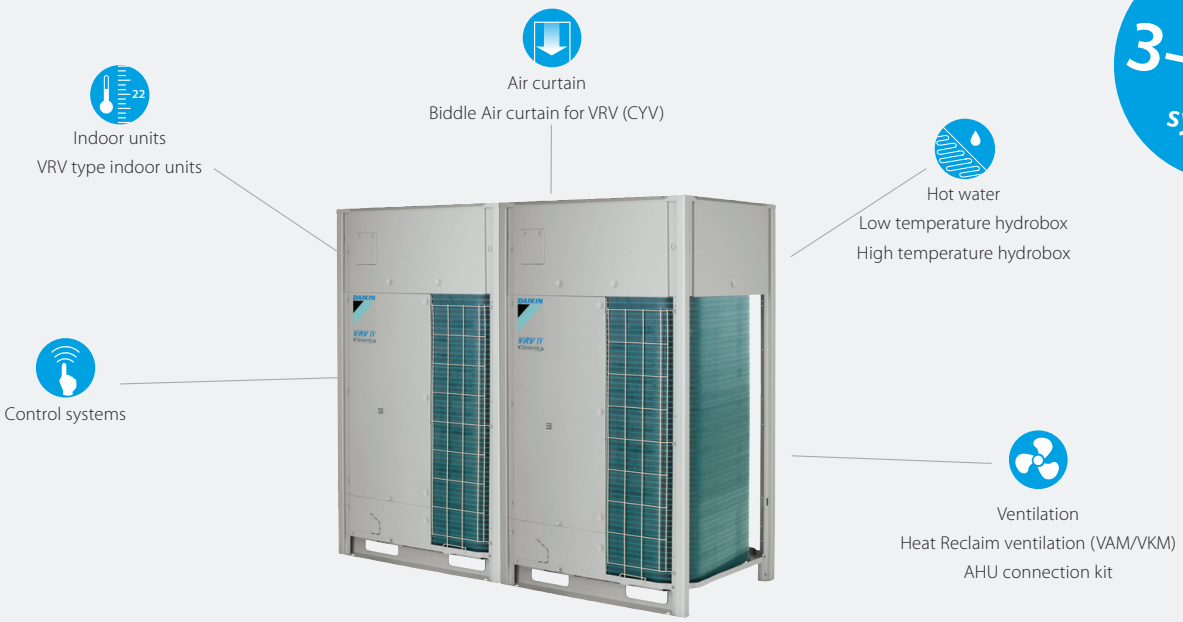
VRV IV heat recovery

Best efficiency and comfort solution

Efficient 3-pipe system



Widest range of BS boxes for the fastest installation

Variable Refrigerant Temperature

VRV IV standards:

Variable refrigerant temperature

Customize your VRV for best seasonal efficiency & comfort

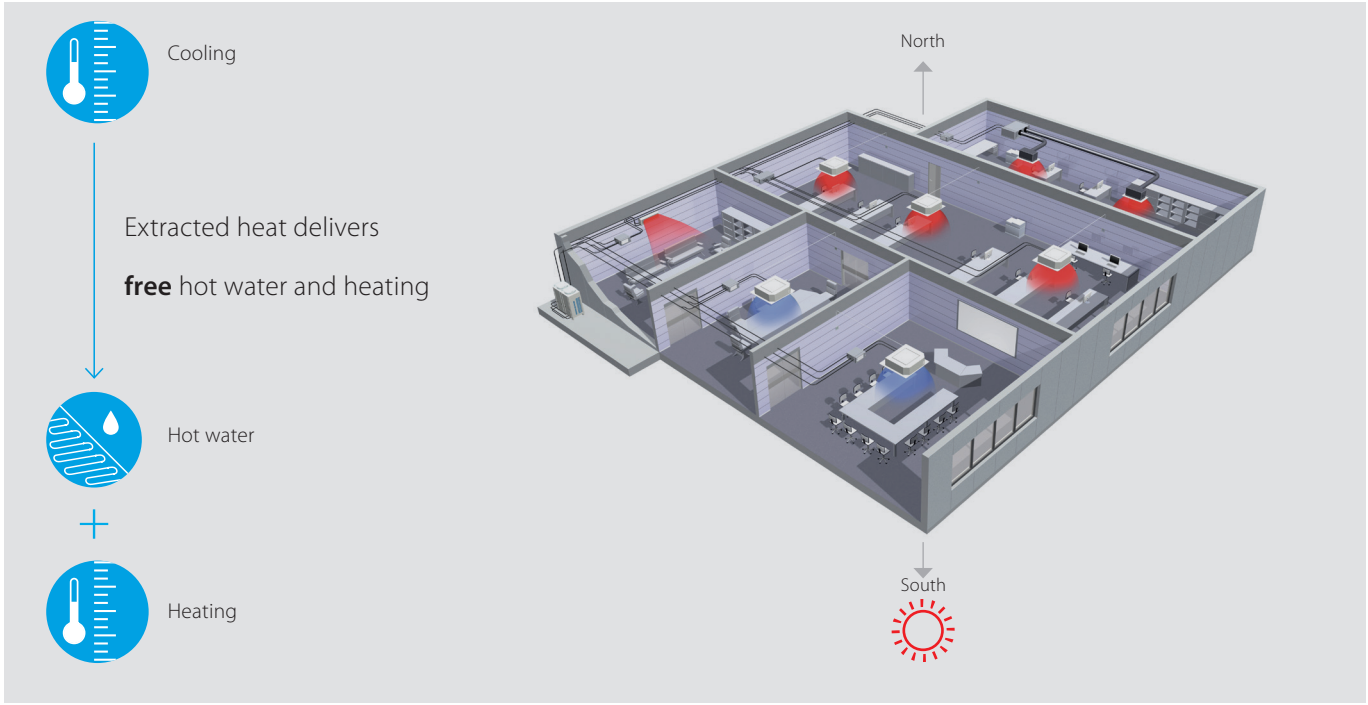
Continuous heating

The new standard in heating comfort

VRV configurator

Software for simplified commissioning, configuration and customisation

- 7 segment indicator
- Automatic refrigerant charge
- Refrigerant containment check
- Night quiet mode
- Low noise function
- Connectable to LT hydrobox for hot water
- Connectable to HT hydrobox for hot water
- Full inverter compressors
- Gas cooled PCB
- 4 side heat exchanger
- Reluctance brushless DC compressor
- Sine wave DC inverter
- DC fan motor
- E-pass heat exchanger
- I demand function
- Manual demand function



"Free" heat and hot water production

Until now, most commercial buildings have relied on separate systems for cooling, heating, hot water and so on, which results in a lot of wasted energy.

An integrated heat recovery system reuses heat from offices, server rooms, to warm other areas or create hot water.

Improved efficiency

In heat-recovery operation the VRV IV is up to 15% more efficient compared to VRV III. In single mode operation, the seasonal efficiency of the system can be even as much as 28% higher - thanks to the variable refrigerant temperature technology - compared to a conventional VRF system.

Optimised Partition of Heat Exchanger for highest seasonal efficiency in heat recovery mode

Vertically divided heat exchanger with an optimized ratio for mix mode operation.
This improves heat recovery efficiency by reducing radiation losses.

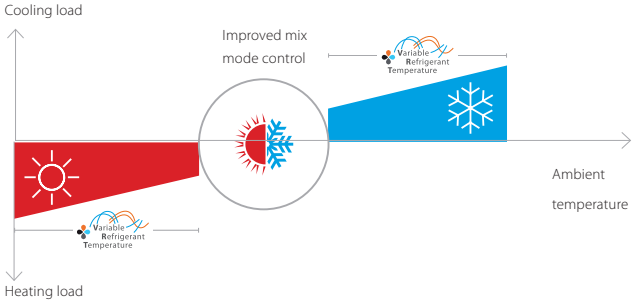
Wide heating operation range

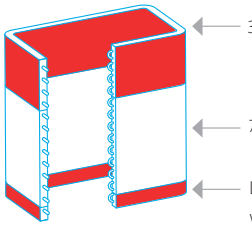
VRV IV heat recovery has a standard operation range down to -20°CWB in heating.
It can also provide cooling down to -20°CDB for technical server rooms (field setting).

Maximum comfort

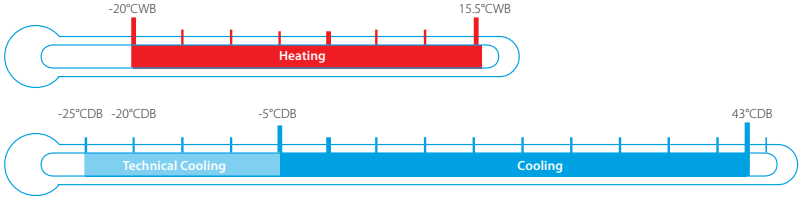
A VRV heat-recovery system allows simultaneous cooling and heating.

› For hotel owners, this means a perfect environment for guests as they can freely choose between cooling or heating.
› For offices, it means a perfect working indoor climate for both north and south-facing offices.





During heating, the bottom of the heat exchanger stays hot, which minimises frost accumulation and defrost periods.



Advantages

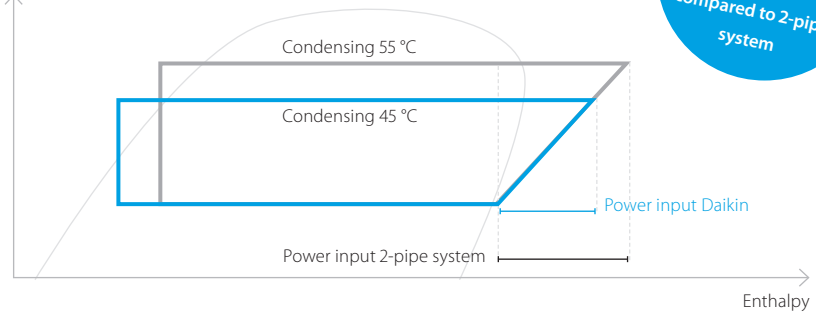
of 3-pipe technology

More "free" heat

Daikin 3-pipe technology needs less energy to recover heat, meaning significantly higher efficiency during heat recovery mode. Our system can recover heat at a low condensing temperature because it has dedicated gas, liquid and discharge pipes.

In a 2-pipe system, gas and liquid travel as a mixture so the condensing temperature needs to be higher in order to separate the mixed gas and liquid refrigerant. The higher condensing temperature means more energy is used to recover heat resulting in lower efficiency.

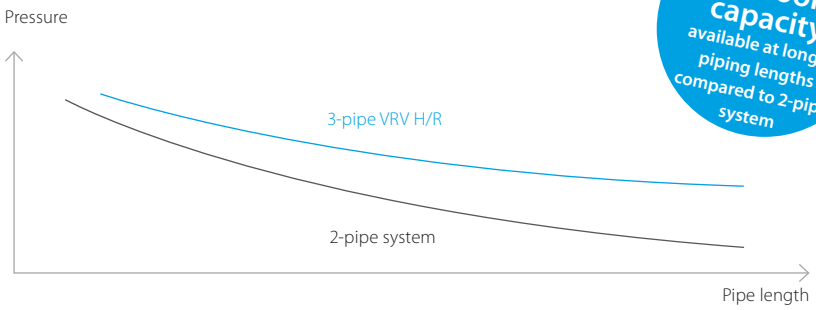
5 to 15% more efficient in heat recovery mode compared to 2-pipe system



Lower pressure drop means more efficiency

- Smooth refrigerant flow in 3-pipe system thanks to 2 smaller gas pipes results in higher energy efficiency
- Disturbed refrigerant flow in large gas pipe on 2-pipe system results in bigger pressure drop

Up to 5% more cooling capacity available at longer piping lengths compared to 2-pipe system



Save on refrigerant

- Smaller diameter pipes and 3-pipe system results in up to 36% less refrigerant charge compared to 2-pipe systems, saving on refrigerant cost and reducing environmental impact

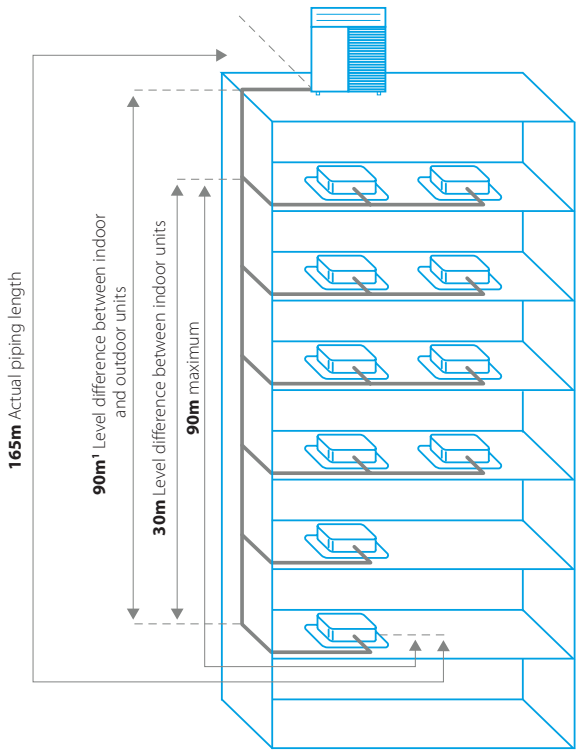
Freely combine outdoor units

Combine outdoor units flexibly to reduce your carbon footprint, optimise your system for continuous heating, and achieve the highest efficiency.

Flexible piping design

Total piping length	1000m
Longest length actual (Equivalent)	165m (190m)
Longest length after first branch	90m[1]
Level difference between indoor and outdoor units	90m[1]
Level difference between indoor units	30m

[1] Outdoor unit in highest position. Consult your local sales representative for restrictions on piping lengths



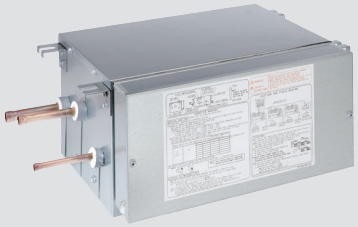
Fully redesigned
BS boxes

Maximum design flexibility and installation speed

› Quickly and flexibly design your system with a unique range of single and multi BS boxes.
› A wide variety of compact and lightweight multi BS boxes greatly reduces installation time.
› Free combination of single and multi BS boxes

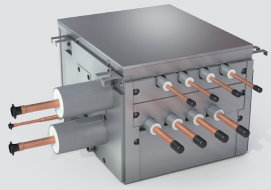
Single port

› Unique to the market
› Compact and light to install
› No drain piping needed
› Ideal for remote rooms
› Technical cooling function
› Connect up to 250 class unit (28 kW)
› Allows multi-tenant applications

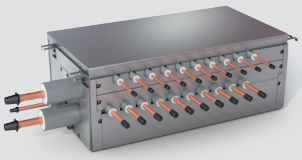

BS1Q 10, 16, 25 A

Multi port: 4 – 6 – 8 – 10 – 12 – 16

› Up to 55% smaller and 41% lighter than previous range
› Faster installation thanks to a reduced number of brazing points and wiring
› All indoor units connectable to one BS box
› Fewer inspection ports needed
› Up to 16 kW capacity available per port
› Connect up to 250 class unit (28kW) by combining 2 ports
› No limit on unused ports, permitting phased installation
› Allows multi-tenant applications


BS 4 Q14 A


BS 6, 8 Q14 A

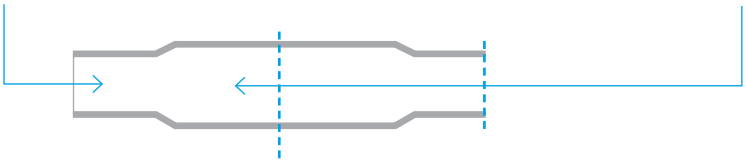

BS 10, 12 Q14 A


BS 16 Q14 A

Faster installation thanks to open connection

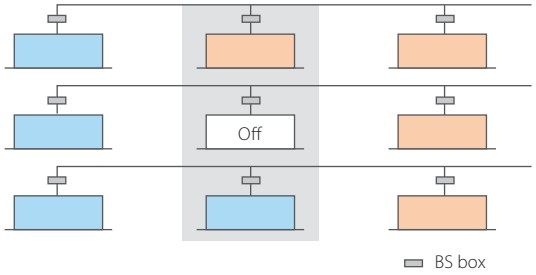
› No need to cut the pipe before brazing – for indoor units smaller or equal to 5.6 kW (50 class)

› Cut and braze the pipe – for indoor units bigger or equal to 7.1 kW (63 class)



Maximum comfort at all times

With the VRV BS box, any indoor unit not being used to switch between heating and cooling maintains the constant desired temperature. This is because our heat recovery system does not need to equalise pressure over the entire system after a change-over.



REYQ-T

VRV IV heat recovery

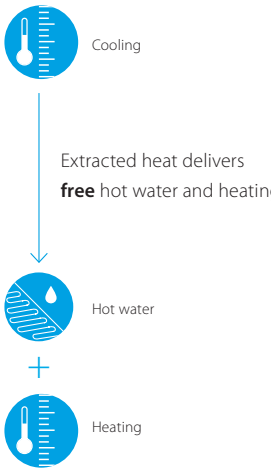
Best efficiency & comfort solution

- Fully integrated solution with heat recovery for maximum efficiency with COPs of up to 8 !
- Covers all thermal needs of a building via a single point of contact: accurate temperature control, ventilation, hot water, air handling units and Biddle air curtains
- „Free" heating and hot water production provided by transferring heat from areas requiring cooling to areas requiring heating or hot water
- The perfect personal comfort for guests/tenants via simultaneous cooling and heating
- Continuous heating during defrost
- Incorporates VRV IV standards & technologies: Variable Refrigerant Temperature, continuous heating, VRV configurator, 7 segment display and full inverter compressors, 4-side heat exchanger, refrigerant cooled PCB, new DC fan motor
- Free combination of outdoor units to meet installation space or efficiency requirements
- Possibility to extend the operation range in cooling down to -20°C for technical cooling operation such as server rooms
- Contains all standard VRV features

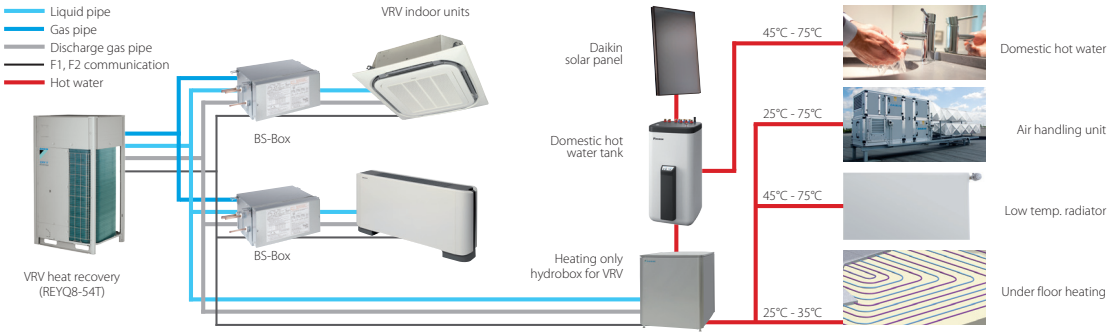
Outdoor system				**REYQ**	**8T**	**10T**	**12T**	**14T**	**16T**	**18T**	**20T**
Capacity range				HP	8	10	12	14	16	18	20
Cooling capacity	Nom.			kW	22.4 (1) / 22.4 (2)	28.0 (1) / 28.0 (2)	33.5 (1) / 33.5 (2)	40.0 (1) / 40.0 (2)	45.0 (1) / 45.0 (2)	50.4 (1)	56.0 (1)
Heating capacity	Nom.			kW	22.4 (3) / 22.40 (4)	28.0 (3) / 28.00 (4)	33.5 (3) / 33.5 (4)	40.0 (3) / 40.00 (4)	45.0 (3) / 45.00 (4)	50.4 (3)	56.0 (3)
	Max.			kW	25.0 (3)	31.5 (3)	37.5 (3)	45.0 (3)	50.0 (3)	56.5 (3)	63.0 (3)
Power input - 50Hz	Cooling	Nom.		kW	5.31 (1) / 4.56 (2)	7.15 (1) / 6.19 (2)	9.23 (1) / 8.31 (2)	10.7 (1) / 9.61 (2)	12.8 (1) / 11.9 (2)	15.2	18.6
	Heating	Nom.		kW	4.75 (3) / 4.47 (4)	6.29 (3) / 5.47 (4)	8.05 (3) / 6.83 (4)	9.60 (3) / 9.37 (4)	11.2 (3) / 9.88 (4)	12.3 (3)	14.9 (3)
		Max.		kW	5.51 (3)	7.38 (3)	9.43 (3)	11.3 (3)	12.9 (3)	14.3	17.5
EER				kW	4.22 (1) / 4.92 (2)	3.92 (1) / 4.52 (2)	3.63 (1) / 4.03 (2)	3.74 (1) / 4.16 (2)	3.52 (1) / 3.79 (2)	3.32	3.01
ESEER - Automatic					7.41	7.37	6.84	7.05	6.63	6.26	5.68
ESEER - Standard					6.25	5.78	5.36	5.45	5.14	4.84	4.39
COP at nominal capacity				kW	4.72 (3) / 5.01 (4)	4.45 (3) / 5.12 (4)	4.16 (3) / 4.90 (4)	4.17 (3) / 4.27 (4)	4.02 (3) / 4.56 (4)	4.10 (3)	3.76 (3)
COP at maximum capacity				kW	4.54 (3)	4.27 (3)	3.98 (3)		3.88 (3)	3.95	3.60
Maximum number of connectable indoor units					64 (5)						
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	HeightxWidthxDepth		mm	1,685x930x765			1,685x1,240x765			
Weight	Unit			kg	210	218		304	305	337	
Fan	Air flow rate	Cooling	Nom.	m^3/min	162	175	185	223	260	251	261
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	-5.0~43.0						
	Heating	Min.~Max.		°CWB	-20~15.5 (6)						
Refrigerant	Type				R-410A						
	Charge			kg	9.7	9.8	9.9	11.8			
				TCO_2eq	20.2	20.5	20.7	24.6			
	GWP				2,087.5						
Piping connections	Liquid	OD		mm	9.52		12.7			15.9	
	Gas	OD		mm	19.1	22.2	28.6				
	Discharge gas	OD		mm	15.9	19.1		22.2			28.6
	Total piping length	System	Actual	m	1,000						
Power supply	Phase/Frequency/Voltage			Hz/V	3N~/50/380-415						
Current - 50Hz	Maximum fuse amps (MFA)			A	20	25		32	40		50

Outdoor system				**REYQ**	**10T**	**13T**	**16T**	**18T**	**20T**	**22T**	**24T**	**26T**	**28T**	**30T**	**32T**
System	Outdoor unit module 1				REMQ5T			REYQ8T		REYQ10T	REYQ8T		REYQ12T		REYQ16T
	Outdoor unit module 2				REMQ5T	REYQ8T		REYQ10T	REYQ12T		REYQ16T	REYQ14T	REYQ16T	REYQ18T	REYQ16T
Capacity range				HP	10	13	16	18	20	22	24	26	28	30	32
Cooling capacity	Nom.			kW	28.0	36.4	44.8	50.4	55.9	61.5	67.4	73.5	78.5	83.9	90.0
Heating capacity	Nom.			kW	28.0	36.4	44.8	50.4	55.9	61.5	67.4	73.5	78.5	83.9	90.0
	Max.			kW	32.0	41.0	50.0	56.5	62.5	69.0	75.0	82.5	87.5	94.0	100.0
Power input - 50Hz	Cooling	Nom.		kW	6.34	8.48	10.62	12.46	14.54	16.38	18.11	19.93	22.03	24.43	25.6
	Heating	Nom.		kW	5.42	7.46	9.50	11.04	12.80	14.34	15.95	17.65	19.25	20.35	22.4
		Max.		kW	6.50	8.76	11.02	12.89	14.94	16.81	18.41	20.73	22.33	23.73	25.8
EER				kW	4.42	4.29	4.22	4.04	3.84	3.75	3.72	3.69	3.56	3.43	3.52
ESEER - Automatic					7.77	7.54	7.41	7.38	7.06	7.07	6.87	6.95	6.72	6.48	6.63
ESEER - Standard					6.55	6.36	6.25	5.98	5.68	5.54	5.46	5.41	5.23	5.03	5.14
COP at nominal capacity				kW	5.17	4.88	4.72	4.57	4.37	4.29	4.23	4.16	4.08	4.12	4.02
COP at maximum capacity				kW	4.92	4.68	4.54	4.38	4.18	4.10	4.07	3.98	3.92	3.96	3.88
Maximum number of connectable indoor units					64 (5)										
Indoor index connection	Min.				125	162.5	200	225	250	275	300	325	350	375	400
	Nom.				250	325.0	400	450	500	550	600	650	700	750	800
	Max.				325	422.5	520	585	650	715	780	845	910	975	1,040
Piping connections	Liquid	OD		mm	9.52	12.7		15.9				19.1			
	Gas	OD		mm	22.2	28.6					34.9				
	Discharge gas	OD		mm	19.1		22.2		28.6						
	Total piping length	System	Actual	m	500					1,000					
Current - 50Hz	Maximum fuse amps (MFA)			A	40				50	63					80
Continuous heating					v										

* Check engineering data for restrictions



REYQ-T

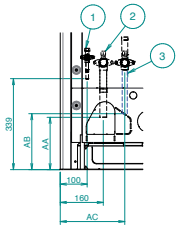


Outdoor system					**REYQ**	**34T**	**36T**	**38T**	**40T**	**42T**	**44T**	**46T**	**48T**	**50T**	**52T**	**54T**
System	Outdoor unit module 1					REYQ16T		REYQ8T	REYQ10T		REYQ12T	REYQ14T		REYQ16T		REYQ18T
	Outdoor unit module 2					REYQ18T	REYQ20T	REYQ12T		REYQ16T					REYQ18T	
	Outdoor unit module 3					-		REYQ18T		REYQ16T				REYQ18T		
Capacity range					HP	34	36	38	40	42	44	46	48	50	52	54
Cooling capacity	Nom.				kW	95.4	101.0	106.3	111.9	118.0	123.5	130.0	135.0	140.4	145.8	151.2
Heating capacity	Nom.				kW	95.4	101.0	106.3	111.9	118.0	123.5	130.0	135.0	140.4	145.8	151.2
	Max.				kW	106.5	113.0	119.0	125.5	131.5	137.5	145.0	150.0	156.5	163.0	169.5
Power input - 50Hz	Cooling	Nom.			kW	28.0	31.4	29.74	31.58	32.75	34.83	36.3	38.4	40.8	43.2	45.6
	Heating	Nom.			kW	23.5	26.1	25.10	26.64	28.69	30.45	32.00	33.6	34.7	35.8	36.9
		Max.			kW	27.2	30.4	29.24	31.11	33.18	35.23	37.1	38.7	40.1	41.5	42.9
EER					kW	3.41	3.22	3.57	3.54	3.60	3.55	3.58	3.52	3.44	3.38	3.32
ESEER - Automatic						6.43	6.06	6.66	6.68	6.79	6.68	6.75	6.63	6.49	6.37	6.26
ESEER - Standard						4.97	4.70	5.25	5.20	5.28	5.20	5.23	5.14	5.03	4.93	4.84
COP at nominal capacity					kW	4.06	3.87	4.24	4.20	4.11	4.06		4.02	4.05	4.07	4.10
COP at maximum capacity					kW	3.92	3.72	4.07	4.03	3.96	3.90	3.91	3.88	3.90	3.93	3.95
Maximum number of connectable indoor units						64 (5)										
Indoor index connection	Min.					425	450	475	500	525	550	575	600	625	650	675
	Nom.					850	900	950	1,000	1,050	1,100	1,150	1,200	1,250	1,300	1,350
	Max.					1,105	1,170	1,235	1,300	1,365	1,430	1,495	1,560	1,625	1,690	1,755
Piping connections	Liquid	OD			mm	19.1										
	Gas	OD			mm	34.9	41.3									
	Discharge gas	OD			mm	28.6		34.9								
	Total piping length	System	Actual		m	1,000										
Current - 50Hz	Maximum fuse amps (MFA)				A	80			100			125				
Continuous heating						v										

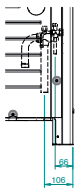
Outdoor unit module				**REMQ**	**5T**
Dimensions	Unit	Height/Width/Depth		mm	1,685/930/765
Weight	Unit			kg	210
Fan	Air flow rate	Cooling	Nom.	m^3/min	162
Sound power level	Cooling	Nom.		dBA	77
Sound pressure level	Cooling	Nom.		dBA	56
Operation range	Cooling	Min.~Max.		°CDB	-5.0~43.0
	Heating	Min.~Max.		°CWB	-20~15.5
Refrigerant	Type				R-410A
	Charge			kg	9.7
				TCO_2eq	20.2
	GWP				2,087.5
Power supply	Phase/Frequency/Voltage			Hz/V	3N~/50/380-415
Current - 50Hz	Maximum fuse amps (MFA)			A	20

(1) Nominal cooling capacities are based on: indoor temperature: 27°CDB, 19°CWB, outdoor temperature: 35°CDB, equivalent refrigerant piping: 5m, level difference: 0m. Data for standard efficiency series (2) Nominal cooling capacities are based on: indoor temperature: 27°CDB, 19°CWB, outdoor temperature: 35°CDB, equivalent refrigerant piping: 5m, level difference: 0m. Data for high efficiency series, Eurovent certified (3) Nominal heating capacities are based on: indoor temperature: 20°CDB, outdoor temperature: 7°CDB, 6°CWB, equivalent refrigerant piping: 5m, level difference: 0m. Data for standard efficiency series (4) Nominal heating capacities are based on: indoor temperature: 20°CDB, outdoor temperature: 7°CDB, 6°CWB, equivalent refrigerant piping: 5m, level difference: 0m. Data for high efficiency series, Eurovent certified (5) Actual number of connectable indoor units depends on the indoor unit type (VRV indoor, Hydrobox, RA indoor, etc.) and the connection ratio restriction for the system (50% <= CR <= 130%) (6) Technical cooling setting, refer to the installation manual for more information | Contains fluorinated greenhouse gases

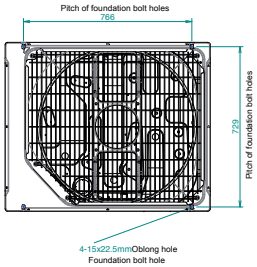
REMQ5T / REYQ8-12T

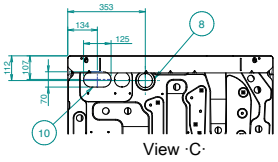


Detail ·A·

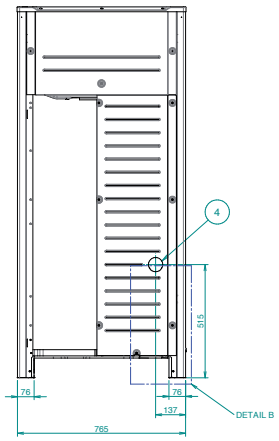


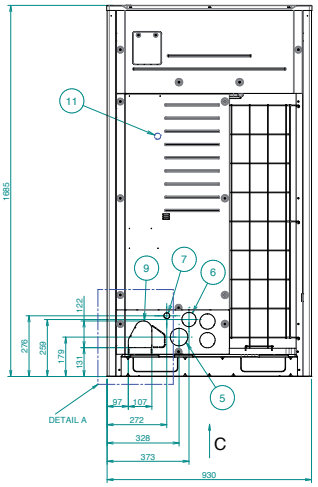
Detail ·B·

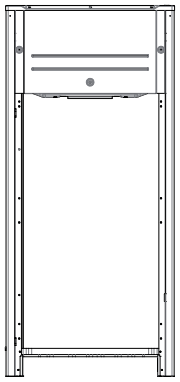




View ·C·







Model	AA	AB	AC
RYYQ8T, RXYQ8T, RXYQQ8T	248	-	-
RYYQ10-12T, RXYQ10-12T, RXYQQ10-12T	195	-	-
RYMQ8T	248	208	240
REMQ5T, RYMQ10-12T, REYQ8-12T	195	208	240

Notes

1. Detail ·A· and detail ·B· indicate the dimensions after fixing the attached piping.
2. Items ·4 - 10·: Knockout hole.
3. Gas pipe
   - RYYQ8T, RYMQ8T, RXYQ8T, RXYQQ8T : Ø ·19.1· brazing connection
   - RYYQ10T, RYMQ10T, RXYQ10T, RXYQQ10T : Ø ·22.2· brazing connection
   - REMQ5T, REYQ8-12T : Ø ·25.4· brazing connection
   - RYYQ12T, RYMQ12T, RXYQ12T, RXYQQ12T : Ø ·28.6· brazing connection

Liquid pipe
- RYYQ8-10T, RYMQ8-10T, RXYQ8-10T, RXYQQ8-10T, REMQ5T, REYQ8-12T : Ø ·9.5· brazing connection
- RYYQ12T, RYMQ12T, RXYQ12T, RXYQQ12T : Ø ·12.7· brazing connection

Equalising pipe
- RYMQ8-10T : Ø ·19.1· brazing connection
- RYMQ12T : Ø ·22.2· brazing connection

High pressure/low pressure gas pipe
- REMQ5T, REYQ8-12T : Ø ·19.1· brazing connection

No.	Part name	Remark
11	Grounding terminal	Inside of the switch box (·M8·)
10	Pipe routing hole (bottom)	
9	Pipe routing hole (front)	
8	Power cord routing hole (bottom)	Ø65
7	Power cord routing hole (front)	Ø27
6	Power cord routing hole (front)	Ø65
5	Power cord routing hole (front)	Ø80
4	Power cord routing hole (side)	Ø65
3	Equalising pipe connection port High pressure/low pressure gas pipe	See note ·3·.
2	Gas pipe connection port	See note ·3·.
1	Liquid pipe connection port	See note ·3·.

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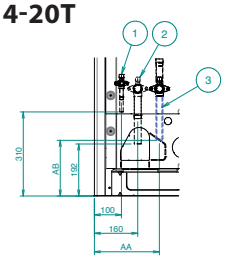
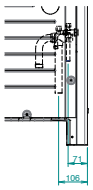
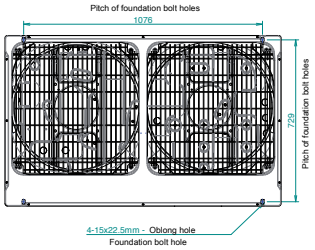
REYQ14-20T

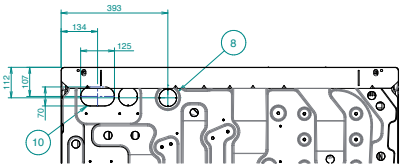


Detail ·A·

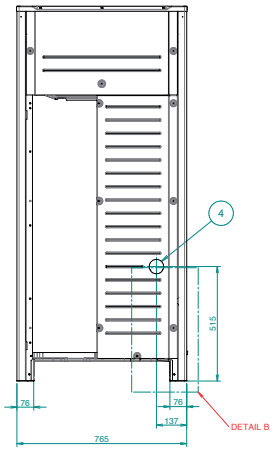


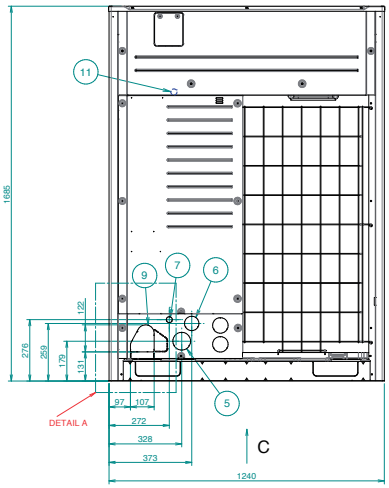
Detail ·B·

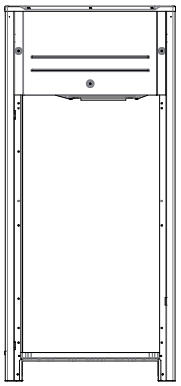




View ·C·







Model	AA	AB
RYMQ14-16T, RXYQQ14-16T, REYQ14-20T	240	205
RYMQ18-20T, RXYQQ18-20T	240	210

Notes

1. Detail ·A· and detail ·B· indicate the dimensions after fixing the attached piping.
2. Items ·4 - 10·: Knockout hole.
3. Gas pipe
   - REYQ14-20T : Ø ·25.4· brazing connection
   - RYYQ14-20T, RYMQ14-20T, RXYQ14-20T, RXYQQ14-20T : Ø ·28.6· brazing connection

Liquid pipe
- RYYQ14-16T, RYMQ14-16T, RXYQ14-16T, RXYQQ14-16T, REYQ14-20T : Ø ·12.7· brazing connection
- RYYQ18-20T, RYMQ18-20T, RXYQ18-20T, RXYQQ18-20T : Ø ·15.9· brazing connection

Equalising pipe
- RYMQ14-16T : Ø ·22.2· brazing connection
- RYMQ18-20T : Ø ·28.6· brazing connection

High pressure/low pressure gas pipe
- REYQ14-20T : Ø ·22.2· brazing connection

No.	Part name	Remark
11	Grounding terminal	Inside of the switch box (·M8·)
10	Pipe routing hole (bottom)	
9	Pipe routing hole (front)	
8	Power cord routing hole (bottom)	Ø65
7	Power cord routing hole (front)	Ø27
6	Power cord routing hole (front)	Ø65
5	Power cord routing hole (front)	Ø80
4	Power cord routing hole (side)	Ø65
3	Equalising pipe connection port High pressure/low pressure gas pipe	See note ·3·.
2	Gas pipe connection port	See note ·3·.
1	Liquid pipe connection port	See note ·3·.

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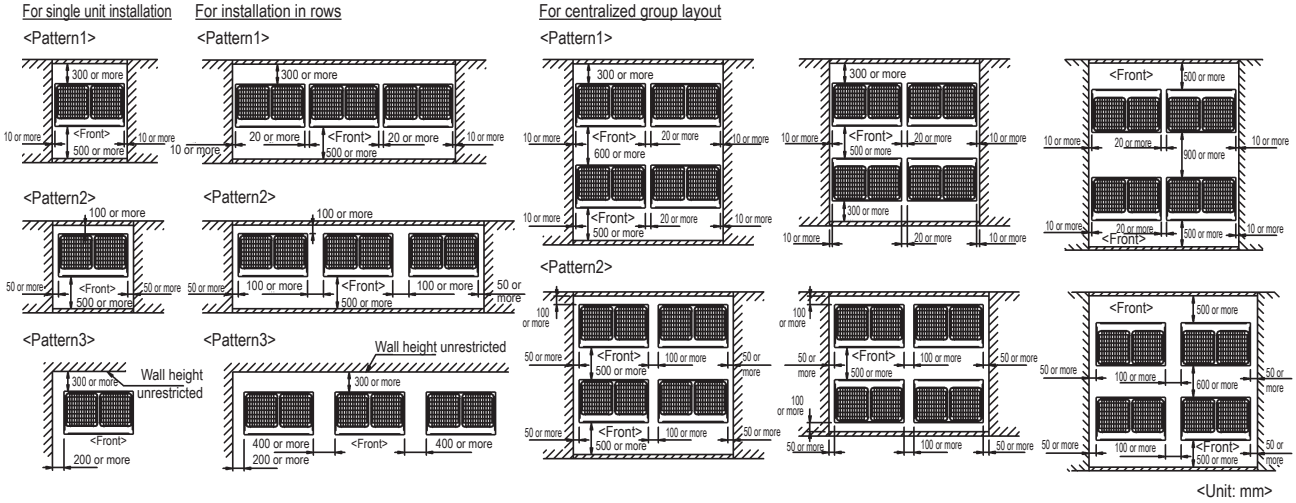
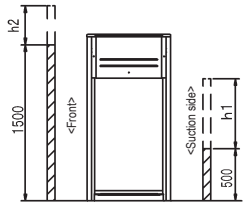
REYQ-T





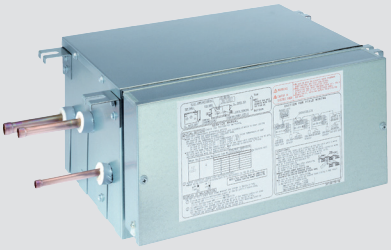
NOTES

1. Heights of walls in case of Patterns 1 and 2:
   Front: 1500mm
   Suction side: 500mm
   Side: Height unrestricted
   Installation space as shown on this drawing is based on the cooling operation at 35 degrees outdoor air temperature.
   When the design outdoor air temperature exceeds 35 degrees or the load exceeds maximum ability because of much generation load of heat in all outdoor units, take the suction side space more broadly than the space as shown in this drawing.
2. If the above wall heights are exceeded then h2/2 and h1/2 should be added to the front and suction side service space respectively as shown in the figure on the right.
3. When installing the units most appropriate pattern should be selected from those shown above in order to obtain the best fit in the space available always bearing in mind the need to leave enough space for a person to pass between units and wall and for the air to circulate freely. (If more units are to be installed than are catered for in the above patterns your layout should take account of the possibility of short circuits.)
4. The units should be installed to leave sufficient space at the front for the on site refrigerant piping work to be carried out comfortably.

3D079542

Individual branch selector for VRV IV heat recovery

- Unique range of single and multi BS boxes for flexible and fast design
- Compact & light to install
- Ideal for remote rooms as no drain piping is needed
- Allows integration of server rooms into the heat recovery solution thanks to technical cooling function
- Connect up to 250 class unit (28kW)
- Faster installation thanks to open connection
- Allows multi tenant applications
- Connectable to REYQ-T, RQCEQ-P3 and RWEYQ-T8 VRV IV heat recovery units



BS1Q-A

Indoor unit				BS	1Q10A	1Q16A	1Q25A
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
Dimensions	Unit	HeightxWidthxDepth		mm	207x388x326		
Weight	Unit			kg	12		15
Casing	Material				Galvanised steel plate		
Piping connections	Outdoor unit	Liquid	OD	mm	9.5		
		Gas	OD	mm	15.9		22.2
		Discharge gas	OD	mm	12.7		19.1
	Indoor unit	Liquid	OD	mm	9.5		
		Gas	OD	mm	15.9		22.2
Sound absorbing thermal insulation					Foamed polyurethane Flame-resistant needle felt		
Power supply	Phase				1~		
	Frequency			Hz	50		
	Voltage			V	220-240		
Total circuit	Maximum fuse amps (MFA)			A	15		

Multi branch selector for VRV IV heat recovery

- Unique range of single and multi BS boxes for flexible and fast design
- Major reduction in installation time thanks to wide range, compact size and light weight multi BS boxes
- Up to 70% smaller and 66% lighter than previous series
- Faster installation thanks to a reduced number of brazing points and wiring
- All indoor units connectable to one BS box
- Less inspection ports needed compared to installing single BS boxes
- Up to 16kW capacity available per port
- Connect up to 250 class unit (28kW) by combining 2 ports
- No limit on unused ports allowing phased installation
- Faster installation thanks to open port connection
- Allows multi-tenant applications
- Connectable to REYQ-T, RQCEQ-P3 and RWEYQ-T8 VRV IV heat recovery units

BS6,8Q14AV1

Indoor unit				BS	4Q14AV1	6Q14AV1	8Q14AV1	10Q14AV1	12Q14AV1	16Q14AV1
Power input	Cooling	Nom.		kW	0.043	0.064	0.086	0.107	0.129	0.172
	Heating	Nom.		kW	0.043	0.064	0.086	0.107	0.129	0.172
Maximum number of connectable indoor units					20	30	40	50	60	64
Maximum number of connectable indoor units per branch					5					
Number of branches					4	6	8	10	12	16
Maximum capacity index of connectable indoor units					400	600	750			
Maximum capacity index of connectable indoor units per branch					140					
Dimensions	Unit	HeightxWidthxDepth		mm	298x370x430	298x580x430		298x820x430		298x1,060x430
Weight	Unit			kg	17	24	26	35	38	50
Casing	Material				Galvanised steel plate					
Piping connections	Outdoor unit	Liquid	OD	mm	9.5	12.7	12.7 / 15.9	15.9	15.9 / 19.1	19.1
		Gas	OD	mm	22.2 / 19.1	28.6 / 22.2	28.6	28.6 / 34.9		34.9
		Discharge gas	OD	mm	19.1 / 15.9	19.1 / 22.2	19.1 / 22.2 / 28.6	28.6		
	Indoor unit	Liquid	OD	mm	9.5 / 6.4					
		Gas	OD	mm	15.9 / 12.7					
	Drain				VP20 (I.D. 20/O.D. 26)					
Sound absorbing thermal insulation					Urethane foam, polyethylene foam					
Power supply	Phase				1~					
	Frequency			Hz	50					
	Voltage			V	220-440					
Total circuit	Maximum fuse amps (MFA)			A	15					