (via interface adapter)

Management control

intelligent Manager

User friendliness

- Intuitive user interface
- Visual layout view and direct access to indoor unit main functions
- All functions directly accessible via touch screen or web interface

Smart energy management

Smart energy management tools monitor if energy use is according to plan and help detect origins of energy waste, thus maximising efficiency.

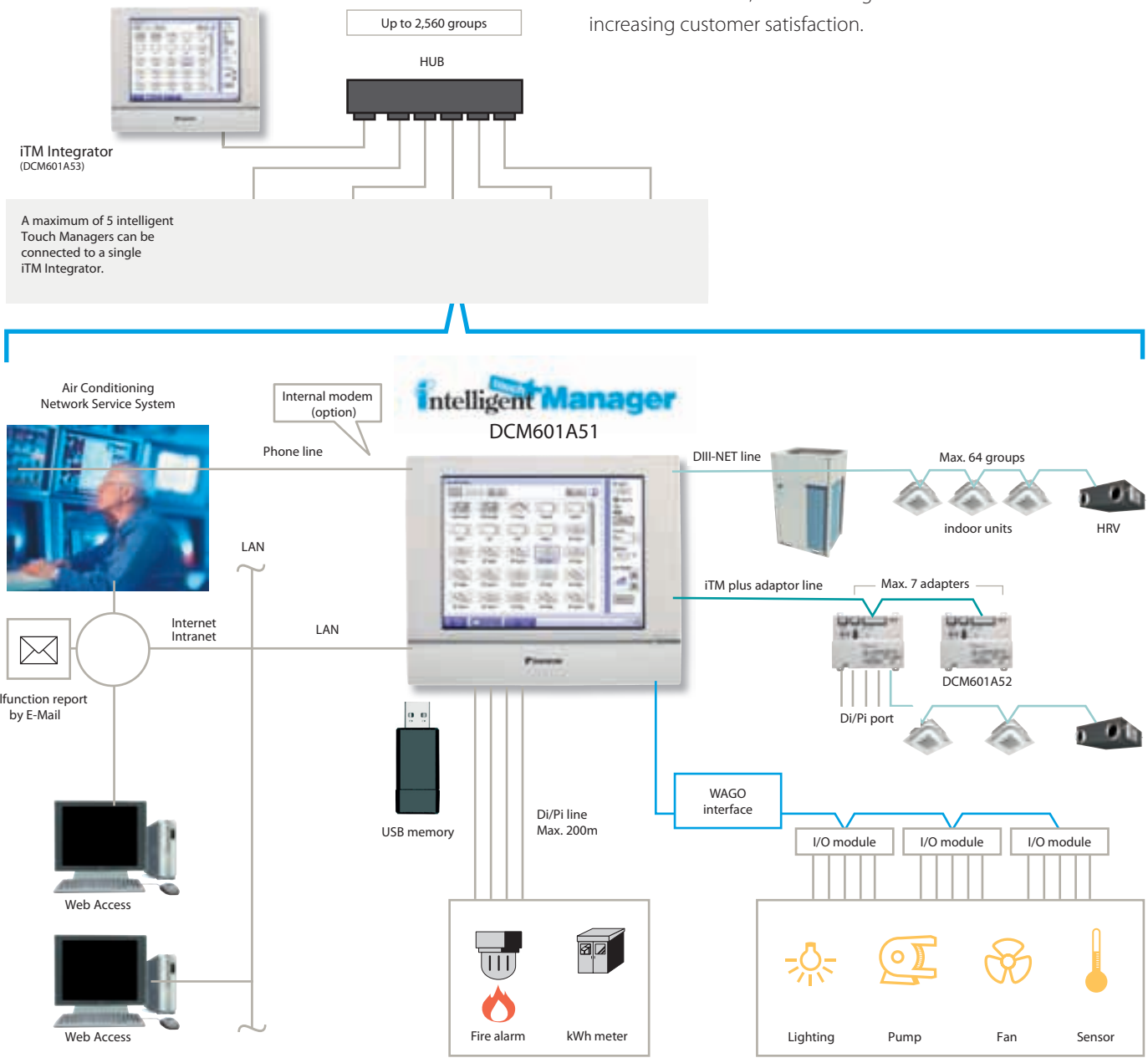
Flexibility

Modular design for use in small to large applications - from simple A/C controls to small BMS control of lighting pumps.

Easy servicing and commissioning

Perform the refrigerant containment check remotely when it is most convenient, thus avoiding need for on-site visit while increasing customer satisfaction.

System overview



Daikin network service system (DNSS)

The challenge for technical managers is to safeguard the long term optimal operation of an air conditioning system, without incurring huge costs along the way.

The Daikin Network Service System (DNSS) operates via an internet connection between the air conditioning system and Daikin's Remote Monitoring Centre.

Expert service engineers monitor the operating status of the entire system non-stop all through the year.

The DNSS monitoring service prevents troubles and prolongs the life of your equipment, by enabling you to predict faults and make technical decisions based on accurate data analysis.

This innovative solution helps you to minimise equipment down time and control cost without sacrificing comfort levels.

DNSS is also supported by the optional DNSS energy saving service, which enables you to optimise energy efficiency.

DNSS MONITORING SERVICE + DNSS ENERGY SAVING SERVICE

Comfort maintained

1 Data transmission

Air conditioners's running information and other necessary data are collected and compiled, and sent to the centre. Advance failure forecasts and monitoring data for accidental problems are transmitted.

OPTION:

energy-saving control determination

Operating information is analysed, and the optimum energy-saving control settings are calculated according to weather data for the region.

Weather information

2 Daikin Remote Monitoring Centre

Daikin's control implemented

Information to customers, service company

3 Data analysis & system monitoring

Reporting data is reviewed and system is monitored 24/7 for any occurances.

Energy-saving Report
Maintenance Report
Malfunction and prediction call

* A contract with Daikin is necessary for applying Energy-saving Air conditioning Network Service System. If you would like an estimation, please contact us.

Control options for air handling applications

In order to maximise installation flexibility, 3 types of control systems are offered

Possibility X (Td/Tr control):

Air temperature control via an external DDC controller (field supplied)

Room temperature is controlled as a function of the air handling unit suction or discharge air (customer selection). The DDC controller translates the temperature difference between set point and air suction temperature (or air discharge temperature or room temperature) into a reference voltage (0-10V) which is transferred to the Daikin control box (EKEQFCBA). This reference voltage will be used as the main input value for the compressor frequency control.

Possibility Y (Te/Tc control):

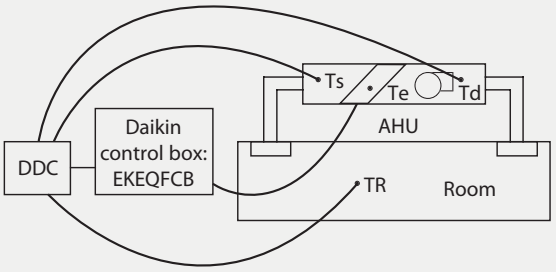
By fixed evaporating temperature

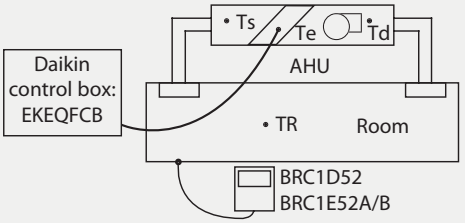
A fixed target evaporating temperature of between 3°C and 8°C can be set by the customer. In this case, room temperature is only indirectly controlled. The cooling load is determined from the actual evaporating temperature (i.e. load to the heat exchanger). A Daikin wired remote controller (BRC1D52 or BRC1E52A/B - optional) can be connected for error indication.

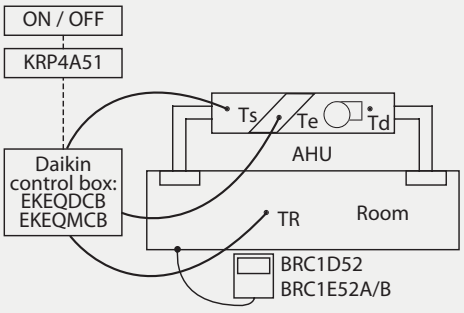
Possibility Z (Td/Tr control):

Using Daikin wired remote controller (BRC1D52 or BRC1E51A/B - optional)

Set point can be fixed via standard Daikin wired remote controller. Remote ON/OFF can be achieved by an optional adapter KRP4A51. No external DDC controller should be connected. The cooling load is determined from the air suction temperature and set point on the Daikin controller.







Ts = Air suction temperature
Td = Air discharge temperature
Tr = Room temperature
Te = Evaporating temperature
AHU = Air Handling Unit
DDC = Digital Display Controller

	OPTION KIT	FEATURES
Possibility x	EKEQFCB	Field supplied DDC controller is required Temperature control using air suction or air discharge temperature
Possibility y		Using fixed evaporating temperature, no set point can be set using remote controller
Possibility z	EKEQDCB EKFQMCB*	Using Daikin wired remote controller BRC1D52 or BRC1E52A/B Temperature control using air suction temperature

* EKEQMCB (for 'multi' application)

Indoor units

As many as 64 separate indoor units can be operated from the single refrigerant circuit of a 54 HP VRV heat pump system.

The Daikin VRV indoor unit range is one of the widest on the market, offering **no less than 26 stylish and elegant models in 116 different variants** - all designed to maximise comfort, minimise operating noise and simplify installation and servicing. Options include ceiling mounted cassettes, concealed ceiling, ceiling suspended, wall mounted and floor standing models.

The Roundflow cassette now includes an optional auto cleaning filter, which automatically cleans itself daily, leading to yearly energy savings of up to 50%. Dust from the filter is collected in the unit for removal simply by vacuum cleaning.

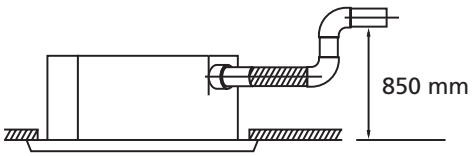
Designed to fit rooms of any size and shape, Daikin indoor units are also user friendly, ultra reliable, easy to control and quiet in operation.

From January 2013, all indoor units will have to comply with the Ecodesign legislation on fans. As a market leader, Daikin has ensured that all indoors units comply with this legislation by adopting DC fans in all indoor units, improving their energy efficiency even further.

FXFQ-A

Round flow cassette

- Daikin has introduced the first auto cleaning cassette to the European market
- The round flow cassette provides a more comfortable environment and offers greater savings in energy consumption, thanks to daily auto cleaning of the filter
- 360° air discharge ensures uniform air flow and temperature distribution
- Modern decoration panel is available in 3 different variations: pure white (RAL9010) auto cleaning panel, pure white (RAL9010) standard panel with grey louvers and pure white (RAL9010) standard panel with white louvers
- Easy dust removal using vacuum cleaner, without opening the unit, saves on maintenance costs
- The presence sensor (optional) adjusts the set point if no one is detected in the room. It also automatically directs air flow away from people to avoid draughts
- The floor sensor (optional) detects the average floor temperature and ensures even temperature distribution between ceiling and floor
- Individual flap control: one or more flaps can be easily closed via the wired remote controller (BRC1E52A/B) when refurbishing or rearranging the interior
- Low energy consumption thanks to specially developed small tube heat exchanger, DC fan motor and drain pump
- Fresh air intake: up to 20 %
- Low installation height: 214mm for class 20-63
- Standard drain pump with 850mm lift



FXFQ20-63A BRC1E52A/B BRC7A532F

INDOOR UNIT				FXFQ20A	FXFQ25A	FXFQ32A	FXFQ40A	FXFQ50A	FXFQ63A	FXFQ80A	FXFQ100A	FXFQ125A
Cooling capacity	Nom.		kW	2.2	2.8	3.6	4.5	5.6	7.1	9.0	11.2	14.0
Heating capacity	Nom.		kW	2.5	3.2	4.0	5.0	6.3	8.0	10.0	12.5	16.0
Power input - 50Hz	Cooling	Nom.	kW	0.038				0.053	0.061	0.092	0.115	0.186
	Heating	Nom.	kW	0.038				0.053	0.061	0.092	0.115	0.186
Dimensions	Unit	HeightxWidthxDepth	mm	204x840x840						246x840x840		288x840x840
Weight	Unit		kg	19			20	21		24		26
Decoration panel	Model			BYCQ140D7W1								
	Colour			Pure White (RAL 9010)								
	Dimensions	HeightxWidthxDepth	mm	60x950x950								
	Weight		kg	5.4								
Decoration panel 2	Model			BYCQ140D7W1W								
	Colour			Pure White (RAL 9010)								
	Dimensions	HeightxWidthxDepth	mm	60x950x950								
	Weight		kg	5.4								
Decoration panel 3	Model			BYCQ140D7GW1								
	Colour			Pure White (RAL 9010)								
	Dimensions	HeightxWidthxDepth	mm	145x950x950								
	Weight		kg	10.3								
Fan-Air flow rate - 50Hz	Cooling	High/Nom./Low	m^3/min	12.5/10.6/8.8			13.6/11.6/9.5	15.0/12.8/10.5	16.5/13.5/10.5	22.8/17.6/12.4	26.5/19.5/12.4	33.0/26.5/19.9
	Heating	High/Nom./Low	m^3/min	12.5/10.6/8.8			13.6/11.6/9.5	15.0/12.8/10.5	16.5/13.5/10.5	22.8/17.6/12.4	26.5/19.5/12.4	33.0/26.5/19.9
Sound power level	Cooling	High/Nom.	dBA	49/-			51/-		53/-	55/-	60/-	61/-
Sound pressure level	Cooling	High/Nom./Low	dBA	31/29/28			33/31/29		35/33/30	38/34/30	43/37/30	45/41/36
	Heating	High/Nom./Low	dBA	31/29/28			33/31/29		35/33/30	38/34/30	43/37/30	45/41/36
Refrigerant	Type			R-410A								
Piping connections	Liquid/OD/Gas/OD/Drain		mm	6.35/12.7/VP25 (O.D. 32 / I.D. 25)					9.52/15.9/VP25 (O.D. 32 / I.D. 25)			
Power supply	Phase/Frequency/Voltage		Hz/V	1~/50/60/220-240/220								
Current - 50Hz	Maximum fuse amps (MFA)		A	16								

BYCQ140D7W1 = pure white panel with grey louvers , BYCQ140D7W1W = pure white standard panel with white louvers, BYCQ140D7GW1 = Pure white auto cleaning panel
The BYCQ140D7W1W has white insulations. Be informed that formations of dirt on white insulation is visibly stronger & that it is consequently not advised to install the decoration panel in environments exposed to concentrations of dirt.

Fully flat cassette

Designed to be different

Unique in the market, the fully flat cassette is a remarkable blend of iconic design and engineering excellence, with an elegant matt crystal white or a silver and matt crystal white finish.

Fitting flush within the ceiling modules and fully flat with the ceiling itself, the cassette is both stylish and unobtrusive.

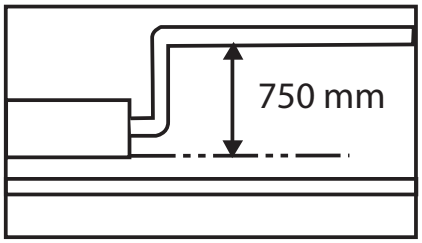
Superb efficiency and comfort is delivered through the combined use of floor and presence sensors and, when necessary, the individual flap control via the wired remote controller makes it simple to close one or more flaps.

FXZQ-A

Fully flat cassette

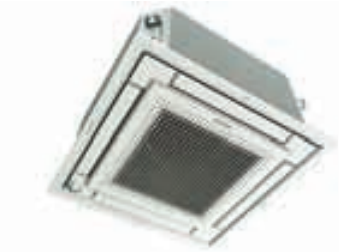
AVAILABLE MAY 2013

- Unique design in the market: integrates fully flat into the ceiling and fits flush into architectural ceiling modules
- 15 class unit especially developed for small or well-insulated rooms, such as hotel bedrooms and small offices
- The presence sensor (optional) adjusts the set point if no one is detected in the room. It also automatically directs air flow away from people to avoid draughts
- The floor sensor (optional) detects the average floor temperature and ensures even temperature distribution between ceiling and floor
- Individual flap control: one or more flaps can be easily closed via the wired remote controller (BRC1E52A/B) when refurbishing or rearranging the interior
- Low energy consumption thanks to a specially developed small tube heat exchanger, DC fan motor and drain pump
- Fresh air intake for a healthier environment (optional)
- Standard drain pump with 750mm lift



- Modern decoration panel is available in 3 different variations:
  - pure white (RAL9010) fully flat panel with silver louvers
  - pure white (RAL9010) fully flat panel with white louvers
  - pure white (RAL9010) standard panel with white louvers

BRC1E52A/B BRC7F530W/S



FXZQ-A (matt crystal white panel)

FXZQ-A (silver and matt crystal white panel)

INDOOR UNIT				*FXZQ15A	*FXZQ20A	*FXZQ25A	*FXZQ32A	*FXZQ40A	*FXZQ50A
Cooling capacity	Nom.		kW	1.7	2.2	2.8	3.6	4.5	5.6
Heating capacity	Nom.		kW	1.9	2.5	3.2	4.0	5.0	6.3
Power input - 50Hz	Cooling	Nom.	kW	to be confirmed					
	Heating	Nom.	kW	to be confirmed					
Dimensions	Unit	HeightxWidthxDepth	mm	260x575x575					
Weight	Unit		kg	17.5			18		
Decoration panel	Model			BYFQ60CW					
	Colour			Fresh white (N9.5)					
	Dimensions	HeightxWidthxDepth	mm	46x620x620					
Decoration panel 2	Model			BYFQ60CS					
	Colour			Fresh white (N9.5) + Silver (B471)					
	Dimensions	HeightxWidthxDepth	mm	46x620x620					
Decoration panel 3	Model			BYFQ60B2					
	Colour			Pure White (RAL 9010)					
	Dimensions	HeightxWidthxDepth	mm	55x700x700					
Fan-Air flow rate - 50Hz	Cooling	High/Nom./Low	m^3/min	8.5/7.5/6.5	8.7/7.5/6.5	9/8/6.5	10/8.5/7	11.5/9.5/8	14.5/12.5/10
Sound power level	Cooling	Nom.	dBA	49	49	50	51	54	60
Sound pressure level	Cooling	High/Nom./Low	dBA	32.5/28/25.5	32/29.5/25.5	30/29/25	33.5/30/26	37/32/28	43/40/33
Refrigerant	Type			R-410A					
Piping connections	Liquid/OD/Gas/OD/Drain		mm	6.35/12.7/	6.35/12.7/	6.35/12.7/	6.35/12.7/	6.35/12.7/	6.35/12.7/
Power supply	Phase/Frequency/Voltage		Hz/V	1~ / 50/60 / 220-240/220					
Current - 50Hz	Maximum fuse amps (MFA)		A	to be confirmed					

BYFQ60CW = panel in matt crystal white, BYFQ60CS = panel in a combination of silver and matt crystal white, BYFQ60B2 = standard panel

*Note: grey cells contain preliminary data

FXCQ-A

2-way blow ceiling mounted cassette

- Low energy consumption thanks to a specially developed small tube heat exchanger, DC fan motor and drain pump
- Stylish unit blends easily with any interior, as the flaps close entirely when not in operation
- Improved comfort thanks to automatic adjustment of air flow to required load
- Individual flap control: one or more flaps can be easily closed via the wired remote controller (BRC1E52A/B) when refurbishing or rearranging the interior
- Easy to install: depth of all units is 620mm
- Maintenance operations can be performed by removing the front panel
- Standard drain pump with 500mm lift

FXCQ20-40A

BRC1E52A/B BRC7CA52

INDOOR UNIT				*FXCQ20A	*FXCQ25A	*FXCQ32A	*FXCQ40A	*FXCQ50A	*FXCQ63A	*FXCQ80A	*FXCQ125A
Cooling capacity	Nom.		kW	2.2	2.8	3.6	4.5	5.6	7.1	9.0	14.0
Heating capacity	Nom.		kW	2.5	3.2	4.0	5.0	6.3	8.0	10.0	16.0
Power input - 50Hz	Cooling	Nom.	kW	0.031	0.039	0.039	0.041	0.059	0.063	0.090	0.149
	Heating	Nom.	kW	0.028	0.035	0.035	0.037	0.056	0.060	0.086	0.146
Dimensions	Unit	HeightxWidthxDepth	mm	305x775x620				305x990x620		305x1,445x620	
Required ceiling void >			mm	355							
Weight	Unit		kg	19				22	25	33	38
Decoration panel	Model			BYBCQ40HW1				BYBCQ63HW1		BYBCQ125HW1	
	Colour			Fresh white (6.5Y 9.5/0.5)							
	Dimensions	HeightxWidthxDepth	mm	55x1,070x700				55x1,285x700		55x1,740x700	
	Weight		kg	10				11		13	
Fan-Air flow rate - 50Hz	Cooling	High/Nom./Low	m^3/min	10.5/9/7.5	11.5/9.5/8		12/10.5/8.5	15/13/10.5	16/14/11.5	26/22.5/18.5	32/27.5/22.5
	Heating	High/Nom./Low	m^3/min	10.5/9/7.5	11.5/9.5/8		12/10.5/8.5	15/13/10.5	16/14/11.5	26/22.5/18.5	32/27.5/22.5
Sound power level	Cooling	Nom.	dBA	to be confirmed							
Sound pressure level	Cooling	High/Nom./Low	dBA	32/30/28	34/31/29	34/32/30	36/33/31	37/35/31	39/37/32	42/38/33	46/42/38
	Heating	High/Nom./Low	dBA	32/30/28	34/31/29	34/32/30	36/33/31	37/35/31	39/37/32	42/38/33	46/42/38
Refrigerant	Type			R-410A							
Piping connections	Liquid/OD/Gas/OD/Drain		mm	6.35/12.70/VP25 (O.D. 32 / I.D. 25)					9.52/15.90/VP25 (O.D. 32 / I.D. 25)		
Power supply	Phase/Frequency/Voltage		Hz/V	1~/50/220-240							
Current - 50Hz	Maximum fuse amps (MFA)		A	to be confirmed							

*Note: grey cells contain preliminary data

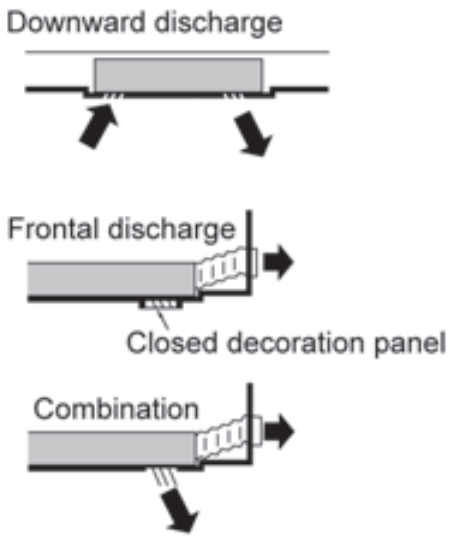
FXKQ-MA

Ceiling mounted corner cassette

- Compact dimensions: can be mounted easily in a narrow ceiling void (only 220mm of ceiling space required, or 195mm with a panel spacer, available as an accessory)
- Optimum air flow conditions are created, either by downward air discharge, frontal air discharge (via optional grille) or a combination of both
- Standard drain pump with 500mm lift

FXKQ-MA

BRC1E52A/B BRC4C61



INDOOR UNIT				FXKQ25MA	FXKQ32MA	FXKQ40MA	FXKQ63MA
Cooling capacity	Nom.		kW	2.8	3.6	4.5	7.10
Heating capacity	Nom.		kW	3.2	4.0	5.0	8.00
Power input - 50Hz	Cooling	Nom.	kW	0.066		0.076	0.105
	Heating	Nom.	kW	0.046		0.056	0.085
Dimensions	Unit	HeightxWidthxDepth	mm	215x1,110x710			215x1,310x710
Weight	Unit		kg	31			34
Decoration panel	Model			BYK45FJW1			BYK71FJW1
	Colour			White			
	Dimensions	HeightxWidthxDepth	mm	70x1,240x800			70x1,440x800
	Weight		kg	8.5			9.5
Fan-Air flow rate - 50Hz	Cooling	High/Low	m^3/min	11/9		13/10	18/15
Sound power level	Cooling	Nom.	dBA	-			
Sound pressure level	Cooling	High/Low	dBA	38.0/33.0		40.0/34.0	42.0/37.0
Refrigerant	Type			R-410A			
Piping connections	Liquid/OD/Gas/OD/Drain		mm	6.35/12.7/VP25 (O.D. 32 / I.D. 25)			9.52/15.9/VP25 (O.D. 32 / I.D. 25)
Power supply	Phase/Frequency/Voltage		Hz/V	1~/50/60/220-240/220			
Current - 50Hz	Maximum fuse amps (MFA)		A	15			

FXDQ-M9

Small concealed ceiling cassette

- Designed for hotel bedrooms
- Compact dimensions (230mm high and 652mm deep), can be mounted easily in a ceiling void
- Blends unobtrusively with any interior décor: only the suction and discharge grilles are visible
- The air suction direction can be altered from rear to bottom suction
- For easy mounting, the drain pan can be located to the left or right of the unit

FXDQ-M9

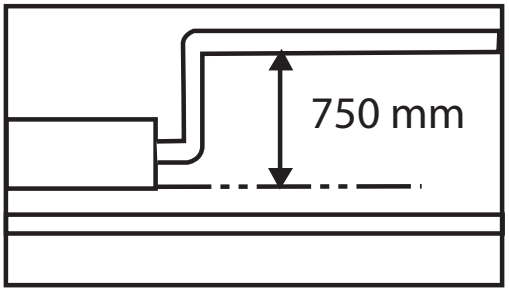
BRC1E52A/B BRC4C62

INDOOR UNIT				FXDQ20M9	FXDQ25M9
Cooling capacity	Nom.		kW	2.2	2.8
Heating capacity	Nom.		kW	2.5	3.2
Power input - 50Hz	Cooling	Nom.	kW	0.050	
	Heating	Nom.	kW	0.050	
Casing Colour				Unpainted	
Dimensions	Unit	HeightxWidthxDepth	mm	230x502x652	
Required ceiling void >			mm	250	
Weight	Unit		kg	17	
Fan-Air flow rate - 50Hz	Cooling	High/Low	m^3/min	6.7/5.2	7.4/5.8
	Heating	High/Low	m^3/min	6.7/5.2	7.4/5.8
Sound power level	Cooling	Nom.	dBA	50	
Sound pressure level	Cooling	High/Low	dBA	37/32	
	Heating	High/Low	dBA	37/32	
Refrigerant	Type			R-410A	
Piping connections	Liquid/OD/Gas/OD/Drain		mm	6.35/12.7/I.D. 21.6, O.D. 27.2	
Power supply	Phase/Frequency/Voltage		Hz/V	1~/50/230	
Current - 50Hz	Maximum fuse amps (MFA)		A	16	

FXDQ-A

Slim concealed ceiling unit

- Compact dimensions: can be mounted easily in a ceiling void of only 240mm
- Blends unobtrusively with any interior décor: only the suction and discharge grilles are visible
- 15 class unit especially developed for small or well insulated rooms, such as hotel bedrooms and small offices
- Low energy consumption thanks to DC fan motor
- Medium external static pressure means unit can be used with flexible ducts of varying lengths
- Standard drain pump with 750mm lift



FXDQ15-32A

BRC1E52A/B BRC4C65

Indoor unit				*FXDQ15A	*FXDQ20A	*FXDQ25A	*FXDQ32A	*FXDQ40A	*FXDQ50A	*FXDQ63A
Cooling capacity	Nom.		kW	1.7	2.2	2.8	3.6	4.5	5.6	7.1
Heating capacity	Nom.		kW	1.9	2.5	3.2	4.0	5.0	6.3	8.0
Power input - 50Hz	Cooling	Nom.	kW	to be confirmed						
	Heating	Nom.	kW	to be confirmed						
Dimensions	Unit	HeightxWidthxDepth	mm	200x700x620				200x900x620		
Weight	Unit		kg	31				35	36	40
Fan-Air flow rate - 50Hz	Cooling	High/Low	m^3/min	to be confirmed						
Sound power level	Cooling	Nom.	dBA	50	51			52	53	54
Sound pressure level	Cooling	High/Low	dBA	to be confirmed						
	Heating	High/Nom./Low	dBA	32/31/29	33/31/29			34/32/30	35/33/31	36/34/32
Refrigerant	Type			R-410A						
Piping connections	Liquid/OD/Gas/OD/Drain		mm	6.35/12.7/						9.52/15.90/
Power supply	Phase/Frequency/Voltage		Hz/V	1~/50/220-240						
Current - 50Hz	Maximum fuse amps (MFA)		A	to be confirmed						

*Note: grey cells contain preliminary data

FXSQ-P

Concealed ceiling unit - medium static pressure

The FXSQ-P concealed ceiling unit reduces energy consumption by 20%, compared with the FXSQ-M8 series, thanks to the use of a new DC fan.

The FXSQ-P concealed ceiling unit features 3-step airflow control, which offers improved comfort. The unit is ideal for shops and medium sized offices, because it can be used with ducts of varying lengths.

FXSQ20-32P

BRC1E52A/B BRC4C65

Easy to use controller

The new wired controller (BRC1E52A/B) allows easy navigation through menu items, via a personalised display and minimal buttons. A 7-day schedule timer enables users to programme the air conditioning daily or weekly, with up to five different actions per day possible.

Versatile solution for many systems

› Allows multi-tenant applications (option PCB required)
› Up to 120 Pa external static pressure facilitates use with flexible lengths of ducts

Easy installation

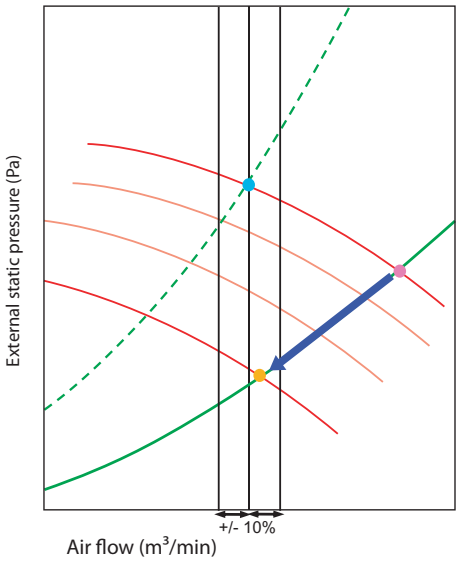
› Air flow is adjusted automatically towards the nominal air flow rate
› Drain-up pump with 624mm lift fitted as standard

Flexible airflow options

› 3-step airflow control
› ESP can be changed via wired remote control, to optimise the supply air volume

Installing and commissioning the system

› The installer calculates the total duct resistance to determine the required ESP
› During testing, the unit will automatically select the correct fan curve for the nominal air flow rate
› Thanks to the high number of fan curves available, adjustments to duct work can be avoided, for quicker installation



FXSQ-P-Medium static pressure

INDOOR UNIT				FXSQ20P	FXSQ25P	FXSQ32P	FXSQ40P	FXSQ50P	FXSQ63P	FXSQ80P	FXSQ100P	FXSQ125P	FXSQ140P
Cooling capacity	Nom.		kW	2.2	2.8	3.6	4.5	5.6	7.1	9.0	11.2	14.0	16.0
Heating capacity	Nom.		kW	2.5	3.2	4.0	5.0	6.3	8.0	10.0	12.5	16.0	18.0
Power input - 50Hz	Cooling	Nom.	kW	0.041		0.044	0.097		0.074	0.118	0.117	0.185	0.261
	Heating	Nom.	kW	0.029		0.032	0.085		0.062	0.106	0.105	0.173	0.249
Casing Colour				Unpainted									
Dimensions	Unit	HeightxWidthxDepth	mm	300x550x700			300x700x700		300x1,000x700		300x1,400x700		
Required ceiling void >			mm	350									
Weight	Unit		kg	23			26		35		46		47
Decoration panel	Model			BYBS32DJW1			BYBS45DJW1		BYBS71DJW1		BYBS125DJW1		
	Colour			White (10Y9/0.5)									
	Dimensions	HeightxWidthxDepth	mm	55x650x500			55x800x500		55x1,100x500		55x1,500x500		
	Weight		kg	3.0			3.5		4.5		6.5		
Fan-Air flow rate - 50Hz	Cooling	High/Low	m^3/min	9/6.5		9.5/7	16/11		19.5/16	25/20	32/23	39/28	46/32
	Heating	High/Low	m^3/min	9/6.5		9.5/7	16/11		19.5/16	25/20	32/23	39/28	46/32
Fan-External static pressure - 50Hz	High/Nom.		Pa	70/30			100/30			100/40	120/40	120/50	140/50
Sound power level	Cooling	Nom.	dBA	55		56	63		59	63	61	66	67
Sound pressure level	Cooling	High/Low	dBA	32/26		33/27	37/29		37/30	38/32		40/33	42/34
	Heating	High/Low	dBA	32/26		33/27	37/29		37/30	38/32		40/33	42/34
Refrigerant	Type			R-410A									
Piping connections	Liquid/OD/Gas/OD/Drain		mm	6.35/12.7/VP25 (O.D. 32 / I.D. 25)					9.52/15.9/VP25 (O.D. 32 / I.D. 25)				
Power supply	Phase/Frequency/Voltage		Hz/V	1~/50/60/220-240/220									
Current - 50Hz	Maximum fuse amps (MFA)		A	16									

FXMQ-P7

Concealed ceiling unit - high static pressure

The FXMQ-P7 concealed ceiling unit is a compact unit that can be used for many applications, delivering improved comfort thanks to 3-step airflow control.

With a DC fan motor, the FXMQ-P7 concealed ceiling unit reduces energy consumption significantly, so it's an efficient choice for many kinds of commercial buildings.

Easy to use controller

The new wired controller (BRC1E52A/B) allows easy navigation through menu items, via a personalised display and minimal buttons. A 7-day schedule timer enables users to programme the air conditioning daily or weekly, with up to five different actions per day possible.

FXMQ20-32P7

Versatile solution for many systems

- Allows multi-tenant applications (option PCB required)
- Compact height of 300mm, allows installation in narrow ceiling voids
- Up to 200 Pa external static pressure allows extensive ductwork runs and flexible application
- Built-in drain pump with 700mm lift fitted as standard

Flexible airflow options

- 3-step airflow control
- External Static Pressure (ESP) can be changed via wired remote control, allowing optimisation of the supply air volume (changeable in 13 or 14 stages)
- The air suction direction can be from bottom or rear
- Standard air filter

FXMQ-P7-High static pressure

INDOOR UNIT				FXMQ20P7	FXMQ25P7	FXMQ32P7	FXMQ40P7	FXMQ50P7	FXMQ63P7	FXMQ80P7	FXMQ100P7	FXMQ125P7
Cooling capacity	Nom.		kW	2.2	2.8	3.6	4.5	5.6	7.1	9.0	11.2	14.0
Heating capacity	Nom.		kW	2.5	3.2	4.0	5.0	6.3	8.0	10.0	12.5	16.0
Power input - 50Hz	Cooling	Nom.	kW	0.049		0.053	0.151	0.110	0.120	0.171	0.176	0.241
	Heating	Nom.	kW	0.037		0.041	0.139	0.098	0.108	0.159	0.164	0.229
Casing Colour				Unpainted								
Dimensions	Unit	HeightxWidthxDepth	mm	300x550x700			300x700x700	300x1,000x700			300x1,400x700	
Required ceiling void >			mm	350								
Weight	Unit		kg	23			26	35			46	
Decoration panel	Model			BYBS32DJW1			BYBS45DJW1	BYBS71DJW1			BYBS125DJW1	
	Colour			White (10Y9/0.5)								
	Dimensions	HeightxWidthxDepth	mm	55x650x500			55x800x500	55x1,100x500			55x1,500x500	
	Weight		kg	3.0			3.5	4.5			6.5	
Fan-Air flow rate - 50Hz	Cooling	High/Low	m^3/min	9/6.5		9.5/7	16/11	18/15	19.5/16	25/20	32/23	39/28
	Heating	High/Low	m^3/min	9.0/6.5		9.5/7	16/11	18/15	19.5/16	25/20	32/23	39/28
Fan-External static pressure - 50Hz	High/Nom.		Pa	100/50			160/100	200/100				
Sound power level	Cooling	High/Nom.	dBA	56/-		57/-	65/-	61/-	64/-	67/-	65/-	70/-
Sound pressure level	Cooling	High/Nom./Low	dBA	33/31/29		34/32/30	39/37/35	41/39/37	42/40/38	43/41/39		44/42/40
	Heating	High/Nom./Low	dBA	33/31/29		34/32/30	39/37/35	41/39/37	42/40/38	43/41/39		44/42/40
Refrigerant	Type			R-410A								
Piping connections	Liquid/OD/Gas/OD/Drain		mm	6.35/12.7/VP25 (I.D. 25/O.D. 32)					9.52/15.9/VP25 (I.D. 25/O.D. 32)			
Power supply	Phase/Frequency/Voltage		Hz/V	1~/50/60/220-240/220								
Current - 50Hz	Maximum fuse amps (MFA)		A	16								

FXMQ-MA

Large concealed ceiling unit

› Up to 270Pa external static pressure allows extensive ductwork runs and flexible application: ideal for use in large areas
› Blends unobtrusively with any interior décor: only the suction and discharge grilles are visible
› Up to 31.5kW in heating mode

FXMQ-MA

BRC1E52A/B BRC4C65

INDOOR UNIT				FXMQ200MA	FXMQ250MA
Cooling capacity	Nom.		kW	22.4	28.0
Heating capacity	Nom.		kW	25.0	31.5
Power input - 50Hz	Cooling	Nom.	kW	1.294	1.465
	Heating	Nom.	kW	1.294	1.465
Dimensions	Unit	HeightxWidthxDepth	mm	470x1,380x1,100	
Weight	Unit		kg	137	
Fan-Air flow rate - 50Hz	Cooling	High/Low	m^3/min	58/50	72/62
Fan-External static pressure - 50Hz	High/Nom.		Pa	221/132	270/191
Sound power level	Cooling	Nom.	dBA	-	
Sound pressure level	Cooling	High/Low	dBA	48/45	
Refrigerant	Type			R-410A	
Piping connections	Liquid/OD/Gas/OD/Drain		mm	9.52/19.1/PS1B	9.52/22.2/PS1B
Power supply	Phase/Frequency/Voltage		Hz/V	1~/50/60/220-240/220	
Current - 50Hz	Maximum fuse amps (MFA)		A	15	

FXAQ-P

Wall mounted unit

- Ideal solution for shops, restaurants or offices without false ceilings
- Low energy consumption thanks to DC fan motor
- Can be installed in both new and existing buildings
- Flat, stylish front panel blends easier within any interior décor and is easier to clean
- 15 class unit especially developed for small or well-insulated rooms, such as hotel bedrooms and small offices
- Five different discharge angles can be programmed via the remote control
- Maintenance operations can be performed from the front of the unit

FXAQ15-32P

BRC1E52A/B BRC7E63

INDOOR UNIT				FXAQ15P	FXAQ20P	FXAQ25P	FXAQ32P	FXAQ40P	FXAQ50P	FXAQ63P
Cooling capacity	Nom.		kW	1.7	2.2	2.8	3.6	4.5	5.6	7.1
Heating capacity	Nom.		kW	1.9	2.5	3.2	4.0	5.0	6.3	8.0
Power input - 50Hz	Cooling	Nom.	kW	0.017	0.019	0.028	0.030	0.020	0.033	0.050
	Heating	Nom.	kW	0.025	0.029	0.034	0.035	0.020	0.039	0.060
Casing Colour				White (3.0Y8.5/0.5)						
Dimensions	Unit	HeightxWidthxDepth	mm	290x795x238				290x1,050x238		
Weight	Unit		kg	11				14		
Fan-Air flow rate - 50Hz	Cooling	High/Low	m^3/min	7.0/4.5	7.5/4.5	8/5	8.5/5.5	12/9	15/12	19/14
Sound power level	Cooling	Nom.	dBA	-						
Sound pressure level	Cooling	High/Low	dBA	34.0/29.0	35.0/29.0	36.0/29.0	37.5/29.0	39.0/34.0	42.0/36.0	47.0/39.0
Refrigerant	Type			R-410A						
Piping connections	Liquid/OD/Gas/OD/Drain		mm	6.35/12.7/VP13 (I.D. 13/O.D. 18)						9.52/15.9/VP13 (I.D. 13/O.D. 18)
Power supply	Phase/Frequency/Voltage		Hz/V	1~/50/220-240						
Current - 50Hz	Maximum fuse amps (MFA)		A	16						

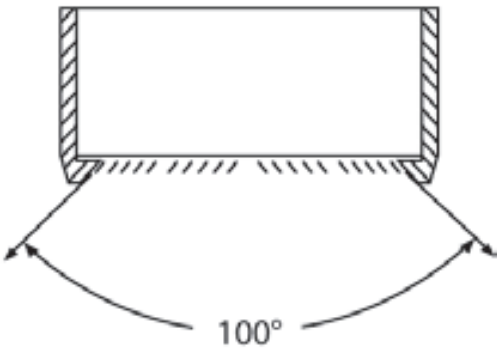
FXHQ-A

Ceiling suspended unit

- Ideal solution for commercial spaces with no or low false ceilings
- The unit can easily be mounted in corners and narrow spaces, as it only needs 30mm lateral service space
- Low energy consumption thanks to DC fan motor and drain pump
- Stylish unit blends easily with any interior, as the flaps close entirely when not in operation
- Can be installed in both new and existing buildings
- Air flow distribution for ceiling heights up to 3.8m without capacity loss
- Wider air discharge thanks to Coanda effect: up to 100°

FXHQ100A

BRC1E52A/B BRC7GA53

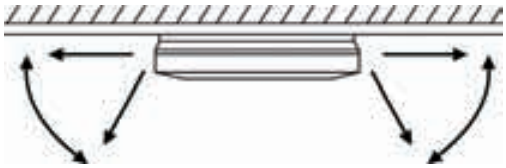


INDOOR UNIT				*FXHQ32A	*FXHQ63A	*FXHQ100A
Cooling capacity	Nom.		kW	3.6	7.1	11.2
Heating capacity	Nom.		kW	4.0	8.0	12.5
Power input - 50Hz	Cooling	Nom.	kW	0.107	0.111	0.237
	Heating	Nom.	kW	0.107	0.111	0.237
Casing Colour				Fresh white (6.5Y 9.5/0.5)		
Dimensions	Unit	HeightxWidthxDepth	mm	235x960x690	235x1,270x690	235x1,590x690
Weight	Unit		kg	24	33	39
Fan-Air flow rate - 50Hz	Cooling	High/Nom./Low	m^3/min	14/12/10	20/17/14	29.5/24/19
	Heating	High/Nom./Low	m^3/min	14/12/10	20/17/14	29.5/24/19
Sound power level	Cooling	Nom.	dBA	to be confirmed		
Sound pressure level	Cooling	High/Nom./Low	dBA	36/34/31	37/35/34	44/37/34
	Heating	High/Nom./Low	dBA	36/34/31	37/35/34	44/37/34
Refrigerant	Type			R-410A		
Piping connections	Liquid/OD/Gas/OD/Drain		mm	6.35/12.70/VP20 (I.D. 20/O.D. 26)	9.52/15.90/VP20 (I.D. 20/O.D. 26)	
Power supply	Phase/Frequency/Voltage		Hz/V	1~/50/220-240		
Current - 50Hz	Maximum fuse amps (MFA)		A	16		

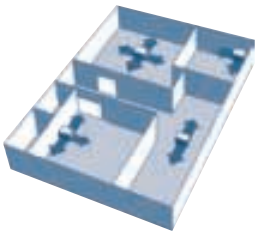
FXUQ-A

4-way blow ceiling suspended unit

- Ideal solution for commercial spaces with no or low false ceilings
- Separate BEVQ box is no longer needed: the expansion valve is integrated in the indoor unit
- Low energy consumption thanks to a specially developed small tube heat exchanger, DC fan motor and drain pump
- Stylish unit blends easily with any interior, as the flaps close entirely when not in operation
- Improved comfort thanks to automatic adjustment of air flow to match required load
- Individual flap control: one or more flaps can be easily closed via the wired remote controller (BRC1E52A/B) when refurbishing or rearranging the interior
- Can be installed in both new and existing buildings
- Same outlook for all models (unified dimensions)
- Air flow distribution for ceiling heights up to 3.5m without capacity loss
- Standard drain pump with 500mm lift
- Air can be discharged in five different angles between 0 and 60°



- Possibility to shut one or two flaps for easy installation in corners



FXUQ-A

BRC1E52A/B BRC7CB528

INDOOR UNIT				*FXUQ71A	*FXUQ100A
Cooling capacity	Nom.		kW	8.0	11.2
Heating capacity	Nom.		kW	9.0	12.5
Power input - 50Hz	Cooling	Nom.	kW	0.090	0.200
	Heating	Nom.	kW	0.073	0.179
Casing Colour				Fresh white (6.5Y 9.5/0.5)	
Dimensions	Unit	HeightxWidthxDepth	mm	198x950x950	
Weight	Unit		kg	26	27
Fan-Air flow rate - 50Hz	Cooling	High/Nom./Low	m^3/min	22.5/19.5/16	31/26/21
	Heating	High/Nom./Low	m^3/min	22.5/19.5/16	31/26/21
Sound power level	Cooling	Nom.	dBA	to be confirmed	
Sound pressure level	Cooling	High/Nom./Low	dBA	40/38/36	47/44/40
	Heating	High/Nom./Low	dBA	40/38/36	47/44/40
Refrigerant	Type			R-410A	
Piping connections	Liquid/OD/Gas/OD/Drain		mm	9.52/15.90/VP20 (I.D. 20/O.D. 26)	
Power supply	Phase/Frequency/Voltage		Hz/V	1~/50/60/220-240/220	
Current - 50Hz	Maximum fuse amps (MFA)		A	16	

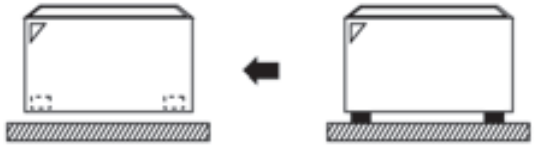
FXLQ-P

Floor standing unit

- Stylish modern casing finished in pure white (RAL9010) and iron grey (RAL7011)
- Unit can be installed as a free standing model, using an optional back plate
- Its low height means the unit fits perfectly beneath a window
- Requires very little installation space
- Wired remote control can easily be integrated in the unit
- Wall mounted installation facilitates cleaning beneath the unit where dust tends to accumulate

FXLQ20-25P

BRC1E52A/B BRC7C62



INDOOR UNIT				FXLQ20P	FXLQ25P	FXLQ32P	FXLQ40P	FXLQ50P	FXLQ63P
Cooling capacity	Nom.		kW	2.2	2.8	3.6	4.5	5.6	7.1
Heating capacity	Nom.		kW	2.5	3.2	4.0	5.0	6.3	8.000
Power input - 50Hz	Cooling	Nom.	kW	0.049		0.090		0.110	
	Heating	Nom.	kW	0.049		0.090		0.110	
Casing Colour				Fresh white (RAL9010) / Dark grey (RAL7011)					
Dimensions	Unit	HeightxWidthxDepth	mm	600x1,000x232		600x1,140x232		600x1,420x232	
Weight	Unit		kg	27		32		38	
Fan-Air flow rate - 50Hz	Cooling	High/Low	m^3/min	7/6		8/6	11/8.5	14/11	16/12
Sound power level	Cooling	Nom.	dBA	-					
Sound pressure level	Cooling	High/Low	dBA	35/32			38/33	39/34	40/35
Refrigerant	Type			R-410A					
Piping connections	Liquid/OD/Gas/OD/Drain		mm	6.35/12.7/					9.52/15.9/
Power supply	Phase/Frequency/Voltage		Hz/V	1~/50/60/220-240/220					
Current - 50Hz	Maximum fuse amps (MFA)		A	15					

FXNQ-P

Concealed floor standing unit

- Its low height means the unit fits perfectly beneath a window
- Blends unobtrusively with any interior décor: only the suction and discharge grilles are visible
- Requires very little installation space
- The connecting port faces downward, eliminating the need to attach auxiliary piping

FXNQ20-32P

BRC1E52A/B BRC4C65

INDOOR UNIT				FXNQ20P	FXNQ25P	FXNQ32P	FXNQ40P	FXNQ50P	FXNQ63P
Cooling capacity	Nom.		kW	2.2	2.8	3.6	4.5	5.6	7.1
Heating capacity	Nom.		kW	2.5	3.2	4.0	5.0	6.3	8.0
Power input - 50Hz	Cooling	Nom.	kW	0.049		0.090		0.110	
	Heating	Nom.	kW	0.049		0.090		0.110	
Dimensions	Unit	HeightxWidthxDepth	mm	610x930x220		610x1,070x220		610x1,350x220	
Weight	Unit		kg	19		23		27	
Fan-Air flow rate - 50Hz	Cooling	High/Low	m^3/min	7/6		8/6	11/8.5	14/11	16/12
Sound power level	Cooling	Nom.	dBA	-					
Sound pressure level	Cooling	High/Low	dBA	35/32			38/33	39/34	40/35
Refrigerant	Type			R-410A					
Piping connections	Liquid/OD/Gas/OD/Drain		mm	6.35/12.7/					9.52/15.9/
Power supply	Phase/Frequency/Voltage		Hz/V	1~/50/60/220-240/220					
Current - 50Hz	Maximum fuse amps (MFA)		A	15					

Low temperature hydrobox for VRV

HXY-A

The low temperature hydrobox offers air-to-water connection to VRV and is ideal for applications such as under floor heating, air handling units and low temperature radiators.

- Highly efficient space heating and cooling
- Leaving water temperature range from 5°C to 45°C without the need for an electric heater
- Super wide operating range for hot water production from -20 to +43°C ambient outdoor temperature
- Saves time on system design as all water-side components are fully integrated, providing direct control over leaving water temperature
- Saves space with contemporary wall hung design
- Requires no gas connection or oil tank
- Connectable to VRV IV heat pump

HXY-A

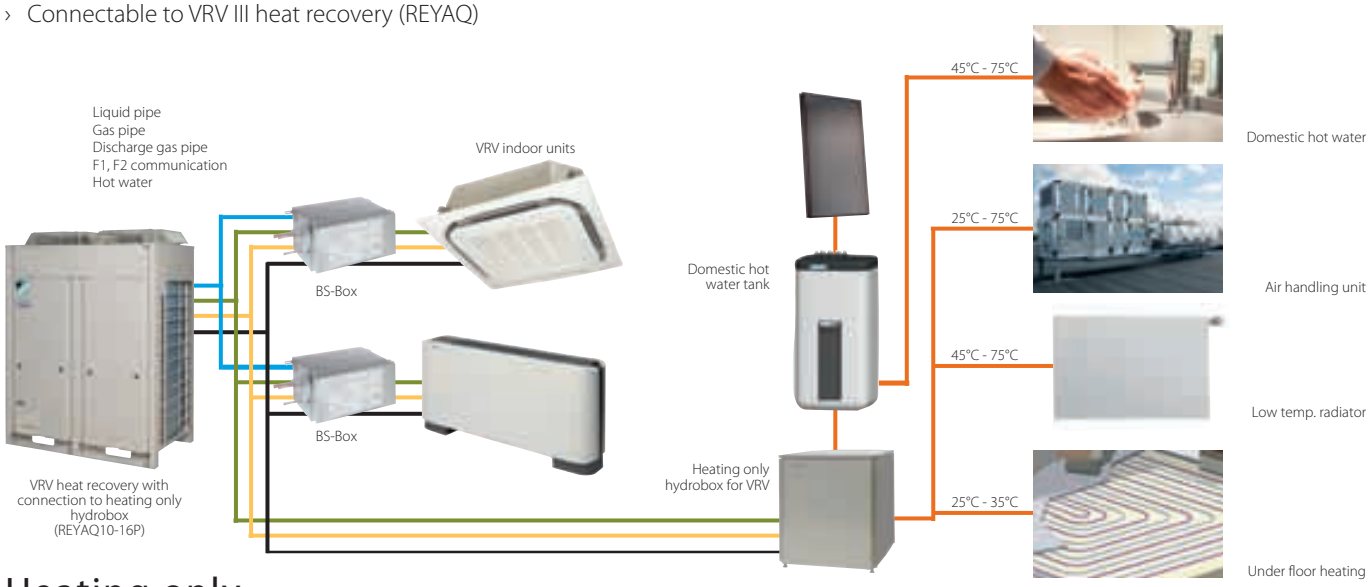
INDOOR UNIT					HXY080A	HXY125A
Cooling capacity	Nom.			kW	8	12.5
Heating capacity	Nom.			kW	9	14
Casing	Colour				White	
	Material				Precoated sheet metal	
Dimensions	Unit	HeightxWidthxDepth		mm	890x480x344	
Weight	Unit			kg	44	
Sound pressure level	Nom.			dBA	-	
Operation range	Heating	Ambient	Min.~Max.	°C	-20~24	
		Water side	Min.~Max.	°C	25~45	
	Cooling	Ambient	Min.~Max.	°C	~-	
		Water side	Min.~Max.	°C	-~-	
Refrigerant	Type				-	
Refrigerant circuit	Gas side diameter			mm	15.9	
	Liquid side diameter			mm	9.5	
Water circuit	Piping connections diameter			inch	G 1"1/4 (female)	
Power supply	Phase/Frequency/Voltage			Hz/V	1~/50/220-240	
Recommended fuses				A		

High temperature hydrobox for VRV

HXHD-A

The high temperature hydrobox offers air-to-water connection to VRV and is ideal for applications such as bathrooms, sinks, under floor heating, radiators and air handling units.

- Uses heat pump technology to produce hot water efficiently, providing up to 17% savings compared with a gas boiler
- Free heating is provided by transferring heat from areas requiring cooling to areas requiring heating or hot water
- Possibility to connect thermal solar collectors to the domestic hot water tank
- Leaving water temperature range from 25 to 80°C without the need for an electric heater
- Super wide operating range for hot water production from -20 to +43°C ambient outdoor temperature
- No need to design the water side of the system: all water-handling components are fully integrated
- No mixing valve is required, as the system provides direct leaving water temperature control
- Various control possibilities with weather dependant set point or thermostat control
- The indoor unit and domestic hot water tank can be stacked to save space, or installed next to each other, if ceiling height is limited
- No gas connection needed
- Connectable to VRV III heat recovery (REYAQ)



Heating only

INDOOR UNIT					HXHD125A
Heating capacity	Nom.			kW	14.0
Casing	Colour				Metallic grey
	Material				Precoated sheet metal
Dimensions	Unit	HeightxWidthxDepth		mm	705x600x695
Weight	Unit			kg	92
Sound pressure level	Nom.			dBA	42 (1)/43 (2)
	Night quiet mode	Level 1		dBA	38 (1)
Operation range	Heating	Ambient	Min.~Max.	°C	-20~20 /24 (3)
		Water side	Min.~Max.	°C	25~80
	Domestic hot water	Ambient	Min.~Max.	°CDB	-20~43
		Water side	Min.~Max.	°C	45~75
Refrigerant	Type				R-134a
Refrigerant circuit	Gas side diameter			mm	12.7
	Liquid side diameter			mm	9.52
Water circuit	Piping connections diameter			inch	G 1" (female)
	Heating water system	Water volume	Min.~Max.	l	20~200
Power supply	Phase/Frequency/Voltage			Hz/V	1~/50/220-240
Current	Recommended fuses			A	20

(1) Sound levels are measured at: EW 55°C; LW 65°C (2) Sound levels are measured at: EW 70°C; LW 80°C (3) Field setting

Air curtains

CYVS/M/L-DK-F/C/R

Biddle air curtains provide highly efficient solutions for retailers and consultants to combat the issue of climate separation across their outlet or office doorway.

Open door trading

Although the customer friendly aspects of open door trading are widely appreciated by retail and commercial outlet managers, open doors can also give rise to massive losses in conditioned warm or cold air – so can waste huge amounts of energy.

Biddle air curtains, however, not only create a pleasant trading and working environment, they offer significant economies by providing an efficient way to preserve indoor temperatures.

High efficiency and low CO_2 emissions

Efficient outdoor/indoor climate separation limits heat loss through the door entrance and creates a more stable store environment, thus enhancing the efficiency of the air conditioning system.

By combining Biddle air curtains with highly efficient Daikin VRV and ERQ heat pumps, building owners and managers benefit from substantial energy savings of up to 72% compared with electric air curtains.

Short payback period

This advanced solution delivers such impressive energy savings, that their installation provides a remarkable payback period of less than 1.5 years, with massive potential extra savings likely from reductions in future energy bills.

Free-Hanging (F)

Cassette (C)

Recessed (C)

Comfort through patented technology

Customers and staff alike can enjoy optimum indoor comfort all year round, irrespective of the external weather conditions, thanks to the advanced rectifier technology inherent in Biddle air curtains.

Easy installation

Installation of these systems is quick and easy. Integrating a Biddle air curtain with a Daikin VRV system also eliminates the need to install multiple outdoor units, thereby reducing installation time and costs still further.

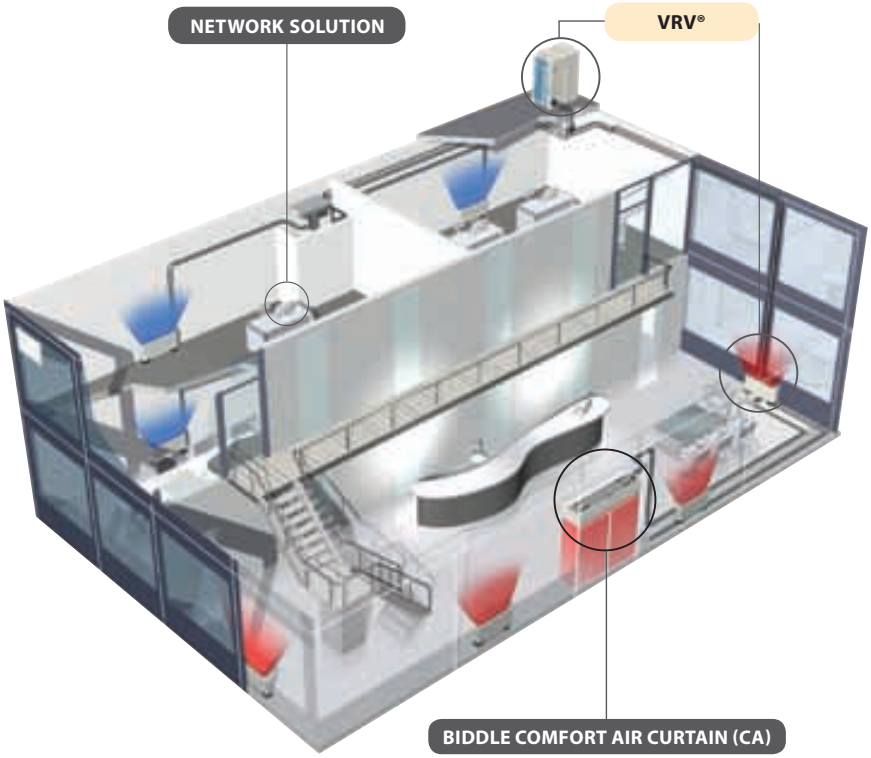
This unrivalled combination offers customers the ultimate environmentally conscious solution comprising cooling, heating, outdoor indoor climate separation and fresh air ventilation.

Biddle air curtain for VRV:

- For connection to VRV heat recovery and heat pump
- VRV is among the first DX systems suitable for connection to air curtains
- Free-hanging model (F): easy wall mounted installation
- Cassette model (C): mounted into false ceiling leaving only the decoration panel visible
- Recessed model (R): neatly concealed in the ceiling

Cost benefits for operators:

- Offers payback in less than 1.5 years compared with installing an electric heat curtain
- Delivers around 85% air separation efficiency, greatly reducing both heat loss and the required indoor heating capacity
- Provides virtually free air curtain heating via recovered heat from indoor units in cooling mode (in case of VRV heat recovery)
- Maximises energy efficiency, thanks to almost zero down flow turbulence, optimised air flow and advanced discharge rectifier technology
- Easy and quick to install at reduced costs since no additional water systems, boilers or gas connections are required



				Small				Medium			
				CYVS100DK80*BN/*SN	CYVS150DK80*BN/*SN	CYVS200DK100*BN/*SN	CYVS250DK140*BN/*SN	CYVM100DK80*BN/*SN	CYVM150DK80*BN/*SN	CYVM200DK100*BN/*SN	CYVM250DK140*BN/*SN
Heating capacity	Speed 3		kW	7.40	9.0	11.6	16.2	9.2	11.0	13.4	19.9
Power input	Fan only	Nom.	kW	0.23	0.35	0.46	0.58	0.37	0.56	0.75	0.94
	Heating	Nom.	kW	0.23	0.35	0.46	0.58	0.37	0.56	0.75	0.94
Delta T	Speed 3		K	19	15		16	17	14	13	15
Casing	Colour			BN: RAL9010 / SN: RAL9006							
Dimensions	Unit	Height F/C/R	mm	270/270/270							
		Width F/C/R	mm	1,000/1,000/1,048	1,500/1,500/1,548	2,000/2,000/2,048	2,500/2,500/2,548	1,000/1,000/1,048	1,500/1,500/1,548	2,000/2,000/2,048	2,500/2,500/2,548
		Depth F/C/R	mm	590/821/561							
Required ceiling void >			mm	420							
Door height	Max.		m	2.3 (1) / 2.15 (2) / 2.0 (3)	2.3 (1) / 2.15 (2) / 2.0 (3)	2.3 (1) / 2.15 (2) / 2.0 (3)	2.3 (1) / 2.15 (2) / 2.0 (3)	2.5 (1) / 2.4 (2) / 2.3 (3)	2.5 (1) / 2.4 (2) / 2.3 (3)	2.5 (1) / 2.4 (2) / 2.3 (3)	2.5 (1) / 2.4 (2) / 2.3 (3)
Door width	Max.		m	1.0	1.5	2.0	2.5	1.0	1.5	2.0	2.5
Weight	Unit		kg	56	66	83	107	57	73	94	108
Fan-Air flow rate	Heating	Speed 3	m^3/h	1,164	1,746	2,328	2,910	1,605	2,408	3,210	4,013
Sound pressure level	Heating	Speed 3	dBA	47	49	50	51	50	51	53	54
Refrigerant	Type			R-410A							
Piping connections	Liquid/OD/Gas/OD		mm	9.52/16.0			9.52/19.0	9.52/16.0			9.52/19.0
Required accessories (should be ordered separately)				Daikin wired remote control (BRC1E52A/B or BRC1D52)							
Power supply	Voltage		V	230							

				Large			
				CYVL100DK125*BN/*SN	CYVL150DK200*BN/*SN	CYVL200DK250*BN/*SN	CYVL250DK250*BN/*SN
Heating capacity	Speed 3		kW	15.6	23.3	29.4	31.1
Power input	Fan only	Nom.	kW	0.75	1.13	1.50	1.88
	Heating	Nom.	kW	0.75	1.13	1.50	1.88
Delta T	Speed 3		K	15		14	12
Casing	Colour			BN: RAL9010 / SN: RAL9006			
Dimensions	Unit	Height F/C/R	mm	370/370/370			
		Width F/C/R	mm	1,000/1,000/1,048	1,500/1,500/1,548	2,000/2,000/2,048	2,500/2,500/2,548
		Depth F/C/R	mm	774/1,105/745			
Required ceiling void >			mm	520			
Door height	Max.		m	3.0 (1) / 2.75 (2) / 2.5 (3)	3.0 (1) / 2.75 (2) / 2.5 (3)	3.0 (1) / 2.75 (2) / 2.5 (3)	3.0 (1) / 2.75 (2) / 2.5 (3)
Door width	Max.		m	1.0	1.5	2.0	2.5
Weight	Unit		kg	76	100	126	157
Fan-Air flow rate	Heating	Speed 3	m^3/h	3,100	4,650	6,200	7,750
Sound pressure level	Heating	Speed 3	dBA	53	54	56	57
Refrigerant	Type			R-410A			
Piping connections	Liquid/OD/Gas/OD		mm	9.52/16.0	9.52/19.0	9.52/22.0	
Required accessories (should be ordered separately)				Daikin wired remote control (BRC1E52A/B or BRC1D52)			
Power supply	Voltage		V	230			

(1) Favourable conditions: covered shopping mall or revolving door entrance (2) Normal conditions: little direct wind, no opposite open doors, building with ground floor only (3) Unfavourable conditions: location at a corner or square, multiple floors and/or open stairway

Integrated ventilation

Daikin offers a variety of solutions for the provision of fresh air ventilation to offices, hotels, stores and other commercial outlets: each one complementary to - and as flexible as - the VRV system itself.

Heat reclaim ventilation

Proper ventilation is a key component of climate control in buildings, offices and shops.

At a basic level, it ensures a flow of incoming fresh air and outgoing stale air. However, Daikin's Heat Reclaim Ventilation (HRV) solution can do so much more.

HRV can recover heat and optimise the balance between the indoor and outdoor temperature and humidity, thus reducing the load on the system and increasing efficiency.

Heat reclaim ventilation

Outdoor air processing in a single unit

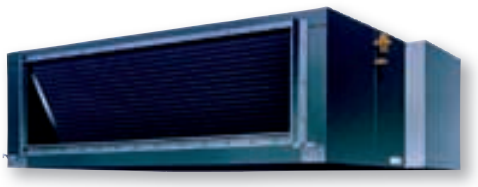
Daikin's FXMQ-MF air processing solution uses heat pump technology to combine fresh air treatment and air conditioning in a single system, thereby eliminating the usual design problems associated with balancing air supply and discharge.

The total system cost is reduced and design flexibility is enhanced because the air conditioning fan coil units and outdoor air treatment unit can be connected to the same refrigerant line.

VRV air handling applications

VRV air handling applications

For medium and large commercial spaces, Daikin offers a range of R-410A inverter condensing units that connect to air handling units. This approach combines the flexibility of our VRV units with air handling applications, resulting in a simple, reliable solution.

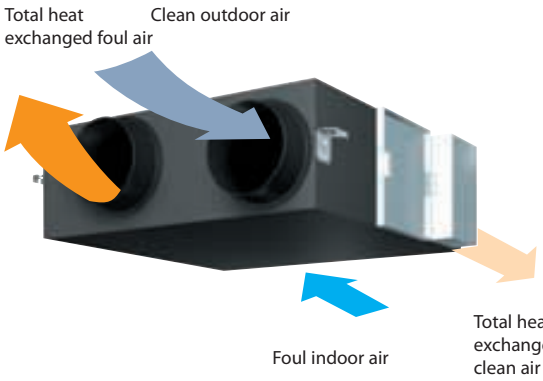


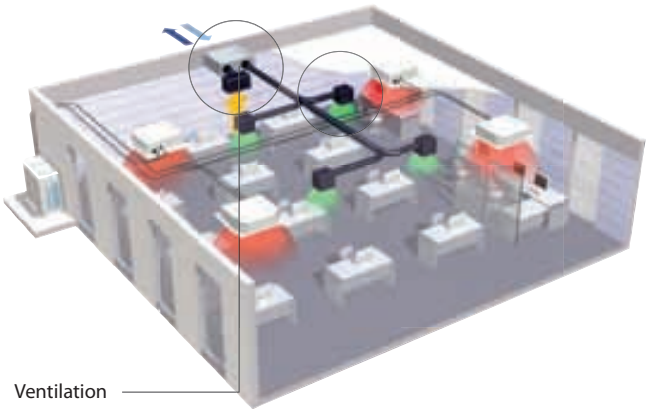
Outdoor air processing unit

Daikin Heat Reclaim Ventilation (HRV)

The VAM-FA/FB system modulates the temperature and humidity of incoming fresh air to match the indoor conditions. This provides a balance between the indoor and outdoor temperatures, significantly reducing the cooling or heating load on the air conditioning system.

- HRV units can be controlled individually or integrated with a Daikin VRV or Sky Air system
- Energy saving ventilation via recovery of indoor unit heat or cold
- Ideal solution for shops, restaurants or offices requiring maximum floor space for furniture, decorations and fittings
- Free cooling when outdoor temperature is below the indoor temperature (e.g. during the night)
- Low energy consumption thanks to DC inverter fans
- Prevents energy losses from over-ventilation while maintaining indoor air quality with CO_2 sensor (optional)
- Can be used as a stand-alone unit or integrated in the VRV system
- Wide range of units: air flow rate from 150 up to 2,000 m3/h
- High efficiency filters available in F6 ,F7 and F8 grades
- Specially developed heat exchange element with High Efficiency Paper (HEP)
- No drain piping needed
- Can operate in over- and under-pressure conditions





VENTILATION					VAM150FA	VAM250FA	*VAM350FB	*VAM500FB	*VAM650FB	*VAM800FB	*VAM1000FB	*VAM1500FB	*VAM2000FB
Power input - 50Hz	Heat exchange mode	Nom.	Ultra high	kW	0.116	0.141	-						
	Bypass mode	Nom.	Ultra high	kW	0.116	0.141	-						
Temperature exchange efficiency - 50Hz	Ultra high			%	74	72	75	74	74	74	75	75	75
Enthalpy exchange efficiency - 50Hz	Cooling	Ultra high		%	58		61	58	58	60	61	61	61
	Heating	Ultra high		%	64		65	62	63	65	66	66	66
Operation mode					Heat exchange mode / Bypass mode / Fresh-up mode		Heat exchange mode / Bypass mode / Fresh-up mode						
Heat exchange system					Air to air cross flow total heat (sensible + latent heat) exchange		Air to air cross flow total heat (sensible + latent heat) exchange						
Heat exchange element					Specially processed non-flammable paper		Specially processed non-flammable paper						
Dimensions	Unit	HeightxWidthxDepth		mm	285x776x525		301x828x816		364x1,004x868		364x1,004x1,156	726x1,514x868	
Weight	Unit			kg	24		33	33	48	48	61	132	158
Fan-Air flow rate - 50Hz	Heat exchange mode	Ultra high		m^3/h	150	250	350	500	650	800	1,000	1,500	2,000
	Bypass mode	Ultra high		m^3/h	150	250	350	500	650	800	1,000	1,500	2,000
Fan-External static pressure - 50Hz	Ultra high			Pa	69	64	98	98	93	137	157	137	137
Sound pressure level - 50Hz	Heat exchange mode	Ultra high		dBA	27 / 28.5	28 / 29	32 / 34	33 / 34.5	34.5 / 35.5	36 / 37	36 / 37	39.5 / 41.5	40 / 42.5
	Bypass mode	Ultra high		dBA	27 / 28.5	28 / 29	32 / 34	33.5 / 34.5	34.5 / 35.5	36 / 37	36 / 37	40.5 / 41.5	40 / 42.5
Operation range	Min.			°CDB	-15		-15						
	Max.			°CDB	50		50						
	Relative humidity			%	80% or less		80% or less						
Connection duct diameter				mm	100		150	200		250		350	
Power supply	Phase/Frequency/Voltage			Hz/V	1~/50/60/220-240/220		1~/50/60/220-240/220						
Current	Maximum fuse amps (MFA)			A	15		15						

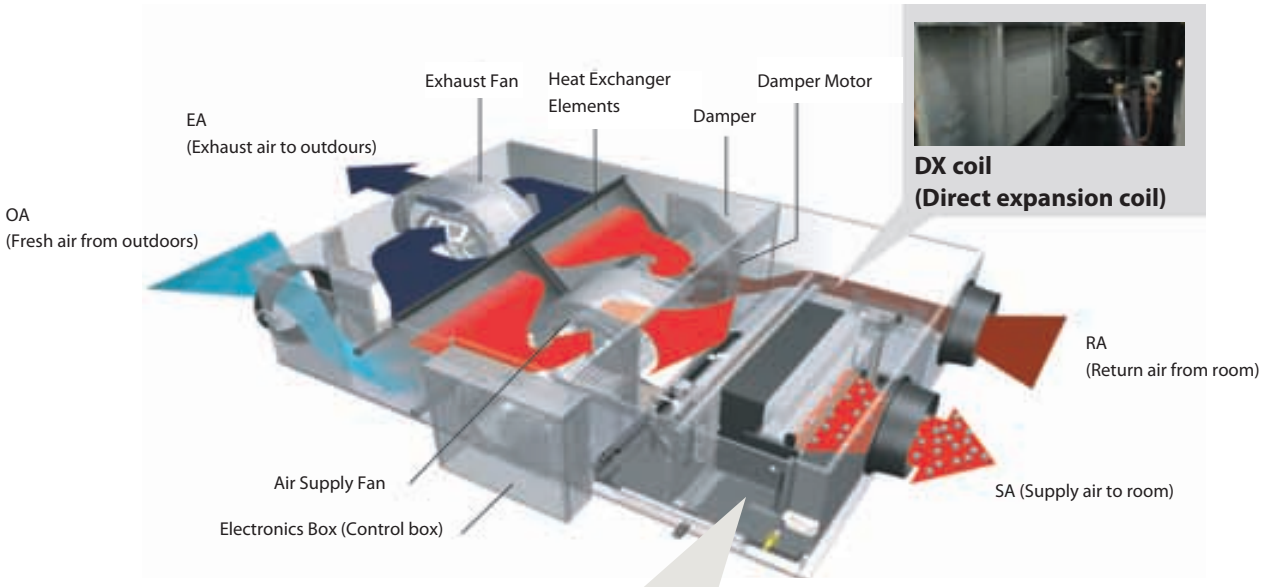
*Note: grey cells contain preliminary data

Heat reclaim ventilation, humidification and air processing

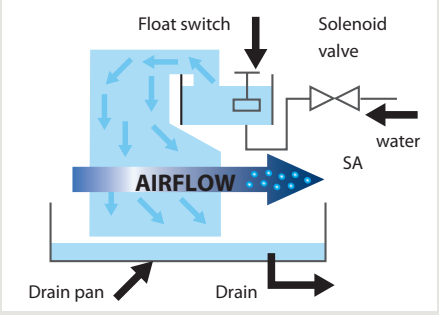
The VKM-GM/VKM-G series offers a fully integrated range of heat reclaim ventilation, humidification and air processing functions.

- Creates a high quality indoor environment by pre-conditioning incoming fresh air
- Humidification of the incoming air maintains a comfortable indoor humidity level, even during heating
- Energy saving ventilation via recovery of indoor unit heat/cold
- Ideal solution for shops, restaurants or offices requiring maximum floor space for furniture, decorations and fittings
- Free cooling when outdoor temperature is below indoor temperature (eg. during the night)
- Can be used as a stand-alone unit or integrated within a VRV system
- Wide range of units: air flow rate from 150 up to 2,000 m3/h
- Specially developed heat exchange element with High Efficiency Paper (HEP)
- No drain piping needed
- Can operate in over- and under-pressure conditions

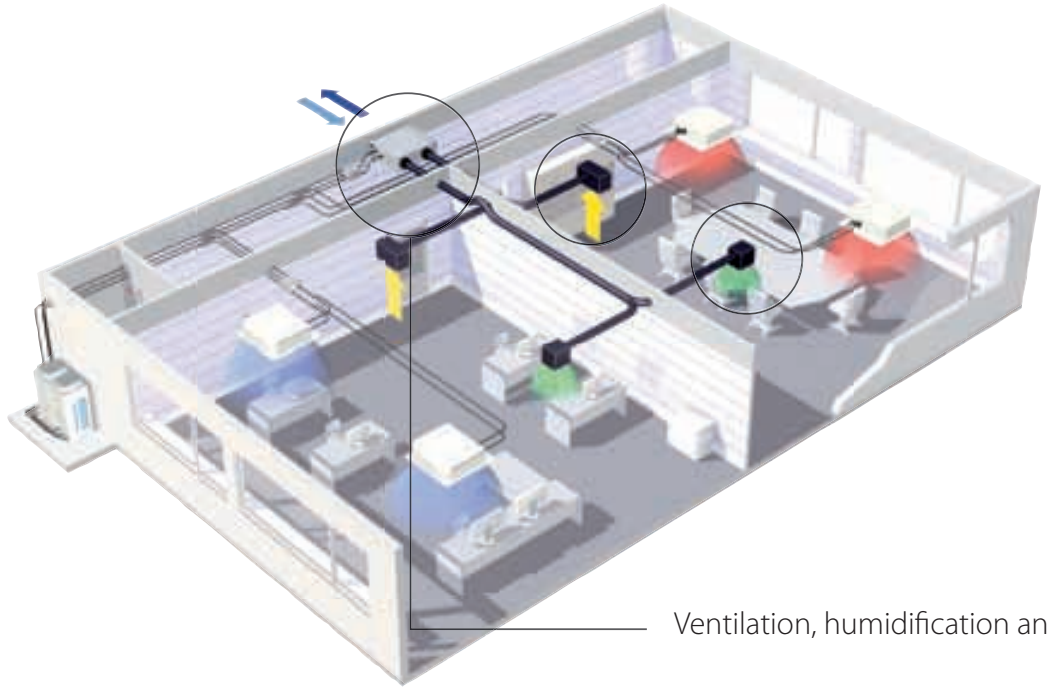
Operation example: humidification and air processing (heating mode)[1]



Humidifier element:
Utilising the principle of capillary action, water is permeated throughout the humidifier element. The heated air from the DX coil passes through the humidifier and absorbs the moisture.



[1] VKM-GM example



VKM-GM example

Ventilation, humidification and air processing

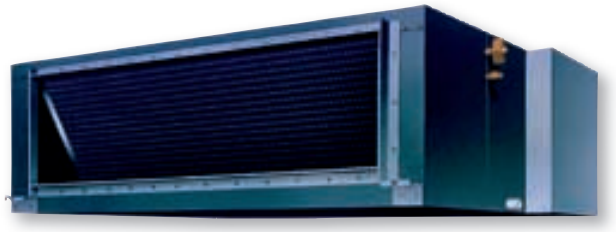
Ventilation & DX coil					VKM50G	VKM80G	VKM100G
Power input - 50Hz	Heat exchange mode	Nom.	Ultra high	kW	0.560	0.620	0.670
	Bypass mode	Nom.	Ultra high	kW	0.560	0.620	0.670
Fresh air conditioning load	Cooling			kW	4.71	7.46	9.12
	Heating			kW	5.58	8.79	10.69
Temperature exchange efficiency - 50Hz	Ultra high			%	76	78	74
Enthalpy exchange efficiency - 50Hz	Cooling	Ultra high		%	64	66	62
	Heating	Ultra high		%	67	71	65
Operation mode					Heat exchange mode / Bypass mode / Fresh-up mode		
Heat exchange system					Air to air cross flow total heat (sensible + latent heat) exchange		
Heat exchange element					Specially processed non-flammable paper		
Dimensions	Unit	HeightxWidthxDepth		mm	387x1,764x832	387x1,764x1,214	
Weight	Unit			kg	96	109	114
Fan-Air flow rate - 50Hz	Heat exchange mode	Ultra high		m^3/h	500	750	950
	Bypass mode	Ultra high		m^3/h	500	750	950
Fan-External static pressure - 50Hz	Ultra high			Pa			
Sound pressure level - 50Hz	Heat exchange mode	Ultra high		dBA	38 / 38.5 / 39	40 / 41 / 41.5	40 / 40.5 / 41
	Bypass mode	Ultra high		dBA	38 / 38.5 / 39	40 / 41 / 41.5	40 / 40.5 / 41
Operation range	Around unit			°CDB	0°C~40°CDB, 80% RH or less		
	Supply air			°CDB	-15°C~40°CDB, 80% RH or less		
	Return air			°CDB	0°C~40°CDB, 80% RH or less		
Connection duct diameter				mm	200	250	
Piping connections	Liquid	OD		mm	6.35		
	Gas	OD		mm	12.7		
	Drain				PT3/4 external thread		
Power supply	Phase/Frequency/Voltage			Hz/V	1~/50/220-240		
Current	Maximum fuse amps (MFA)			A	15		

Ventilation, DX coil & humidification					VKM50GM	VKM80GM	VKM100GM
Power input - 50Hz	Heat exchange mode	Nom.	Ultra high	kW	0.560	0.620	0.670
	Bypass mode	Nom.	Ultra high	kW	0.560	0.620	0.670
Fresh air conditioning load	Cooling			kW	4.71	7.46	9.12
	Heating			kW	5.58	8.79	10.69
Temperature exchange efficiency - 50Hz	Ultra high			%	76	78	74
Enthalpy exchange efficiency - 50Hz	Cooling	Ultra high		%	64	66	62
	Heating	Ultra high		%	67	71	65
Operation mode					Heat exchange mode / Bypass mode / Fresh-up mode		
Heat exchange system					Air to air cross flow total heat (sensible + latent heat) exchange		
Heat exchange element					Specially processed non-flammable paper		
Humidifier	System				Natural evaporating type		
Dimensions	Unit	HeightxWidthxDepth		mm	387x1,764x832	387x1,764x1,214	
Weight	Unit			kg	102	120	125
Fan-Air flow rate - 50Hz	Heat exchange mode	Ultra high		m^3/h	500	750	950
	Bypass mode	Ultra high		m^3/h	500	750	950
Fan-External static pressure - 50Hz	Ultra high			Pa	160	140	110
Sound pressure level - 50Hz	Heat exchange mode	Ultra high		dBA	37 / 37.5 / 38	38.5 / 39 / 40	39 / 39.5 / 40
	Bypass mode	Ultra high		dBA	37 / 37.5 / 38	38.5 / 39 / 40	39 / 39.5 / 40
Operation range	Around unit			°CDB	0°C~40°CDB, 80% RH or less		
	Supply air			°CDB	-15°C~40°CDB, 80% RH or less		
	Return air			°CDB	0°C~40°CDB, 80% RH or less		
Connection duct diameter				mm	200	250	
Piping connections	Liquid	OD		mm	6.35		
	Gas	OD		mm	12.7		
	Water supply			mm	6.4		
	Drain				PT3/4 external thread		
Power supply	Phase/Frequency/Voltage			Hz/V	1~/50/220-240		
Current	Maximum fuse amps (MFA)			A	15		

Outdoor air processing

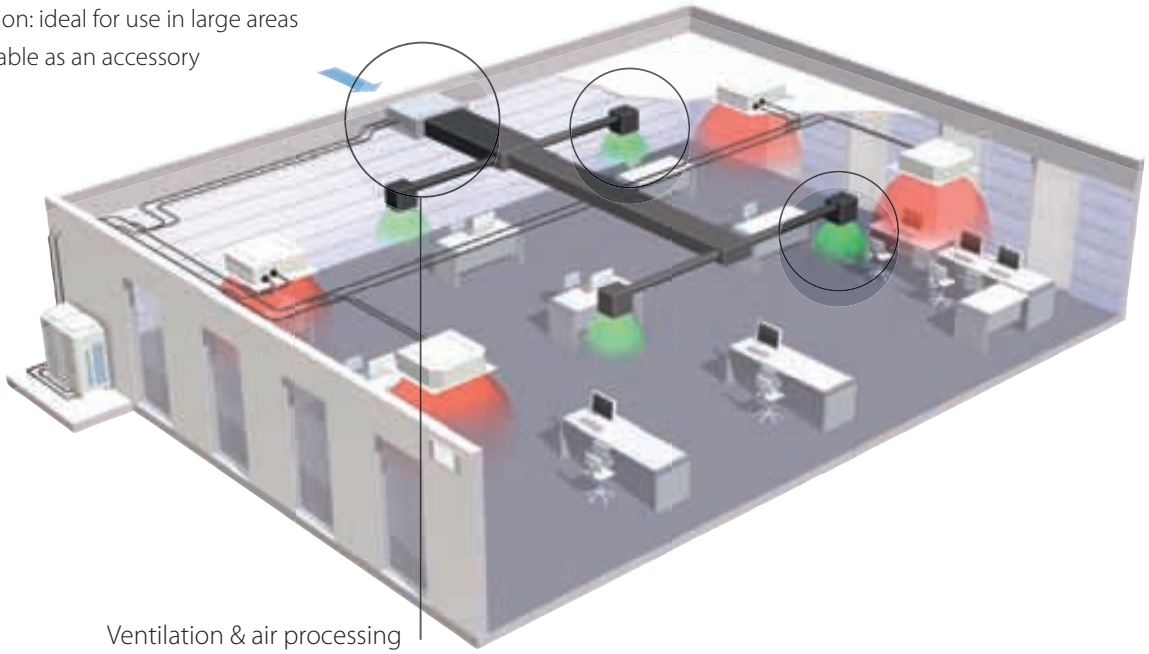
The FXMQ-MF is an outdoor air processing unit with integrated ventilation and air processing, combining fresh air treatment and air conditioning via a single system.

Both fresh air treatment and air conditioning can be provided via a single system using heat pump technology without the usual design problems associated with balancing air supply and discharge.



Air conditioning indoor units and an outdoor air treatment unit can be connected to the same refrigerant line, resulting in enhanced design flexibility and a significant reduction in total system costs.

- 100% fresh air intake possible
- Leaves maximum floor and wall space for furniture, decorations and fittings
- Operation range: -5°C to 43°C
- 225 Pa external static pressure allows extensive ductwork runs and flexible application: ideal for use in large areas
- Drain pump kit available as an accessory



Ventilation & air processing

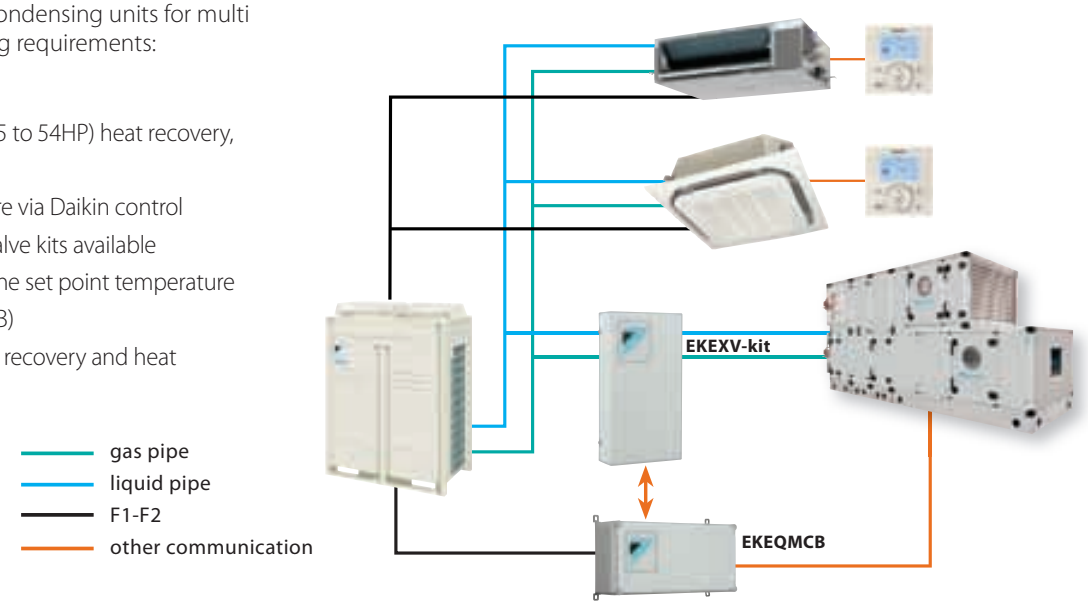
Ventilation & air processing				FXMQ125MF	FXMQ200MF	FXMQ250MF
Cooling capacity	Nom.		kW	14.0	22.4	28.0
Heating capacity	Nom.		kW	8.9	13.9	17.4
Power Input (50Hz)	Cooling	Nominal	kW	0.359	0.548	0.638
	Heating	Nominal	kW	0.359	0.548	0.638
Dimensions	Unit	HeightxWidthxDepth	mm	470x744x1,100	470x1,380x1,100	
Weight	Unit		kg	86	123	
Air Flow Rate	Cooling		m^3/min	18	28	35
	Heating		m^3/min	-		
External Static Pressure	Standard		Pa	185	225	205
Refrigerant	Type			R-410A		
Sound Power	Cooling	Nominal	dBA	-		
Sound Pressure	Cooling	Nominal (220V)	dBA	42	47	
Operation range	On coil temperature	Cooling max.	°CDB	43		
		Heating min.	°CDB	-5		
Piping connections	Liquid	OD	mm	9.52		
	Gas	OD	mm	15.9	19.1	22.2
	Drain			PS1B		
Power supply	Phase / Frequency / Voltage		Hz / V	1~ / 50 / 220-240		

[1] Not connectable to VRV III-S (RXYSQ-P8V1, RXYSQ-PBY1)

VRV air handling applications

A range of R-410A inverter condensing units for multi applications with air handling requirements:

- Inverter controlled units
- Large capacity range (from 5 to 54HP) heat recovery, heat pump R-410A
- Control of room temperature via Daikin control
- Large range of expansion valve kits available
- BRC1E52A/B is used to set the set point temperature (connected to the EKEQMCB)
- Connectable to all VRV heat recovery and heat pump systems



EKEXV - Expansion valve kit for air handling application

EKEXV class	Allowed heat exchanger capacity (kW)					
	Cooling (Evaporation temperature 6°C)			Heating (Condensing temperature 46°C)		
	Minimum	Standard	Maximum	Minimum	Standard	Maximum
50	5.0	5.6	6.2	5.6	6.3	7.0
63	6.3	7.1	7.8	7.1	8.0	8.8
80	7.9	9.0	9.9	8.9	10.0	11.1
100	10.0	11.2	12.3	11.2	12.5	13.8
125	12.4	14.0	15.4	13.9	16.0	17.3
140	15.5	16.0	17.6	17.4	18.0	19.8
200	17.7	22.4	24.6	19.9	25.0	27.7
250	24.7	28.0	30.8	27.8	31.5	34.7

- The system provides optimised air conditions such as fresh air and humidity control and can be used in small warehouses, showrooms and offices
- Wide range of units offers maximum application potential and flexible control options
- Air handling unit, control box and expansion valve kit are required for each combination
- Both option kits are designed for indoor and outdoor installation and can be wall mounted

Ventilation					EKEXV50	EKEXV63	EKEXV80	EKEXV100	EKEXV125	EKEXV140	EKEXV200	EKEXV250
Dimensions	Unit	HeightxWidthxDepth		mm	401x215x78							
Weight	Unit			kg	2.9							
Sound pressure level	Nom.			dBA	45							
Operation range	On coil temperature	Heating	Min.	°CDB	10 (1)							
		Cooling	Max.	°CDB	35 (2)							
Refrigerant	Type				R-410A							
Piping connections	Liquid	OD		mm	6.35	9.52						
	Gas	OD		mm	6.35	9.52						

(1) The temperature of the air entering the coil in heating mode can be reduced to -5° CDB. Contact your local dealer for more information. (2) 45% Relative humidity

EKEQ - Control box for air handling applications

- Wide range of control possibilities:
  - control x: room, suction or discharge temperature can be controlled via DDC control (field supplied)
  - control y: control by fixed evaporating temperature;
  - control z: room or suction temperature control via Daikin remote control
  - remote ON/OFF can be achieved by an optional adapter KRP4A51

Ventilation				EKEQFCB	EKEQDCB	EKEQMCB
Application				Pair		Multi
Outdoor unit				ERQ		VRV
Dimensions	Unit	HeightxWidthxDepth	mm	132x400x200		
Weight	Unit		kg	3.9	3.6	
Power supply	Phase/Frequency/Voltage		Hz/V	1~/50/230		

Product portfolio

Outdoor unit range

System	Type	Product name		Capacity (HP) 4	5	6	8	10	12	14	16	18	20	22	24
Cooling capacity (kW)[1]				12.6	14.0	15.5	22.4	28.0	33.5	40.0	45.0	49.0	55.9	61.5	67.0
Heating capacity (kW)[2]				14.2	16.0	18.0	25.0	31.5	37.5	45.0	50.0	56.5	62.5	69.0	75.0
AIR COOLED	HEAT PUMP	VRV IV RYYQ-T Heat pump with continuous heating	new 												
		VRV III-S RXYSQ-P8V1 (Single phase) RXYSQ-P8Y1 (Three phase)													
		VRV Classic RXYCQ-A	new 												
	HEAT RECOVERY	VRV III REYQ-P8/P9 Small footprint combination													
		VRV III REYHQ-P High COP combination													
		VRV III REYAQ-P for connection with heating only hydrobox													
Cooling capacity (kW)[3]							22.4	26.7			44.8	49.1	53.4		67.2
Heating capacity (kW)[4]							25.0	31.5			50.0	56.5	63.0		75.0
WATER COOLED	STANDARD SERIES H/R - H/P	VRV-W III RWEYQ-P													
	GEO-THERMAL SERIES H/R - H/P	VRV-W III RWEYQ-PR													

System	Type	Product name		4	5	8	10	12	13	14	16	18	20	22	24
Capacity class					140		280		360		460	500	540	636	712
Cooling capacity (kW)[1] HR/HP					-/14.0	-/22.4	28.0/28.0	-/33.5	36.0/-	-/40.0		50.0/50.4	54.0/55.9	63.6/61.5	71.2/67.0
Heating capacity (kW)[2] HR/HP					-/16.0	-/25.0	32.0/31.5	-/37.5	40.0/-	-/45.0	52.0/50.0	56.0/56.5	60.0/62.5	67.2/69.0	78.4/75.0
AIR COOLED	REPLACEMENT VRV HEAT RECOVERY - HEAT PUMP	VRV III-Q RQYQ-P VRVIII-Q - H/P													
		VRV III-Q RQCEQ-P VRVIII-Q - H/R													

Single unit Multi combination

[1] Nominal cooling capacities are based on : indoor temperature : 27°CDB, 19°CWB, inlet water temperature : 30°C, equivalent refrigerant piping : 7.5m, level difference : 0m.
[2] Nominal heating capacities are based on: indoor temperature: 20°CDB, outdoor temperature: 7°CDB, 6°CWB, equivalent refrigerant piping : 7.5m, level difference : 0m.
[3] Nominal cooling capacities are based on: indoor temperature : 27°CDB, 19°CWB, inlet water temperature : 30°C, equivalent refrigerant piping : 7.5m, level difference : 0m
[4] Nominal heating capacities are based on: indoor temperature : 20°CDB, inlet water temperature : 20°C, equivalent refrigerant piping : 7.5m, level difference : 0m

26	28	30	32	34	36	38	40	42	44	46	48	50	52	54
71.4	77.0	82.5	89.0	94.0	98.0	105.0	111.0	116.0	120.0	126.0	132.0	138.0	143.0	147.0
81.5	88.0	94.0	102.0	107.0	113.0	119.0	126.0	132.0	138.0	145.0	151.0	158.0	163.0	170.0
71.5	75.8	80.1												
81.5	88.0	94.5												

Capacity (HP)

26	28	30	32	34	36	38	40	42	44	46	48	50	52	54
744	816	848												
74.4/73.0	81.6/78.5	84.4/85.0	-/90.0	-/96.0	-/101.0	-/107.0	-/112.0	-/118.0	-/124.0	-/130.0	-/135.0			
80.8/81.5	87.2/87.5	89.6/95.0	-/100.0	-/108.0	-/113.0	-/119.0	-/125.0	-/132.0	-/138.0	-/145.0	-/150.0			

Indoor units		Ventilation			Air curtain	Hydrobox connection		Control systems		
+	•	+	+	•	+	+	x	+	+	+
+	•	+	x	+	+	x	x	+	+	+
+	x	+	+	x	x	x	x	+	+	+
+	x	+	+	+	+	x	x	+	+	+
+	x	+	+	+	+	x	x	+	+	+
+	x	+	+	+	+	x	+	+	+	+
+	x	+	+	+	+	x	x	+	+	+
+	x	+	+	+	+	x	x	+	+	+

VRV type indoor units (such as FXSQ)	Residential type indoor units (such as Daikin Emura) [5]	Heat Reclaim ventilation (such as VAM)	Fresh air indoor units (such as FXMQ-MF)	AHU connection kit (such as EKEXV)	Biddle Air curtain for VRV (CYV)	Low temperature hydrobox for VRV	High temperature hydrobox for VRV	Individual control (such as BRC [6])	Centralised control (such as DCS3*/DST [6])	Network solutions (such as DCS6*/DAM/DMS [6])
+	x	+	+	+	+	x	x	+	+	+
+	x	+	+	+	+	x	x	+	+	+

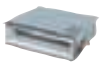
[5] BP-box required
[6] Exact control possibilities depend on the selected system components
+ All + components can be connected together to 1 system
• Can be connected, but not in combination with other components
x Can not be connected

Product Portfolio

Indoor unit range

VRV climate control brings freshness and warmth to offices, hotels, stores and many other commercial premises, enhancing the indoor environment. Whatever the air conditioning or heating requirement, a Daikin indoor unit can provide the answer. A VRV system can be supplied in combination with 26 different indoor unit models, offering a total of 116 variations.

VRV indoor unit range

	Type	Model	Product name		Capacity 15	20	25	32	40	50	63	71	80	100	125	140	200	250
new	CEILING MOUNTED CASSETTE	Round flow cassette autocleaning function[3] Presence & floor sensor[3]	FXFQ-A			■	■	■	■	■	■		■	■	■			
new	CEILING MOUNTED CASSETTE	4-way blow ceiling mounted cassette Presence & floor sensor[3]	FXZQ-A		■	■	■	■	■	■								
new	CEILING MOUNTED CASSETTE	2-way blow ceiling mounted cassette	FXCQ-A			■	■	■	■	■	■		■		■			
	CEILING MOUNTED CASSETTE	Ceiling mounted corner cassette	FXKQ-MA				■	■	■		■							
	CONCEALED CEILING	Small concealed ceiling unit	FXDQ-M9			■	■											
new	CONCEALED CEILING	Slim concealed ceiling unit	FXDQ-A		■	■	■	■	■	■	■							
	CONCEALED CEILING	Concealed ceiling unit with medium static pressure	FXSQ-P			■	■	■	■	■	■		■	■	■	■		
	CONCEALED CEILING	Concealed ceiling unit with high static pressure	FXMQ-P7			■	■	■	■	■	■		■	■	■			
	CONCEALED CEILING	Large concealed ceiling unit	FXMQ-MA[4]														■	■
	WALL MOUNTED	Wall mounted unit	FXAQ-P			■	■	■	■	■	■							
new	CEILING SUSPENDED	Ceiling suspended unit	FXHQ-A					■			■			■				
new	CEILING SUSPENDED	4-way blow ceiling suspended unit	FXUQ-MA									■		■	■			
	FLOOR STANDING	Floor standing unit	FXLQ-P			■	■	■	■	■	■							
	FLOOR STANDING	Concealed floor standing unit	FXNQ-P			■	■	■	■	■	■							
Cooling capacity (kW)[1]					1.7	2.2	2.8	3.6	4.5	5.6	7.1	8.0	9.0	11.2	14.0	16.0	22.4	28.0
Heating capacity (kW)[2]					1.9	2.5	3.2	4.0	5.0	6.3	8.0	9.0	10.0	12.5	16.0	18.0	25.0	31.5

[1] Nominal cooling capacities are based on: indoor temperature: 27°CDB, 19°CWB, outdoor temperature: 35°CDB, equivalent refrigerant piping: 5m, level difference: 0m

[2] Nominal heating capacities are based on: indoor temperature: 20°CDB, outdoor temperature: 7°CDB, 6°CWB, equivalent refrigerant piping: 5m, level difference: 0m

[3] Optional

[4] Not connectable to VRV III-S

Split indoor unit range

	Type	Model	Product name		Capacity 15	20	25	35	42	50	60	71	VRV IV Connectable outdoor unit: RYYQ-T	VRV II-S Connectable outdoor unit: RXYSQ-P8V1 RXYSQ-P8Y1
new	CEILING MOUNTED CASSETTE	Round flow cassette (incl. autoclean function[1])	FCQG-F											✓
new	CEILING MOUNTED CASSETTE	Fully flat cassette	FFQ-C											✓
	CONCEALED CEILING	Small concealed ceiling unit	FDBQ-B											✓
	CONCEALED CEILING	Slim concealed ceiling unit	FDXS-F											✓
	CONCEALED CEILING	Concealed ceiling unit with inverter driven fan	FBQ-C											✓
	WALL MOUNTED	Daikin Emura Wall mounted unit	FTXG-JA/JW										✓	✓
new	WALL MOUNTED	Wall mounted unit	CTXS-K FTXS-K										✓	✓
	WALL MOUNTED	Wall mounted unit	FTXS-G										✓	✓
new	CEILING SUSPENDED	Ceiling suspended unit	FHQ-C											✓
	FLOOR STANDING	Nexura floor standing unit	FVXG-K										✓	✓
	FLOOR STANDING	Floor standing unit	FVXS-F										✓	✓
	FLOOR STANDING	Flexi type unit	FLXS-B										✓	✓

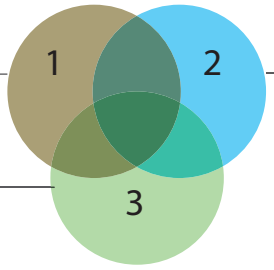
[1] Decoration panel BYCQ140CG + BRC1E52A needed

Product Portfolio

Ventilation range

Ventilation: provision of fresh air

Pre conditioning: cooling or heating of incoming fresh air to maintain a consistent temperature for maximum comfort



Humidification: optimise the balance between indoor and outdoor humidity

Type	Product name	Components of indoor air quality	Air flow rate (m^3/h)
HEAT RECLAIM VENTILATION	VAM-FA/FB	1 Ventilation	
	VKM-G	1 Ventilation 3 Pre conditioning	
	VKM-GM	1 Ventilation 2 Humidification 3 Pre conditioning	
OUTDOOR AIR PROCESSING UNIT [1]	FXMQ-MF	1 Ventilation 3 Pre conditioning	
VRV AIR HANDLING APPLICATIONS [2]	EKEXV-kit	1 Ventilation 3 Pre conditioning	

0 | 200 | 400 | 600 | 800 | 1,000 | 1,500 | 2,000 | 4,000 | 6,000 | 8,000

[1] Not connectable to VRV III-S (RXYSQ-P8V1, RXYSQ-P8Y1)

[2] Air flow rate is a calculated indication only, based on the following values: heating capacity EKEXV-kit * 200m^3/h

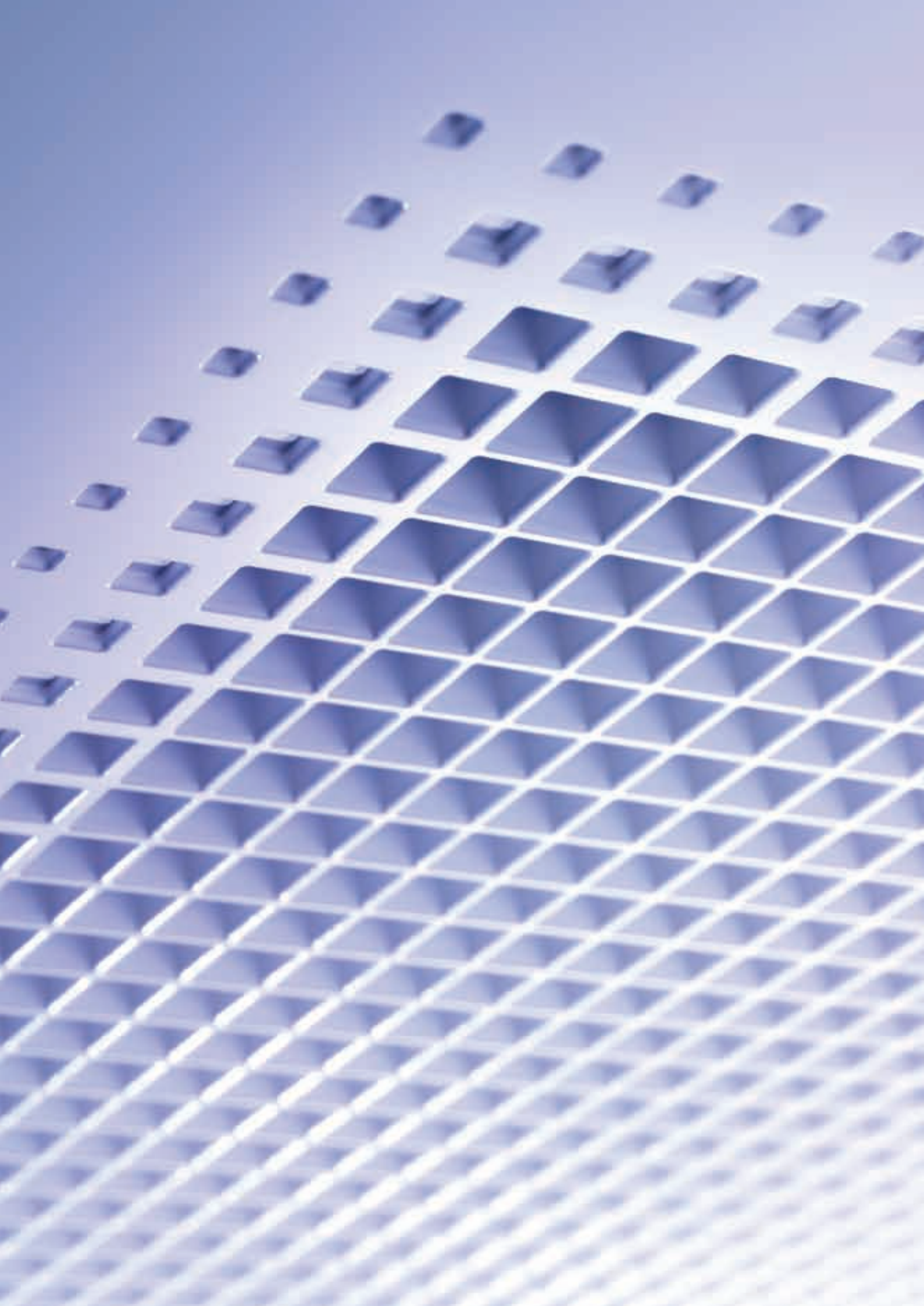
[3] For more information on Daikin air handling units refer to your local dealer

Network solutions

	Control				Monitoring								Options				Other control functions									
	Basic control functions: ON/OFF, temp. Setting, air flow settings	**Automatic changeover**	**Weekly schedule control**	**Fire emergency stop control**	**Basic monitoring functions: ON/OFF status, operation mode, set point temp.**	**Indication filter replacement**	**Malfunction code**	**Password security**	**Touch screen**	**Daily/monthly/yearly reports**	**Control via GSM**	**Graphical report**	**Visualisation**	**Ppd**	**Web acces & control**	**Http option**	**Eco mode**	**Pre cooling / heating**	**0°△ Between cooling & heating**	**Power limit control**	**Sliding t° avoids overcooling via sensor**	**Free cooling changeover**	**ACNSS connection air conditioning network service system**	**Scheduling presets (programs)**	**User friendliness**	**Max. Indoors groups**
DS-NET	■	■		■	■	■	■				■		+												+	4x10
INTELLIGENT TOUCH CONTROLLER	■	■	■	■	■	■	■	■	■				++	■	■	■						■	■	8	+++	2x64
INTELLIGENT TOUCH MANAGER	■	■	■	■	■	■	■	■		■		■	+++	■	■		■	■	■	■	■		■	128	+++	1024
DMS-IF [1]	■	■		■	■	■	■						N/A												N/A	64
BACNET [2]	■	■		■	■	■	■						N/A	■											N/A	4x64

[1] Gateway for Lonworks networks [2] Gateway for BACnet networks

Notes



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