



Air Conditioning

Technical Data

VRVIII heat recovery, with connection to heating only hydrobox



EEEN13-200_4

REYAQ-P

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REYaq-P

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1 Features

- Accurate temperature control, fresh air provision, Biddle air curtains and hot water production, all integrated in a single system requiring only one single point of contact
- Heat recovery maximises energy efficiency with COPs of up to 8 possible!
- Free heating provided by transferring heat from areas requiring cooling to areas requiring heating or hot water
- Perfect comfort: simultaneous heating and cooling
- Compact size leaves maximum floorspace
- Fits any building with either outdoor or indoor installation possible (high external static pressure up to 78.4Pa)
- The ability to control each conditioned zone individually keeps VRV system running costs to an absolute minimum
- Spread your installation cost by phased installation
- Wide range of indoor units: 15 different models in a total of 76 variations
- Keep your system in top condition via our ACNSS service: 24/7 monitoring for maximum efficiency, extended lifetime, immediate service support thanks to failure prediction and a clear understanding of operability and usage



2 Specifications

2-1 Technical Specifications				REYAAQ10P	REYAAQ12P	REYAAQ14P	REYAAQ16P
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)
Capacity control	Steps		%	14 ~ 100		10 ~ 100	
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
Casing	Colour			Daikin White			
	Material			Painted galvanized steel plate			
Dimensions	Unit	Height	mm	1,680			
		Width	mm	1,300			
		Depth	mm	765			
	Packed unit	Height	mm	1,885			
		Width	mm	1,425			
		Depth	mm	860			
Weight	Unit		kg	331		339	
	Packed unit		kg	339		347	
Packing	Material			Cardboard / Wood / EPS			
	Weight		kg	8			
Heat exchanger	Type			Cross fin coil			
Compressor	Quantity			2			
	Type			Hermetically sealed scroll compressor			
	Starting method			Soft start			
Compressor 2	Type			Hermetically sealed scroll compressor			
	Starting method			Soft start			
Fan	Type			Propeller fan			
	Quantity			2			
	Air flow rate	Cooling	Nom.	m³/min	-		
	External static pressure	Max.		Pa	78		
	Discharge direction			Vertical			
Fan motor	Quantity			2			
	Drive			Direct drive			
	Output		W	350		750	
Fan motor 2	Drive			Direct drive			
	Output		W	350		750	
Sound power level	Cooling	Nom.	dBA	78	80	83	84
Sound pressure level	Cooling	Nom.	dBA	58	60	62	63
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 (8)		
		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			

2 Specifications

2-1 Technical Specifications				REY AQ10P	REY AQ12P	REY AQ14P	REY AQ16P
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	m	40		
			Indoor unit in highest position	m	40		
		IU - IU	Max.	m	15		
Additional refrigerant charge		kg/m	See installation manual				
High pressure side	Design pressure	bar	40				
Defrost method				Deicer			
Safety devices	Item	01		HPS			
		02		Fan motor driver overload protector			
		03		Inverter overload protector			
		04		Overcurrent relay			
PED	Category			Category II			

Standard Accessories : Installation manual; Quantity : 1;

2-2 Electrical Specifications			REYAAQ10P	REYAAQ12P	REYAAQ14P	REYAAQ16P
Power supply	Phase		3~			
	Frequency	Hz	50			
	Voltage	V	380-415			
Voltage range	Min.	%	-10			
	Max.	%	6			
Current	Zmax	Text	0.27		-	
Current - 50Hz	Maximum running current	A	22.1	22.3	32.8	33
	Starting current (MSC)	A	74	75	-	
	Minimum Ssc value	kVa	843	850	2,045	2,035
	Maximum fuse amps (MFA)	A	25		40	
Wiring connections - 50Hz	For power supply	Quantity	4G			
		Remark	Select diameter and type according to national and local regulations			
	For connection with indoor	Quantity	2G			
		Remark	F1,F2			
Power supply intake			Both indoor and outdoor unit			

Notes

- (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) Connection ratio information: DX connection ratio: 50%≤x≤130%; Hydrobox connection ratio: x≤100; at least 50% DX connection ratio is required; at least 1 hydrobox (HXHD) is required; Total system connection ratio (DX+hydrobox): 80%≤x≤200%
- (4) European/international technical standard setting the limits for harmonic currents produced by equipment connected to public low-voltage system with input current larger than 16A and ≤ 75A per phase.
- (5) In accordance with EN/IEC 61000-3-11, it may be necessary to consult the distribution network operator to ensure that the equipment is connected only to a supply with Zsys (system impedance) ≤ Zmax
- (6) 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
- (7) Ssc: Short-circuit power
- (8) Field setting

3 Options

3 - 1 Options

HXHD-A REYaq-P

I. Outdoor/Indoor combination table

Heating only hydrobox indoor unit	Outdoor unit	REYaq10P	REYaq12P	REYaq14	REYaq16P
HXHD125A		0	0	0	0

II. Kit availability

1. Kits connected to the outdoor unit

Reference	Description	REYaq10P	REYaq12P	REYaq14P	REYaq16P
KHRQ(M)22M29H8	Refnet header	0	0	0	0
KHRQ(M)22M64H8	Refnet header		0	0	0
KHRQ(M)22M75H8	Refnet joint			0	0
KHRQ(M)22M20T8	Refnet joint	0	0	0	0
KHRQ(M)22M29T9	Refnet joint	0	0	0	0
KHRQ(M)22M64T8	Refnet joint		0	0	0
KHRQ(M)22M75T8	Refnet joint			0	0
KHRQ(M)23M29H8	Refnet header	0	0	0	0
KHRQ(M)23M64H8	Refnet header		0	0	0
KHRQ(M)23M75H8	Refnet joint			0	0
KHRQ(M)23M20T8	Refnet joint	0	0	0	0
KHRQ(M)23M29T9	Refnet joint	0	0	0	0
KHRQ(M)23M64T8	Refnet joint		0	0	0
KHRQ(M)23M75T8	Refnet joint			0	0
KWC25C450	Drain pan kit (1)	0	0	0	0
BSVQ100P8		0 (Δ2)	0 (Δ2)	0 (Δ2)	0 (Δ2)
BSVQ160P8	BSVQ box for Heat Recovery (Individual Branch Selector)	0 (Δ2)	0 (Δ2)	0 (Δ2)	0 (Δ2)
BSVQ250P8		0 (Δ2)	0 (Δ2)	0 (Δ2)	0 (Δ2)
BSV4Q100PV	BSVQ box for Heat Recovery (Multi Branch Selector)	0 (Δ2)	0 (Δ2)	0 (Δ2)	0 (Δ2)
BSV6Q100PV		0 (Δ2)	0 (Δ2)	0 (Δ2)	0 (Δ2)
EKBSVQLNP	Sound reduction kit for individual BSVQ box (Δ1)	0	0	0	0
BHGP26A1	Digital Pressure gauge kit	0	0	0	0

(Δ1): Only available for individual BSVQ boxes (not possible for Central BSV4Q/BSV6Q). (Δ2): - Multi tenant is possible - Need connect option-PCB DTA114A61 to each BSVQ-box & need compatible indoor unit.
Allows to reduce operating sound of BSVQ-box (requires 1 sound kit per BSVQ - box) - Not required for hydro box HXHD125A, only for connection of DX indoor units.

2. Kits connected to the indoor unit

Reference	Description	Indoor Unit
		HXHD125A
EKHTS200[AC]	Stainless domestic hot water tank 200 l	0
EKHTS260[AC]	Stainless domestic hot water tank 260 l	0
EKHTSU200[AC]	Stainless domestic hot water tank 260 l UK - version	0
EKHTSU260[AC]	Stainless domestic hot water tank 260 l UK - version	0
EKHWP300A	PP tank	0
EKHWP500A	PP tank	0
EKRP1HBAA	Digital I/O PCB	0
EKRP1AHTA	Demand PCB (3)	0
EKRUAHTB	Remote user interface [remocon] (4)	0
EKRTWA	Wired Room thermostat (2)	0
EKRTR1	Wireless Room thermostat (2)	0
EKRTETS	Remote sensor for Room thermostat (2)	0

3. Kits connected to the domestic hot water tank

Reference	Description	Domestic hot water tank			
		EKHTS		EKHTSU	
		200A	260A	200AA	260AA
EKUHWHTA	Option kit for UK EKHTSU200-260A	-	-	0	0
EKFMAHTB (5)	Option kit for floor mounted tank	0	0	0	0

Remark: Other combinations are not guaranteed.

(1) For allowed installation, see Installation Manual

(2) Requires Demand PCB EKRP1AHTA

(3) Requires to install to be able to connect Roomthermostat

(4) Same controller as supplied with Cascade unit can be mounted parallel or on other location. If 2 controllers are installed, the installer needs to select 1 master & 1 slave

(5) Only required if tank is NOT mounted on top of cascade indoor unit

NOTES

1 To one outdoor unit, multiple hydrobox units can be connected (≤100% connection ratio; further information, see technical data)

2 All VRV indoor units can be connected.

3TW60659-1A

4 Selection procedure

4 - 1 Selection Procedure

HXHD125A REYAAQ-P

I. Definitions

Index definition of HXHD125A

- 1) Index for selecting *pipng*, calculating *refrigerant charge* and *total connection ratio*
→ Index = 125 (see installation manual & technical specs 3TW60651-1)
- 2) Index for performing unit *capacity* calculation/selection
→ Index depends on leaving water temperature ≠ 125 (details are explained below)

Selection procedure

- Outdoor unit heating capacity (design point conditions) = HC_o [kW]
 - Outdoor unit power input (design point conditions) = PI_o (kW)
 - HXHD125A capacity calculation index = R
 - VRV DX indoor capacity index total = S
 - Total indoor capacity index = index VRV DX connected + HXHD125A capacity calculation index = $S + R = J$
 - HXHD125A heating capacity (design point conditions) = HC (kW)
 - HXHD125A power input* (design point conditions) = PI (kW)
 - HXHD125A cascade step power input = P (kW)
 - ▶ $HC = HC_o / J * 112$
- ▶ See heating capacity table outdoor unit
 - ▶ See heating capacity table outdoor unit
 - ▶ To be looked up (see table below)
 - ▶ To be looked up (depends on VRV DX indoor unit type)
 - ▶ To be calculated
 - ▶ To be calculated
 - ▶ To be calculated
 - ▶ To be looked up

Informational remark

- ▶ $PI = PI_o / J * R + P$

*: total power input required to operate the cascade system = fraction of outdoor unit power input + HXHD cascade step power input

Ila. Cascade step power input and HXHD-A capacity calculation index

RWT [°C]	30	40	45	55	65
LWT [°C]	35	45	55	65	75
P [kW]	1.50	1.79	1.83	2.33	3.25
R	103	100	100	96	88

RWT = entering water temperature

LWT = leaving water temperature

Ilb. Integrated heating capacity correction coefficient for REYAAQ

		Inlet port temperature of heat exchanger (°C/RH 85%)						
β	REYAAQ10/12P	0.97	0.95	0.90	0.86	0.87	0.92	1.00
	REYAAQ14/16P	0.96	0.94	0.89	0.85	0.86	0.91	1.00

Integrated heating capacity = A [kW]

Value given in table of capacity characteristics = B [kW]

Integrated correction factor for frost accumulation = β

$A = B * β$

III. Example

A. Make clear design point

DX indoor units: 4 * ± 5.5 kW @ -7°CDB/-7.6°CWB outdoor ambient conditions / 20°C indoor ambient conditions

Water heating ± 12kW @ -7°CDB/-7.6°CWB outdoor ambient conditions / 65°C LWT

Required capacity for building : ± 34kW

→ VRV DX indoor units "50" type

→ HXHD

→ REYAAQ14*

A1. Calculate total indoor capacity index

VRV indoor units: 4 * "50" type: S

HXHD125A: R

→ $J = R + S$

S	200
R	96
J	296

A2. HXHD specifications at design point

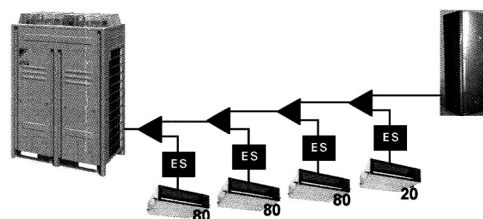
$HC = HC_o / J * 112$

$PI = PI_o / J * R + P$

Heating capacity left for DX indoor units

Heating capacity left for DX indoor

HC [kW]	12.5
PI [kW]	5.39
[kW]	22.4 (x33.5*200/255)
[kW]	5.59



Capacity	6.30
p [kW]	2.33
HC _o [kW]	33.1
PI _o [kW]	9.44

Look up in heating capacity table [=f (Ta indoor; Ta outdoor; HP)]

Look up in heating capacity table [=f (Ta indoor; Ta outdoor; HP)]

Look up table above [=f (leaving water temperature)]

Look up table above [=f (leaving water temperature)]

→ Decide outdoor unit HP class

S: Depends on DX indoor unit selection

R: Look up table above

J: Σ (S, R)

B. Check connection ratio

At least 1HXHD-A			OK
DX connection ratio: 50% ≤ x ≤ 130 %	200/350	57%	OK
HXHD-A connection ratio ≤ 100%	125/350	36%	OK
Total connection ratio: 80% ≤ x ≤ 200%	325/350	93%	OK

3TW60669-2A

5 Capacity tables

5 - 1 Cooling Capacity Tables

REYaq10P

TC: Total Capacity: kW ; PI: Power Input: kW (compressor + outdoor fan motor)

Combination (%)	Capacity index (kW)	Outdoor air temp. (°CDB)	Indoor air temperature:													
			14.0 °CWB		16.0 °CWB		18.0 °CWB		19.0 °CWB		20.0 °CWB		22.0 °CWB		24.0 °CWB	
			20.0 °CDB		23.0 °CDB		26.0 °CDB		27.0 °CDB		28.0 °CDB		30.0 °CDB		32.0 °CDB	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130	325 (36.40)	10	24.6	3.26	29.3	4.00	34.0	4.75	35.3	4.75	35.7	4.75	36.6	4.75	37.5	4.75
		12	24.6	3.32	29.3	4.07	34.0	4.84	34.8	4.84	35.3	4.84	36.1	4.84	37.0	4.84
		14	24.6	3.39	29.3	4.15	33.9	4.90	34.4	4.90	34.8	4.90	35.7	4.90	36.6	4.90
		16	24.6	3.45	29.3	4.23	33.5	4.88	33.9	4.90	34.3	4.90	35.2	4.90	36.1	4.91
		18	24.6	3.52	29.3	4.31	33.0	5.07	33.4	5.09	33.9	5.12	34.8	5.17	35.7	5.22
		20	24.6	3.59	29.3	4.60	32.5	5.31	33.0	5.34	33.4	5.37	34.3	5.42	35.2	5.47
		21	24.6	3.69	29.3	4.76	32.3	5.44	32.8	5.47	33.2	5.49	34.1	5.55	35.0	5.60
		23	24.6	3.95	29.3	5.10	31.9	5.69	32.3	5.71	32.7	5.74	33.6	5.80	34.5	5.86
		25	24.6	4.23	29.3	5.47	31.4	5.93	31.9	5.97	32.3	6.00	33.2	6.06	34.1	6.12
		27	24.6	4.51	29.3	5.85	31.0	6.18	31.4	6.22	31.8	6.25	32.7	6.31	33.6	6.38
		29	24.6	4.82	29.3	6.25	30.5	6.44	30.9	6.47	31.4	6.50	32.3	6.57	33.2	6.64
		31	24.6	5.14	29.2	6.61	30.0	6.69	30.5	6.72	30.9	6.76	31.8	6.83	32.7	6.91
		33	24.6	5.48	28.7	6.86	29.6	6.94	30.0	6.98	30.5	7.02	31.4	7.09	32.2	7.17
		35	24.6	5.83	28.2	7.11	29.1	7.19	29.6	7.23	30.0	7.28	30.9	7.36	31.8	7.44
		37	24.6	6.21	27.8	7.36	28.7	7.45	29.1	7.49	29.6	7.54	30.4	7.62	31.3	7.71
		39	24.6	6.61	27.3	7.62	28.2	7.71	28.7	7.75	29.1	7.80	30.0	7.89	30.9	7.98
120	300 (36.60)	10	22.7	2.98	27.0	3.64	31.4	4.33	33.6	4.68	35.2	4.68	36.0	4.68	36.8	4.68
		12	22.7	3.04	27.0	3.71	31.4	4.41	33.6	4.77	34.7	4.77	35.5	4.77	36.3	4.77
		14	22.7	3.09	27.0	3.78	31.4	4.50	33.6	4.86	34.2	4.86	35.1	4.86	35.9	4.86
		16	22.7	3.15	27.0	3.86	31.4	4.59	33.4	4.90	33.8	4.90	34.6	4.90	35.4	4.91
		18	22.7	3.21	27.0	3.93	31.4	4.74	32.9	5.06	33.3	5.09	34.1	5.13	35.0	5.18
		20	22.7	3.28	27.0	4.09	31.4	5.10	32.5	5.31	32.9	5.33	33.7	5.38	34.5	5.43
		21	22.7	3.31	27.0	4.23	31.4	5.28	32.2	5.43	32.6	5.46	33.5	5.51	34.3	5.56
		23	22.7	3.53	27.0	4.54	31.4	5.65	31.8	5.68	32.2	5.71	33.0	5.76	33.8	5.81
		25	22.7	3.78	27.0	4.85	30.9	5.90	31.3	5.93	31.7	5.96	32.6	6.01	33.4	6.07
		27	22.7	4.03	27.0	5.19	30.5	6.15	30.9	6.18	31.3	6.21	32.1	6.27	32.9	6.33
		29	22.7	4.30	27.0	5.54	30.0	6.40	30.4	6.43	30.8	6.46	31.6	6.52	32.5	6.59
		31	22.7	4.58	27.0	5.92	29.6	6.65	30.0	6.68	30.4	6.71	31.2	6.78	32.0	6.85
		33	22.7	4.88	27.0	6.31	29.1	6.90	29.5	6.93	29.9	6.97	30.7	7.04	31.5	7.11
		35	22.7	5.20	27.0	6.73	28.6	7.15	29.0	7.19	29.5	7.22	30.3	7.30	31.1	7.37
		37	22.7	5.53	27.0	7.17	28.2	7.40	28.6	7.44	29.0	7.48	29.8	7.56	30.6	7.64
		39	22.7	5.88	26.9	7.57	27.7	7.66	28.1	7.70	28.5	7.74	29.4	7.82	30.2	7.91
110	275 (30.80)	10	20.8	2.71	24.8	3.30	28.8	3.92	30.8	4.23	32.8	4.56	35.3	4.66	36.1	4.66
		12	20.8	2.76	24.8	3.36	28.8	3.99	30.8	4.31	32.8	4.64	34.9	4.75	35.6	4.75
		14	20.8	2.81	24.8	3.42	28.8	4.07	30.8	4.40	32.8	4.73	34.4	4.84	35.2	4.84
		16	20.8	2.86	24.8	3.49	28.8	4.15	30.8	4.48	32.8	4.82	34.0	4.90	34.7	4.91
		18	20.8	2.91	24.8	3.56	28.8	4.23	30.8	4.61	32.8	5.05	33.5	5.10	34.3	5.14
		20	20.8	2.97	24.8	3.63	28.8	4.48	30.8	4.95	32.3	5.30	33.1	5.35	33.8	5.39
		21	20.8	3.00	24.8	3.74	28.8	4.64	30.8	5.13	32.1	5.42	32.8	5.47	33.6	5.52
		23	20.8	3.14	24.8	4.00	28.8	4.97	30.8	5.50	31.6	5.67	32.4	5.72	33.1	5.77
		25	20.8	3.35	24.8	4.28	28.8	5.33	30.8	5.89	31.2	5.92	31.9	5.97	32.7	6.02
		27	20.8	3.58	24.8	4.57	28.8	5.70	30.3	6.14	30.7	6.17	31.5	6.22	32.2	6.28
		29	20.8	3.81	24.8	4.88	28.8	6.09	29.9	6.39	30.3	6.42	31.0	6.48	31.8	6.53
		31	20.8	4.06	24.8	5.21	28.8	6.50	29.4	6.64	29.8	6.67	30.6	6.73	31.3	6.79
		33	20.8	4.32	24.8	5.55	28.6	6.85	29.0	6.89	29.4	6.92	30.1	6.99	30.9	7.05
		35	20.8	4.60	24.8	5.91	28.2	7.10	28.5	7.14	28.9	7.17	29.6	7.24	30.4	7.31
		37	20.8	4.89	24.8	6.30	27.7	7.35	28.1	7.39	28.4	7.43	29.2	7.50	29.9	7.57
		39	20.8	5.20	24.8	6.71	27.2	7.61	27.6	7.64	28.0	7.68	28.7	7.76	29.5	7.84
100	250 (28.00)	10	18.9	2.44	22.5	2.96	26.2	3.51	28.0	3.79	29.8	4.08	33.5	4.66	35.4	4.66
		12	18.9	2.49	22.5	3.02	26.2	3.58	28.0	3.86	29.8	4.16	33.5	4.75	34.9	4.75
		14	18.9	2.53	22.5	3.07	26.2	3.64	28.0	3.94	29.8	4.24	33.5	4.84	34.5	4.84
		16	18.9	2.58	22.5	3.13	26.2	3.71	28.0	4.01	29.8	4.32	33.4	4.90	34.0	4.91
		18	18.9	2.62	22.5	3.19	26.2	3.79	28.0	4.09	29.8	4.40	32.9	5.06	33.6	5.10
		20	18.9	2.67	22.5	3.25	26.2	3.90	28.0	4.30	29.8	4.72	32.4	5.31	33.1	5.35
		21	18.9	2.70	22.5	3.29	26.2	4.04	28.0	4.45	29.8	4.89	32.2	5.43	32.9	5.47
		23	18.9	2.77	22.5	3.50	26.2	4.33	28.0	4.77	29.8	5.24	31.8	5.68	32.4	5.72
		25	18.9	2.96	22.5	3.75	26.2	4.63	28.0	5.11	29.8	5.61	31.3	5.93	32.0	5.97
		27	18.9	3.15	22.5	4.00	26.2	4.95	28.0	5.46	29.8	6.00	30.8	6.18	31.5	6.23
		29	18.9	3.36	22.5	4.26	26.2	5.28	28.0	5.84	29.7	6.37	30.4	6.43	31.1	6.48
		31	18.9	3.57	22.5	4.54	26.2	5.64	28.0	6.23	29.3	6.62	29.9	6.68	30.6	6.73
		33	18.9	3.80	22.5	4.84	26.2	6.01	28.0	6.65	28.8	6.87	29.5	6.93	30.2	6.99
		35	18.9	4.04	22.5	5.15	26.2	6.41	28.0	7.09	28.3	7.12	29.0	7.18	29.7	7.25
		37	18.9	4.29	22.5	5.48	26.2	6.83	27.5	7.34	27.9	7.37	28.6	7.44	29.2	7.51
		39	18.9	4.55	22.5	5.83	26.2	7.27	27.1	7.59	27.4	7.63	28.1	7.70	28.8	7.76

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NOTES - ANMERKUNGEN - Σημειώσεις - NOTAS - REMARQUES - NOTE - OPMERKINGEN - примечания - NOTLAR

- 1 The above table shows the average value of conditions which may occur.
Die obige Tabelle zeigt den Durchschnittswert der Bedingungen, die auftreten können.
 Στον παραπάνω πίνακα αναγράφεται η μέση τιμή για συνθήκες που μπορεί να προκύψουν.
La tabla de arriba muestra el valor medio de condiciones que pueden ocurrir.
 Le tableau ci-dessus donne la valeur moyenne pour des conditions qui peuvent survenir.
La tabella in alto mostra il valore delle condizioni medie che si possono riscontrare.
 De tabel hierboven geeft de gemiddelde waarde aan van situaties die kunnen voorvallen.
 Таблица расположенная выше показывает среднее значение условий, которые могут наступить.
 Yukarıdaki tablo meydana gelebilecek koşulların ortalama değerini göstermektedir.

5 Capacity tables

5 - 1 Cooling Capacity Tables

REYAAQ10P

TC: Total Capacity: kW ; PI: Power Input: kW (compressor + outdoor fan motor)

Combination (%)	Capacity index (kW)	Outdoor air temp. (°CDB)	Indoor air temperature:													
			14.0 °CWB		16.0 °CWB		18.0 °CWB		19.0 °CWB		20.0 °CWB		22.0 °CWB		24.0 °CWB	
			20.0 °CDB		23.0 °CDB		26.0 °CDB		27.0 °CDB		28.0 °CDB		30.0 °CDB		32.0 °CDB	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
90	225 (25.20)	10	17.0	2.19	20.3	2.64	23.6	3.11	25.2	3.36	26.8	3.61	30.1	4.13	33.4	4.65
		12	17.0	2.22	20.3	2.68	23.6	3.17	25.2	3.42	26.8	3.68	30.1	4.20	33.4	4.74
		14	17.0	2.26	20.3	2.73	23.6	3.23	25.2	3.49	26.8	3.75	30.1	4.28	33.4	4.83
		16	17.0	2.30	20.3	2.78	23.6	3.29	25.2	3.56	26.8	3.82	30.1	4.37	33.3	4.91
		18	17.0	2.34	20.3	2.84	23.6	3.36	25.2	3.62	26.8	3.90	30.1	4.45	32.9	5.06
		20	17.0	2.39	20.3	2.89	23.6	3.42	25.2	3.70	26.8	4.04	30.1	4.79	32.4	5.31
		21	17.0	2.41	20.3	2.92	23.6	3.48	25.2	3.83	26.8	4.19	30.1	4.96	32.2	5.43
		23	17.0	2.46	20.3	3.04	23.6	3.73	25.2	4.10	26.8	4.49	30.1	5.32	31.7	5.68
		25	17.0	2.59	20.3	3.25	23.6	3.98	25.2	4.38	26.8	4.80	30.1	5.70	31.3	5.93
		27	17.0	2.75	20.3	3.46	23.6	4.25	25.2	4.68	26.8	5.13	30.1	6.09	30.8	6.18
		29	17.0	2.93	20.3	3.69	23.6	4.54	25.2	5.00	26.8	5.48	29.8	6.38	30.4	6.43
		31	17.0	3.11	20.3	3.93	23.6	4.84	25.2	5.33	26.8	5.85	29.3	6.63	29.9	6.68
		33	17.0	3.31	20.3	4.18	23.6	5.16	25.2	5.68	26.8	6.24	28.9	6.88	29.5	6.93
		35	17.0	3.51	20.3	4.44	23.6	5.49	25.2	6.06	26.8	6.65	28.4	7.13	29.0	7.18
		37	17.0	3.73	20.3	4.73	23.6	5.85	25.2	6.45	26.8	7.09	27.9	7.38	28.6	7.44
		39	17.0	3.95	20.3	5.02	23.6	6.22	25.2	6.87	26.8	7.55	27.5	7.63	28.1	7.69
80	200 (22.40)	10	15.1	1.94	18.0	2.32	20.9	2.73	22.4	2.94	23.9	3.16	26.8	3.60	29.7	4.06
		12	15.1	1.97	18.0	2.36	20.9	2.78	22.4	3.00	23.9	3.22	26.8	3.67	29.7	4.13
		14	15.1	2.01	18.0	2.41	20.9	2.83	22.4	3.05	23.9	3.28	26.8	3.74	29.7	4.21
		16	15.1	2.04	18.0	2.45	20.9	2.88	22.4	3.11	23.9	3.34	26.8	3.81	29.7	4.29
		18	15.1	2.07	18.0	2.49	20.9	2.94	22.4	3.17	23.9	3.40	26.8	3.89	29.7	4.38
		20	15.1	2.11	18.0	2.54	20.9	3.00	22.4	3.23	23.9	3.47	26.8	4.03	29.7	4.69
		21	15.1	2.13	18.0	2.57	20.9	3.03	22.4	3.26	23.9	3.54	26.8	4.17	29.7	4.85
		23	15.1	2.17	18.0	2.61	20.9	3.17	22.4	3.48	23.9	3.79	26.8	4.47	29.7	5.20
		25	15.1	2.24	18.0	2.78	20.9	3.39	22.4	3.71	23.9	4.05	26.8	4.78	29.7	5.57
		27	15.1	2.38	18.0	2.97	20.9	3.61	22.4	3.96	23.9	4.33	26.8	5.11	29.7	5.96
		29	15.1	2.53	18.0	3.16	20.9	3.85	22.4	4.23	23.9	4.62	26.8	5.46	29.7	6.37
		31	15.1	2.69	18.0	3.36	20.9	4.10	22.4	4.51	23.9	4.93	26.8	5.83	29.2	6.62
		33	15.1	2.85	18.0	3.57	20.9	4.37	22.4	4.80	23.9	5.25	26.8	6.22	28.8	6.87
		35	15.1	3.03	18.0	3.79	20.9	4.65	22.4	5.11	23.9	5.59	26.8	6.63	28.3	7.12
		37	15.1	3.21	18.0	4.03	20.9	4.94	22.4	5.43	23.9	5.95	26.8	7.06	27.9	7.37
		39	15.1	3.40	18.0	4.27	20.9	5.25	22.4	5.78	23.9	6.34	26.8	7.52	27.4	7.62
70	175 (19.60)	10	13.2	1.71	15.8	2.03	18.3	2.36	19.6	2.54	20.9	2.72	23.4	3.09	26.0	3.48
		12	13.2	1.73	15.8	2.06	18.3	2.41	19.6	2.59	20.9	2.77	23.4	3.15	26.0	3.54
		14	13.2	1.76	15.8	2.09	18.3	2.45	19.6	2.63	20.9	2.82	23.4	3.21	26.0	3.61
		16	13.2	1.79	15.8	2.13	18.3	2.49	19.6	2.68	20.9	2.87	23.4	3.27	26.0	3.68
		18	13.2	1.82	15.8	2.17	18.3	2.54	19.6	2.73	20.9	2.93	23.4	3.33	26.0	3.75
		20	13.2	1.85	15.8	2.21	18.3	2.59	19.6	2.78	20.9	2.99	23.4	3.40	26.0	3.86
		21	13.2	1.86	15.8	2.23	18.3	2.61	19.6	2.81	20.9	3.01	23.4	3.45	26.0	3.99
		23	13.2	1.90	15.8	2.27	18.3	2.66	19.6	2.91	20.9	3.16	23.4	3.70	26.0	4.28
		25	13.2	1.93	15.8	2.36	18.3	2.84	19.6	3.10	20.9	3.37	23.4	3.95	26.0	4.58
		27	13.2	2.04	15.8	2.51	18.3	3.03	19.6	3.31	20.9	3.60	23.4	4.22	26.0	4.89
		29	13.2	2.17	15.8	2.67	18.3	3.22	19.6	3.52	20.9	3.84	23.4	4.50	26.0	5.22
		31	13.2	2.30	15.8	2.83	18.3	3.43	19.6	3.75	20.9	4.08	23.4	4.80	26.0	5.57
		33	13.2	2.43	15.8	3.01	18.3	3.65	19.6	3.99	20.9	4.35	23.4	5.11	26.0	5.94
		35	13.2	2.58	15.8	3.19	18.3	3.87	19.6	4.24	20.9	4.62	23.4	5.44	26.0	6.33
		37	13.2	2.73	15.8	3.38	18.3	4.11	19.6	4.51	20.9	4.92	23.4	5.80	26.0	6.75
		39	13.2	2.89	15.8	3.59	18.3	4.37	19.6	4.79	20.9	5.23	23.4	6.17	26.0	7.19
60	150 (16.80)	10	11.3	1.48	13.5	1.74	15.7	2.02	16.8	2.16	17.9	2.31	20.1	2.61	22.3	2.92
		12	11.3	1.51	13.5	1.77	15.7	2.05	16.8	2.20	17.9	2.35	20.1	2.65	22.3	2.98
		14	11.3	1.53	13.5	1.80	15.7	2.08	16.8	2.23	17.9	2.39	20.1	2.70	22.3	3.03
		16	11.3	1.55	13.5	1.83	15.7	2.12	16.8	2.27	17.9	2.43	20.1	2.75	22.3	3.09
		18	11.3	1.57	13.5	1.86	15.7	2.16	16.8	2.31	17.9	2.47	20.1	2.80	22.3	3.15
		20	11.3	1.60	13.5	1.89	15.7	2.20	16.8	2.36	17.9	2.52	20.1	2.86	22.3	3.21
		21	11.3	1.61	13.5	1.90	15.7	2.22	16.8	2.38	17.9	2.54	20.1	2.89	22.3	3.24
		23	11.3	1.64	13.5	1.94	15.7	2.26	16.8	2.42	17.9	2.59	20.1	3.00	22.3	3.45
		25	11.3	1.67	13.5	1.97	15.7	2.35	16.8	2.55	17.9	2.76	20.1	3.20	22.3	3.68
		27	11.3	1.73	13.5	2.09	15.7	2.50	16.8	2.71	17.9	2.94	20.1	3.41	22.3	3.93
		29	11.3	1.83	13.5	2.22	15.7	2.65	16.8	2.88	17.9	3.13	20.1	3.64	22.3	4.19
		31	11.3	1.94	13.5	2.36	15.7	2.82	16.8	3.07	17.9	3.32	20.1	3.87	22.3	4.47
		33	11.3	2.05	13.5	2.50	15.7	2.99	16.8	3.26	17.9	3.53	20.1	4.12	22.3	4.76
		35	11.3	2.17	13.5	2.64	15.7	3.17	16.8	3.46	17.9	3.75	20.1	4.38	22.3	5.06
		37	11.3	2.29	13.5	2.80	15.7	3.37	16.8	3.67	17.9	3.98	20.1	4.66	22.3	5.39
		39	11.3	2.42	13.5	2.96	15.7	3.57	16.8	3.89	17.9	4.23	20.1	4.95	22.3	5.73
50	125 (14.00)	10	9.45	1.28	11.3	1.48	13.1	1.69	14.0	1.80	14.9	1.92	16.7	2.15	18.6	2.40
		12	9.45	1.29	11.3	1.50	13.1	1.72	14.0	1.83	14.9	1.95	16.7	2.19	18.6	2.44
		14	9.45	1.31	11.3	1.52	13.1	1.74	14.0	1.86	14.9	1.98	16.7	2.22	18.6	2.48
		16	9.45	1.33	11.3	1.54	13.1	1.77	14.0	1.89	14.9	2.01	16.7	2.26	18.6	2.53
		18	9.45	1.35	11.3	1.57	13.1	1.80	14.0	1.92	14.9	2.05	16.7	2.30	18.6	2.57
		20	9.45	1.37	11.3	1.59	13.1	1.83	14.0	1.95	14.9	2.08	16.7	2.35	18.6	2.62
		21	9.45	1.38	11.3	1.60	13.1	1.85	14.0	1.97	14.9	2.10	16.7	2.37	18.6	2.65
		23	9.45	1.40	11.3	1.63	13.1	1.88	14.0	2.01	14.9	2.14	16.7	2.41	18.6	2.71
		25	9.45	1.42	11.3	1.66	13.1	1.91	14.0	2.05	14.9	2.20	16.7	2.53	18.6	2.89
		27	9.45	1.44	11.3	1.72	13.1	2.02	14.0	2.18	14.9	2.34	16.7	2.70	18.6	3.08
		29	9.45	1.52	11.3	1.82	13.1	2.14	14.0	2.31	14.9	2.49	16.7	2.87	18.6	3.28
		31	9.45	1.61	11.3	1.92	13.1	2.27	14.0	2.45	14.9	2.64	16.7	3.05	18.6	3.48
		33	9.45	1.70	11.3	2.04	13.1	2.40	14.0	2.60	14.9	2.81	16.7	3.24	18.6	3.71
		35	9.45	1.79	11.3	2.15	13.1	2.55	14.0	2.76	14.9	2.97	16.7	3.44	18.6	3.94
		37	9.45	1.89	11.3	2.27	13.1	2.69	14.0	2.92	14.9	3.15	16.7	3.65	18.6	4.18
		39	9.45	1.99	11.3	2.40	13.1	2.85	14.0	3.09	14.9	3.34	16.7	3.87	18.6	4.44

5 Capacity tables

5 - 1 Cooling Capacity Tables

REYAAQ12P

TC: Total Capacity: kW ; PI: Power Input: kW (compressor + outdoor fan motor)

Combination (%)	Capacity index (kW)	Outdoor air temp. (°CDB)	Indoor air temperature:													
			14.0 °CWB		16.0 °CWB		18.0 °CWB		19.0 °CWB		20.0 °CWB		22.0 °CWB		24.0 °CWB	
			20.0 °CDB		23.0 °CDB		26.0 °CDB		27.0 °CDB		28.0 °CDB		30.0 °CDB		32.0 °CDB	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130	390 (43.55)	10	29.4	4.02	35.1	4.92	40.7	5.85	42.2	5.85	42.7	5.85	43.8	5.85	44.8	5.85
		12	29.4	4.09	35.1	5.01	40.7	5.96	41.6	5.96	42.2	5.96	43.2	5.96	44.3	5.96
		14	29.4	4.17	35.1	5.10	40.6	6.03	41.1	6.03	41.6	6.03	42.7	6.03	43.8	6.03
		16	29.4	4.25	35.1	5.20	40.0	6.00	40.6	6.02	41.1	6.02	42.1	6.03	43.2	6.04
		18	29.4	4.33	35.1	5.31	39.5	6.23	40.0	6.26	40.5	6.29	41.6	6.35	42.7	6.42
		20	29.4	4.42	35.1	5.65	38.9	6.54	39.5	6.57	40.0	6.60	41.1	6.67	42.1	6.73
		21	29.4	4.54	35.1	5.86	38.7	6.69	39.2	6.72	39.7	6.76	40.8	6.82	41.8	6.89
		23	29.4	4.86	35.1	6.28	38.1	6.99	38.7	7.03	39.2	7.06	40.2	7.14	41.3	7.21
		25	29.4	5.20	35.1	6.72	37.6	7.30	38.1	7.34	38.6	7.37	39.7	7.45	40.8	7.53
		27	29.4	5.55	35.1	7.19	37.0	7.61	37.6	7.65	38.1	7.69	39.2	7.77	40.2	7.85
		29	29.4	5.93	35.1	7.68	36.5	7.91	37.0	7.96	37.5	8.00	38.6	8.08	39.7	8.17
		31	29.4	6.32	34.9	8.13	35.9	8.22	36.5	8.27	37.0	8.31	38.1	8.40	39.1	8.49
		33	29.4	6.74	34.3	8.44	35.4	8.54	35.9	8.58	36.5	8.63	37.5	8.73	38.6	8.82
		35	29.4	7.18	33.8	8.75	34.9	8.85	35.4	8.90	35.9	8.95	37.0	9.05	38.0	9.15
		37	29.4	7.64	33.2	9.06	34.3	9.16	34.8	9.21	35.4	9.27	36.4	9.37	37.5	9.48
		39	29.4	8.14	32.7	9.37	33.8	9.48	34.3	9.53	34.8	9.59	35.9	9.70	36.9	9.81
120	360 (40.20)	10	27.1	3.67	32.4	4.48	37.6	5.33	40.2	5.76	42.1	5.76	43.0	5.76	44.0	5.76
		12	27.1	3.74	32.4	4.57	37.6	5.43	40.2	5.87	41.5	5.87	42.5	5.87	43.5	5.87
		14	27.1	3.81	32.4	4.65	37.6	5.53	40.2	5.98	41.0	5.98	41.9	5.98	42.9	5.98
		16	27.1	3.88	32.4	4.74	37.6	5.64	39.9	6.02	40.4	6.02	41.4	6.03	42.4	6.04
		18	27.1	3.95	32.4	4.84	37.6	5.83	39.4	6.23	39.9	6.26	40.9	6.31	41.8	6.37
		20	27.1	4.03	32.4	5.03	37.6	6.27	38.8	6.53	39.3	6.56	40.3	6.62	41.3	6.68
		21	27.1	4.07	32.4	5.21	37.6	6.50	38.6	6.68	39.1	6.71	40.0	6.77	41.0	6.84
		23	27.1	4.35	32.4	5.58	37.5	6.95	38.0	6.99	38.5	7.02	39.5	7.09	40.5	7.15
		25	27.1	4.65	32.4	5.97	37.0	7.26	37.5	7.29	38.0	7.33	38.9	7.40	39.9	7.47
		27	27.1	4.96	32.4	6.38	36.4	7.56	36.9	7.60	37.4	7.64	38.4	7.71	39.4	7.78
		29	27.1	5.29	32.4	6.82	35.9	7.87	36.4	7.91	36.9	7.95	37.9	8.02	38.8	8.10
		31	27.1	5.64	32.4	7.28	35.4	8.17	35.8	8.22	36.3	8.26	37.3	8.34	38.3	8.42
		33	27.1	6.00	32.4	7.76	34.8	8.48	35.3	8.53	35.8	8.57	36.8	8.66	37.7	8.75
		35	27.1	6.39	32.4	8.28	34.3	8.79	34.8	8.84	35.2	8.88	36.2	8.98	37.2	9.07
		37	27.1	6.80	32.4	8.82	33.7	9.10	34.2	9.15	34.7	9.20	35.7	9.30	36.7	9.40
		39	27.1	7.24	32.2	9.31	33.2	9.42	33.7	9.47	34.2	9.52	35.1	9.62	36.1	9.72
110	330 (36.85)	10	24.9	3.33	29.7	4.06	34.5	4.82	36.9	5.21	39.2	5.60	42.3	5.73	43.2	5.73
		12	24.9	3.39	29.7	4.13	34.5	4.91	36.9	5.31	39.2	5.71	41.7	5.84	42.6	5.84
		14	24.9	3.45	29.7	4.21	34.5	5.00	36.9	5.41	39.2	5.82	41.2	5.95	42.1	5.95
		16	24.9	3.52	29.7	4.29	34.5	5.10	36.9	5.51	39.2	5.93	40.6	6.03	41.5	6.04
		18	24.9	3.58	29.7	4.38	34.5	5.20	36.9	5.66	39.2	6.22	40.1	6.27	41.0	6.32
		20	24.9	3.65	29.7	4.46	34.5	5.51	36.9	6.09	38.7	6.52	39.6	6.57	40.5	6.63
		21	24.9	3.69	29.7	4.60	34.5	5.71	36.9	6.31	38.4	6.67	39.3	6.73	40.2	6.78
		23	24.9	3.86	29.7	4.92	34.5	6.12	36.9	6.77	37.8	6.97	38.7	7.03	39.6	7.10
		25	24.9	4.12	29.7	5.27	34.5	6.55	36.9	7.25	37.3	7.28	38.2	7.34	39.1	7.41
		27	24.9	4.40	29.7	5.63	34.5	7.01	36.3	7.55	36.8	7.59	37.7	7.65	38.5	7.72
		29	24.9	4.69	29.7	6.00	34.5	7.49	35.8	7.86	36.2	7.89	37.1	7.96	38.0	8.04
		31	24.9	4.99	29.7	6.40	34.5	7.99	35.2	8.16	35.7	8.20	36.6	8.28	37.5	8.35
		33	24.9	5.32	29.7	6.83	34.2	8.43	34.7	8.47	35.1	8.51	36.0	8.59	36.9	8.67
		35	24.9	5.65	29.7	7.27	33.7	8.74	34.1	8.78	34.6	8.82	35.5	8.91	36.4	8.99
		37	24.9	6.01	29.7	7.75	33.1	9.04	33.6	9.09	34.0	9.13	34.9	9.22	35.8	9.31
		39	24.9	6.39	29.7	8.25	32.6	9.35	33.0	9.40	33.5	9.45	34.4	9.54	35.3	9.64
100	300 (33.50)	10	22.6	3.00	27.0	3.64	31.3	4.32	33.5	4.66	35.7	5.02	40.0	5.73	42.4	5.73
		12	22.6	3.06	27.0	3.71	31.3	4.40	33.5	4.75	35.7	5.11	40.0	5.84	41.8	5.84
		14	22.6	3.11	27.0	3.78	31.3	4.48	33.5	4.84	35.7	5.21	40.0	5.95	41.3	5.95
		16	22.6	3.17	27.0	3.85	31.3	4.57	33.5	4.94	35.7	5.31	39.9	6.03	40.7	6.04
		18	22.6	3.23	27.0	3.93	31.3	4.66	33.5	5.03	35.7	5.42	39.4	6.23	40.2	6.27
		20	22.6	3.29	27.0	4.00	31.3	4.80	33.5	5.29	35.7	5.80	38.8	6.53	39.6	6.58
		21	22.6	3.32	27.0	4.04	31.3	4.97	33.5	5.48	35.7	6.01	38.5	6.68	39.4	6.73
		23	22.6	3.41	27.0	4.31	31.3	5.32	33.5	5.87	35.7	6.44	38.0	6.98	38.8	7.04
		25	22.6	3.64	27.0	4.61	31.3	5.69	33.5	6.28	35.7	6.90	37.4	7.29	38.3	7.35
		27	22.6	3.88	27.0	4.92	31.3	6.09	33.5	6.72	35.7	7.38	36.9	7.60	37.7	7.66
		29	22.6	4.13	27.0	5.24	31.3	6.50	33.5	7.18	35.5	7.84	36.4	7.90	37.2	7.97
		31	22.6	4.39	27.0	5.59	31.3	6.94	33.5	7.66	35.0	8.14	35.8	8.21	36.6	8.28
		33	22.6	4.67	27.0	5.95	31.3	7.40	33.5	8.18	34.5	8.45	35.3	8.52	36.1	8.60
		35	22.6	4.96	27.0	6.34	31.3	7.88	33.5	8.72	33.9	8.76	34.7	8.84	35.5	8.91
		37	22.6	5.27	27.0	6.74	31.3	8.40	33.0	9.03	33.4	9.07	34.2	9.15	35.0	9.23
		39	22.6	5.60	27.0	7.17	31.3	8.95	32.4	9.34	32.8	9.38	33.6	9.46	34.4	9.55

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NOTES - ANMERKUNGEN - Σημειώσεις - NOTAS - REMARQUES - NOTE - OPMERKINGEN - примечания - NOTLAR

- The above table shows the average value of conditions which may occur.
Die obige Tabelle zeigt den Durchschnittswert der Bedingungen, die auftreten können.
Στον παραπάνω πίνακα αναγράφεται η μέση τιμή για συνθήκες που μπορεί να προκύψουν.
La tabla de arriba muestra el valor medio de condiciones que pueden ocurrir.
Le tableau ci-dessus donne la valeur moyenne pour des conditions qui peuvent survenir.
La tabella in alto mostra il valore delle condizioni medie che si possono riscontrare.
De tabel hierboven geeft de gemiddelde waarde aan van situaties die kunnen voorvallen.
Таблица расположенная выше показывает среднее значение условий, которые могут наступить.
Yukarıdaki tablo meydana gelebilecek koşulların ortalama değerini göstermektedir.

5 Capacity tables

5 - 1 Cooling Capacity Tables

REYAAQ12P

TC: Total Capacity: kW ; PI: Power Input: kW (compressor + outdoor fan motor)

Combination (%)	Capacity index (kW)	Outdoor air temp. (°CDB)	Indoor air temperature:													
			14.0 °CWB		16.0 °CWB		18.0 °CWB		19.0 °CWB		20.0 °CWB		22.0 °CWB		24.0 °CWB	
			20.0 °CDB		23.0 °CDB		26.0 °CDB		27.0 °CDB		28.0 °CDB		30.0 °CDB		32.0 °CDB	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
90	270 (30.15)	10	20.3	2.69	24.3	3.24	28.2	3.83	30.2	4.13	32.1	4.44	36.0	5.07	40.0	5.72
		12	20.3	2.74	24.3	3.30	28.2	3.90	30.2	4.21	32.1	4.53	36.0	5.17	40.0	5.83
		14	20.3	2.78	24.3	3.36	28.2	3.97	30.2	4.29	32.1	4.61	36.0	5.27	40.0	5.94
		16	20.3	2.83	24.3	3.42	28.2	4.05	30.2	4.37	32.1	4.70	36.0	5.37	39.9	6.04
		18	20.3	2.88	24.3	3.49	28.2	4.13	30.2	4.46	32.1	4.79	36.0	5.48	39.3	6.22
		20	20.3	2.94	24.3	3.56	28.2	4.21	30.2	4.55	32.1	4.97	36.0	5.89	38.8	6.53
		21	20.3	2.96	24.3	3.59	28.2	4.28	30.2	4.71	32.1	5.15	36.0	6.10	38.5	6.68
		23	20.3	3.02	24.3	3.74	28.2	4.58	30.2	5.04	32.1	5.52	36.0	6.54	38.0	6.98
		25	20.3	3.18	24.3	3.99	28.2	4.90	30.2	5.39	32.1	5.90	36.0	7.00	37.4	7.29
		27	20.3	3.39	24.3	4.26	28.2	5.23	30.2	5.76	32.1	6.31	36.0	7.49	36.9	7.60
		29	20.3	3.60	24.3	4.54	28.2	5.58	30.2	6.15	32.1	6.74	35.6	7.84	36.3	7.90
		31	20.3	3.83	24.3	4.83	28.2	5.95	30.2	6.56	32.1	7.19	35.1	8.15	35.8	8.21
		33	20.3	4.07	24.3	5.14	28.2	6.34	30.2	6.99	32.1	7.67	34.5	8.46	35.3	8.52
		35	20.3	4.32	24.3	5.47	28.2	6.75	30.2	7.45	32.1	8.18	34.0	8.76	34.7	8.83
		37	20.3	4.58	24.3	5.81	28.2	7.19	30.2	7.93	32.1	8.72	33.4	9.07	34.2	9.15
		39	20.3	4.86	24.3	6.18	28.2	7.65	30.2	8.45	32.1	9.29	32.9	9.39	33.6	9.46
80	240 (26.80)	10	18.1	2.39	21.6	2.86	25.1	3.36	26.8	3.62	28.5	3.88	32.0	4.43	35.5	4.99
		12	18.1	2.43	21.6	2.91	25.1	3.42	26.8	3.68	28.5	3.96	32.0	4.51	35.5	5.08
		14	18.1	2.47	21.6	2.96	25.1	3.48	26.8	3.75	28.5	4.03	32.0	4.60	35.5	5.18
		16	18.1	2.51	21.6	3.01	25.1	3.55	26.8	3.82	28.5	4.11	32.0	4.69	35.5	5.28
		18	18.1	2.55	21.6	3.07	25.1	3.61	26.8	3.90	28.5	4.19	32.0	4.78	35.5	5.39
		20	18.1	2.60	21.6	3.13	25.1	3.68	26.8	3.97	28.5	4.27	32.0	4.95	35.5	5.76
		21	18.1	2.62	21.6	3.15	25.1	3.72	26.8	4.01	28.5	4.36	32.0	5.13	35.5	5.97
		23	18.1	2.67	21.6	3.22	25.1	3.90	26.8	4.27	28.5	4.66	32.0	5.50	35.5	6.40
		25	18.1	2.76	21.6	3.42	25.1	4.17	26.8	4.57	28.5	4.99	32.0	5.88	35.5	6.85
		27	18.1	2.93	21.6	3.65	25.1	4.45	26.8	4.88	28.5	5.33	32.0	6.29	35.5	7.33
		29	18.1	3.11	21.6	3.88	25.1	4.74	26.8	5.20	28.5	5.68	32.0	6.72	35.5	7.84
		31	18.1	3.31	21.6	4.13	25.1	5.05	26.8	5.54	28.5	6.06	32.0	7.17	35.0	8.14
		33	18.1	3.51	21.6	4.39	25.1	5.37	26.8	5.90	28.5	6.46	32.0	7.64	34.4	8.45
		35	18.1	3.72	21.6	4.66	25.1	5.71	26.8	6.28	28.5	6.88	32.0	8.15	33.9	8.76
		37	18.1	3.94	21.6	4.95	25.1	6.08	26.8	6.68	28.5	7.32	32.0	8.68	33.3	9.06
		39	18.1	4.18	21.6	5.26	25.1	6.46	26.8	7.11	28.5	7.79	32.0	9.25	32.8	9.38
70	210 (23.45)	10	15.8	2.10	18.9	2.49	21.9	2.91	23.5	3.13	25.0	3.35	28.0	3.80	31.1	4.28
		12	15.8	2.13	18.9	2.53	21.9	2.96	23.5	3.18	25.0	3.41	28.0	3.87	31.1	4.36
		14	15.8	2.16	18.9	2.57	21.9	3.01	23.5	3.24	25.0	3.47	28.0	3.95	31.1	4.44
		16	15.8	2.20	18.9	2.62	21.9	3.07	23.5	3.30	25.0	3.53	28.0	4.02	31.1	4.53
		18	15.8	2.24	18.9	2.67	21.9	3.12	23.5	3.36	25.0	3.60	28.0	4.10	31.1	4.62
		20	15.8	2.27	18.9	2.71	21.9	3.18	23.5	3.42	25.0	3.67	28.0	4.18	31.1	4.74
		21	15.8	2.29	18.9	2.74	21.9	3.21	23.5	3.46	25.0	3.71	28.0	4.25	31.1	4.91
		23	15.8	2.33	18.9	2.79	21.9	3.28	23.5	3.57	25.0	3.88	28.0	4.55	31.1	5.26
		25	15.8	2.37	18.9	2.90	21.9	3.50	23.5	3.81	25.0	4.15	28.0	4.86	31.1	5.63
		27	15.8	2.51	18.9	3.09	21.9	3.72	23.5	4.07	25.0	4.43	28.0	5.19	31.1	6.02
		29	15.8	2.66	18.9	3.28	21.9	3.96	23.5	4.33	25.0	4.72	28.0	5.54	31.1	6.42
		31	15.8	2.82	18.9	3.48	21.9	4.22	23.5	4.61	25.0	5.02	28.0	5.90	31.1	6.85
		33	15.8	2.99	18.9	3.70	21.9	4.48	23.5	4.91	25.0	5.35	28.0	6.29	31.1	7.31
		35	15.8	3.17	18.9	3.92	21.9	4.76	23.5	5.22	25.0	5.69	28.0	6.70	31.1	7.79
		37	15.8	3.36	18.9	4.16	21.9	5.06	23.5	5.54	25.0	6.05	28.0	7.13	31.1	8.30
		39	15.8	3.55	18.9	4.41	21.9	5.37	23.5	5.89	25.0	6.43	28.0	7.59	31.1	8.84
60	180 (20.10)	10	13.6	1.83	16.2	2.14	18.8	2.48	20.1	2.66	21.4	2.84	24.0	3.21	26.6	3.59
		12	13.6	1.85	16.2	2.18	18.8	2.52	20.1	2.70	21.4	2.88	24.0	3.26	26.6	3.66
		14	13.6	1.88	16.2	2.21	18.8	2.56	20.1	2.75	21.4	2.94	24.0	3.32	26.6	3.73
		16	13.6	1.91	16.2	2.25	18.8	2.61	20.1	2.80	21.4	2.99	24.0	3.39	26.6	3.80
		18	13.6	1.94	16.2	2.28	18.8	2.65	20.1	2.85	21.4	3.04	24.0	3.45	26.6	3.87
		20	13.6	1.97	16.2	2.32	18.8	2.70	20.1	2.90	21.4	3.10	24.0	3.52	26.6	3.95
		21	13.6	1.98	16.2	2.34	18.8	2.73	20.1	2.92	21.4	3.13	24.0	3.55	26.6	3.99
		23	13.6	2.01	16.2	2.38	18.8	2.78	20.1	2.98	21.4	3.19	24.0	3.69	26.6	4.24
		25	13.6	2.05	16.2	2.43	18.8	2.88	20.1	3.13	21.4	3.39	24.0	3.94	26.6	4.53
		27	13.6	2.12	16.2	2.57	18.8	3.07	20.1	3.33	21.4	3.61	24.0	4.20	26.6	4.83
		29	13.6	2.25	16.2	2.73	18.8	3.26	20.1	3.55	21.4	3.84	24.0	4.47	26.6	5.15
		31	13.6	2.38	16.2	2.90	18.8	3.47	20.1	3.77	21.4	4.09	24.0	4.76	26.6	5.49
		33	13.6	2.52	16.2	3.07	18.8	3.68	20.1	4.00	21.4	4.34	24.0	5.07	26.6	5.85
		35	13.6	2.66	16.2	3.25	18.8	3.90	20.1	4.25	21.4	4.62	24.0	5.39	26.6	6.23
		37	13.6	2.82	16.2	3.44	18.8	4.14	20.1	4.51	21.4	4.90	24.0	5.73	26.6	6.62
		39	13.6	2.97	16.2	3.65	18.8	4.39	20.1	4.79	21.4	5.20	24.0	6.09	26.6	7.05
50	150 (16.75)	10	11.3	1.57	13.5	1.82	15.7	2.08	16.8	2.22	17.8	2.36	20.0	2.64	22.2	2.95
		12	11.3	1.59	13.5	1.84	15.7	2.11	16.8	2.25	17.8	2.39	20.0	2.69	22.2	3.00
		14	11.3	1.61	13.5	1.87	15.7	2.14	16.8	2.29	17.8	2.43	20.0	2.74	22.2	3.05
		16	11.3	1.63	13.5	1.90	15.7	2.18	16.8	2.32	17.8	2.47	20.0	2.78	22.2	3.11
		18	11.3	1.66	13.5	1.93	15.7	2.21	16.8	2.36	17.8	2.52	20.0	2.83	22.2	3.16
		20	11.3	1.68	13.5	1.96	15.7	2.25	16.8	2.40	17.8	2.56	20.0	2.89	22.2	3.22
		21	11.3	1.69	13.5	1.97	15.7	2.27	16.8	2.42	17.8	2.58	20.0	2.91	22.2	3.25
		23	11.3	1.72	13.5	2.00	15.7	2.31	16.8	2.47	17.8	2.63	20.0	2.97	22.2	3.33
		25	11.3	1.74	13.5	2.04	15.7	2.35	16.8	2.52	17.8	2.71	20.0	3.12	22.2	3.55
		27	11.3	1.77	13.5	2.11	15.7	2.48	16.8	2.68	17.8	2.88	20.0	3.32	22.2	3.78
		29	11.3	1.87	13.5	2.24	15.7	2.63	16.8	2.84	17.8	3.06	20.0	3.53	22.2	4.03
		31	11.3	1.98	13.5	2.37	15.7	2.79	16.8	3.02	17.8	3.25	20.0	3.75	22.2	4.29
		33	11.3	2.09	13.5	2.50	15.7	2.96	16.8	3.20	17.8	3.45	20.0	3.98	22.2	4.56
		35	11.3	2.21	13.5	2.65	15.7	3.13	16.8	3.39	17.8	3.66	20.0	4.23	22.2	4.84
		37	11.3	2.33	13.5	2.80	15.7	3.31	16.8	3.59	17.8	3.88	20.0	4.49	22.2	5.14
		39	11.3	2.45	13.5	2.95	15.7	3.51	16.8	3.80	17.8	4.11	20.0	4.76	22.2	5.46

5 Capacity tables

5 - 1 Cooling Capacity Tables

REYAAQ14P

TC: Total Capacity: kW ; PI: Power Input: kW (compressor + outdoor fan motor)

Combination (%)	Capacity index (kW)	Outdoor air temp. (°CDB)	Indoor air temperature:													
			14.0 °CWB		16.0 °CWB		18.0 °CWB		19.0 °CWB		20.0 °CWB		22.0 °CWB		24.0 °CWB	
			20.0 °CDB		23.0 °CDB		26.0 °CDB		27.0 °CDB		28.0 °CDB		30.0 °CDB		32.0 °CDB	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
			kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130	455 (52.00)	10	35.1	5.25	41.9	6.43	48.6	7.64	52.0	7.64	53.0	7.64	54.3	7.64	55.6	7.64
		12	35.1	5.35	41.9	6.55	48.6	7.79	51.7	7.79	52.4	7.79	53.6	7.79	54.9	7.79
		14	35.1	5.45	41.9	6.67	48.6	7.94	51.0	7.94	51.7	7.94	52.9	7.94	54.2	7.94
		16	35.1	5.55	41.9	6.80	48.6	8.09	50.4	7.97	51.0	7.97	52.3	7.93	53.5	7.91
		18	35.1	5.66	41.9	6.94	48.6	8.61	49.7	8.79	50.3	8.83	51.6	8.91	52.8	8.99
		20	35.1	5.77	41.9	7.39	48.4	9.17	49.0	9.22	49.6	9.26	50.9	9.34	52.2	9.43
		21	35.1	5.94	41.9	7.65	48.0	9.39	48.7	9.43	49.3	9.47	50.6	9.56	51.8	9.65
		23	35.1	6.35	41.9	8.21	47.3	9.81	48.0	9.86	48.6	9.91	49.9	10.00	51.1	10.1
		25	35.1	6.80	41.9	8.79	46.7	10.2	47.3	10.3	47.9	10.3	49.2	10.4	50.5	10.5
		27	35.1	7.26	41.9	9.40	46.0	10.7	46.6	10.7	47.2	10.8	48.5	10.9	49.8	11.0
		29	35.1	7.75	41.9	10.0	45.3	11.1	45.9	11.2	46.6	11.2	47.8	11.3	49.1	11.4
		31	35.1	8.26	41.9	10.7	44.6	11.5	45.2	11.6	45.9	11.7	47.1	11.8	48.4	11.9
		33	35.1	8.81	41.9	11.5	43.9	12.0	44.6	12.0	45.2	12.1	46.5	12.2	47.7	12.3
		35	35.1	9.38	41.9	12.2	43.2	12.4	43.9	12.5	44.5	12.5	45.8	12.7	47.0	12.8
		37	35.1	9.99	41.3	12.7	42.6	12.8	43.2	12.9	43.8	13.0	45.1	13.1	46.4	13.3
		39	35.1	10.6	40.6	13.1	41.9	13.3	42.5	13.4	43.1	13.4	44.4	13.6	45.7	13.7
120	420 (48.00)	10	32.4	4.80	38.6	5.86	44.9	6.97	48.0	7.53	51.1	7.53	53.4	7.53	54.6	7.53
		12	32.4	4.88	38.6	5.97	44.9	7.10	48.0	7.67	51.1	7.67	52.7	7.67	53.9	7.67
		14	32.4	4.97	38.6	6.08	44.9	7.23	48.0	7.82	50.9	7.82	52.0	7.82	53.2	7.82
		16	32.4	5.07	38.6	6.20	44.9	7.38	48.0	7.97	50.2	7.97	51.4	7.93	52.5	7.91
		18	32.4	5.17	38.6	6.32	44.9	7.63	48.0	8.44	49.5	8.78	50.7	8.85	51.9	8.92
		20	32.4	5.27	38.6	6.57	44.9	8.20	48.0	9.08	48.8	9.20	50.0	9.28	51.2	9.36
		21	32.4	5.32	38.6	6.81	44.9	8.50	47.9	9.38	48.5	9.42	49.7	9.50	50.8	9.58
		23	32.4	5.68	38.6	7.29	44.9	9.11	47.2	9.80	47.8	9.85	49.0	9.93	50.1	10.0
		25	32.4	6.07	38.6	7.81	44.9	9.76	46.5	10.2	47.1	10.3	48.3	10.4	49.5	10.5
		27	32.4	6.48	38.6	8.35	44.9	10.4	45.9	10.7	46.4	10.7	47.6	10.8	48.8	10.9
		29	32.4	6.91	38.6	8.91	44.6	11.0	45.2	11.1	45.8	11.1	46.9	11.2	48.1	11.4
		31	32.4	7.37	38.6	9.51	43.9	11.5	44.5	11.5	45.1	11.6	46.2	11.7	47.4	11.8
		33	32.4	7.85	38.6	10.1	43.2	11.9	43.8	12.0	44.4	12.0	45.6	12.1	46.7	12.2
		35	32.4	8.36	38.6	10.8	42.5	12.3	43.1	12.4	43.7	12.5	44.9	12.6	46.0	12.7
		37	32.4	8.89	38.6	11.5	41.9	12.8	42.4	12.8	43.0	12.9	44.2	13.0	45.4	13.2
		39	32.4	9.46	38.6	12.3	41.2	13.2	41.8	13.3	42.3	13.3	43.5	13.5	44.7	13.6
110	385 (44.00)	10	29.7	4.36	35.4	5.30	41.1	6.30	44.0	6.81	46.9	7.32	52.5	7.49	53.6	7.49
		12	29.7	4.43	35.4	5.40	41.1	6.42	44.0	6.94	46.9	7.46	51.8	7.64	52.9	7.64
		14	29.7	4.51	35.4	5.50	41.1	6.54	44.0	7.07	46.9	7.61	51.2	7.78	52.2	7.78
		16	29.7	4.60	35.4	5.61	41.1	6.67	44.0	7.21	46.9	7.75	50.5	7.93	51.5	7.91
		18	29.7	4.69	35.4	5.72	41.1	6.80	44.0	7.41	46.9	8.14	49.8	8.79	50.9	8.86
		20	29.7	4.78	35.4	5.83	41.1	7.20	44.0	7.96	46.9	8.75	49.1	9.22	50.2	9.29
		21	29.7	4.82	35.4	6.01	41.1	7.46	44.0	8.25	46.9	9.07	48.8	9.44	49.8	9.51
		23	29.7	5.05	35.4	6.44	41.1	8.00	44.0	8.84	46.9	9.73	48.1	9.87	49.2	9.95
		25	29.7	5.39	35.4	6.88	41.1	8.56	44.0	9.47	46.3	10.2	47.4	10.3	48.5	10.4
		27	29.7	5.75	35.4	7.35	41.1	9.16	44.0	10.1	45.6	10.6	46.7	10.7	47.8	10.8
		29	29.7	6.13	35.4	7.85	41.1	9.79	44.0	10.8	45.0	11.1	46.0	11.2	47.1	11.3
		31	29.7	6.53	35.4	8.37	41.1	10.5	43.7	11.5	44.3	11.5	45.3	11.6	46.4	11.7
		33	29.7	6.95	35.4	8.92	41.1	11.2	43.1	11.9	43.6	11.9	44.7	12.0	45.7	12.2
		35	29.7	7.39	35.4	9.51	41.1	11.9	42.4	12.3	42.9	12.4	44.0	12.5	45.1	12.6
		37	29.7	7.86	35.4	10.1	41.1	12.7	41.7	12.8	42.2	12.8	43.3	12.9	44.4	13.0
		39	29.7	8.36	35.4	10.8	40.5	13.1	41.0	13.2	41.5	13.3	42.6	13.4	43.7	13.5
100	350 (40.00)	10	27.0	3.93	32.2	4.76	37.4	5.64	40.0	6.10	42.6	6.56	47.8	7.49	52.6	7.49
		12	27.0	4.00	32.2	4.85	37.4	5.75	40.0	6.21	42.6	6.68	47.8	7.64	51.9	7.64
		14	27.0	4.07	32.2	4.94	37.4	5.86	40.0	6.33	42.6	6.81	47.8	7.78	51.2	7.78
		16	27.0	4.14	32.2	5.03	37.4	5.97	40.0	6.45	42.6	6.94	47.8	7.93	50.6	7.91
		18	27.0	4.22	32.2	5.13	37.4	6.09	40.0	6.58	42.6	7.08	47.8	8.39	49.9	8.80
		20	27.0	4.30	32.2	5.23	37.4	6.27	40.0	6.91	42.6	7.59	47.8	9.02	49.2	9.23
		21	27.0	4.34	32.2	5.28	37.4	6.50	40.0	7.16	42.6	7.86	47.8	9.35	48.8	9.44
		23	27.0	4.46	32.2	5.64	37.4	6.96	40.0	7.67	42.6	8.43	47.2	9.80	48.2	9.87
		25	27.0	4.75	32.2	6.02	37.4	7.44	40.0	8.21	42.6	9.02	46.5	10.2	47.5	10.3
		27	27.0	5.07	32.2	6.43	37.4	7.96	40.0	8.78	42.6	9.65	45.8	10.7	46.8	10.7
		29	27.0	5.40	32.2	6.86	37.4	8.50	40.0	9.38	42.6	10.3	45.1	11.1	46.1	11.2
		31	27.0	5.74	32.2	7.31	37.4	9.07	40.0	10.0	42.6	11.0	44.5	11.5	45.4	11.6
		33	27.0	6.11	32.2	7.78	37.4	9.67	40.0	10.7	42.6	11.8	43.8	12.0	44.7	12.1
		35	27.0	6.49	32.2	8.28	37.4	10.3	40.0	11.4	42.1	12.3	43.1	12.4	44.1	12.5
		37	27.0	6.89	32.2	8.82	37.4	11.0	40.0	12.2	41.4	12.7	42.4	12.8	43.4	12.9
		39	27.0	7.32	32.2	9.38	37.4	11.7	40.0	13.0	40.7	13.2	41.7	13.3	42.7	13.4

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NOTES - ANMERKUNGEN - Σημειώσεις - NOTAS - REMARQUES - NOTE - OPMERKINGEN - примечания - NOTLAR

- 1 The above table shows the average value of conditions which may occur.
Die obige Tabelle zeigt den Durchschnittswert der Bedingungen, die auftreten können.
 Στον παραπάνω πίνακα αναγράφεται η μέση τιμή για συνθήκες που μπορεί να προκύψουν.
La tabla de arriba muestra el valor medio de condiciones que pueden ocurrir.
 Le tableau ci-dessus donne la valeur moyenne pour des conditions qui peuvent survenir.
La tabella in alto mostra il valore delle condizioni medie che si possono riscontrare.
 De tabel hierboven geeft de gemiddelde waarde aan van situaties die kunnen voorvallen.
 Таблица расположенная выше показывает среднее значение условий, которые могут наступить.
 Yukarıdaki tablo meydana gelebilecek koşulların ortalama değerini göstermektedir.

5 Capacity tables

5 - 1 Cooling Capacity Tables

REYaq14P

TC: Total Capacity: kW ; PI: Power Input: kW (compressor + outdoor fan motor)

Combination (%)	Capacity index (kW)	Outdoor air temp. (°CDB)	Indoor air temperature:															
			14.0 °CWB		16.0 °CWB		18.0 °CWB		19.0 °CWB		20.0 °CWB		22.0 °CWB		24.0 °CWB			
			20.0 °CDB		23.0 °CDB		26.0 °CDB		27.0 °CDB		28.0 °CDB		30.0 °CDB		32.0 °CDB			
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI		
			kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW		
90	315 (36.00)	10	24.3	3.52	29.0	4.24	33.7	5.01	36.0	5.40	38.3	5.81	43.0	6.63	47.7	7.48		
		12	24.3	3.58	29.0	4.32	33.7	5.10	36.0	5.50	38.3	5.92	43.0	6.76	47.7	7.62		
		14	24.3	3.64	29.0	4.39	33.7	5.19	36.0	5.61	38.3	6.03	43.0	6.89	47.7	7.76		
		16	24.3	3.70	29.0	4.48	33.7	5.29	36.0	5.72	38.3	6.15	43.0	7.02	47.7	7.91		
		18	24.3	3.77	29.0	4.56	33.7	5.40	36.0	5.83	38.3	6.27	43.0	7.16	47.7	8.37		
		20	24.3	3.84	29.0	4.65	33.7	5.50	36.0	5.95	38.3	6.50	43.0	7.70	47.7	9.00		
		21	24.3	3.87	29.0	4.69	33.7	5.60	36.0	6.15	38.3	6.73	43.0	7.97	47.7	9.32		
		23	24.3	3.95	29.0	4.89	33.7	5.99	36.0	6.59	38.3	7.21	43.0	8.55	47.2	9.80		
		25	24.3	4.16	29.0	5.22	33.7	6.41	36.0	7.05	38.3	7.72	43.0	9.16	46.5	10.2		
		27	24.3	4.43	29.0	5.57	33.7	6.84	36.0	7.53	38.3	8.25	43.0	9.80	45.8	10.7		
		29	24.3	4.71	29.0	5.93	33.7	7.30	36.0	8.04	38.3	8.81	43.0	10.5	45.1	11.1		
		31	24.3	5.01	29.0	6.31	33.7	7.78	36.0	8.57	38.3	9.41	43.0	11.2	44.4	11.5		
		33	24.3	5.32	29.0	6.72	33.7	8.29	36.0	9.14	38.3	10.0	42.9	11.9	43.8	12.0		
		35	24.3	5.65	29.0	7.15	33.7	8.83	36.0	9.74	38.3	10.7	42.2	12.3	43.1	12.4		
		37	24.3	5.99	29.0	7.60	33.7	9.40	36.0	10.4	38.3	11.4	41.5	12.7	42.4	12.8		
		39	24.3	6.36	29.0	8.07	33.7	10.0	36.0	11.0	38.3	12.1	40.8	13.2	41.7	13.3		
80	280 (32.00)	10	21.6	3.12	25.8	3.74	29.9	4.39	32.0	4.73	34.1	5.08	38.2	5.79	42.4	6.52		
		12	21.6	3.17	25.8	3.80	29.9	4.47	32.0	4.82	34.1	5.17	38.2	5.90	42.4	6.65		
		14	21.6	3.22	25.8	3.87	29.9	4.55	32.0	4.91	34.1	5.27	38.2	6.01	42.4	6.77		
		16	21.6	3.28	25.8	3.94	29.9	4.64	32.0	5.00	34.1	5.37	38.2	6.13	42.4	6.91		
		18	21.6	3.34	25.8	4.01	29.9	4.73	32.0	5.10	34.1	5.47	38.2	6.25	42.4	7.04		
		20	21.6	3.39	25.8	4.09	29.9	4.82	32.0	5.20	34.1	5.58	38.2	6.48	42.4	7.53		
		21	21.6	3.43	25.8	4.12	29.9	4.86	32.0	5.25	34.1	5.70	38.2	6.71	42.4	7.80		
		23	21.6	3.49	25.8	4.20	29.9	5.10	32.0	5.59	34.1	6.10	38.2	7.19	42.4	8.37		
		25	21.6	3.60	25.8	4.48	29.9	5.45	32.0	5.97	34.1	6.52	38.2	7.69	42.4	8.96		
		27	21.6	3.83	25.8	4.77	29.9	5.81	32.0	6.37	34.1	6.96	38.2	8.22	42.4	9.59		
		29	21.6	4.07	25.8	5.08	29.9	6.19	32.0	6.80	34.1	7.43	38.2	8.78	42.4	10.2		
		31	21.6	4.32	25.8	5.40	29.9	6.60	32.0	7.24	34.1	7.92	38.2	9.37	42.4	10.9		
		33	21.6	4.59	25.8	5.74	29.9	7.02	32.0	7.71	34.1	8.44	38.2	9.99	42.4	11.7		
		35	21.6	4.86	25.8	6.10	29.9	7.47	32.0	8.21	34.1	8.99	38.2	10.7	42.1	12.3		
		37	21.6	5.16	25.8	6.47	29.9	7.94	32.0	8.74	34.1	9.57	38.2	11.4	41.4	12.7		
		39	21.6	5.46	25.8	6.87	29.9	8.45	32.0	9.29	34.1	10.2	38.2	12.1	40.7	13.2		
70	245 (28.00)	10	18.9	2.74	22.5	3.26	26.2	3.80	28.0	4.09	29.8	4.38	33.5	4.97	37.1	5.59		
		12	18.9	2.79	22.5	3.31	26.2	3.87	28.0	4.16	29.8	4.45	33.5	5.07	37.1	5.70		
		14	18.9	2.83	22.5	3.37	26.2	3.94	28.0	4.23	29.8	4.54	33.5	5.16	37.1	5.81		
		16	18.9	2.88	22.5	3.42	26.2	4.01	28.0	4.31	29.8	4.62	33.5	5.26	37.1	5.92		
		18	18.9	2.92	22.5	3.48	26.2	4.08	28.0	4.39	29.8	4.71	33.5	5.36	37.1	6.03		
		20	18.9	2.97	22.5	3.55	26.2	4.16	28.0	4.48	29.8	4.80	33.5	5.47	37.1	6.20		
		21	18.9	3.00	22.5	3.58	26.2	4.20	28.0	4.52	29.8	4.85	33.5	5.55	37.1	6.42		
		23	18.9	3.05	22.5	3.65	26.2	4.28	28.0	4.67	29.8	5.08	33.5	5.94	37.1	6.88		
		25	18.9	3.10	22.5	3.79	26.2	4.57	28.0	4.99	29.8	5.42	33.5	6.35	37.1	7.36		
		27	18.9	3.28	22.5	4.03	26.2	4.87	28.0	5.32	29.8	5.79	33.5	6.78	37.1	7.87		
		29	18.9	3.48	22.5	4.29	26.2	5.18	28.0	5.66	29.8	6.17	33.5	7.24	37.1	8.40		
		31	18.9	3.69	22.5	4.56	26.2	5.51	28.0	6.03	29.8	6.57	33.5	7.72	37.1	8.96		
		33	18.9	3.91	22.5	4.84	26.2	5.86	28.0	6.41	29.8	6.99	33.5	8.22	37.1	9.56		
		35	18.9	4.14	22.5	5.13	26.2	6.23	28.0	6.82	29.8	7.44	33.5	8.75	37.1	10.2		
		37	18.9	4.39	22.5	5.44	26.2	6.61	28.0	7.25	29.8	7.91	33.5	9.32	37.1	10.9		
		39	18.9	4.64	22.5	5.77	26.2	7.02	28.0	7.70	29.8	8.41	33.5	9.92	37.1	11.6		
60	210 (24.00)	10	16.2	2.39	19.3	2.80	22.4	3.24	24.0	3.47	25.6	3.71	28.7	4.19	31.8	4.70		
		12	16.2	2.42	19.3	2.85	22.4	3.30	24.0	3.53	25.6	3.77	28.7	4.27	31.8	4.78		
		14	16.2	2.46	19.3	2.89	22.4	3.35	24.0	3.59	25.6	3.84	28.7	4.35	31.8	4.87		
		16	16.2	2.49	19.3	2.94	22.4	3.41	24.0	3.65	25.6	3.91	28.7	4.43	31.8	4.96		
		18	16.2	2.53	19.3	2.99	22.4	3.47	24.0	3.72	25.6	3.98	28.7	4.51	31.8	5.06		
		20	16.2	2.57	19.3	3.04	22.4	3.53	24.0	3.79	25.6	4.05	28.7	4.60	31.8	5.16		
		21	16.2	2.59	19.3	3.06	22.4	3.56	24.0	3.82	25.6	4.09	28.7	4.64	31.8	5.21		
		23	16.2	2.63	19.3	3.12	22.4	3.63	24.0	3.90	25.6	4.17	28.7	4.82	31.8	5.54		
		25	16.2	2.68	19.3	3.17	22.4	3.77	24.0	4.09	25.6	4.43	28.7	5.15	31.8	5.92		
		27	16.2	2.78	19.3	3.36	22.4	4.01	24.0	4.36	25.6	4.72	28.7	5.49	31.8	6.32		
		29	16.2	2.94	19.3	3.57	22.4	4.27	24.0	4.64	25.6	5.02	28.7	5.85	31.8	6.74		
		31	16.2	3.11	19.3	3.79	22.4	4.53	24.0	4.93	25.6	5.34	28.7	6.23	31.8	7.18		
		33	16.2	3.29	19.3	4.01	22.4	4.81	24.0	5.24	25.6	5.68	28.7	6.63	31.8	7.65		
		35	16.2	3.48	19.3	4.25	22.4	5.10	24.0	5.56	25.6	6.03	28.7	7.05	31.8	8.14		
		37	16.2	3.68	19.3	4.50	22.4	5.41	24.0	5.90	25.6	6.41	28.7	7.49	31.8	8.66		
		39	16.2	3.89	19.3	4.77	22.4	5.74	24.0	6.26	25.6	6.80	28.7	7.96	31.8	9.21		
50	175 (20.00)	10	13.5	2.05	16.1	2.37	18.7	2.72	20.0	2.90	21.3	3.08	23.9	3.46	26.5	3.85		
		12	13.5	2.08	16.1	2.41	18.7	2.76	20.0	2.94	21.3	3.13	23.9	3.52	26.5	3.92		
		14	13.5	2.11	16.1	2.44	18.7	2.80	20.0	2.99	21.3	3.18	23.9	3.58	26.5	3.99		
		16	13.5	2.13	16.1	2.48	18.7	2.85	20.0	3.04	21.3	3.23	23.9	3.64	26.5	4.06		
		18	13.5	2.16	16.1	2.52	18.7	2.89	20.0	3.09	21.3	3.29	23.9	3.70	26.5	4.14		
		20	13.5	2.20	16.1	2.56	18.7	2.94	20.0	3.14	21.3	3.35	23.9	3.77	26.5	4.21		
		21	13.5	2.21	16.1	2.58	18.7	2.97	20.0	3.17	21.3	3.38	23.9	3.81	26.5	4.25		
		23	13.5	2.24	16.1	2.62	18.7	3.02	20.0	3.23	21.3	3.44	23.9	3.88	26.5	4.35		
		25	13.5	2.28	16.1	2.66	18.7	3.07	20.0	3.29	21.3	3.54	23.9	4.07	26.5	4.64		
		27	13.5	2.32	16.1	2.76	18.7	3.24	20.0	3.50	21.3	3.77	23.9	4.34	26.5	4.95		
		29	13.5	2.45	16.1	2.92	18.7	3.44	20.0	3.72	21.3	4.00	23.9	4.61	26.5	5.27		
		31	13.5	2.59	16.1	3.09	18.7	3.65	20.0	3.94	21.3	4.25	23.9	4.90	26.5	5.60		
		33	13.5	2.73	16.1	3.27	18.7	3.87	20.0	4.18	21.3	4.51	23.9	5.21	26.5	5.96		
		35	13.5	2.88	16.1	3.46	18.7	4.09	20.0	4.43	21.3	4.78	23.9	5.53	26.5	6.33		
		37	13.5	3.04	16.1	3.66	18.7	4.33	20.0	4.69	21.3	5.07	23.9	5.87	26.5	6.72		
		39	13.5	3.21	16.1	3.86	18.7	4.58	20.0	4.97	21.3	5.37	23.9	6.22	26.5	7.14		

5 Capacity tables

5 - 1 Cooling Capacity Tables

REYAAQ16P

TC: Total Capacity: kW ; PI: Power Input: kW (compressor + outdoor fan motor)

Combination (%)	Capacity index (kW)	Outdoor air temp. (°CDB)	Indoor air temperature:													
			14.0 °CWB		16.0 °CWB		18.0 °CWB		19.0 °CWB		20.0 °CWB		22.0 °CWB		24.0 °CWB	
			20.0 °CDB		23.0 °CDB		26.0 °CDB		27.0 °CDB		28.0 °CDB		30.0 °CDB		32.0 °CDB	
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	520 (58.50)	10	39.5	6.49	47.1	7.95	54.7	9.45	58.5	9.45	59.7	9.45	61.1	9.45	62.6	9.45
		12	39.5	6.61	47.1	8.10	54.7	9.63	58.2	9.63	59.0	9.63	60.4	9.63	61.8	9.63
		14	39.5	6.74	47.1	8.25	54.7	9.82	57.5	9.82	58.2	9.82	59.6	9.82	61.0	9.82
		16	39.5	6.87	47.1	8.41	54.7	10.0	56.7	9.86	57.4	9.86	58.8	9.81	60.3	9.79
		18	39.5	7.00	47.1	8.58	54.7	10.7	55.9	10.9	56.6	10.9	58.1	11.0	59.5	11.1
		20	39.5	7.14	47.1	9.14	54.5	11.4	55.2	11.4	55.9	11.5	57.3	11.6	58.7	11.7
		21	39.5	7.34	47.1	9.47	54.1	11.6	54.8	11.7	55.5	11.7	56.9	11.8	58.3	12.0
		23	39.5	7.86	47.1	10.2	53.3	12.2	54.0	12.2	54.7	12.3	56.1	12.4	57.6	12.5
		25	39.5	8.40	47.1	10.9	52.5	12.7	53.2	12.7	54.0	12.8	55.4	12.9	56.8	13.1
		27	39.5	8.98	47.1	11.6	51.8	13.2	52.5	13.3	53.2	13.4	54.6	13.5	56.0	13.6
		29	39.5	9.58	47.1	12.4	51.0	13.8	51.7	13.8	52.4	13.9	53.8	14.0	55.3	14.2
		31	39.5	10.2	47.1	13.3	50.2	14.3	50.9	14.4	51.6	14.4	53.1	14.6	54.5	14.7
		33	39.5	10.9	47.1	14.2	49.5	14.8	50.2	14.9	50.9	15.0	52.3	15.1	53.7	15.3
		35	39.5	11.6	47.1	15.1	48.7	15.4	49.4	15.5	50.1	15.5	51.5	15.7	53.0	15.9
		37	39.5	12.4	46.5	15.7	47.9	15.9	48.6	16.0	49.3	16.1	50.8	16.3	52.2	16.4
		39	39.5	13.2	45.7	16.3	47.1	16.5	47.9	16.6	48.6	16.6	50.0	16.8	51.4	17.0
120	480 (54.00)	10	36.4	5.93	43.5	7.25	50.5	8.62	54.0	9.31	57.5	9.31	60.1	9.31	61.5	9.31
		12	36.4	6.04	43.5	7.38	50.5	8.78	54.0	9.49	57.5	9.49	59.4	9.49	60.7	9.49
		14	36.4	6.15	43.5	7.52	50.5	8.95	54.0	9.67	57.3	9.67	58.6	9.67	59.9	9.67
		16	36.4	6.27	43.5	7.67	50.5	9.12	54.0	9.86	56.5	9.86	57.8	9.81	59.1	9.79
		18	36.4	6.39	43.5	7.82	50.5	9.43	54.0	10.4	55.8	10.9	57.1	11.0	58.4	11.1
		20	36.4	6.52	43.5	8.13	50.5	10.1	54.0	11.2	55.0	11.4	56.3	11.5	57.6	11.6
		21	36.4	6.58	43.5	8.42	50.5	10.5	53.9	11.6	54.6	11.7	55.9	11.8	57.2	11.9
		23	36.4	7.03	43.5	9.02	50.5	11.3	53.2	12.1	53.8	12.2	55.1	12.3	56.5	12.4
		25	36.4	7.51	43.5	9.66	50.5	12.1	52.4	12.7	53.1	12.7	54.4	12.8	55.7	13.0
		27	36.4	8.02	43.5	10.3	50.5	12.9	51.6	13.2	52.3	13.3	53.6	13.4	54.9	13.5
		29	36.4	8.55	43.5	11.0	50.2	13.7	50.9	13.7	51.5	13.8	52.8	13.9	54.1	14.1
		31	36.4	9.12	43.5	11.8	49.4	14.2	50.1	14.3	50.8	14.3	52.1	14.5	53.4	14.6
		33	36.4	9.71	43.5	12.6	48.7	14.7	49.3	14.8	50.0	14.9	51.3	15.0	52.6	15.2
		35	36.4	10.3	43.5	13.4	47.9	15.3	48.6	15.4	49.2	15.4	50.5	15.6	51.8	15.7
		37	36.4	11.0	43.5	14.3	47.1	15.8	47.8	15.9	48.4	16.0	49.8	16.1	51.1	16.3
		39	36.4	11.7	43.5	15.2	46.4	16.4	47.0	16.4	47.7	16.5	49.0	16.7	50.3	16.9
110	440 (49.50)	10	33.4	5.39	39.8	6.56	46.3	7.79	49.5	8.42	52.7	9.06	59.1	9.27	60.3	9.27
		12	33.4	5.48	39.8	6.68	46.3	7.94	49.5	8.58	52.7	9.23	58.4	9.44	59.6	9.44
		14	33.4	5.58	39.8	6.81	46.3	8.09	49.5	8.74	52.7	9.41	57.6	9.63	58.8	9.63
		16	33.4	5.69	39.8	6.94	46.3	8.25	49.5	8.92	52.7	9.59	56.8	9.81	58.0	9.79
		18	33.4	5.80	39.8	7.08	46.3	8.41	49.5	9.16	52.7	10.1	56.1	10.9	57.3	11.0
		20	33.4	5.91	39.8	7.22	46.3	8.91	49.5	9.84	52.7	10.8	55.3	11.4	56.5	11.5
		21	33.4	5.97	39.8	7.44	46.3	9.23	49.5	10.2	52.7	11.2	54.9	11.7	56.1	11.8
		23	33.4	6.25	39.8	7.96	46.3	9.89	49.5	10.9	52.7	12.0	54.1	12.2	55.3	12.3
		25	33.4	6.67	39.8	8.51	46.3	10.6	49.5	11.7	52.2	12.7	53.4	12.8	54.6	12.9
		27	33.4	7.12	39.8	9.10	46.3	11.3	49.5	12.5	51.4	13.2	52.6	13.3	53.8	13.4
		29	33.4	7.58	39.8	9.71	46.3	12.1	49.5	13.4	50.6	13.7	51.8	13.8	53.0	14.0
		31	33.4	8.08	39.8	10.4	46.3	12.9	49.3	14.2	49.9	14.3	51.1	14.4	52.3	14.5
		33	33.4	8.60	39.8	11.0	46.3	13.8	48.5	14.7	49.1	14.8	50.3	14.9	51.5	15.1
		35	33.4	9.14	39.8	11.8	46.3	14.7	47.7	15.3	48.3	15.3	49.5	15.5	50.7	15.6
		37	33.4	9.72	39.8	12.5	46.3	15.7	46.9	15.8	47.5	15.9	48.8	16.0	50.0	16.2
		39	33.4	10.3	39.8	13.3	45.6	16.3	46.2	16.3	46.8	16.4	48.0	16.6	49.2	16.7
100	400 (45.00)	10	30.4	4.86	36.2	5.89	42.1	6.98	45.0	7.54	47.9	8.11	53.8	9.27	59.2	9.27
		12	30.4	4.94	36.2	6.00	42.1	7.11	45.0	7.68	47.9	8.26	53.8	9.44	58.5	9.44
		14	30.4	5.03	36.2	6.11	42.1	7.25	45.0	7.83	47.9	8.42	53.8	9.63	57.7	9.63
		16	30.4	5.12	36.2	6.23	42.1	7.39	45.0	7.98	47.9	8.59	53.8	9.81	56.9	9.79
		18	30.4	5.22	36.2	6.35	42.1	7.53	45.0	8.14	47.9	8.76	53.8	10.4	56.1	10.9
		20	30.4	5.32	36.2	6.47	42.1	7.76	45.0	8.55	47.9	9.38	53.8	11.2	55.4	11.4
		21	30.4	5.37	36.2	6.54	42.1	8.03	45.0	8.86	47.9	9.72	53.8	11.6	55.0	11.7
		23	30.4	5.51	36.2	6.97	42.1	8.61	45.0	9.49	47.9	10.4	53.1	12.1	54.2	12.2
		25	30.4	5.88	36.2	7.45	42.1	9.21	45.0	10.2	47.9	11.2	52.4	12.7	53.5	12.8
		27	30.4	6.27	36.2	7.95	42.1	9.84	45.0	10.9	47.9	11.9	51.6	13.2	52.7	13.3
		29	30.4	6.67	36.2	8.48	42.1	10.5	45.0	11.6	47.9	12.8	50.8	13.7	51.9	13.8
		31	30.4	7.10	36.2	9.04	42.1	11.2	45.0	12.4	47.9	13.6	50.1	14.3	51.1	14.4
		33	30.4	7.55	36.2	9.63	42.1	12.0	45.0	13.2	47.9	14.6	49.3	14.8	50.4	14.9
		35	30.4	8.03	36.2	10.2	42.1	12.7	45.0	14.1	47.4	15.2	48.5	15.4	49.6	15.5
		37	30.4	8.53	36.2	10.9	42.1	13.6	45.0	15.0	46.6	15.8	47.7	15.9	48.8	16.0
		39	30.4	9.06	36.2	11.6	42.1	14.5	45.0	16.0	45.9	16.3	47.0	16.4	48.1	16.6

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NOTES - ANMERKUNGEN - Σημειώσεις - NOTAS - REMARQUES - NOTE - OPMERKINGEN - примечания - NOTLAR

- 1 The above table shows the average value of conditions which may occur.
 Die obige Tabelle zeigt den Durchschnittswert der Bedingungen, die auftreten können.
 Στον παραπάνω πίνακα αναγράφεται η μέση τιμή για συνθήκες που μπορεί να προκύψουν.
 La tabla de arriba muestra el valor medio de condiciones que pueden ocurrir.
 Le tableau ci-dessus donne la valeur moyenne pour des conditions qui peuvent survenir.
 La tabella in alto mostra il valore delle condizioni medie che si possono riscontrare.
 De tabel hierboven geeft de gemiddelde waarde aan van situaties die kunnen voorvallen.
 Таблица расположенная выше показывает среднее значение условий, которые могут наступить.
 Yukarıdaki tablo meydana gelebilecek koşulların ortalama değerini göstermektedir.

5 Capacity tables

5 - 1 Cooling Capacity Tables

5

REYAAQ16P

TC: Total Capacity: kW ; PI: Power Input: kW (compressor + outdoor fan motor)

Combination (%)	Capacity index (kW)	Outdoor air temp. (°CDB)	Indoor air temperature:																				
			14.0 °CWB		16.0 °CWB		18.0 °CWB		19.0 °CWB		20.0 °CWB		22.0 °CWB		24.0 °CWB								
			20.0 °CDB		23.0 °CDB		26.0 °CDB		27.0 °CDB		28.0 °CDB		30.0 °CDB		32.0 °CDB								
			TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI							
90	360 (40.50)	10	27.3	kW	4.35	32.6	kW	5.24	37.9	kW	6.19	40.5	kW	6.68	43.1	kW	7.18	48.4	kW	8.20	53.7	kW	9.25
		12	27.3	4.42	32.6	5.34	37.9	6.31	40.5	6.81	43.1	7.32	48.4	8.36	53.7	9.42							
		14	27.3	4.50	32.6	5.44	37.9	6.42	40.5	6.94	43.1	7.46	48.4	8.52	53.7	9.60							
		16	27.3	4.58	32.6	5.54	37.9	6.55	40.5	7.07	43.1	7.60	48.4	8.69	53.7	9.79							
		18	27.3	4.66	32.6	5.64	37.9	6.68	40.5	7.21	43.1	7.75	48.4	8.86	53.7	10.3							
		20	27.3	4.75	32.6	5.75	37.9	6.81	40.5	7.35	43.1	8.04	48.4	9.52	53.7	11.1							
		21	27.3	4.79	32.6	5.81	37.9	6.93	40.5	7.61	43.1	8.33	48.4	9.86	53.7	11.5							
		23	27.3	4.88	32.6	6.05	37.9	7.41	40.5	8.15	43.1	8.92	48.4	10.6	53.1	12.1							
		25	27.3	5.14	32.6	6.45	37.9	7.92	40.5	8.72	43.1	9.55	48.4	11.3	52.3	12.7							
		27	27.3	5.47	32.6	6.88	37.9	8.46	40.5	9.31	43.1	10.2	48.4	12.1	51.6	13.2							
		29	27.3	5.82	32.6	7.34	37.9	9.03	40.5	9.94	43.1	10.9	48.4	13.0	50.8	13.7							
		31	27.3	6.19	32.6	7.81	37.9	9.62	40.5	10.6	43.1	11.6	48.4	13.8	50.0	14.3							
		33	27.3	6.58	32.6	8.31	37.9	10.3	40.5	11.3	43.1	12.4	48.3	14.7	49.3	14.8							
		35	27.3	6.98	32.6	8.84	37.9	10.9	40.5	12.0	43.1	13.2	47.5	15.2	48.5	15.4							
		37	27.3	7.41	32.6	9.40	37.9	11.6	40.5	12.8	43.1	14.1	46.7	15.8	47.7	15.9							
		39	27.3	7.86	32.6	9.99	37.9	12.4	40.5	13.7	43.1	15.0	46.0	16.3	47.0	16.4							
80	320 (36.00)	10	24.3	3.86	29.0	4.62	33.7	5.43	36.0	5.85	38.3	6.28	43.0	7.16	47.7	8.07							
		12	24.3	3.92	29.0	4.70	33.7	5.53	36.0	5.96	38.3	6.40	43.0	7.30	47.7	8.22							
		14	24.3	3.99	29.0	4.78	33.7	5.63	36.0	6.07	38.3	6.52	43.0	7.43	47.7	8.38							
		16	24.3	4.06	29.0	4.87	33.7	5.74	36.0	6.18	38.3	6.64	43.0	7.58	47.7	8.54							
		18	24.3	4.13	29.0	4.96	33.7	5.84	36.0	6.30	38.3	6.77	43.0	7.73	47.7	8.71							
		20	24.3	4.20	29.0	5.05	33.7	5.96	36.0	6.43	38.3	6.91	43.0	8.01	47.7	9.32							
		21	24.3	4.24	29.0	5.10	33.7	6.02	36.0	6.49	38.3	7.05	43.0	8.30	47.7	9.65							
		23	24.3	4.31	29.0	5.20	33.7	6.31	36.0	6.91	38.3	7.54	43.0	8.89	47.7	10.3							
		25	24.3	4.45	29.0	5.54	33.7	6.74	36.0	7.39	38.3	8.06	43.0	9.51	47.7	11.1							
		27	24.3	4.74	29.0	5.90	33.7	7.19	36.0	7.88	38.3	8.61	43.0	10.2	47.7	11.9							
		29	24.3	5.04	29.0	6.28	33.7	7.66	36.0	8.41	38.3	9.19	43.0	10.9	47.7	12.7							
		31	24.3	5.35	29.0	6.68	33.7	8.16	36.0	8.96	38.3	9.80	43.0	11.6	47.7	13.5							
		33	24.3	5.67	29.0	7.10	33.7	8.69	36.0	9.54	38.3	10.4	43.0	12.4	47.7	14.4							
		35	24.3	6.02	29.0	7.54	33.7	9.24	36.0	10.2	38.3	11.1	43.0	13.2	47.4	15.2							
		37	24.3	6.38	29.0	8.01	33.7	9.83	36.0	10.8	38.3	11.8	43.0	14.0	46.6	15.8							
		39	24.3	6.76	29.0	8.50	33.7	10.4	36.0	11.5	38.3	12.6	43.0	15.0	45.8	16.3							
70	280 (31.50)	10	21.3	3.39	25.4	4.03	29.5	4.70	31.5	5.05	33.5	5.41	37.6	6.15	41.7	6.92							
		12	21.3	3.45	25.4	4.09	29.5	4.78	31.5	5.14	33.5	5.51	37.6	6.26	41.7	7.05							
		14	21.3	3.50	25.4	4.16	29.5	4.87	31.5	5.23	33.5	5.61	37.6	6.38	41.7	7.18							
		16	21.3	3.56	25.4	4.24	29.5	4.96	31.5	5.33	33.5	5.71	37.6	6.50	41.7	7.32							
		18	21.3	3.61	25.4	4.31	29.5	5.05	31.5	5.43	33.5	5.82	37.6	6.63	41.7	7.46							
		20	21.3	3.68	25.4	4.39	29.5	5.14	31.5	5.54	33.5	5.94	37.6	6.76	41.7	7.67							
		21	21.3	3.71	25.4	4.43	29.5	5.19	31.5	5.59	33.5	5.99	37.6	6.87	41.7	7.94							
		23	21.3	3.77	25.4	4.51	29.5	5.30	31.5	5.78	33.5	6.28	37.6	7.35	41.7	8.51							
		25	21.3	3.84	25.4	4.69	29.5	5.65	31.5	6.17	33.5	6.71	37.6	7.86	41.7	9.10							
		27	21.3	4.06	25.4	4.99	29.5	6.02	31.5	6.58	33.5	7.16	37.6	8.39	41.7	9.73							
		29	21.3	4.31	25.4	5.30	29.5	6.41	31.5	7.01	33.5	7.63	37.6	8.95	41.7	10.4							
		31	21.3	4.57	25.4	5.63	29.5	6.82	31.5	7.46	33.5	8.12	37.6	9.54	41.7	11.1							
		33	21.3	4.84	25.4	5.98	29.5	7.25	31.5	7.93	33.5	8.65	37.6	10.2	41.7	11.8							
		35	21.3	5.12	25.4	6.35	29.5	7.70	31.5	8.43	33.5	9.20	37.6	10.8	41.7	12.6							
		37	21.3	5.43	25.4	6.73	29.5	8.18	31.5	8.96	33.5	9.78	37.6	11.5	41.7	13.4							
		39	21.3	5.74	25.4	7.13	29.5	8.69	31.5	9.52	33.5	10.4	37.6	12.3	41.7	14.3							
60	240 (27.00)	10	18.2	2.95	21.7	3.47	25.2	4.01	27.0	4.29	28.8	4.59	32.3	5.19	35.8	5.81							
		12	18.2	3.00	21.7	3.52	25.2	4.08	27.0	4.37	28.8	4.66	32.3	5.28	35.8	5.92							
		14	18.2	3.04	21.7	3.57	25.2	4.15	27.0	4.44	28.8	4.75	32.3	5.37	35.8	6.03							
		16	18.2	3.08	21.7	3.63	25.2	4.22	27.0	4.52	28.8	4.83	32.3	5.47	35.8	6.14							
		18	18.2	3.13	21.7	3.69	25.2	4.29	27.0	4.60	28.8	4.92	32.3	5.58	35.8	6.26							
		20	18.2	3.18	21.7	3.76	25.2	4.37	27.0	4.69	28.8	5.01	32.3	5.68	35.8	6.38							
		21	18.2	3.21	21.7	3.79	25.2	4.41	27.0	4.73	28.8	5.06	32.3	5.74	35.8	6.45							
		23	18.2	3.26	21.7	3.85	25.2	4.49	27.0	4.82	28.8	5.16	32.3	5.96	35.8	6.85							
		25	18.2	3.31	21.7	3.92	25.2	4.66	27.0	5.06	28.8	5.48	32.3	6.37	35.8	7.32							
		27	18.2	3.43	21.7	4.16	25.2	4.96	27.0	5.39	28.8	5.84	32.3	6.79	35.8	7.82							
		29	18.2	3.64	21.7	4.42	25.2	5.28	27.0	5.74	28.8	6.21	32.3	7.23	35.8	8.34							
		31	18.2	3.85	21.7	4.68	25.2	5.60	27.0	6.10	28.8	6.61	32.3	7.70	35.8	8.88							
		33	18.2	4.07	21.7	4.96	25.2	5.95	27.0	6.48	28.8	7.03	32.3	8.20	35.8	9.46							
		35	18.2	4.31	21.7	5.26	25.2	6.31	27.0	6.87	28.8	7.46	32.3	8.72	35.8	10.1							
		37	18.2	4.55	21.7	5.57	25.2	6.69	27.0	7.29	28.8	7.92	32.3	9.26	35.8	10.7							
		39	18.2	4.81	21.7	5.89	25.2	7.09	27.0	7.74	28.8	8.41	32.3	9.84	35.8	11.4							
50	200 (22.50)	10	15.2	2.54	18.1	2.94	21.0	3.36	22.5	3.58	24.0	3.81	26.9	4.28	29.8	4.76							
		12	15.2	2.57	18.1	2.98	21.0	3.41	22.5	3.64	24.0	3.87	26.9	4.35	29.8	4.85							
		14	15.2	2.60	18.1	3.02	21.0	3.47	22.5	3.70	24.0	3.93	26.9	4.42	29.8	4.93							
		16	15.2	2.64	18.1	3.07	21.0	3.52	22.5	3.76	24.0	4.00	26.9	4.50	29.8	5.02							
		18	15.2	2.68	18.1	3.11	21.0	3.58	22.5	3.82	24.0	4.07	26.9	4.58	29.8	5.11							
		20	15.2	2.72	18.1	3.16	21.0	3.64	22.5	3.89	24.0	4.14	26.9	4.67	29.8	5.21							
		21	15.2	2.74	18.1	3.19	21.0	3.67	22.5	3.92	24.0	4.18	26.9	4.71	29.8	5.26							
		23	15.2	2.78	18.1	3.24	21.0	3.73	22.5	3.99	24.0	4.25	26.9	4.80	29.8	5.38							
		25	15.2	2.82	18.1	3.29	21.0	3.80	22.5	4.07	24.0	4.38	26.9	5.04	29.8	5.74							
		27	15.2	2.86	18.1	3.41	21.0	4.01	22.5	4.33	24.0	4.66	26.9	5.36	29.8	6.12							
		29	15.2	3.03	18.1	3.61	21.0	4.26	22.5	4.60	24.0	4.95	26.9	5.71	29.8	6.51							
		31	15.2	3.20	18.1	3.83	21.0	4.51	22.5	4.88	24.0	5.26	26.9	6.06	29.8	6.93							
		33	15.2	3.38	18.1	4.05	21.0	4.78	22.5	5.17	24.0	5.58	26.9	6.44	29.8	7.37							
		35	15.2	3.57	18.1	4.28	21.0	5.06	22.5	5.48	24.0	5.92	26.9	6.84	29.8	7.83							
		37	15.2	3.76	18.1	4.52	21.0	5.36	22.5	5.80	24.0	6.27	26.9	7.26	29.8	8.32							
		39	15.2	3.97	18.1	4.78	21.0	5.67	22.5	6.15	24.0	6.64	26.9	7.70	29.8	8.83							

5 Capacity tables

5 - 2 Heating Capacity Tables

REYAAQ10P

TC: Total Capacity: kW ; PI: Power Input: kW (compressor + outdoor fan motor)

Combination (%)	Capacity index (kW)	Outdoor air temp.		Indoor air temperature: °CDB											
				16.0		18.0		20.0		21.0		22.0		24.0	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130	325 (36.40)	-19.8	-20.0	20.6	5.42	20.6	5.79	20.5	6.16	20.5	6.35	20.4	6.53	20.4	6.90
		-18.8	-19.0	21.0	5.54	20.9	5.90	20.9	6.27	20.8	6.45	20.8	6.63	20.7	6.99
		-16.7	-17.0	21.8	5.79	21.7	6.14	21.6	6.49	21.6	6.66	21.6	6.84	21.5	7.19
		-13.7	-15.0	22.7	6.05	22.6	6.38	22.5	6.72	22.5	6.89	22.5	7.05	22.4	7.39
		-11.8	-13.0	23.7	6.31	23.6	6.63	23.5	6.95	23.5	7.11	23.4	7.27	23.4	7.59
		-9.8	-11.0	24.7	6.58	24.7	6.88	24.6	7.19	24.6	7.34	24.5	7.49	24.5	7.80
		-9.5	-10.0	25.3	6.71	25.3	7.01	25.2	7.31	25.1	7.46	25.1	7.61	25.0	7.90
		-8.5	-9.1	25.9	6.83	25.8	7.12	25.7	7.41	25.7	7.56	25.7	7.70	25.6	8.00
		-7.0	-7.6	26.8	7.02	26.7	7.30	26.7	7.59	26.6	7.73	26.6	7.87	26.5	8.15
		-5.0	-5.6	28.2	7.28	28.1	7.54	28.0	7.81	28.0	7.94	28.0	8.08	27.9	8.35
		-3.0	-3.7	29.5	7.51	29.5	7.77	29.4	8.02	29.4	8.15	29.3	8.27	29.3	8.53
		0.0	-0.7	31.9	7.86	31.8	8.10	31.8	8.33	31.7	8.45	31.7	8.57	31.6	8.80
		3.0	2.2	34.4	8.18	34.3	8.40	34.3	8.62	34.2	8.73	34.2	8.84	34.1	9.05
		5.0	4.1	36.1	8.38	36.1	8.59	36.0	8.80	36.0	8.90	35.9	9.00	35.7	9.14
		7.0	6.0	38.0	8.57	37.9	8.77	37.8	8.96	37.8	9.06	37.8	9.16	35.7	8.59
		9.0	7.9	39.9	8.75	39.8	8.94	39.8	9.12	39.6	9.19	38.3	8.81	35.7	8.07
		11.0	9.8	41.9	8.92	41.8	9.10	41.0	8.99	39.6	8.63	38.3	8.28	35.7	7.60
		13.0	11.8	44.1	9.09	43.6	9.10	41.0	8.42	39.6	8.09	38.3	7.77	35.7	7.14
		15.0	13.7	46.2	9.20	43.6	8.56	41.0	7.93	39.6	7.62	38.3	7.32	35.7	6.73
120	300 (33.60)	-19.8	-20.0	20.6	5.92	20.5	6.26	20.4	6.60	20.4	6.77	20.4	6.94	20.3	7.28
		-18.8	-19.0	20.9	6.03	20.8	6.37	20.8	6.70	20.7	6.87	20.7	7.04	20.6	7.37
		-16.7	-17.0	21.7	6.26	21.6	6.58	21.6	6.91	21.5	7.07	21.5	7.23	21.4	7.55
		-13.7	-15.0	22.6	6.50	22.5	6.81	22.4	7.12	22.4	7.27	22.4	7.43	22.3	7.74
		-11.8	-13.0	23.6	6.75	23.5	7.04	23.4	7.34	23.4	7.48	23.4	7.63	23.3	7.93
		-9.8	-11.0	24.7	6.99	24.6	7.27	24.5	7.56	24.5	7.70	24.5	7.84	24.4	8.12
		-9.5	-10.0	25.2	7.11	25.2	7.39	25.1	7.66	25.1	7.80	25.0	7.94	25.0	8.21
		-8.5	-9.1	25.8	7.22	25.7	7.49	25.6	7.76	25.6	7.90	25.6	8.03	25.5	8.30
		-7.0	-7.6	26.7	7.40	26.7	7.66	26.6	7.92	26.6	8.05	26.5	8.18	26.5	8.44
		-5.0	-5.6	28.1	7.64	28.0	7.88	27.9	8.13	27.9	8.25	27.9	8.38	27.8	8.62
		-3.0	-3.7	29.5	7.85	29.4	8.09	29.3	8.32	29.3	8.44	29.3	8.56	29.2	8.79
		0.0	-0.7	31.8	8.18	31.7	8.40	31.7	8.62	31.6	8.72	31.6	8.83	31.5	9.05
		3.0	2.2	34.3	8.48	34.2	8.68	34.2	8.88	34.1	8.98	34.1	9.08	32.9	8.82
		5.0	4.1	36.0	8.66	36.0	8.85	35.9	9.04	35.9	9.14	35.4	9.04	32.9	8.28
		7.0	6.0	37.9	8.84	37.8	9.02	37.7	9.20	36.6	8.85	35.4	8.49	32.9	7.79
		9.0	7.9	39.8	9.00	39.7	9.17	37.8	8.66	36.6	8.32	35.4	7.98	32.9	7.33
		11.0	9.8	41.8	9.16	40.2	8.79	37.8	8.14	36.6	7.83	35.4	7.52	32.9	6.91
		13.0	11.8	42.7	8.86	40.2	8.24	37.8	7.64	36.6	7.35	35.4	7.06	32.9	6.50
		15.0	13.7	42.7	8.34	40.2	7.76	37.8	7.20	36.6	6.93	35.4	6.66	32.9	6.14
110	275 (30.80)	-19.8	-20.0	20.5	6.42	20.4	6.73	20.3	7.04	20.3	7.20	20.3	7.36	20.2	7.67
		-18.8	-19.0	20.8	6.52	20.7	6.83	20.7	7.14	20.7	7.29	20.6	7.44	20.6	7.75
		-16.7	-17.0	21.6	6.73	21.5	7.03	21.5	7.32	21.4	7.47	21.4	7.62	21.4	7.91
		-13.7	-15.0	22.5	6.95	22.4	7.24	22.4	7.52	22.3	7.66	22.3	7.80	22.2	8.09
		-11.8	-13.0	23.5	7.18	23.4	7.45	23.3	7.72	23.3	7.86	23.3	7.99	23.2	8.26
		-9.8	-11.0	24.6	7.40	24.5	7.66	24.4	7.92	24.4	8.05	24.4	8.18	24.3	8.44
		-9.5	-10.0	25.1	7.52	25.1	7.77	25.0	8.02	25.0	8.15	24.9	8.27	24.9	8.53
		-8.5	-9.1	25.7	7.62	25.6	7.86	25.6	8.11	25.5	8.23	25.5	8.36	25.4	8.60
		-7.0	-7.6	26.6	7.78	26.6	8.02	26.5	8.26	26.5	8.38	26.4	8.50	26.4	8.73
		-5.0	-5.6	28.0	8.00	27.9	8.23	27.9	8.45	27.8	8.56	27.8	8.68	27.7	8.90
		-3.0	-3.7	29.4	8.20	29.3	8.41	29.2	8.63	29.2	8.74	29.2	8.84	29.1	9.06
		0.0	-0.7	31.7	8.50	31.6	8.70	31.6	8.90	31.6	9.00	31.5	9.10	30.2	8.71
		3.0	2.2	34.2	8.77	34.1	8.96	34.1	9.14	33.5	9.01	32.4	8.64	30.2	7.92
		5.0	4.1	35.9	8.94	35.9	9.12	34.7	8.81	33.5	8.47	32.4	8.12	30.2	7.45
		7.0	6.0	37.8	9.10	36.9	8.94	34.7	8.28	33.5	7.96	32.4	7.64	30.2	7.02
		9.0	7.9	39.1	9.03	36.9	8.40	34.7	7.79	33.5	7.49	32.4	7.19	30.2	6.61
		11.0	9.8	39.1	8.49	36.9	7.90	34.7	7.33	33.5	7.05	32.4	6.78	30.2	6.24
		13.0	11.8	39.1	7.96	36.9	7.42	34.7	6.89	33.5	6.63	32.4	6.38	30.2	5.88
		15.0	13.7	39.1	7.50	36.9	7.00	34.7	6.50	33.5	6.26	32.4	6.02	30.2	5.56
100	250 (28.00)	-19.8	-20.0	20.4	6.92	20.3	7.20	20.2	7.49	20.2	7.63	20.2	7.77	20.1	8.05
		-18.8	-19.0	20.7	7.01	20.7	7.29	20.6	7.57	20.6	7.71	20.5	7.85	20.5	8.13
		-16.7	-17.0	21.5	7.20	21.4	7.47	21.4	7.74	21.4	7.88	21.3	8.01	21.3	8.28
		-13.7	-15.0	22.4	7.41	22.3	7.66	22.3	7.92	22.2	8.05	22.2	8.18	22.2	8.44
		-11.8	-13.0	23.4	7.61	23.3	7.86	23.3	8.10	23.2	8.23	23.2	8.35	23.1	8.60
		-9.8	-11.0	24.5	7.82	24.4	8.05	24.3	8.29	24.3	8.40	24.3	8.52	24.2	8.76
		-9.5	-10.0	25.0	7.92	25.0	8.15	24.9	8.38	24.9	8.49	24.9	8.61	24.8	8.84
		-8.5	-9.1	25.6	8.01	25.5	8.24	25.5	8.46	25.4	8.57	25.4	8.68	25.4	8.91
		-7.0	-7.6	26.5	8.16	26.5	8.38	26.4	8.60	26.4	8.70	26.4	8.81	26.3	9.03
		-5.0	-5.6	27.9	8.36	27.8	8.57	27.8	8.77	27.7	8.87	27.7	8.98	27.5	9.07
		-3.0	-3.7	29.3	8.54	29.2	8.74	29.1	8.93	29.1	9.03	29.1	9.13	27.5	8.54
		0.0	-0.7	31.6	8.82	31.6	9.00	31.5	9.18	30.5	8.81	29.5	8.45	27.5	7.75
		3.0	2.2	34.1	9.07	33.5	9.01	31.5	8.34	30.5	8.02	29.5	7.70	27.5	7.07
		5.0	4.1	35.5	9.10	33.5	8.46	31.5	7.84	30.5	7.54	29.5	7.24	27.5	6.66
		7.0	6.0	35.5	8.54	33.5	7.95	31.5	7.38	30.5	7.10	29.5	6.82	27.5	6.28
		9.0	7.9	35.5	8.03	33.5	7.48	31.5	6.95	30.5	6.69	29.5	6.43	27.5	5.93
		11.0	9.8	35.5	7.56	33.5	7.05	31.5	6.55	30.5	6.31	29.5	6.07	27.5	5.60
		13.0	11.8	35.5	7.10	33.5	6.63	31.5	6.17	30.5	5.94	29.5	5.72	27.5	5.28
		15.0	13.7	35.5	6.70	33.5	6.26	31.5	5.83	30.5	5.62	29.5	5.41	27.5	5.00

3TW60652-1(1)

NOTES - ANMERKUNGEN - Σημειώσεις - NOTAS - REMARQUES - NOTE - OPMERKINGEN - примечания - NOTLAR

- 1 is shown as reference. When selecting the unit models, avoid the Outdoor air temperature range shown by .
 dient als Verweis. Vermeiden Sie bei der Auswahl der Gerätemodelle den als markierten Temperaturbereich der Außenluft.

5 Capacity tables

5 - 2 Heating Capacity Tables

REYAAQ10P

TC: Total Capacity: kW ; PI: Power Input: kW (compressor + outdoor fan motor)

Combination (%)	Capacity index (kW)	Outdoor air temp.		Indoor air temperature: °CDB											
				16.0		18.0		20.0		21.0		22.0		24.0	
		°CDB	°CWB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
90%	225 (25.20)	-19.8	-20.0	20.3	7.42	20.2	7.67	20.2	7.93	20.1	8.06	20.1	8.18	20.1	8.44
		-18.8	-19.0	20.6	7.50	20.6	7.75	20.5	8.00	20.5	8.13	20.5	8.25	20.4	8.51
		-16.7	-17.0	21.4	7.68	21.4	7.92	21.3	8.16	21.3	8.28	21.3	8.40	21.2	8.64
		-13.7	-15.0	22.3	7.86	22.2	8.09	22.2	8.32	22.2	8.44	22.1	8.55	22.1	8.78
		-11.8	-13.0	23.3	8.04	23.2	8.27	23.2	8.49	23.1	8.60	23.1	8.71	23.1	8.93
		-9.8	-11.0	24.4	8.23	24.3	8.44	24.3	8.65	24.2	8.76	24.2	8.86	24.2	9.08
		-9.5	-10.0	24.9	8.32	24.9	8.53	24.8	8.74	24.8	8.84	24.8	8.94	24.7	9.13
		-8.5	-9.1	25.5	8.41	25.4	8.61	25.4	8.81	25.4	8.91	25.3	9.01	24.7	8.88
		-7.0	-7.6	26.4	8.54	26.4	8.74	26.3	8.93	26.3	9.03	26.3	9.13	24.7	8.48
		-5.0	-5.6	27.8	8.72	27.7	8.91	27.7	9.09	27.4	9.07	26.5	8.70	24.7	7.97
		-3.0	-3.7	29.2	8.89	29.1	9.06	28.4	8.88	27.4	8.53	26.5	8.19	24.7	7.51
		0.0	-0.7	31.5	9.13	30.2	8.70	28.4	8.06	27.4	7.75	26.5	7.44	24.7	6.84
		3.0	2.2	32.0	8.50	30.2	7.92	28.4	7.34	27.4	7.06	26.5	6.79	24.7	6.25
		5.0	4.1	32.0	7.99	30.2	7.45	28.4	6.92	27.4	6.66	26.5	6.40	24.7	5.90
		7.0	6.0	32.0	7.52	30.2	7.01	28.4	6.52	27.4	6.28	26.5	6.04	24.7	5.57
		9.0	7.9	32.0	7.08	30.2	6.61	28.4	6.15	27.4	5.92	26.5	5.70	24.7	5.26
		11.0	9.8	32.0	6.67	30.2	6.23	28.4	5.81	27.4	5.60	26.5	5.39	24.7	4.98
		13.0	11.8	32.0	6.28	30.2	5.87	28.4	5.47	27.4	5.28	26.5	5.08	24.7	4.71
		15.0	13.7	32.0	5.93	30.2	5.55	28.4	5.18	27.4	5.00	26.5	4.82	24.7	4.46
80%	200 (22.40)	-19.8	-20.0	20.2	7.92	20.1	8.14	20.1	8.37	20.1	8.48	20.0	8.60	20.0	8.82
		-18.8	-19.0	20.5	7.99	20.5	8.21	20.4	8.44	20.4	8.55	20.4	8.66	20.3	8.88
		-16.7	-17.0	21.3	8.15	21.3	8.36	21.2	8.58	21.2	8.68	21.2	8.79	21.1	9.01
		-13.7	-15.0	22.2	8.31	22.1	8.52	22.1	8.72	22.1	8.83	22.1	8.93	22.0	9.10
		-11.8	-13.0	23.2	8.48	23.1	8.67	23.1	8.87	23.1	8.97	23.0	9.07	22.0	8.61
		-9.8	-11.0	24.3	8.64	24.2	8.83	24.2	9.02	24.1	9.11	23.6	8.88	22.0	8.13
		-9.5	-10.0	24.8	8.73	24.8	8.91	24.8	9.09	24.4	8.99	23.6	8.62	22.0	7.90
		-8.5	-9.1	25.4	8.80	25.3	8.98	25.2	9.11	24.4	8.74	23.6	8.39	22.0	7.69
		-7.0	-7.6	26.3	8.92	26.3	9.10	25.2	8.69	24.4	8.35	23.6	8.01	22.0	7.35
		-5.0	-5.6	27.7	9.08	26.8	8.82	25.2	8.17	24.4	7.85	23.6	7.53	22.0	6.92
		-3.0	-3.7	28.4	8.92	26.8	8.30	25.2	7.69	24.4	7.40	23.6	7.10	22.0	6.53
		0.0	-0.7	28.4	8.09	26.8	7.54	25.2	7.00	24.4	6.73	23.6	6.47	22.0	5.96
		3.0	2.2	28.4	7.37	26.8	6.88	25.2	6.39	24.4	6.16	23.6	5.92	22.0	5.47
		5.0	4.1	28.4	6.94	26.8	6.48	25.2	6.03	24.4	5.81	23.6	5.59	22.0	5.17
		7.0	6.0	28.4	6.54	26.8	6.11	25.2	5.69	24.4	5.49	23.6	5.29	22.0	4.89
		9.0	7.9	28.4	6.17	26.8	5.77	25.2	5.38	24.4	5.19	23.6	5.00	22.0	4.63
		11.0	9.8	28.4	5.83	26.8	5.45	25.2	5.09	24.4	4.91	23.6	4.73	22.0	4.39
		13.0	11.8	28.4	5.49	26.8	5.15	25.2	4.81	24.4	4.64	23.6	4.48	22.0	4.15
		15.0	13.7	28.4	5.20	26.8	4.88	25.2	4.56	24.4	4.40	23.6	4.25	22.0	3.95
70%	175 (19.60)	-19.8	-20.0	20.1	8.41	20.0	8.61	20.0	8.81	20.0	8.91	19.9	9.01	19.2	8.71
		-18.8	-19.0	20.4	8.48	20.4	8.68	20.3	8.87	20.3	8.97	20.3	9.07	19.2	8.52
		-16.7	-17.0	21.2	8.62	21.2	8.81	21.1	8.99	21.1	9.09	20.6	8.87	19.2	8.12
		-13.7	-15.0	22.1	8.76	22.1	8.94	22.0	9.12	21.3	8.78	20.6	8.42	19.2	7.72
		-11.8	-13.0	23.1	8.91	23.0	9.08	22.1	8.66	21.3	8.31	20.6	7.98	19.2	7.32
		-9.8	-11.0	24.2	9.06	23.5	8.82	22.1	8.17	21.3	7.86	20.6	7.54	19.2	6.93
		-9.5	-10.0	24.7	9.13	23.5	8.57	22.1	7.94	21.3	7.63	20.6	7.33	19.2	6.74
		-8.5	-9.1	24.9	8.96	23.5	8.34	22.1	7.73	21.3	7.43	20.6	7.14	19.2	6.56
		-7.0	-7.6	24.9	8.56	23.5	7.97	22.1	7.39	21.3	7.11	20.6	6.83	19.2	6.29
		-5.0	-5.6	24.9	8.04	23.5	7.49	22.1	6.96	21.3	6.69	20.6	6.43	19.2	5.93
		-3.0	-3.7	24.9	7.57	23.5	7.06	22.1	6.56	21.3	6.32	20.6	6.08	19.2	5.61
		0.0	-0.7	24.9	6.89	23.5	6.44	22.1	5.99	21.3	5.77	20.6	5.56	19.2	5.13
		3.0	2.2	24.9	6.30	23.5	5.89	22.1	5.49	21.3	5.29	20.6	5.10	19.2	4.72
		5.0	4.1	24.9	5.94	23.5	5.56	22.1	5.19	21.3	5.01	20.6	4.83	19.2	4.47
		7.0	6.0	24.9	5.61	23.5	5.26	22.1	4.91	21.3	4.74	20.6	4.57	19.2	4.24
		9.0	7.9	24.9	5.31	23.5	4.97	22.1	4.65	21.3	4.49	20.6	4.33	19.2	4.02
		11.0	9.8	24.9	5.02	23.5	4.71	22.1	4.41	21.3	4.26	20.6	4.11	19.2	3.82
		13.0	11.8	24.9	4.74	23.5	4.45	22.1	4.17	21.3	4.03	20.6	3.89	19.2	3.62
		15.0	13.7	24.9	4.50	23.5	4.23	22.1	3.96	21.3	3.83	20.6	3.70	19.2	3.45
60%	150 (16.80)	-19.8	-20.0	20.0	8.91	19.9	9.08	18.9	8.53	18.3	8.19	17.7	7.86	16.5	7.22
		-18.8	-19.0	20.3	8.97	20.1	9.01	18.9	8.34	18.3	8.02	17.7	7.70	16.5	7.07
		-16.7	-17.0	21.1	9.09	20.1	8.59	18.9	7.96	18.3	7.65	17.7	7.35	16.5	6.75
		-13.7	-15.0	21.3	8.78	20.1	8.16	18.9	7.57	18.3	7.28	17.7	6.99	16.5	6.43
		-11.8	-13.0	21.3	8.31	20.1	7.74	18.9	7.18	18.3	6.91	17.7	6.64	16.5	6.11
		-9.8	-11.0	21.3	7.85	20.1	7.31	18.9	6.79	18.3	6.54	17.7	6.29	16.5	5.80
		-9.5	-10.0	21.3	7.62	20.1	7.11	18.9	6.61	18.3	6.36	17.7	6.12	16.5	5.64
		-8.5	-9.1	21.3	7.43	20.1	6.93	18.9	6.44	18.3	6.20	17.7	5.96	16.5	5.50
		-7.0	-7.6	21.3	7.10	20.1	6.63	18.9	6.17	18.3	5.94	17.7	5.72	16.5	5.28
		-5.0	-5.6	21.3	6.69	20.1	6.25	18.9	5.82	18.3	5.61	17.7	5.40	16.5	4.99
		-3.0	-3.7	21.3	6.32	20.1	5.90	18.9	5.50	18.3	5.31	17.7	5.11	16.5	4.73
		0.0	-0.7	21.3	5.77	20.1	5.40	18.9	5.04	18.3	4.86	17.7	4.69	16.5	4.35
		3.0	2.2	21.3	5.29	20.1	4.96	18.9	4.64	18.3	4.48	17.7	4.32	16.5	4.01
		5.0	4.1	21.3	5.00	20.1	4.69	18.9	4.39	18.3	4.24	17.7	4.10	16.5	3.81
		7.0	6.0	21.3	4.74	20.1	4.45	18.9	4.16	18.3	4.03	17.7	3.89	16.5	3.62
		9.0	7.9	21.3	4.49	20.1	4.22	18.9	3.95	18.3	3.82	17.7	3.69	16.5	3.44
		11.0	9.8	21.3	4.25	20.1	4.00	18.9	3.75	18.3	3.63	17.7	3.51	16.5	3.27
		13.0	11.8	21.3	4.03	20.1	3.79	18.9	3.56	18.3	3.45	17.7	3.33	16.5	3.11
		15.0	13.7	21.3	3.83	20.1	3.61	18.9	3.39	18.3	3.28	17.7	3.18	16.5	2.97
50%	125 (14.00)	-19.8	-20.0	17.8	7.91	16.8	7.37	15.8	6.85	15.2	6.59	14.7	6.34	13.7	5.84
		-18.8	-19.0	17.8	7.74	16.8	7.22	15.8	6.70	15.2	6.45	14.7	6.21	13.7	5.72

5 Capacity tables

5 - 2 Heating Capacity Tables

REYaq12P															
TC: Total Capacity: kW ; PI: Power Input: kW (compressor + outdoor fan motor)															
Combination (%)	Capacity index (kW)	Outdoor air temp.		Indoor air temperature: °CDB											
				16.0		18.0		20.0		21.0		22.0		24.0	
		°CDB	°CWB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	390 (43.55)	-19.8	-20.0	21.3	4.20	21.2	4.64	21.2	5.09	21.1	5.31	21.1	5.53	21.0	5.98
		-18.8	-19.0	21.7	4.34	21.6	4.78	21.5	5.21	21.5	5.43	21.4	5.65	21.3	6.09
		-16.7	-17.0	22.5	4.63	22.4	5.05	22.3	5.48	22.3	5.69	22.2	5.90	22.2	6.32
		-13.7	-15.0	23.4	4.94	23.3	5.34	23.2	5.75	23.2	5.95	23.1	6.15	23.1	6.55
		-11.8	-13.0	24.4	5.25	24.3	5.64	24.2	6.02	24.2	6.22	24.2	6.41	24.1	6.80
		-9.8	-11.0	25.5	5.57	25.4	5.94	25.3	6.30	25.3	6.49	25.3	6.67	25.2	7.04
		-9.5	-10.0	26.1	5.72	26.0	6.08	25.9	6.44	25.9	6.62	25.9	6.80	25.8	7.16
		-8.5	-9.1	26.7	5.86	26.6	6.22	26.5	6.57	26.4	6.74	26.4	6.92	26.3	7.27
		-7.0	-7.6	27.6	6.09	27.5	6.43	27.5	6.77	27.4	6.94	27.4	7.11	27.3	7.45
		-5.0	-5.6	29.0	6.39	28.9	6.72	28.8	7.04	28.8	7.20	28.8	7.36	28.7	7.68
		-3.0	-3.7	30.4	6.67	30.3	6.98	30.3	7.28	30.2	7.43	30.2	7.59	30.1	7.89
		0.0	-0.7	32.8	7.09	32.7	7.37	32.7	7.65	32.6	7.79	32.6	7.93	32.5	8.22
		3.0	2.2	35.4	7.46	35.3	7.72	35.2	7.98	35.2	8.11	35.1	8.24	35.0	8.51
		5.0	4.1	37.2	7.69	37.1	7.94	37.0	8.19	37.0	8.31	36.9	8.44	36.8	8.69
		7.0	6.0	39.0	7.91	39.0	8.15	38.9	8.38	38.8	8.50	38.8	8.62	38.7	8.86
		9.0	7.9	41.0	8.12	40.9	8.34	40.8	8.57	40.8	8.68	40.8	8.79	40.7	9.02
		11.0	9.8	43.1	8.32	43.0	8.53	42.9	8.74	42.9	8.85	42.8	8.96	42.5	9.09
		13.0	11.8	45.3	8.51	45.2	8.71	45.2	8.92	45.1	9.02	45.1	9.12	42.5	8.53
		15.0	13.7	47.6	8.69	47.5	8.88	47.4	9.07	47.2	9.11	45.6	8.75	42.5	8.05
120	360 (40.20)	-19.8	-20.0	21.2	4.80	21.1	5.21	21.1	5.62	21.0	5.83	21.0	6.03	20.9	6.44
		-18.8	-19.0	21.6	4.93	21.5	5.33	21.4	5.74	21.4	5.94	21.3	6.14	21.3	6.54
		-16.7	-17.0	22.4	5.20	22.3	5.59	22.2	5.98	22.2	6.17	22.1	6.37	22.1	6.75
		-13.7	-15.0	23.3	5.49	23.2	5.86	23.1	6.23	23.1	6.42	23.0	6.60	23.0	6.97
		-11.8	-13.0	24.3	5.77	24.2	6.13	24.1	6.49	24.1	6.66	24.1	6.84	24.0	7.20
		-9.8	-11.0	25.4	6.06	25.3	6.40	25.2	6.74	25.2	6.91	25.2	7.08	25.1	7.42
		-9.5	-10.0	26.0	6.21	25.9	6.54	25.8	6.87	25.8	7.04	25.8	7.20	25.7	7.53
		-8.5	-9.1	26.5	6.34	26.5	6.66	26.4	6.99	26.4	7.15	26.3	7.31	26.2	7.63
		-7.0	-7.6	27.5	6.55	27.4	6.86	27.4	7.18	27.3	7.33	27.3	7.49	27.2	7.80
		-5.0	-5.6	28.9	6.83	28.8	7.12	28.7	7.42	28.7	7.57	28.7	7.72	28.6	8.01
		-3.0	-3.7	30.3	7.08	30.2	7.37	30.2	7.65	30.1	7.79	30.1	7.93	30.0	8.21
		0.0	-0.7	32.7	7.47	32.6	7.73	32.6	7.99	32.5	8.12	32.5	8.25	32.4	8.51
		3.0	2.2	35.3	7.81	35.2	8.06	35.1	8.30	35.1	8.42	35.0	8.54	34.9	8.78
		5.0	4.1	37.0	8.03	37.0	8.26	36.9	8.49	36.9	8.60	36.8	8.72	36.7	8.94
		7.0	6.0	38.9	8.23	38.8	8.45	38.8	8.67	38.7	8.77	38.7	8.88	38.6	9.10
		9.0	7.9	40.9	8.42	40.8	8.63	40.7	8.84	40.7	8.94	40.7	9.04	39.2	8.78
		11.0	9.8	43.0	8.61	42.9	8.80	42.8	9.00	42.8	9.10	42.1	8.99	39.2	8.26
		13.0	11.8	45.2	8.79	45.1	8.97	45.0	9.14	43.6	8.79	42.1	8.44	39.2	7.77
		15.0	13.7	47.5	8.95	47.4	9.13	45.0	8.61	43.6	8.29	42.1	7.96	39.2	7.33
110	330 (36.85)	-19.8	-20.0	21.1	5.40	21.0	5.78	20.9	6.15	20.9	6.34	20.9	6.53	20.8	6.91
		-18.8	-19.0	21.5	5.52	21.4	5.89	21.3	6.26	21.3	6.44	21.2	6.63	21.2	7.00
		-16.7	-17.0	22.3	5.77	22.2	6.13	22.1	6.48	22.1	6.66	22.0	6.84	22.0	7.19
		-13.7	-15.0	23.2	6.03	23.1	6.37	23.0	6.71	23.0	6.88	23.0	7.05	22.9	7.40
		-11.8	-13.0	24.2	6.30	24.1	6.62	24.0	6.95	24.0	7.11	24.0	7.27	23.9	7.60
		-9.8	-11.0	25.3	6.56	25.2	6.87	25.1	7.18	25.1	7.34	25.1	7.50	25.0	7.81
		-9.5	-10.0	25.9	6.69	25.8	7.00	25.7	7.30	25.7	7.45	25.7	7.61	25.6	7.91
		-8.5	-9.1	26.4	6.81	26.4	7.11	26.3	7.41	26.3	7.56	26.2	7.70	26.1	8.00
		-7.0	-7.6	27.4	7.01	27.3	7.29	27.3	7.58	27.2	7.72	27.2	7.87	27.1	8.15
		-5.0	-5.6	28.8	7.26	28.7	7.53	28.6	7.81	28.6	7.94	28.6	8.08	28.5	8.35
		-3.0	-3.7	30.2	7.50	30.1	7.76	30.0	8.01	30.0	8.14	30.0	8.27	29.9	8.53
		0.0	-0.7	32.6	7.85	32.5	8.09	32.5	8.33	32.4	8.45	32.4	8.57	32.3	8.80
		3.0	2.2	35.1	8.17	35.1	8.39	35.0	8.61	35.0	8.72	34.9	8.83	34.9	9.05
		5.0	4.1	36.9	8.36	36.9	8.57	36.8	8.78	36.8	8.89	36.7	8.99	35.9	8.93
		7.0	6.0	38.8	8.55	38.7	8.75	38.7	8.95	38.6	9.05	38.6	9.15	35.9	8.41
		9.0	7.9	40.8	8.73	40.7	8.92	40.6	9.11	39.9	8.96	38.6	8.61	35.9	7.92
		11.0	9.8	42.8	8.89	42.8	9.07	41.3	8.77	39.9	8.44	38.6	8.11	35.9	7.47
		13.0	11.8	45.1	9.06	43.9	8.87	41.3	8.24	39.9	7.93	38.6	7.63	35.9	7.03
		15.0	13.7	46.6	8.97	43.9	8.36	41.3	7.78	39.9	7.49	38.6	7.20	35.9	6.64
100	300 (33.50)	-19.8	-20.0	21.0	6.00	20.9	6.34	20.8	6.69	20.8	6.86	20.8	7.03	20.7	7.37
		-18.8	-19.0	21.3	6.11	21.3	6.45	21.2	6.78	21.2	6.95	21.1	7.12	21.1	7.46
		-16.7	-17.0	22.1	6.34	22.1	6.66	22.0	6.99	22.0	7.15	21.9	7.31	21.9	7.63
		-13.7	-15.0	23.1	6.58	23.0	6.89	22.9	7.20	22.9	7.35	22.9	7.51	22.8	7.82
		-11.8	-13.0	24.1	6.82	24.0	7.11	23.9	7.41	23.9	7.56	23.9	7.71	23.8	8.00
		-9.8	-11.0	25.2	7.06	25.1	7.34	25.0	7.62	25.0	7.77	25.0	7.91	24.9	8.19
		-9.5	-10.0	25.8	7.18	25.7	7.46	25.6	7.73	25.6	7.87	25.6	8.01	25.5	8.28
		-8.5	-9.1	26.3	7.29	26.3	7.56	26.2	7.83	26.2	7.96	26.1	8.10	26.1	8.37
		-7.0	-7.6	27.3	7.46	27.2	7.72	27.2	7.99	27.1	8.12	27.1	8.25	27.0	8.51
		-5.0	-5.6	28.7	7.70	28.6	7.94	28.5	8.19	28.5	8.31	28.5	8.44	28.4	8.68
		-3.0	-3.7	30.1	7.91	30.0	8.14	29.9	8.38	29.9	8.50	29.9	8.61	29.8	8.85
		0.0	-0.7	32.5	8.23	32.4	8.45	32.4	8.66	32.3	8.77	32.3	8.88	32.2	9.10
		3.0	2.2	35.0	8.52	35.0	8.72	34.9	8.92	34.9	9.02	34.8	9.12	32.7	8.48
		5.0	4.1	36.8	8.70	36.8	8.89	36.7	9.08	36.3	9.04	35.1	8.68	32.7	7.98
		7.0	6.0	38.7	8.87	38.6	9.05	37.5	8.84	36.3	8.50	35.1	8.17	32.7	7.52
		9.0	7.9	40.7	9.03	39.9	8.96	37.5	8.32	36.3	8.01	35.1	7.70	32.7	7.09
		11.0	9.8	42.3	9.05	39.9	8.44	37.5	7.84	36.3	7.55	35.1	7.26	32.7	6.70
		13.0	11.8	42.3	8.49	39.9	7.93	37.5	7.38	36.3	7.11	35.1	6.84	32.7	6.32
		15.0	13.7	42.3	8.01	39.9	7.48	37.5	6.97	36.3	6.72	35.1	6.47	32.7	5.98

3TW60652-1(1)

NOTES - ANMERKUNGEN - Σημειώσεις - NOTAS - REMARQUES - NOTE - OPMERKINGEN

5 Capacity tables

5 - 2 Heating Capacity Tables

REYAAQ12P

TC: Total Capacity: kW ; PI: Power Input: kW (compressor + outdoor fan motor)

Combination (%)	Capacity index (kW)	Outdoor air temp.		Indoor air temperature: °CDB											
				16.0		18.0		20.0		21.0		22.0		24.0	
		°CDB	°CWB	kW	PI	kW	PI	kW	PI	kW	PI	kW	PI	kW	PI
90%	270 (30.15)	-19.8	-20.0	20.9	6.60	20.8	6.91	20.7	7.22	20.7	7.37	20.7	7.53	20.6	7.84
		-18.8	-19.0	21.2	6.70	21.2	7.00	21.1	7.31	21.1	7.46	21.0	7.61	21.0	7.91
		-16.7	-17.0	22.0	6.91	22.0	7.20	21.9	7.49	21.9	7.63	21.9	7.78	21.8	8.07
		-13.7	-15.0	22.9	7.12	22.9	7.40	22.8	7.68	22.8	7.82	22.8	7.96	22.7	8.24
		-11.8	-13.0	23.9	7.34	23.9	7.60	23.8	7.87	23.8	8.00	23.8	8.14	23.7	8.41
		-9.8	-11.0	25.1	7.56	25.0	7.81	24.9	8.07	24.9	8.19	24.9	8.32	24.8	8.57
		-9.5	-10.0	25.6	7.66	25.6	7.91	25.5	8.16	25.5	8.29	25.5	8.41	25.4	8.66
		-8.5	-9.1	26.2	7.76	26.1	8.00	26.1	8.25	26.1	8.37	26.0	8.49	26.0	8.73
		-7.0	-7.6	27.2	7.92	27.1	8.16	27.1	8.39	27.0	8.51	27.0	8.62	26.9	8.86
		-5.0	-5.6	28.6	8.13	28.5	8.35	28.4	8.58	28.4	8.69	28.4	8.80	28.3	9.02
		-3.0	-3.7	30.0	8.32	29.9	8.53	29.8	8.75	29.8	8.85	29.8	8.96	29.4	9.02
		0.0	-0.7	32.4	8.61	32.3	8.81	32.3	9.00	32.2	9.10	31.6	8.93	29.4	8.20
		3.0	2.2	34.9	8.87	34.9	9.05	33.8	8.81	32.7	8.47	31.6	8.14	29.4	7.49
		5.0	4.1	36.7	9.03	35.9	8.92	33.8	8.29	32.7	7.98	31.6	7.67	29.4	7.07
		7.0	6.0	38.1	9.01	35.9	8.40	33.8	7.81	32.7	7.52	31.6	7.23	29.4	6.67
		9.0	7.9	38.1	8.48	35.9	7.91	33.8	7.36	32.7	7.09	31.6	6.82	29.4	6.30
		11.0	9.8	38.1	7.99	35.9	7.46	33.8	6.95	32.7	6.70	31.6	6.45	29.4	5.96
		13.0	11.8	38.1	7.51	35.9	7.02	33.8	6.55	32.7	6.31	31.6	6.08	29.4	5.63
		15.0	13.7	38.1	7.09	35.9	6.64	33.8	6.19	32.7	5.98	31.6	5.76	29.4	5.34
80%	240 (26.80)	-19.8	-20.0	20.7	7.20	20.7	7.48	20.6	7.75	20.6	7.89	20.6	8.03	20.5	8.30
		-18.8	-19.0	21.1	7.29	21.1	7.56	21.0	7.83	21.0	7.96	21.0	8.10	20.9	8.37
		-16.7	-17.0	21.9	7.47	21.9	7.73	21.8	7.99	21.8	8.12	21.8	8.25	21.7	8.51
		-13.7	-15.0	22.8	7.66	22.8	7.91	22.7	8.16	22.7	8.28	22.7	8.41	22.6	8.66
		-11.8	-13.0	23.8	7.86	23.8	8.10	23.7	8.33	23.7	8.45	23.7	8.57	23.6	8.81
		-9.8	-11.0	24.9	8.05	24.9	8.28	24.8	8.51	24.8	8.62	24.8	8.73	24.7	8.96
		-9.5	-10.0	25.5	8.15	25.5	8.37	25.4	8.59	25.4	8.70	25.4	8.81	25.3	9.03
		-8.5	-9.1	26.1	8.24	26.0	8.45	26.0	8.67	26.0	8.78	25.9	8.88	25.9	9.10
		-7.0	-7.6	27.1	8.38	27.0	8.59	26.9	8.79	26.9	8.90	26.9	9.00	26.1	8.84
		-5.0	-5.6	28.4	8.56	28.4	8.76	28.3	8.96	28.3	9.06	28.1	9.05	26.1	8.32
		-3.0	-3.7	29.8	8.74	29.8	8.92	29.7	9.11	29.0	8.88	28.1	8.53	26.1	7.85
		0.0	-0.7	32.3	8.99	31.9	9.04	30.0	8.40	29.0	8.08	28.1	7.77	26.1	7.16
		3.0	2.2	33.9	8.84	31.9	8.25	30.0	7.67	29.0	7.38	28.1	7.10	26.1	6.55
		5.0	4.1	33.9	8.32	31.9	7.77	30.0	7.23	29.0	6.96	28.1	6.70	26.1	6.19
		7.0	6.0	33.9	7.84	31.9	7.32	30.0	6.82	29.0	6.57	28.1	6.33	26.1	5.86
		9.0	7.9	33.9	7.39	31.9	6.91	30.0	6.44	29.0	6.21	28.1	5.99	26.1	5.54
		11.0	9.8	33.9	6.97	31.9	6.53	30.0	6.09	29.0	5.88	28.1	5.67	26.1	5.25
		13.0	11.8	33.9	6.57	31.9	6.15	30.0	5.75	29.0	5.55	28.1	5.35	26.1	4.97
		15.0	13.7	33.9	6.21	31.9	5.83	30.0	5.45	29.0	5.26	28.1	5.08	26.1	4.72
70%	210 (23.45)	-19.8	-20.0	20.6	7.81	20.6	8.05	20.5	8.28	20.5	8.40	20.5	8.52	20.4	8.76
		-18.8	-19.0	21.0	7.88	20.9	8.12	20.9	8.35	20.9	8.47	20.9	8.59	20.8	8.82
		-16.7	-17.0	21.8	8.04	21.8	8.27	21.7	8.50	21.7	8.61	21.7	8.72	21.6	8.95
		-13.7	-15.0	22.7	8.21	22.7	8.43	22.6	8.64	22.6	8.75	22.6	8.86	22.5	9.08
		-11.8	-13.0	23.7	8.38	23.7	8.59	23.6	8.79	23.6	8.90	23.6	9.00	22.9	8.82
		-9.8	-11.0	24.8	8.55	24.8	8.75	24.7	8.95	24.7	9.04	24.6	9.08	22.9	8.34
		-9.5	-10.0	25.4	8.63	25.4	8.83	25.3	9.02	25.3	9.12	24.6	8.82	22.9	8.10
		-8.5	-9.1	26.0	8.71	25.9	8.90	25.9	9.09	25.4	8.94	24.6	8.58	22.9	7.89
		-7.0	-7.6	26.9	8.84	26.9	9.02	26.3	8.88	25.4	8.54	24.6	8.21	22.9	7.56
		-5.0	-5.6	28.3	9.00	27.9	9.00	26.3	8.36	25.4	8.04	24.6	7.73	22.9	7.12
		-3.0	-3.7	29.6	9.10	27.9	8.48	26.3	7.88	25.4	7.59	24.6	7.30	22.9	6.73
		0.0	-0.7	29.6	8.27	27.9	7.73	26.3	7.19	25.4	6.93	24.6	6.67	22.9	6.16
		3.0	2.2	29.6	7.56	27.9	7.06	26.3	6.58	25.4	6.35	24.6	6.12	22.9	5.66
		5.0	4.1	29.6	7.12	27.9	6.67	26.3	6.22	25.4	6.00	24.6	5.78	22.9	5.36
		7.0	6.0	29.6	6.72	27.9	6.30	26.3	5.88	25.4	5.68	24.6	5.47	22.9	5.08
		9.0	7.9	29.6	6.35	27.9	5.95	26.3	5.57	25.4	5.37	24.6	5.19	22.9	4.81
		11.0	9.8	29.6	6.01	27.9	5.64	26.3	5.27	25.4	5.09	24.6	4.92	22.9	4.57
		13.0	11.8	29.6	5.67	27.9	5.33	26.3	4.99	25.4	4.82	24.6	4.66	22.9	4.33
		15.0	13.7	29.6	5.38	27.9	5.05	26.3	4.74	25.4	4.58	24.6	4.43	22.9	4.12
60%	180 (20.10)	-19.8	-20.0	20.5	8.41	20.5	8.61	20.4	8.82	20.4	8.92	20.4	9.02	19.6	8.71
		-18.8	-19.0	20.9	8.47	20.8	8.67	20.8	8.88	20.8	8.98	20.8	9.08	19.6	8.52
		-16.7	-17.0	21.7	8.61	21.6	8.80	21.6	9.00	21.6	9.10	21.1	8.86	19.6	8.14
		-13.7	-15.0	22.6	8.75	22.5	8.94	22.5	9.12	21.8	8.77	21.1	8.43	19.6	7.75
		-11.8	-13.0	23.6	8.90	23.6	9.08	22.5	8.64	21.8	8.32	21.1	7.99	19.6	7.36
		-9.8	-11.0	24.7	9.05	23.9	8.80	22.5	8.18	21.8	7.87	21.1	7.57	19.6	6.97
		-9.5	-10.0	25.3	9.12	23.9	8.55	22.5	7.95	21.8	7.65	21.1	7.36	19.6	6.79
		-8.5	-9.1	25.4	8.93	23.9	8.33	22.5	7.74	21.8	7.46	21.1	7.17	19.6	6.62
		-7.0	-7.6	25.4	8.54	23.9	7.97	22.5	7.41	21.8	7.14	21.1	6.87	19.6	6.35
		-5.0	-5.6	25.4	8.04	23.9	7.51	22.5	6.99	21.8	6.74	21.1	6.49	19.6	6.00
		-3.0	-3.7	25.4	7.58	23.9	7.09	22.5	6.61	21.8	6.37	21.1	6.14	19.6	5.68
		0.0	-0.7	25.4	6.92	23.9	6.48	22.5	6.05	21.8	5.84	21.1	5.63	19.6	5.22
		3.0	2.2	25.4	6.34	23.9	5.95	22.5	5.56	21.8	5.37	21.1	5.18	19.6	4.81
		5.0	4.1	25.4	6.00	23.9	5.63	22.5	5.26	21.8	5.09	21.1	4.91	19.6	4.56
		7.0	6.0	25.4	5.67	23.9	5.33	22.5	4.99	21.8	4.82	21.1	4.66	19.6	4.33
		9.0	7.9	25.4	5.37	23.9	5.05	22.5	4.73	21.8	4.58	21.1	4.42	19.6	4.12
		11.0	9.8	25.4	5.09	23.9	4.79	22.5	4.49	21.8	4.35	21.1	4.20	19.6	3.92
		13.0	11.8	25.4	4.82	23.9	4.54	22.5	4.26	21.8	4.12	21.1	3.99	19.6	3.72
		15.0	13.7	25.4	4.58	23.9	4.31	22.5	4.05	21.8	3.93	21.1	3.80	19.6	3.55
50%	15 (16.75)	-19.8	-20.0	20.4	9.01	20.0	8.89	18.8	8.26	18.1	7.95	17.5	7.64	16.3	7.04
		-18.8	-19.0	20.8	9.06	20.0	8.70	18.8	8.09	18.1	7.78	17.5	7.48	16.3	6.90
		-16.7	-17.0	21.2	8.91	20.0	8.31	18.8	7.73	18.1	7.44	17.5	7.16	16.3	6.60
		-13.7	-15.0	21.2	8.48	20.0	7.91	18.8	7.36	18.1	7.09	17.5	6.82	16.3	6.30
		-11.8	-13.0	21.2	8.04	20.0	7.51	18.8	6.99	18.1	6.74	17.5	6.49	16.3	6.00
		-9.8	-11.0	21.2	7.61	20.0	7.11	18.8	6.63	18.1	6.39	17.5	6.16	16.3	5.70
		-9.5	-10.0	21.2	7.40	20.0	6.92	18.8	6.45	18.1	6.22	17.5	6.00	16.3	5.55
		-8.5	-9.1	21.2	7.21	20.0	6.75	18.8	6.30	18.1	6.07	17.5	5.85	16.3	5.42
		-7.0	-7.6	21.2	6.91	20.0	6.47	18.8	6.04	18.1	5.83	17.5	5.62	16.3	5.21
		-5.0	-5.6	21.2	6.52	20.0	6.11	18.8	5.71	18.1	5.51	17.5	5.32	16.3	4.93
		-3.0	-												

5 Capacity tables

5 - 2 Heating Capacity Tables

REYaq14P

TC: Total Capacity: kW ; PI: Power Input: kW (compressor + outdoor fan motor)

Combination (%)	Capacity index (kW)	Outdoor air temp.		Indoor air temperature: °CDB											
				16.0		18.0		20.0		21.0		22.0		24.0	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
130	260 (29.12)	-19.8	-20.0	27.0	6.23	26.9	6.78	26.8	7.34	26.8	7.61	26.7	7.89	26.6	8.44
		-18.8	-19.0	27.5	6.42	27.4	6.96	27.3	7.50	27.3	7.77	27.2	8.04	27.1	8.58
		-16.7	-17.0	28.6	6.79	28.5	7.31	28.4	7.83	28.3	8.09	28.3	8.35	28.2	8.87
		-13.7	-15.0	29.8	7.18	29.7	7.68	29.6	8.18	29.5	8.42	29.4	8.67	29.3	9.17
		-11.8	-13.0	31.1	7.57	31.0	8.04	30.8	8.52	30.8	8.76	30.7	9.00	30.6	9.47
		-9.8	-11.0	32.5	7.96	32.4	8.41	32.3	8.86	32.2	9.09	32.2	9.32	32.1	9.77
		-9.5	-10.0	33.2	8.15	33.1	8.59	33.0	9.03	33.0	9.26	32.9	9.48	32.8	9.92
		-8.5	-9.1	33.9	8.32	33.8	8.75	33.7	9.19	33.7	9.40	33.6	9.62	33.5	10.1
		-7.0	-7.6	35.2	8.60	35.1	9.02	34.9	9.44	34.9	9.64	34.8	9.85	34.7	10.3
		-5.0	-5.6	36.9	8.97	36.8	9.36	36.7	9.76	36.6	9.96	36.6	10.2	36.5	10.6
		-3.0	-3.7	38.7	9.30	38.5	9.68	38.4	10.1	38.4	10.2	38.3	10.4	38.2	10.8
		0.0	-0.7	41.7	9.81	41.6	10.2	41.4	10.5	41.4	10.7	41.3	10.9	41.2	11.2
		3.0	2.2	44.8	10.3	44.7	10.6	44.6	10.9	44.6	11.1	44.5	11.2	44.4	11.6
		5.0	4.1	47.0	10.5	46.9	10.8	46.8	11.2	46.8	11.3	46.7	11.5	46.6	11.8
		7.0	6.0	49.3	10.8	49.2	11.1	49.1	11.4	49.1	11.5	49.0	11.7	48.9	12.0
		9.0	7.9	51.7	11.1	51.6	11.3	51.5	11.6	51.5	11.8	51.4	11.9	51.0	12.0
		11.0	9.8	54.3	11.3	54.2	11.6	54.1	11.8	54.0	12.0	54.0	12.1	51.0	11.4
		13.0	11.8	57.0	11.5	56.9	11.8	56.8	12.0	56.6	12.1	54.7	11.6	51.0	10.7
		15.0	13.7	59.8	11.7	59.7	12.0	58.5	11.9	56.6	11.4	54.7	11.0	51.0	10.1
120	240 (26.88)	-19.8	-20.0	26.9	6.98	26.8	7.49	26.7	7.99	26.7	8.25	26.6	8.50	26.5	9.01
		-18.8	-19.0	27.4	7.15	27.3	7.65	27.2	8.14	27.1	8.39	27.1	8.64	27.0	9.14
		-16.7	-17.0	28.4	7.50	28.3	7.97	28.3	8.45	28.2	8.69	28.2	8.93	28.1	9.41
		-13.7	-15.0	29.6	7.85	29.5	8.31	29.4	8.77	29.4	9.00	29.3	9.23	29.2	9.69
		-11.8	-13.0	30.9	8.21	30.8	8.65	30.7	9.09	30.7	9.31	30.6	9.53	30.5	9.97
		-9.8	-11.0	32.3	8.57	32.2	8.99	32.1	9.41	32.1	9.62	32.0	9.83	32.0	10.2
		-9.5	-10.0	33.1	8.75	33.0	9.16	32.9	9.56	32.8	9.77	32.8	9.97	32.7	10.4
		-8.5	-9.1	33.8	8.91	33.7	9.31	33.6	9.71	33.6	9.91	33.5	10.1	33.4	10.5
		-7.0	-7.6	35.0	9.17	34.9	9.55	34.8	9.94	34.8	10.1	34.7	10.3	34.6	10.7
		-5.0	-5.6	36.8	9.50	36.7	9.87	36.6	10.2	36.5	10.4	36.5	10.6	36.4	11.0
		-3.0	-3.7	38.5	9.81	38.4	10.2	38.3	10.5	38.3	10.7	38.2	10.9	38.1	11.2
		0.0	-0.7	41.5	10.3	41.4	10.6	41.3	10.9	41.3	11.1	41.2	11.2	41.1	11.6
		3.0	2.2	44.7	10.7	44.6	11.0	44.5	11.3	44.4	11.4	44.4	11.6	44.3	11.9
		5.0	4.1	46.9	11.0	46.8	11.2	46.7	11.5	46.6	11.7	46.6	11.8	46.5	12.1
		7.0	6.0	49.2	11.2	49.1	11.5	49.0	11.7	48.9	11.9	48.9	12.0	47.1	11.6
		9.0	7.9	51.6	11.4	51.5	11.7	51.4	12.0	51.4	12.1	50.5	11.9	47.1	10.9
		11.0	9.8	54.1	11.7	54.0	11.9	53.9	12.1	52.3	11.7	50.5	11.2	47.1	10.3
		13.0	11.8	56.9	11.9	56.8	12.1	54.0	11.4	52.3	11.0	50.5	10.6	47.1	9.72
		15.0	13.7	59.7	12.1	57.5	11.6	54.0	10.8	52.3	10.4	50.5	9.98	47.1	9.19
110	220 (24.64)	-19.8	-20.0	26.8	7.72	26.7	8.19	26.6	8.65	26.5	8.89	26.5	9.12	26.4	9.59
		-18.8	-19.0	27.2	7.88	27.2	8.33	27.1	8.79	27.0	9.02	27.0	9.25	26.9	9.71
		-16.7	-17.0	28.3	8.20	28.2	8.64	28.1	9.08	28.1	9.30	28.0	9.52	28.0	9.95
		-13.7	-15.0	29.5	8.52	29.4	8.95	29.3	9.37	29.3	9.58	29.2	9.79	29.1	10.2
		-11.8	-13.0	30.8	8.85	30.7	9.26	30.6	9.66	30.6	9.86	30.5	10.1	30.4	10.5
		-9.8	-11.0	32.2	9.18	32.1	9.57	32.0	9.95	32.0	10.1	31.9	10.3	31.8	10.7
		-9.5	-10.0	32.9	9.35	32.9	9.72	32.8	10.1	32.7	10.3	32.7	10.5	32.6	10.8
		-8.5	-9.1	33.6	9.49	33.6	9.86	33.5	10.2	33.4	10.4	33.4	10.6	33.3	11.0
		-7.0	-7.6	34.9	9.73	34.8	10.1	34.7	10.4	34.7	10.6	34.6	10.8	34.5	11.1
		-5.0	-5.6	36.6	10.0	36.5	10.4	36.4	10.7	36.4	10.9	36.4	11.0	36.3	11.4
		-3.0	-3.7	38.4	10.3	38.3	10.6	38.2	11.0	38.2	11.1	38.1	11.3	38.0	11.6
		0.0	-0.7	41.4	10.8	41.3	11.0	41.2	11.3	41.2	11.5	41.1	11.6	41.0	11.9
		3.0	2.2	44.5	11.1	44.4	11.4	44.4	11.7	44.3	11.8	44.3	12.0	43.1	11.8
		5.0	4.1	46.7	11.4	46.6	11.6	46.6	11.9	46.5	12.0	46.3	12.1	43.1	11.1
		7.0	6.0	49.0	11.6	49.0	11.8	48.9	12.1	47.9	11.9	46.3	11.4	43.1	10.5
		9.0	7.9	51.5	11.8	51.4	12.0	49.5	11.6	47.9	11.2	46.3	10.7	43.1	9.87
		11.0	9.8	54.0	12.0	52.7	11.8	49.5	11.0	47.9	10.5	46.3	10.1	43.1	9.32
		13.0	11.8	55.9	11.9	52.7	11.1	49.5	10.3	47.9	9.92	46.3	9.54	43.1	8.79
		15.0	13.7	55.9	11.2	52.7	10.5	49.5	9.74	47.9	9.38	46.3	9.02	43.1	8.32
100	200 (22.40)	-19.8	-20.0	26.6	8.47	26.5	8.89	26.5	9.31	26.4	9.53	26.4	9.74	26.3	10.2
		-18.8	-19.0	27.1	8.61	27.0	9.02	26.9	9.44	26.9	9.65	26.9	9.85	26.8	10.3
		-16.7	-17.0	28.2	8.90	28.1	9.30	28.0	9.70	28.0	9.90	27.9	10.1	27.8	10.5
		-13.7	-15.0	29.3	9.20	29.3	9.58	29.2	9.96	29.1	10.2	29.1	10.3	29.0	10.7
		-11.8	-13.0	30.6	9.50	30.6	9.86	30.5	10.2	30.4	10.4	30.4	10.6	30.3	11.0
		-9.8	-11.0	32.1	9.80	32.0	10.1	31.9	10.5	31.9	10.7	31.8	10.8	31.7	11.2
		-9.5	-10.0	32.8	9.94	32.7	10.3	32.6	10.6	32.6	10.8	32.6	11.0	32.5	11.3
		-8.5	-9.1	33.5	10.1	33.4	10.4	33.4	10.7	33.3	10.9	33.3	11.1	33.2	11.4
		-7.0	-7.6	34.7	10.3	34.7	10.6	34.6	10.9	34.5	11.1	34.5	11.3	34.4	11.6
		-5.0	-5.6	36.5	10.6	36.4	10.9	36.3	11.2	36.3	11.3	36.2	11.5	36.2	11.8
		-3.0	-3.7	38.2	10.8	38.2	11.1	38.1	11.4	38.0	11.6	38.0	11.7	37.9	12.0
		0.0	-0.7	41.2	11.2	41.2	11.5	41.1	11.8	41.0	11.9	41.0	12.0	39.2	11.5
		3.0	2.2	44.4	11.6	44.3	11.8	44.2	12.1	43.6	11.9	42.1	11.4	39.2	10.5
		5.0	4.1	46.6	11.8	46.5	12.0	45.0	11.7	43.6	11.2	42.1	10.8	39.2	9.91
		7.0	6.0	48.9	12.0	47.9	11.9	45.0	11.0	43.6	10.6	42.1	10.2	39.2	9.36
		9.0	7.9	50.8	12.0	47.9	11.2	45.0	10.4	43.6	9.98	42.1	9.60	39.2	8.84
		11.0	9.8	50.8	11.3	47.9	10.5	45.0	9.79	43.6	9.43	42.1	9.07	39.2	8.36
		13.0	11.8	50.8	10.6	47.9	9.92	45.0	9.23	43.6	8.89	42.1	8.55	39.2	7.90
		15.0	13.7	50.8	10.0	47.9	9.37	45.0	8.73	43.6	8.41	42.1	8.10	39.2	7.49

3TW60652-1(1)

NOTES - ANMERKUNGEN - Σημειώσεις - NOTAS - REMARQUES - NOTE - OPMERKINGEN - примечания - NOTLAR

- 1 is shown as reference. When selecting the unit models, avoid the Outdoor air temperature range shown by .
 dient als Verweis. Vermeiden Sie bei der Auswahl der Gerätemodelle den als markierten Temperaturbereich der Außenluft.
 Η είναι ενδεικτική. κατά την επιλογή των μοντέλων των μονάδων, αποφύγετε το εύρος θερμοκρασίας εξωτερικού αέρα που υποδεικνύεται.
 se muestra como referencia. Cuando seleccione los modelos de unidad, evite el intervalo de temperaturas del aire exterior indicado mediante .
 est montré comme référence. Lors du choix des modèles d'unités, évitez la plage de températures de l'air

5 Capacity tables

5 - 2 Heating Capacity Tables

REYAAQ14P

TC: Total Capacity: kW ; PI: Power Input: kW (compressor + outdoor fan motor)

Combination (%)	Capacity index (kW)	Outdoor air temp.		Indoor air temperature: °CDB											
				16.0		18.0		20.0		21.0		22.0		24.0	
		°CDB	°CWB	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
90%	315 (36.00)	-19.8	-20.0	26.5	9.21	26.4	9.59	26.3	9.97	26.3	10.2	26.3	10.4	26.2	10.7
		-18.8	-19.0	27.0	9.34	26.9	9.71	26.8	10.1	26.8	10.3	26.8	10.5	26.7	10.8
		-16.7	-17.0	28.0	9.60	28.0	9.96	27.9	10.3	27.8	10.5	27.8	10.7	27.7	11.0
		-13.7	-15.0	29.2	9.87	29.1	10.2	29.1	10.6	29.0	10.7	29.0	10.9	28.9	11.2
		-11.8	-13.0	30.5	10.1	30.4	10.5	30.4	10.8	30.3	11.0	30.3	11.1	30.2	11.5
		-9.8	-11.0	31.9	10.4	31.8	10.7	31.8	11.0	31.7	11.2	31.7	11.4	31.6	11.7
		-9.5	-10.0	32.7	10.5	32.6	10.8	32.5	11.2	32.5	11.3	32.5	11.5	32.4	11.8
		-8.5	-9.1	33.4	10.7	33.3	11.0	33.2	11.3	33.2	11.4	33.2	11.6	33.1	11.9
		-7.0	-7.6	34.6	10.9	34.5	11.1	34.5	11.4	34.4	11.6	34.4	11.7	34.3	12.0
		-5.0	-5.6	36.3	11.1	36.3	11.4	36.2	11.7	36.2	11.8	36.1	11.9	35.3	11.8
		-3.0	-3.7	38.1	11.3	38.0	11.6	38.0	11.9	37.9	12.0	37.9	12.1	35.3	11.1
		0.0	-0.7	41.1	11.7	41.0	11.9	40.5	12.0	39.2	11.5	37.9	11.0	35.3	10.2
		3.0	2.2	44.3	12.0	43.1	11.8	40.5	10.9	39.2	10.5	37.9	10.1	35.3	9.29
		5.0	4.1	45.7	11.9	43.1	11.1	40.5	10.3	39.2	9.91	37.9	9.53	35.3	8.78
		7.0	6.0	45.7	11.2	43.1	10.5	40.5	9.71	39.2	9.35	37.9	9.00	35.3	8.30
		9.0	7.9	45.7	10.6	43.1	9.86	40.5	9.17	39.2	8.84	37.9	8.51	35.3	7.85
		11.0	9.8	45.7	9.97	43.1	9.31	40.5	8.67	39.2	8.36	37.9	8.05	35.3	7.44
		13.0	11.8	45.7	9.39	43.1	8.78	40.5	8.19	39.2	7.89	37.9	7.60	35.3	7.04
		15.0	13.7	45.7	8.89	43.1	8.31	40.5	7.76	39.2	7.48	37.9	7.21	35.3	6.68
80%	280 (32.00)	-19.8	-20.0	26.3	9.95	26.3	10.3	26.2	10.6	26.2	10.8	26.2	11.0	26.1	11.3
		-18.8	-19.0	26.8	10.1	26.8	10.4	26.7	10.7	26.7	10.9	26.6	11.1	26.6	11.4
		-16.7	-17.0	27.9	10.3	27.8	10.6	27.8	10.9	27.7	11.1	27.7	11.3	27.6	11.6
		-13.7	-15.0	29.1	10.5	29.0	10.8	28.9	11.2	28.9	11.3	28.9	11.5	28.8	11.8
		-11.8	-13.0	30.4	10.8	30.3	11.1	30.2	11.4	30.2	11.5	30.2	11.7	30.1	12.0
		-9.8	-11.0	31.8	11.0	31.7	11.3	31.7	11.6	31.6	11.7	31.6	11.9	31.4	12.0
		-9.5	-10.0	32.5	11.1	32.5	11.4	32.4	11.7	32.4	11.8	32.3	12.0	31.4	11.7
		-8.5	-9.1	33.2	11.2	33.2	11.5	33.1	11.8	33.1	11.9	33.0	12.0	31.4	11.4
		-7.0	-7.6	34.5	11.4	34.4	11.7	34.3	11.9	34.3	12.1	33.7	11.9	31.4	10.9
		-5.0	-5.6	36.2	11.6	36.1	11.9	36.0	12.1	34.8	11.6	33.7	11.2	31.4	10.3
		-3.0	-3.7	38.0	11.9	37.9	12.1	36.0	11.4	34.8	11.0	33.7	10.5	31.4	9.69
		0.0	-0.7	40.6	12.0	38.3	11.2	36.0	10.4	34.8	10.0	33.7	9.61	31.4	8.86
		3.0	2.2	40.6	11.0	38.3	10.2	36.0	9.51	34.8	9.16	33.7	8.81	31.4	8.13
		5.0	4.1	40.6	10.3	38.3	9.65	36.0	8.98	34.8	8.65	33.7	8.33	31.4	7.69
		7.0	6.0	40.6	9.75	38.3	9.11	36.0	8.49	34.8	8.18	33.7	7.88	31.4	7.29
		9.0	7.9	40.6	9.21	38.3	8.61	36.0	8.03	34.8	7.74	33.7	7.46	31.4	6.91
		11.0	9.8	40.6	8.70	38.3	8.15	36.0	7.60	34.8	7.34	33.7	7.07	31.4	6.55
		13.0	11.8	40.6	8.21	38.3	7.70	36.0	7.19	34.8	6.94	33.7	6.69	31.4	6.21
		15.0	13.7	40.6	7.78	38.3	7.30	36.0	6.82	34.8	6.59	33.7	6.36	31.4	5.90
70%	245 (28.00)	-19.8	-20.0	26.2	10.7	26.1	11.0	26.1	11.3	26.1	11.4	26.0	11.6	26.0	11.9
		-18.8	-19.0	26.7	10.8	26.6	11.1	26.6	11.4	26.5	11.5	26.5	11.7	26.5	12.0
		-16.7	-17.0	27.7	11.0	27.7	11.3	27.6	11.6	27.6	11.7	27.6	11.8	27.5	12.1
		-13.7	-15.0	28.9	11.2	28.9	11.5	28.8	11.7	28.8	11.9	28.8	12.0	27.5	11.5
		-11.8	-13.0	30.2	11.4	30.2	11.7	30.1	11.9	30.1	12.1	29.5	11.8	27.5	10.9
		-9.8	-11.0	31.6	11.6	31.6	11.9	31.5	12.1	30.5	11.6	29.5	11.2	27.5	10.3
		-9.5	-10.0	32.4	11.7	32.3	12.0	31.5	11.8	30.5	11.3	29.5	10.9	27.5	9.98
		-8.5	-9.1	33.1	11.8	33.0	12.1	31.5	11.4	30.5	11.0	29.5	10.6	27.5	9.73
		-7.0	-7.6	34.3	12.0	33.5	11.8	31.5	10.9	30.5	10.5	29.5	10.1	27.5	9.32
		-5.0	-5.6	35.5	11.9	33.5	11.1	31.5	10.3	30.5	9.92	29.5	9.54	27.5	8.79
		-3.0	-3.7	35.5	11.2	33.5	10.5	31.5	9.74	30.5	9.37	29.5	9.02	27.5	8.32
		0.0	-0.7	35.5	10.2	33.5	9.56	31.5	8.90	30.5	8.57	29.5	8.25	27.5	7.63
		3.0	2.2	35.5	9.37	33.5	8.76	31.5	8.17	30.5	7.88	29.5	7.59	27.5	7.02
		5.0	4.1	35.5	8.85	33.5	8.28	31.5	7.73	30.5	7.45	29.5	7.19	27.5	6.66
		7.0	6.0	35.5	8.37	33.5	7.84	31.5	7.32	30.5	7.06	29.5	6.81	27.5	6.32
		9.0	7.9	35.5	7.92	33.5	7.42	31.5	6.94	30.5	6.70	29.5	6.46	27.5	6.00
		11.0	9.8	35.5	7.50	33.5	7.04	31.5	6.58	30.5	6.36	29.5	6.14	27.5	5.70
		13.0	11.8	35.5	7.09	33.5	6.66	31.5	6.23	30.5	6.03	29.5	5.82	27.5	5.41
		15.0	13.7	35.5	6.73	33.5	6.33	31.5	5.93	30.5	5.73	29.5	5.54	27.5	5.16
60%	210 (24.00)	-19.8	-20.0	26.1	11.4	26.0	11.7	26.0	12.0	25.9	12.1	25.3	11.7	23.5	10.8
		-18.8	-19.0	26.5	11.5	26.5	11.8	26.5	12.0	26.1	11.9	25.3	11.5	23.5	10.5
		-16.7	-17.0	27.6	11.7	27.6	11.9	27.0	11.8	26.1	11.4	25.3	10.9	23.5	10.0
		-13.7	-15.0	28.8	11.9	28.7	12.1	27.0	11.2	26.1	10.8	25.3	10.4	23.5	9.55
		-11.8	-13.0	30.1	12.1	28.7	11.5	27.0	10.6	26.1	10.2	25.3	9.84	23.5	9.07
		-9.8	-11.0	30.5	11.6	28.7	10.8	27.0	10.1	26.1	9.69	25.3	9.32	23.5	8.59
		-9.5	-10.0	30.5	11.3	28.7	10.5	27.0	9.79	26.1	9.42	25.3	9.06	23.5	8.36
		-8.5	-9.1	30.5	11.0	28.7	10.3	27.0	9.54	26.1	9.19	25.3	8.84	23.5	8.16
		-7.0	-7.6	30.5	10.5	28.7	9.82	27.0	9.14	26.1	8.80	25.3	8.47	23.5	7.82
		-5.0	-5.6	30.5	9.91	28.7	9.26	27.0	8.63	26.1	8.31	25.3	8.01	23.5	7.40
		-3.0	-3.7	30.5	9.37	28.7	8.76	27.0	8.16	26.1	7.87	25.3	7.58	23.5	7.02
		0.0	-0.7	30.5	8.57	28.7	8.02	27.0	7.49	26.1	7.23	25.3	6.97	23.5	6.46
		3.0	2.2	30.5	7.87	28.7	7.38	27.0	6.90	26.1	6.66	25.3	6.43	23.5	5.96
		5.0	4.1	30.5	7.45	28.7	6.99	27.0	6.54	26.1	6.32	25.3	6.10	23.5	5.67
		7.0	6.0	30.5	7.06	28.7	6.63	27.0	6.21	26.1	6.00	25.3	5.79	23.5	5.39
		9.0	7.9	30.5	6.69	28.7	6.29	27.0	5.90	26.1	5.70	25.3	5.51	23.5	5.13
		11.0	9.8	30.5	6.35	28.7	5.98	27.0	5.61	26.1	5.42	25.3	5.24	23.5	4.89
		13.0	11.8	30.5	6.02	28.7	5.67	27.0	5.32	26.1	5.15	25.3	4.98	23.5	4.65
		15.0	13.7	30.5	5.73	28.7	5.40	27.0	5.07	26.1	4.91	25.3	4.75	23.5	4.44
50%	175 (20.00)	-19.8	-20.0	25.4	11.8	23.9	11.0	22.5	10.2	21.8	9.83	21.1	9.45	19.6	8.71
		-18.8	-19.0	25.4	11.5	23.9	10.7	22.5	9.99	21.8	9.61	21.1	9.24	19.6	8.52

5 Capacity tables

5 - 2 Heating Capacity Tables

REYaq16P

TC: Total Capacity: kW ; PI: Power Input: kW (compressor + outdoor fan motor)

Combination (%)	Capacity index (kW)	Outdoor air temp.		Indoor air temperature: °CDB											
				16.0		18.0		20.0		21.0		22.0		24.0	
				TC	PI	TC	PI	TC	PI	TC	PI	TC	PI	TC	PI
		°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
130	520 (58.50)	-19.8	-20.0	31.3	8.42	31.2	9.07	31.0	9.72	31.0	10.0	30.9	10.4	30.8	11.0
		-18.8	-19.0	31.9	8.64	31.7	9.28	31.6	9.91	31.6	10.2	31.5	10.6	31.4	11.2
		-16.7	-17.0	33.1	9.10	33.0	9.71	32.9	10.3	32.8	10.6	32.8	10.9	32.7	11.5
		-13.7	-15.0	34.5	9.56	34.4	10.1	34.3	10.7	34.2	11.0	34.2	11.3	34.1	11.9
		-11.8	-13.0	36.1	10.0	36.0	10.6	35.8	11.1	35.8	11.4	35.7	11.7	35.6	12.3
		-9.8	-11.0	37.8	10.5	37.6	11.0	37.5	11.6	37.5	11.8	37.4	12.1	37.3	12.6
		-9.5	-10.0	38.7	10.7	38.5	11.2	38.4	11.8	38.4	12.0	38.3	12.3	38.2	12.8
		-8.5	-9.1	39.5	10.9	39.4	11.4	39.3	11.9	39.2	12.2	39.2	12.5	39.0	13.0
		-7.0	-7.6	41.0	11.3	40.8	11.8	40.7	12.2	40.7	12.5	40.6	12.7	40.5	13.2
		-5.0	-5.6	43.0	11.7	42.9	12.2	42.8	12.6	42.8	12.9	42.7	13.1	42.6	13.6
		-3.0	-3.7	45.1	12.1	45.0	12.5	44.9	13.0	44.9	13.2	44.8	13.4	44.7	13.9
		0.0	-0.7	48.7	12.7	48.6	13.1	48.5	13.5	48.4	13.7	48.4	13.9	48.3	14.3
		3.0	2.2	52.5	13.2	52.4	13.6	52.3	14.0	52.2	14.2	52.1	14.4	52.0	14.8
		5.0	4.1	55.1	13.6	55.0	13.9	54.9	14.3	54.8	14.5	54.8	14.7	54.7	15.0
		7.0	6.0	57.9	13.9	57.8	14.2	57.6	14.6	57.6	14.7	57.5	14.9	56.6	14.9
		9.0	7.9	60.8	14.2	60.6	14.5	60.5	14.8	60.5	15.0	60.4	15.2	56.6	14.0
		11.0	9.8	63.8	14.5	63.7	14.8	63.5	15.1	62.9	15.0	60.8	14.4	56.6	13.2
		13.0	11.8	67.1	14.7	67.0	15.0	65.0	14.7	62.9	14.1	60.8	13.5	56.6	12.4
		15.0	13.7	70.4	15.0	69.2	14.9	65.0	13.8	62.9	13.3	60.8	12.7	56.6	11.7
120	480 (54.00)	-19.8	-20.0	31.1	9.30	31.0	9.90	30.9	10.5	30.9	10.8	30.8	11.1	30.7	11.7
		-18.8	-19.0	31.7	9.50	31.6	10.1	31.5	10.7	31.4	11.0	31.4	11.3	31.3	11.9
		-16.7	-17.0	33.0	9.92	32.9	10.5	32.8	11.1	32.7	11.3	32.6	11.6	32.5	12.2
		-13.7	-15.0	34.4	10.4	34.3	10.9	34.2	11.4	34.1	11.7	34.1	12.0	33.9	12.5
		-11.8	-13.0	35.9	10.8	35.8	11.3	35.7	11.8	35.7	12.1	35.6	12.3	35.5	12.8
		-9.8	-11.0	37.6	11.2	37.5	11.7	37.4	12.2	37.3	12.4	37.3	12.7	37.2	13.2
		-9.5	-10.0	38.5	11.4	38.4	11.9	38.3	12.4	38.2	12.6	38.2	12.9	38.1	13.3
		-8.5	-9.1	39.3	11.6	39.2	12.1	39.1	12.6	39.1	12.8	39.0	13.0	38.9	13.5
		-7.0	-7.6	40.8	11.9	40.7	12.4	40.6	12.8	40.5	13.1	40.5	13.3	40.4	13.7
		-5.0	-5.6	42.9	12.3	42.8	12.8	42.7	13.2	42.6	13.4	42.6	13.6	42.5	14.0
		-3.0	-3.7	45.0	12.7	44.9	13.1	44.8	13.5	44.7	13.7	44.7	13.9	44.6	14.3
		0.0	-0.7	48.6	13.3	48.5	13.6	48.4	14.0	48.3	14.2	48.2	14.4	48.1	14.8
		3.0	2.2	52.3	13.8	52.2	14.1	52.1	14.5	52.1	14.6	52.0	14.8	51.9	15.1
		5.0	4.1	55.0	14.1	54.9	14.4	54.8	14.7	54.7	14.9	54.6	15.1	52.3	14.4
		7.0	6.0	57.7	14.4	57.6	14.7	57.5	15.0	57.5	15.1	56.1	14.8	52.3	13.5
		9.0	7.9	60.6	14.6	60.5	14.9	60.0	15.1	58.1	14.5	56.1	13.9	52.3	12.7
		11.0	9.8	63.6	14.9	63.5	15.2	60.0	14.2	58.1	13.6	56.1	13.1	52.3	12.0
		13.0	11.8	66.9	15.1	63.9	14.4	60.0	13.3	58.1	12.8	56.1	12.3	52.3	11.3
		15.0	13.7	67.7	14.5	63.9	13.5	60.0	12.5	58.1	12.1	56.1	11.6	52.3	10.7
110	440 (49.50)	-19.8	-20.0	31.0	10.2	30.9	10.7	30.8	11.3	30.7	11.5	30.7	11.8	30.6	12.4
		-18.8	-19.0	31.5	10.4	31.5	10.9	31.4	11.4	31.3	11.7	31.3	12.0	31.2	12.5
		-16.7	-17.0	32.8	10.7	32.7	11.3	32.6	11.8	32.6	12.0	32.5	12.3	32.4	12.8
		-13.7	-15.0	34.2	11.1	34.1	11.6	34.0	12.1	34.0	12.4	33.9	12.6	33.8	13.1
		-11.8	-13.0	35.8	11.5	35.7	12.0	35.6	12.5	35.5	12.7	35.5	13.0	35.4	13.4
		-9.8	-11.0	37.5	11.9	37.4	12.4	37.3	12.8	37.2	13.1	37.2	13.3	37.1	13.7
		-9.5	-10.0	38.4	12.1	38.3	12.6	38.2	13.0	38.1	13.2	38.1	13.4	38.0	13.9
		-8.5	-9.1	39.2	12.3	39.1	12.7	39.0	13.2	39.0	13.4	38.9	13.6	38.8	14.0
		-7.0	-7.6	40.7	12.6	40.6	13.0	40.5	13.4	40.4	13.6	40.4	13.8	40.3	14.2
		-5.0	-5.6	42.7	13.0	42.6	13.4	42.5	13.7	42.5	13.9	42.4	14.1	42.3	14.5
		-3.0	-3.7	44.8	13.3	44.7	13.7	44.6	14.0	44.6	14.2	44.5	14.4	44.4	14.8
		0.0	-0.7	48.4	13.8	48.3	14.2	48.2	14.5	48.2	14.7	48.1	14.8	47.9	15.1
		3.0	2.2	52.2	14.3	52.1	14.6	52.0	14.9	51.9	15.1	51.5	15.0	47.9	13.8
		5.0	4.1	54.8	14.5	54.7	14.8	54.6	15.2	53.2	14.7	51.5	14.1	47.9	13.0
		7.0	6.0	57.6	14.8	57.5	15.1	55.0	14.4	53.2	13.8	51.5	13.3	47.9	12.2
		9.0	7.9	60.5	15.1	58.5	14.6	55.0	13.5	53.2	13.0	51.5	12.5	47.9	11.5
		11.0	9.8	62.1	14.8	58.5	13.8	55.0	12.8	53.2	12.3	51.5	11.8	47.9	10.8
		13.0	11.8	62.1	13.9	58.5	12.9	55.0	12.0	53.2	11.5	51.5	11.1	47.9	10.2
		15.0	13.7	62.1	13.1	58.5	12.2	55.0	11.3	53.2	10.9	51.5	10.5	47.9	9.67
100	400 (45.00)	-19.8	-20.0	30.8	11.1	30.7	11.5	30.6	12.0	30.6	12.3	30.6	12.5	30.5	13.0
		-18.8	-19.0	31.4	11.2	31.3	11.7	31.2	12.2	31.2	12.4	31.1	12.7	31.0	13.2
		-16.7	-17.0	32.7	11.6	32.6	12.0	32.5	12.5	32.4	12.7	32.4	13.0	32.3	13.5
		-13.7	-15.0	34.1	11.9	34.0	12.4	33.9	12.8	33.8	13.1	33.8	13.3	33.7	13.7
		-11.8	-13.0	35.6	12.3	35.5	12.7	35.4	13.2	35.4	13.4	35.3	13.6	35.3	14.0
		-9.8	-11.0	37.3	12.7	37.2	13.1	37.1	13.5	37.1	13.7	37.0	13.9	36.9	14.3
		-9.5	-10.0	38.2	12.8	38.1	13.2	38.0	13.6	38.0	13.8	37.9	14.0	37.8	14.4
		-8.5	-9.1	39.0	13.0	38.9	13.4	38.9	13.8	38.8	14.0	38.8	14.2	38.7	14.6
		-7.0	-7.6	40.5	13.3	40.4	13.6	40.3	14.0	40.3	14.2	40.2	14.4	40.1	14.8
		-5.0	-5.6	42.6	13.6	42.5	13.9	42.4	14.3	42.4	14.5	42.3	14.7	42.2	15.0
		-3.0	-3.7	44.7	13.9	44.6	14.2	44.5	14.6	44.5	14.7	44.4	14.9	43.6	14.8
		0.0	-0.7	48.3	14.4	48.2	14.7	48.1	15.0	48.0	15.1	46.8	14.7	43.6	13.5
		3.0	2.2	52.0	14.8	51.9	15.1	50.0	14.5	48.4	13.9	46.8	13.4	43.6	12.3
		5.0	4.1	54.7	15.0	53.2	14.7	50.0	13.6	48.4	13.1	46.8	12.6	43.6	11.6
		7.0	6.0	56.4	14.9	53.2	13.8	50.0	12.8	48.4	12.3	46.8	11.9	43.6	10.9
		9.0	7.9	56.4	14.0	53.2	13.0	50.0	12.1	48.4	11.6	46.8	11.2	43.6	10.3
		11.0	9.8	56.4	13.2	53.2	12.3	50.0	11.4	48.4	11.0	46.8	10.5	43.6	9.73
		13.0	11.8	56.4	12.4	53.2	11.5	50.0	10.7	48.4	10.3	46.8	9.94	43.6	9.18
		15.0	13.7	56.4	11.7	53.2	10.9	50.0	10.1	48.4	9.77	46.8	9.41	43.6	8.69

3TW60652-1(1)

NOTES - ANMERKUNGEN - Σημειώσεις - NOTAS - REMARQUES - NOTE - OPMERKINGEN - примечания - NOTLAR

1 is shown as reference. When selecting the unit models, avoid the Outdoor air temperature range shown by .
 dient als Verweis. Verme

5 Capacity tables

5 - 2 Heating Capacity Tables

REYAAQ16P

TC: Total Capacity: kW ; PI: Power Input: kW (compressor + outdoor fan motor)

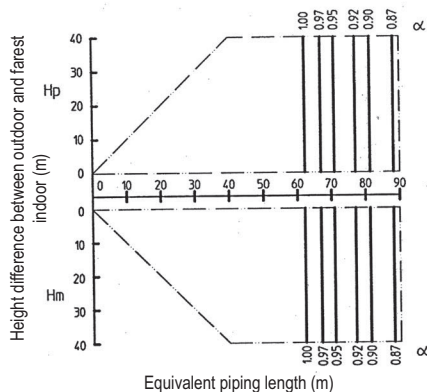
Combination (%)	Capacity index (kW)	Outdoor air temp.		Indoor air temperature: °CDB											
				16.0		18.0		20.0		21.0		22.0		24.0	
		°CDB	°CWB	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW	kW
90%	360 (40.50)	-19.8	-20.0	30.7	11.9	30.6	12.4	30.5	12.8	30.5	13.1	30.4	13.3	30.3	13.7
		-18.8	-19.0	31.2	12.1	31.2	12.5	31.1	13.0	31.0	13.2	31.0	13.4	30.9	13.8
		-16.7	-17.0	32.5	12.4	32.4	12.8	32.3	13.2	32.3	13.5	32.3	13.7	32.2	14.1
		-13.7	-15.0	33.9	12.7	33.8	13.1	33.7	13.5	33.7	13.7	33.7	13.9	33.6	14.3
		-11.8	-13.0	35.5	13.0	35.4	13.4	35.3	13.8	35.3	14.0	35.2	14.2	35.1	14.6
		-9.8	-11.0	37.1	13.4	37.1	13.7	37.0	14.1	36.9	14.3	36.9	14.5	36.8	14.8
		-9.5	-10.0	38.0	13.5	38.0	13.9	37.9	14.3	37.8	14.4	37.8	14.6	37.7	15.0
		-8.5	-9.1	38.9	13.7	38.8	14.0	38.7	14.4	38.7	14.6	38.6	14.7	38.6	15.1
		-7.0	-7.6	40.3	13.9	40.3	14.2	40.2	14.6	40.1	14.8	40.1	14.9	39.2	14.8
		-5.0	-5.6	42.4	14.2	42.3	14.5	42.3	14.9	42.2	15.0	42.1	15.1	39.2	13.9
		-3.0	-3.7	44.5	14.5	44.4	14.8	44.4	15.1	43.6	14.8	42.1	14.2	39.2	13.1
		0.0	-0.7	48.1	14.9	47.9	15.1	45.0	14.0	43.6	13.5	42.1	12.9	39.2	11.9
		3.0	2.2	50.8	14.8	47.9	13.8	45.0	12.8	43.6	12.3	42.1	11.8	39.2	10.9
		5.0	4.1	50.8	13.9	47.9	12.9	45.0	12.0	43.6	11.6	42.1	11.1	39.2	10.2
		7.0	6.0	50.8	13.1	47.9	12.2	45.0	11.3	43.6	10.9	42.1	10.5	39.2	9.67
		9.0	7.9	50.8	12.3	47.9	11.5	45.0	10.7	43.6	10.3	42.1	9.90	39.2	9.14
		11.0	9.8	50.8	11.6	47.9	10.8	45.0	10.1	43.6	9.72	42.1	9.36	39.2	8.65
		13.0	11.8	50.8	10.9	47.9	10.2	45.0	9.51	43.6	9.17	42.1	8.83	39.2	8.17
		15.0	13.7	50.8	10.3	47.9	9.66	45.0	9.01	43.6	8.69	42.1	8.37	39.2	7.75
80%	320 (36.00)	-19.8	-20.0	30.5	12.8	30.4	13.2	30.4	13.6	30.3	13.8	30.3	14.0	30.2	14.4
		-18.8	-19.0	31.1	12.9	31.0	13.3	30.9	13.7	30.9	13.9	30.9	14.1	30.8	14.5
		-16.7	-17.0	32.3	13.2	32.3	13.6	32.2	14.0	32.2	14.2	32.1	14.4	32.1	14.7
		-13.7	-15.0	33.8	13.5	33.7	13.9	33.6	14.2	33.6	14.4	33.5	14.6	33.5	15.0
		-11.8	-13.0	35.3	13.8	35.2	14.1	35.2	14.5	35.1	14.7	35.1	14.8	34.9	15.1
		-9.8	-11.0	37.0	14.1	36.9	14.4	36.9	14.7	36.8	14.9	36.8	15.1	34.9	14.2
		-9.5	-10.0	37.9	14.2	37.8	14.6	37.7	14.9	37.7	15.0	37.4	15.0	34.9	13.8
		-8.5	-9.1	38.7	14.4	38.7	14.7	38.6	15.0	38.6	15.1	37.4	14.6	34.9	13.4
		-7.0	-7.6	40.2	14.6	40.1	14.9	40.0	15.1	38.7	14.5	37.4	14.0	34.9	12.8
		-5.0	-5.6	42.3	14.8	42.2	15.1	40.0	14.2	38.7	13.7	37.4	13.1	34.9	12.0
		-3.0	-3.7	44.4	15.1	42.6	14.4	40.0	13.4	38.7	12.9	37.4	12.3	34.9	11.4
		0.0	-0.7	45.1	14.1	42.6	13.1	40.0	12.2	38.7	11.7	37.4	11.2	34.9	10.4
		3.0	2.2	45.1	12.8	42.6	11.9	40.0	11.1	38.7	10.7	37.4	10.3	34.9	9.49
		5.0	4.1	45.1	12.1	42.6	11.3	40.0	10.5	38.7	10.1	37.4	9.71	34.9	8.97
		7.0	6.0	45.1	11.4	42.6	10.6	40.0	9.89	38.7	9.53	37.4	9.18	34.9	8.48
		9.0	7.9	45.1	10.7	42.6	10.0	40.0	9.34	38.7	9.01	37.4	8.68	34.9	8.03
		11.0	9.8	45.1	10.1	42.6	9.47	40.0	8.84	38.7	8.53	37.4	8.22	34.9	7.62
		13.0	11.8	45.1	9.55	42.6	8.94	40.0	8.35	38.7	8.06	37.4	7.77	34.9	7.21
		15.0	13.7	45.1	9.04	42.6	8.47	40.0	7.92	38.7	7.65	37.4	7.38	34.9	6.85
70%	280 (320)	-19.8	-20.0	30.4	13.7	30.3	14.0	30.2	14.4	30.2	14.6	30.2	14.7	30.1	15.1
		-18.8	-19.0	30.9	13.8	30.9	14.1	30.8	14.5	30.8	14.7	30.7	14.8	30.5	15.0
		-16.7	-17.0	32.2	14.0	32.1	14.4	32.1	14.7	32.0	14.9	32.0	15.0	30.5	14.3
		-13.7	-15.0	33.6	14.3	33.5	14.6	33.5	14.9	33.4	15.1	32.8	14.8	30.5	13.5
		-11.8	-13.0	35.1	14.6	35.1	14.9	35.0	15.1	33.9	14.5	32.8	14.0	30.5	12.8
		-9.8	-11.0	36.8	14.8	36.8	15.1	35.0	14.3	33.9	13.7	32.8	13.2	30.5	12.1
		-9.5	-10.0	37.7	14.9	37.3	14.9	35.0	13.8	33.9	13.3	32.8	12.8	30.5	11.7
		-8.5	-9.1	38.6	15.0	37.3	14.5	35.0	13.5	33.9	12.9	32.8	12.4	30.5	11.4
		-7.0	-7.6	39.5	14.9	37.3	13.9	35.0	12.9	33.9	12.4	32.8	11.9	30.5	10.9
		-5.0	-5.6	39.5	14.0	37.3	13.0	35.0	12.1	33.9	11.6	32.8	11.2	30.5	10.3
		-3.0	-3.7	39.5	13.2	37.3	12.3	35.0	11.4	33.9	11.0	32.8	10.6	30.5	9.74
		0.0	-0.7	39.5	12.0	37.3	11.2	35.0	10.4	33.9	10.0	32.8	9.65	30.5	8.91
		3.0	2.2	39.5	10.9	37.3	10.2	35.0	9.53	33.9	9.19	32.8	8.85	30.5	8.19
		5.0	4.1	39.5	10.3	37.3	9.66	35.0	9.01	33.9	8.69	32.8	8.37	30.5	7.75
		7.0	6.0	39.5	9.75	37.3	9.13	35.0	8.52	33.9	8.22	32.8	7.93	30.5	7.35
		9.0	7.9	39.5	9.21	37.3	8.63	35.0	8.07	33.9	7.79	32.8	7.51	30.5	6.97
		11.0	9.8	39.5	8.72	37.3	8.18	35.0	7.65	33.9	7.39	32.8	7.13	30.5	6.62
		13.0	11.8	39.5	8.24	37.3	7.73	35.0	7.24	33.9	7.00	32.8	6.75	30.5	6.28
		15.0	13.7	39.5	7.81	37.3	7.34	35.0	6.88	33.9	6.65	32.8	6.42	30.5	5.98
60%	240 (27.00)	-19.8	-20.0	30.2	14.6	30.1	14.9	30.0	15.1	29.0	14.5	28.1	13.9	26.1	12.8
		-18.8	-19.0	30.8	14.7	30.7	15.0	30.0	14.7	29.0	14.1	28.1	13.6	26.1	12.5
		-16.7	-17.0	32.0	14.9	31.9	15.1	30.0	14.0	29.0	13.5	28.1	12.9	26.1	11.9
		-13.7	-15.0	33.4	15.1	31.9	14.3	30.0	13.3	29.0	12.8	28.1	12.3	26.1	11.3
		-11.8	-13.0	33.9	14.5	31.9	13.5	30.0	12.6	29.0	12.1	28.1	11.6	26.1	10.7
		-9.8	-11.0	33.9	13.7	31.9	12.8	30.0	11.9	29.0	11.4	28.1	11.0	26.1	10.1
		-9.5	-10.0	33.9	13.3	31.9	12.4	30.0	11.5	29.0	11.1	28.1	10.7	26.1	9.83
		-8.5	-9.1	33.9	12.9	31.9	12.1	30.0	11.2	29.0	10.8	28.1	10.4	26.1	9.58
		-7.0	-7.6	33.9	12.4	31.9	11.5	30.0	10.7	29.0	10.3	28.1	9.94	26.1	9.18
		-5.0	-5.6	33.9	11.6	31.9	10.9	30.0	10.1	29.0	9.74	28.1	9.38	26.1	8.67
		-3.0	-3.7	33.9	11.0	31.9	10.3	30.0	9.56	29.0	9.21	28.1	8.87	26.1	8.21
		0.0	-0.7	33.9	10.0	31.9	9.37	30.0	8.75	29.0	8.44	28.1	8.14	26.1	7.54
		3.0	2.2	33.9	9.18	31.9	8.61	30.0	8.04	29.0	7.76	28.1	7.49	26.1	6.95
		5.0	4.1	33.9	8.68	31.9	8.14	30.0	7.62	29.0	7.36	28.1	7.10	26.1	6.60
		7.0	6.0	33.9	8.22	31.9	7.71	30.0	7.22	29.0	6.98	28.1	6.74	26.1	6.27
		9.0	7.9	33.9	7.78	31.9	7.31	30.0	6.85	29.0	6.63	28.1	6.40	26.1	5.96
		11.0	9.8	33.9	7.38	31.9	6.94	30.0	6.51	29.0	6.30	28.1	6.09	26.1	5.67
		13.0	11.8	33.9	6.99	31.9	6.58	30.0	6.18	29.0	5.98	28.1	5.78	26.1	5.39
		15.0	13.7	33.9	6.65	31.9	6.26	30.0	5.88	29.0	5.70	28.1	5.51	26.1	5.15
50%	200 (22.50)	-19.8	-20.0	28.2	14.0	26.6	13.0	25.0	12.1	24.2	11.6	23.4	11.2	21.8	10.3
		-18.8	-19.0	28.2	13.7	26.6	12.7	25.0	11.8	24.2	11.4	23.4	10.9	21.8	10.1
		-16.7	-17.0	28.2	13.0	26.6	12.1	25.0	11.3	24.2	10.8	23.4	10.4	21.8	9.61
		-13.7	-15.0	28.2	12.3	26.6	11.5	25.0	10.7	24.2	10.3	23.4	9.91	21.8	9.15
		-11.8	-13.0	28.2	11.7	26.6	10.9	25.0	10.1	24.2	9.78	23.4	9.41	21.8	8.70
		-9.8	-11.0	28.2	11.0	26.6	10.3	25.0	9.60	24.2	9.26	23.4	8.92	21.8	8.25
		-9.5	-10.0	28.2	10.7	26.6	10.0	25.0	9.34	24.2	9.01	23.4	8.68	21.8	8.03
		-8.5	-9.1	28.2	10.4	26.6	9.77	25.0	9.11	24.2	8.79	23.4	8.47	21.8	7.84
		-7.0	-7.6	28.2	10.00	26.6	9.36	25.0	8.73	24.2	8.43	23.4	8.12	21.8	7.53
		-5.0	-5.6	28.2	9.43	26.6	8.84	25.0	8.25	24.2	7.97	23.4	7.68	21.8	7.13
		-3.													

5 Capacity tables

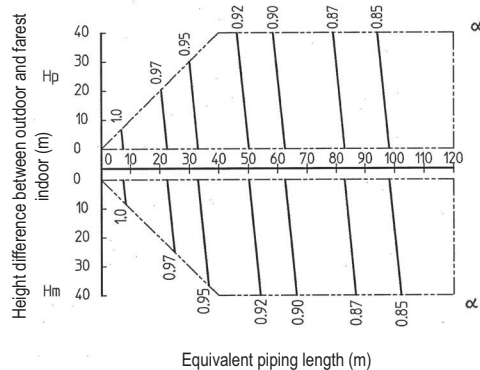
5 - 3 Capacity Correction Factor

REYAQ10P

1. Rate of change in heating capacity



2. Rate of change in cooling capacity



[Explanation of symbols]

Hp: Level difference (m) between indoor and outdoor unit (outdoor unit is on highest location)

Hm: Level difference (m) between indoor and outdoor unit (outdoor unit is on lowest location)

3TW60652-2A

NOTES

[Capacity correction]

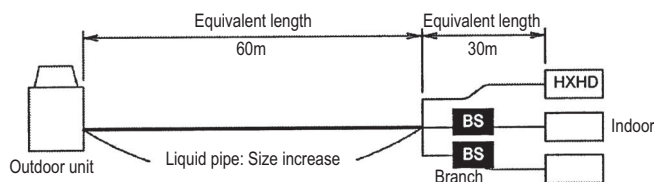
- These figures illustrate the rate of change in capacity (α) of a standard indoor unit system at maximum load under standard conditions. Moreover, under partial load conditions there is only a minor deviation from the rate of change in capacity shown in the figures above.
- With this outdoor unit, constant evaporating pressure control during cooling and constant condensing pressure control during heating is carried out.
- Method of calculating capacity (connection ratio $\leq 100\%$)
 $[\text{Capacity}] = [\text{Capacity under } 100\% \text{ connection ratio (capacity table)}] \times (\text{correction factor for capacity } (\alpha) \text{ due to piping length to farthest indoor unit})$
 Method of calculating capacity (connection ratio $> 100\%$)
 $[\text{Capacity}] = [\text{Capacity under } xxx\% \text{ connection ratio (capacity table)}] \times (\text{correction factor for capacity } (\alpha) \text{ due to piping length to farthest indoor unit})$

[Equivalent piping length correction]

- When overall equivalent piping length is 90m or more, the diameter of the main liquid pipes must be increased.
- $[\text{Overall equivalent piping length}] = [\text{equivalent piping length to main pipe}] \times [\text{correction factor } (\beta)] + [\text{equivalent length after branching}]$

Model	Liquid standard	Liquid increased	Correction factor (β) (heating)	Correction factor (β) (cooling)
REYAQ10P	9.5 Ø	12.7 Ø	0.2	0.5

[EXAMPLE]



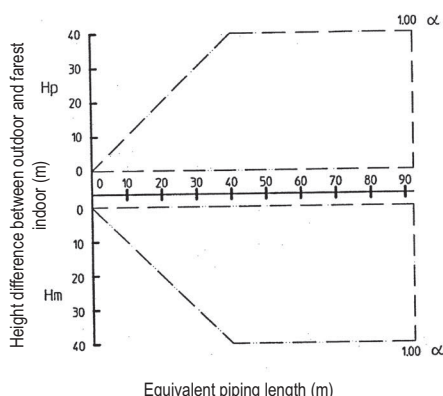
- Overall equivalent piping length = $60\text{m} \times 0.2 + 30 = 42\text{m}$ (heating; $\beta=0.2$)
- Overall equivalent piping length = $60\text{m} \times 0.5 + 30 = 60\text{m}$ (cooling; $\beta=0.5$)
- The correction factor for capacity when $H=0\text{m}$: $\alpha = 1$ (heating)
- The correction factor for capacity when $H=0\text{m}$: $\alpha = 0.91$ (cooling)

5 Capacity tables

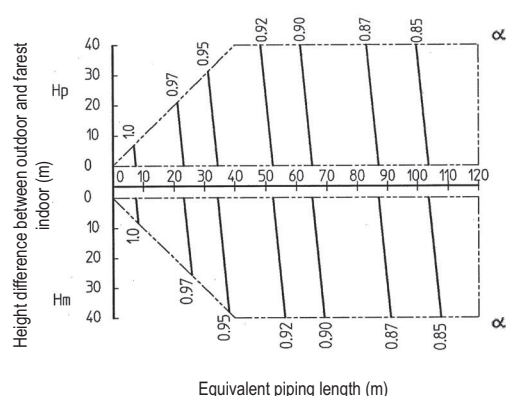
5 - 3 Capacity Correction Factor

REYAAQ12P

1. Rate of change in heating capacity



2. Rate of change in cooling capacity



[Explanation of symbols]

Hp: Level difference (m) between indoor and outdoor unit (outdoor unit is on highest location)

Hm: Level difference (m) between indoor and outdoor unit (outdoor unit is on lowest location)

3TW60652-2A

NOTES

[Capacity correction]

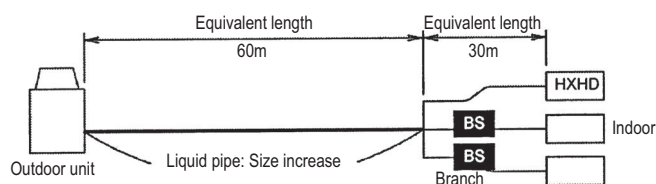
- These figures illustrate the rate of change in capacity (α) of a standard indoor unit system at maximum load under standard conditions. Moreover, under partial load conditions there is only a minor deviation from the rate of change in capacity shown in the figures above.
- With this outdoor unit, constant evaporating pressure control during cooling and constant condensing pressure control during heating is carried out.
- Method of calculating capacity (connection ratio $\leq 100\%$)
 $[\text{Capacity}] = [\text{Capacity under } 100\% \text{ connection ratio (capacity table)}] \times (\text{correction factor for capacity } (\alpha) \text{ due to piping length to farthest indoor unit})$
 Method of calculating capacity (connection ratio $> 100\%$)
 $[\text{Capacity}] = [\text{Capacity under } xxx\% \text{ connection ratio (capacity table)}] \times (\text{correction factor for capacity } (\alpha) \text{ due to piping length to farthest indoor unit})$

[Equivalent piping length correction]

- When overall equivalent piping length is 90m or more, the diameter of the main liquid pipes must be increased.
- $[\text{Overall equivalent piping length}] = [\text{equivalent piping length to main pipe}] \times [\text{correction factor } (\beta)] + [\text{equivalent length after branching}]$

Model	Liquid standard	Liquid increased	Correction factor (β) (heating)	Correction factor (β) (cooling)
REYAAQ12P	12.7 $\varnothing$	15.9 $\varnothing$	0.3	0.5

[EXAMPLE]



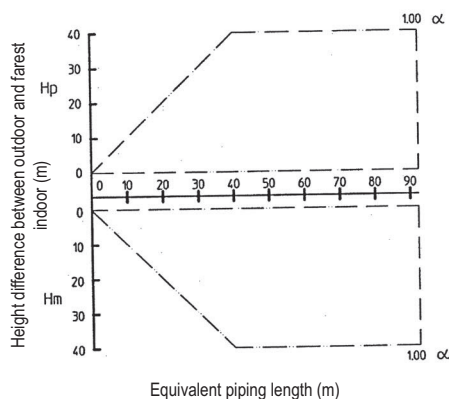
- Overall equivalent piping length = $60\text{m} \times 0.3 + 30 = 48\text{m}$ (heating; $\beta=0.3$)
- Overall equivalent piping length = $60\text{m} \times 0.5 + 30 = 60\text{m}$ (cooling; $\beta=0.5$)
- The correction factor for capacity when $H=0\text{m}$: $\alpha = 1$ (heating)
- The correction factor for capacity when $H=0\text{m}$: $\alpha = 0.91$ (cooling)

5 Capacity tables

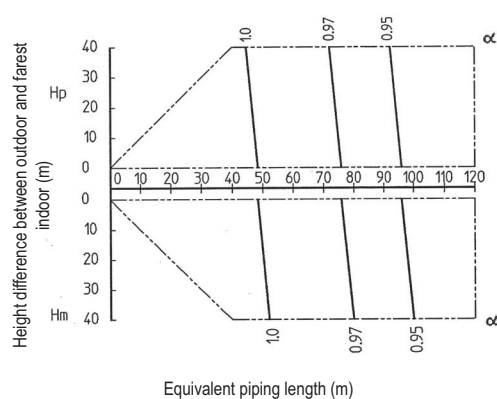
5 - 3 Capacity Correction Factor

REYaq14P

1. Rate of change in heating capacity



2. Rate of change in cooling capacity



[Explanation of symbols]

Hp: Level difference (m) between indoor and outdoor unit (outdoor unit is on highest location)
Hm: Level difference (m) between indoor and outdoor unit (outdoor unit is on lowest location)

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NOTES

[Capacity correction]

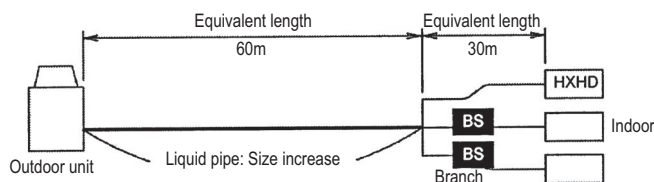
- These figures illustrate the rate of change in capacity (α) of a standard indoor unit system at maximum load under standard conditions. Moreover, under partial load conditions there is only a minor deviation from the rate of change in capacity shown in the figures above.
- With this outdoor unit, constant evaporating pressure control during cooling and constant condensing pressure control during heating is carried out.
- Method of calculating capacity (connection ratio $\leq 100\%$)
[Capacity] = [Capacity under 100% connection ratio (capacity table)] X (correction factor for capacity (α) due to piping length to farthest indoor unit)
Method of calculating capacity (connection ratio $> 100\%$)
[Capacity] = [Capacity under xxx% connection ratio (capacity table)] X (correction factor for capacity (α) due to piping length to farthest indoor unit)

[Equivalent piping length correction]

- When overall equivalent piping length is 90m or more, the diameter of the main liquid pipes must be increased.
- [Overall equivalent piping length] = [equivalent piping length to main pipe] X [correction factor (β)] + [equivalent length after branching]

Model	Liquid standard	Liquid increased	Correction factor (β) (heating)	Correction factor (β) (cooling)
REYaq14P	12.7 Ø	15.9 Ø	0.3	0.5

[EXAMPLE]



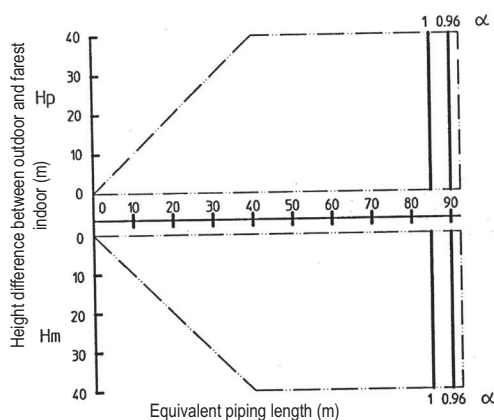
- Overall equivalent piping length = 60m X 0.3 + 30 = 48m (heating; $\beta=0.3$)
- Overall equivalent piping length = 60m X 0.5 + 30 = 60m (cooling; $\beta=0.5$)
- The correction factor for capacity when H=0m: $\alpha = 1$ (heating)
- The correction factor for capacity when H=0m: $\alpha = 0.99$ (cooling)

5 Capacity tables

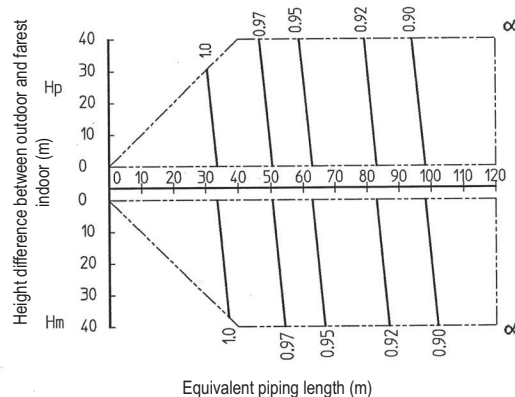
5 - 3 Capacity Correction Factor

REYAAQ16P

1. Rate of change in heating capacity



2. Rate of change in cooling capacity



[Explanation of symbols]

Hp: Level difference (m) between indoor and outdoor unit (outdoor unit is on highest location)

Hm: Level difference (m) between indoor and outdoor unit (outdoor unit is on lowest location)

3TW60652-2A

NOTES

[Capacity correction]

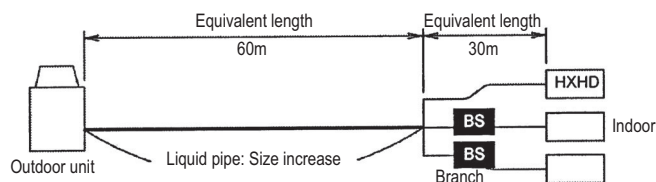
- These figures illustrate the rate of change in capacity (α) of a standard indoor unit system at maximum load under standard conditions. Moreover, under partial load conditions there is only a minor deviation from the rate of change in capacity shown in the figures above.
- With this outdoor unit, constant evaporating pressure control during cooling and constant condensing pressure control during heating is carried out.
- Method of calculating capacity (connection ratio $\leq 100\%$)
 $[\text{Capacity}] = [\text{Capacity under } 100\% \text{ connection ratio (capacity table)}] \times (\text{correction factor for capacity } (\alpha) \text{ due to piping length to farthest indoor unit})$
 Method of calculating capacity (connection ratio $> 100\%$)
 $[\text{Capacity}] = [\text{Capacity under } xxx\% \text{ connection ratio (capacity table)}] \times (\text{correction factor for capacity } (\alpha) \text{ due to piping length to farthest indoor unit})$

[Equivalent piping length correction]

- When overall equivalent piping length is 90m or more, the diameter of the main liquid pipes must be increased.
- $[\text{Overall equivalent piping length}] = [\text{equivalent piping length to main pipe}] \times [\text{correction factor } (\beta)] + [\text{equivalent length after branching}]$

Model	Liquid standard	Liquid increased	Correction factor (β) (heating)	Correction factor (β) (cooling)
REYAAQ16P	12.7 Ø	15.9 Ø	0.3	0.5

[EXAMPLE]

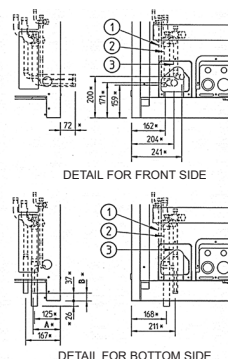
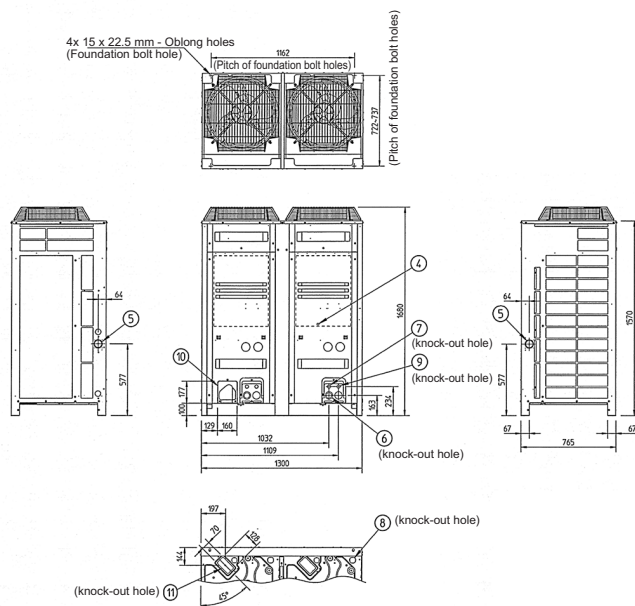


- Overall equivalent piping length = $60\text{m} \times 0.3 + 30 = 48\text{m}$ (heating; $\beta=0.3$)
- Overall equivalent piping length = $60\text{m} \times 0.5 + 30 = 60\text{m}$ (cooling; $\beta=0.5$)
- The correction factor for capacity when $H=0\text{m}$: $\alpha = 1$ (heating)
- The correction factor for capacity when $H=0\text{m}$: $\alpha = 0.955$ (cooling)

6 Dimensional drawings

6 - 1 Dimensional Drawings

REYAAQ-P



Item	A	B
REYAAQ10,12P	129	32
REYAAQ14,16P	131	38

3TW59924-1

No.	Parts name	Remarks
1	Liquid pipe connection port	See note 2
2	Suction gas pipe connection port	See note 2
3	Discharge gas pipe connection port	See note 2
4	Grounding terminal	Inside of switch box (M8)
5	Power cord routing hole (side)	ø62 mm
6	Power cord routing hole (front)	ø45 mm
7	Power cord routing hole (front)	ø27 mm
8	Power cord routing hole (bottom)	ø50 mm
9	Wire routing hole (front)	ø27 mm
10	Pipe routing hole (front)	See note 1
11	Pipe routing hole (bottom)	See note 1

NOTES

- For piping connection method (front and bottom sides), see installation manual.
- Piping connections for field connection:
Discharge gas pipe
ø19.1 mm Brazing connection: REYAAQ10,12P
ø22.2 mm Brazing connection: REYAAQ14,16P

Suction gas pipe

ø22.2 mm Brazing connection: REYAAQ10,12P
ø28.6 mm Brazing connection: REYAAQ14,16P

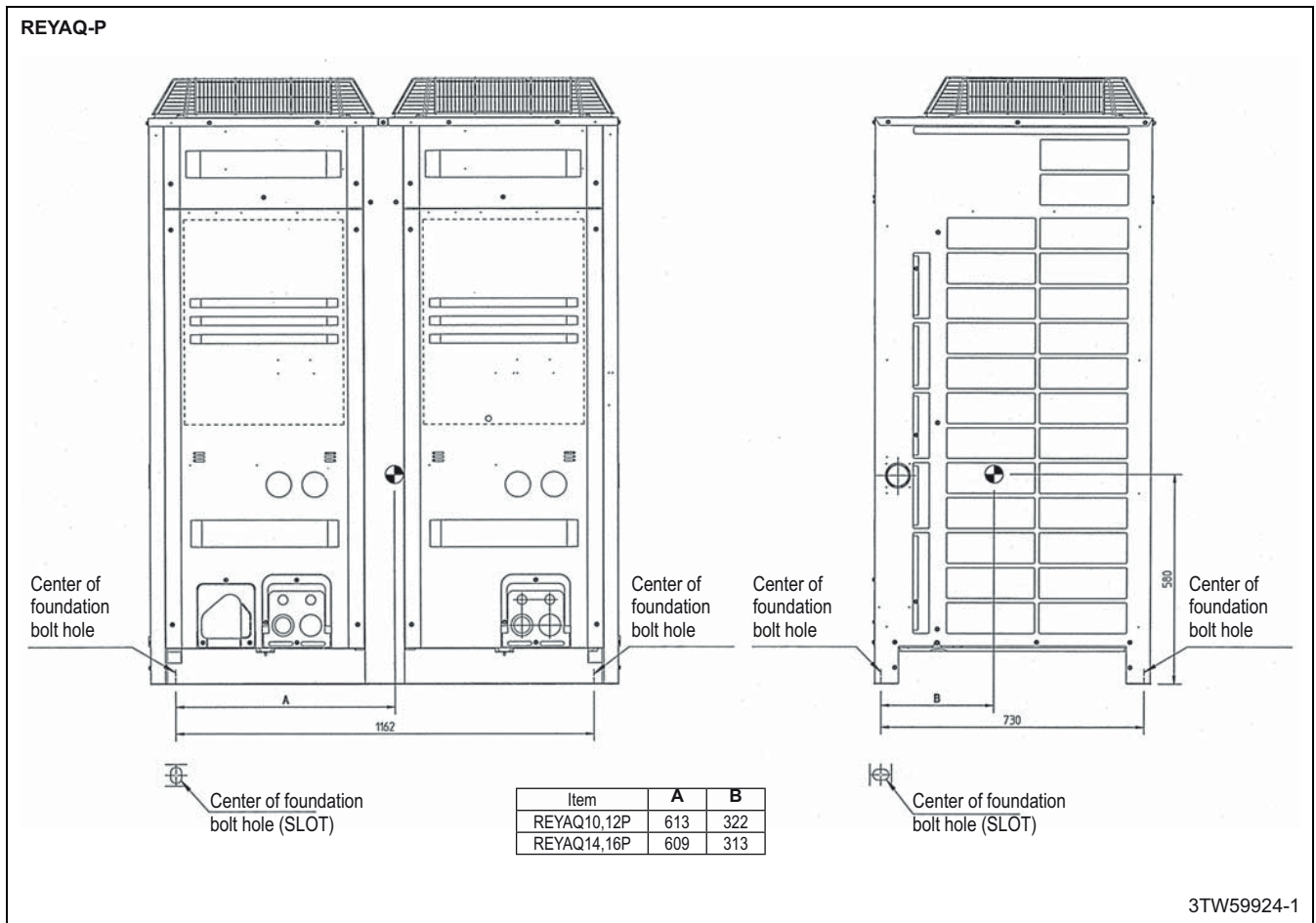
Liquid pipe

ø9.5 mm Brazing connection: REYAAQ10P
ø12.7 mm Brazing connection: REYAAQ12,14,16P

- * Shows the dimensions after fixing the accessory bag.

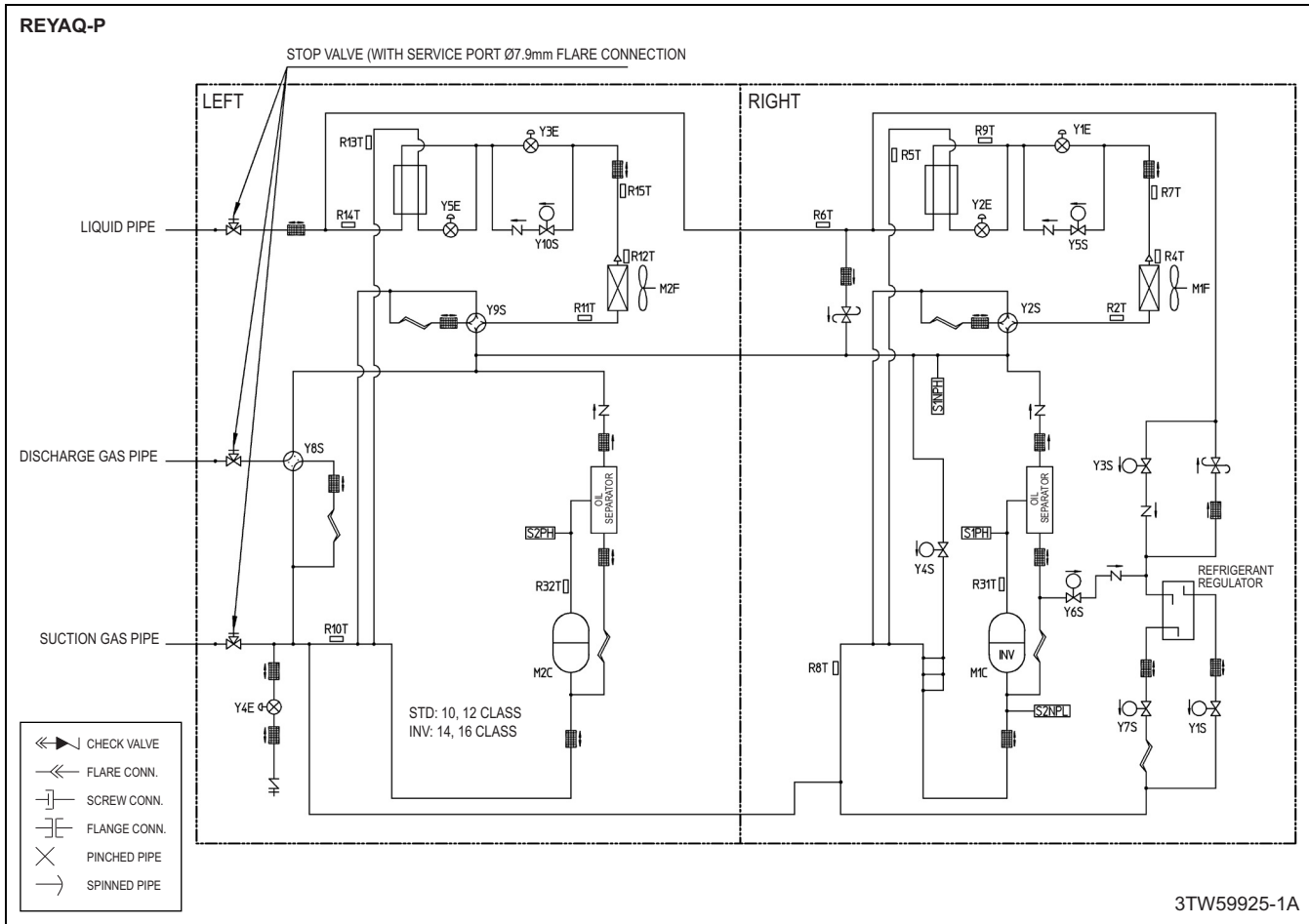
7 Centre of gravity

7 - 1 Centre of Gravity



8 Piping diagrams

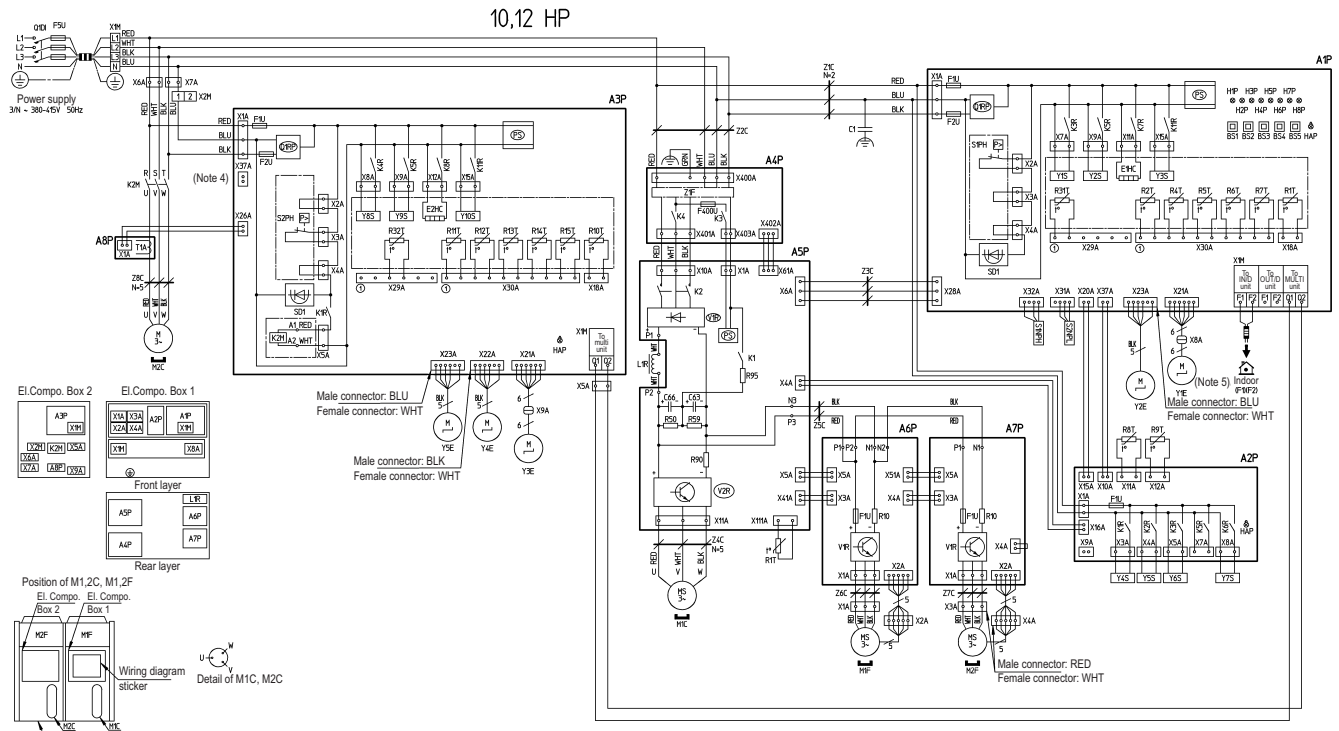
8 - 1 Piping Diagrams



9 Wiring diagrams

9 - 1 Wiring Diagrams - Three Phase

REYaq10-12P



A1P~A8P	PRINTED CIRCUIT BOARD		L1R	REACTOR	X2M	TERMINAL STRIP (RELAY)		
	A1P: MAIN	A5P: INVERTER	M1C, M2C	MOTOR (COMPRESSOR)	Y1E	ELECTRONIC EXPANSION VALVE (MAIN 1)		
	A2P: SUB 1	A6P, A7P: FAN	M1F, M2F	MOTOR (FAN)	Y2E	ELECTRONIC EXPANSION VALVE (SUBCOOL 1)		
	A3P: SUB 2	A8P: CURRENT SENSOR	PS	SWITCHING POWER SUPPLY (A1P, A3P, A5P)	Y3E	ELECTRONIC EXPANSION VALVE (MAIN 2)		
	A4P: NOISE FILTER		Q1DI	EARTH LEAKAGE BREAKER	Y4E	ELECTRONIC EXPANSION VALVE (CHARGE)		
BS1~BS5	PUSH BUTTON SWITCH (MODE, SET, RETURN, TEST, RESET)		Q1RP	REVERSE PHASE DETECTION CIRCUIT (A1P, A3P)	Y5E	ELECTRONIC EXPANSION VALVE (SUBCOOL 2)		
C1, C63, C66	CAPACITOR		R10	RESISTOR (CURRENT SENSOR) (A6P, A7P)	Y1S~Y10S	SOLENOID VALVE		
E1HC, E2HC	CRANKCASE HEATER (A1P, A3P)		R50, R59	RESISTOR		Y1S: RMTG	Y6S: RMTT	
F1U, F2U	FUSE (T, 3.15A, 250V) (A1P, A3P)		R90	RESISTOR (CURRENT SENSOR)		Y2S: 4 WAY VALVE (H/E 1)	Y7S: RMT0	
F1U	FUSE (T, 3.15A, 250V) (A2P)		R1T~R15T R31T, R32T	THERMISTOR		Y3S: RMTL	Y8S: 4 WAY VALVE (PIPE)	
F1U	FUSE (8A, DC650V) (A6P, A7P)			R1T: AIR (A1P)		R8T: SUCTION 1	Y4S: HOT GAS	Y9S: 4 WAY VALVE (H/E 2)
F5U	FIELD FUSE			R1T: FIN (ASP)	R9T: LIQUID 1	Y5S: EV BYPASS 1	Y10S: EV BYPASS 2	
F400U	FUSE (T, 6.3A, 250V)			R2T: H/E GAS 1	R10T: SUCTION 2	Z1C~Z8C	NOISE FILTER (FERRITE CORE)	
H1P~H8P	PILOT LAMP (SERVICE MONITOR- ORANGE) [H2P] PREPARE, TEST ----- FLICKERING MALFUNCTION DETECTION — — LIGHT UP			R31T: M1C DISCHARGE	R11T: H/E GAS 2	Z1F	NOISE FILTER (WITH SURGE ABSORBER)	
HAP	PILOT LAMP (SERVICE MONITOR-GREEN) (A1P, A2P, A3P)		R32T: M2C DISCHARGE	R12T: H/E DEICER 2	CONNECTOR FOR OPTIONAL PARTS			
K1~K4	K1: MAGNETIC RELAY		R4T: H/E DEICER 1	R13T: SUB COOL H/E GAS 2	X7A	OPERATION OUTPUT (A2P)		
	K3: MAGNETIC RELAY		R5T: SUB COOL H/E GAS 1	R14T: LIQUID 2	X9A	POWER SUPPLY (ADAPTER) (A2P)		
	K2: MAGNETIC CONTACTOR (M1C)		R6T: SUB COOL H/E LIQ	R15T: H/E LIQUID 2	X37A	POWER SUPPLY (ADAPTER) (A3P)		
	K4: MAGNETIC CONTACTOR (M1C)		R7T: H/E LIQUID 1					
K1R~K8R, K11R	MAGNETIC RELAY		S1NPH	PRESSURE SENSOR (HIGH)				
	K1R: Y4S (A2P)	K5R: FOR OPTION (A2P)	T1A	CURRENT SENSOR				
	K1R: K2M (A3P)	K5R: Y9S (A3P)	SD1	SAFETY DEVICES INPUT (A1P, A3P)				
	K2R: Y5S	K6R: Y7S	V1R	DIODE BRIDGE (A5P)	POWER MODULE (A6P, A7P)			
	K3R: Y1S (A1P)	K7R: E1HC (A1P)	V2R	POWER MODULE				
	K3R: Y6S (A2P)	K8R: E2HC (A3P)	X1A~X9A	CONNECTOR				
	K4R: Y8S	K11R: Y3S (A1P)	X1M	TERMINAL STRIP (POWER SUPPLY)				
	K5R: Y2S (A1P)	K11R: Y10S (A3P)	X1M	TERMINAL STRIP (CONTROL) (A1P, A3P)				

NOTES

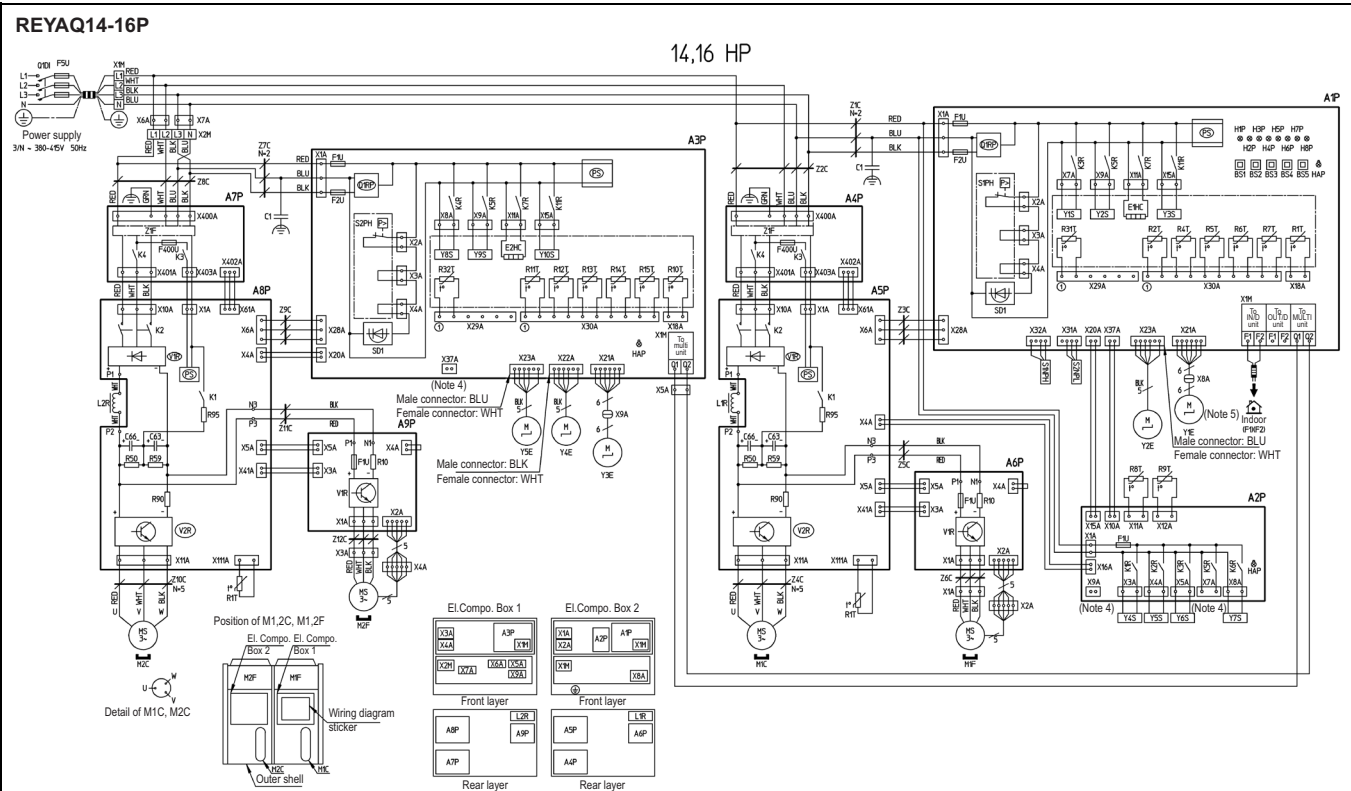
- This wiring diagram only applies to the outdoor unit.
- Field wiring
- Terminal strip Connector
Terminal Protective earth (screw)
- When using the option adapter, refer to the installation manual.
- Refer to the installation manual, for connection wiring to indoor-outdoor transmission F1- F2 and on how to use BS1-BS5.
- Do not operate the unit by short-circuiting protection device S1PH, S2PH.

7. BLK = BLACK RED = RED YLW = YELLOW WHT = WHITE PNK = PINK
BRN = BROWN GRY = GREY GRN = GREEN ORG = ORANGE BLU = BLUE

1TW59926-2

9 Wiring diagrams

9 - 1 Wiring Diagrams - Three Phase



A1P~A8P	PRINTED CIRCUIT BOARD		L1R, L2R	REACTOR	X2M	TERMINAL STRIP (RELAY)		
	A1P: MAIN	A4P, A7P: NOISE FILTER	M1C, M2C	MOTOR (COMPRESSOR)	Y1E	ELECTRONIC EXPANSION VALVE (MAIN 1)		
	A2P: SUB 1	A5P, A8P: INVERTER	M1F, M2F	MOTOR (FAN)	Y2E	ELECTRONIC EXPANSION VALVE (SUBCOOL 1)		
	A3P: SUB 2	A6P, A9P: FAN	PS	SWITCHING POWER SUPPLY (A1P, A3P, A5P, A8P)	Y3E	ELECTRONIC EXPANSION VALVE (MAIN 2)		
			Q1DI	EARTH LEAKAGE BREAKER	Y4E	ELECTRONIC EXPANSION VALVE (CHARGE)		
BS1~BS5	PUSH BUTTON SWITCH (MODE, SET, RETURN, TEST, RESET)		Q1RP	REVERSE PHASE DETECTION CIRCUIT (A1P, A3P)	Y5E	ELECTRONIC EXPANSION VALVE (SUBCOOL 2)		
C1, C63, C66	CAPACITOR		R10	RESISTOR (CURRENT SENSOR) (A6P, A9P)	Y1S~Y10S	SOLENOID VALVE		
E1HC, E2HC	CRANKCASE HEATER (A1P, A3P)		R50, R59	RESISTOR (A5P, A8P)		Y1S: RMTG	Y6S: RMTT	
F1U, F2U	FUSE (T, 3.15A, 250V) (A1P, A3P)		R90	RESISTOR (CURRENT SENSOR) (A5P, A8P)		Y2S: 4 WAY VALVE (H/E 1)	Y7S: RMT0	
F1U	FUSE (T, 3.15A, 250V) (A2P)		R95	RESISTOR (CURRENT LIMITING) (A5P, A8P)		Y3S: RMTL	Y8S: 4 WAY VALVE (PIPE)	
F1U	FUSE (8A, DC650V) (A6P, A9P)		R1T~R15T R31T, R32T	THERMISTOR		Y4S: HOT GAS	Y9S: 4 WAY VALVE (H/E 2)	
F5U	FIELD FUSE			R1T: AIR (A1P)		R8T: SUCTION 1	Y5S: EV BYPASS 1	Y10S: EV BYPASS 2
F400U	FUSE (T, 6.3A, 250V) (A4P) (A7P)			R1T: FIN (A5P, A8P)	R9T: LIQUID 1	Z1C~Z12C	NOISE FILTER (FERRITE CORE)	
H1P~H8P	PILOT LAMP (SERVICE MONITOR- ORANGE) [H2P] PREPARE, TEST ----- FLICKERING MALFUNCTION DETECTION — — LIGHT UP			R2T: H/E GAS 1	R10T: SUCTION 2	Z1F	NOISE FILTER (WITH SURGE ABSORBER) (A4P,A7P)	
				R31T: M1C DISCHARGE	R11T: H/E GAS 2			
HAP	PILOT LAMP (SERVICE MONITOR-GREEN) (A1P, A2P, A3P)			R32T: M2C DISCHARGE	R12T: H/E DEICER 2	CONNECTOR FOR OPTIONAL PARTS		
K1~K4	K1: MAGNETIC RELAY (A5P, A8P)			R4T: H/E DEICER 1	R13T: SUB COOL H/E GAS 2	X7A	OPERATION OUTPUT (A2P)	
	K3: MAGNETIC RELAY (A4P, A7P)			R5T: SUB COOL H/E GAS 1	R14T: LIQUID 2	X9A	POWER SUPPLY (ADAPTER) (A2P)	
	K2: MAGNETIC CONTACTOR (M1C-A5P, M2C-A8P)			R6T: SUB COOL H/E LIQ	R15T: H/E LIQUID 2	X37A	POWER SUPPLY (ADAPTER) (A3P)	
	K2: MAGNETIC CONTACTOR (M1C-A4P, M2C-A7P)			R7T: H/E LIQUID 1				
K1R~K7R, K11R	MAGNETIC RELAY		S1NPH	PRESSURE SENSOR (HIGH)				
	K1R: Y4S	K5R: FOR OPTION (A2P)	S2NPL	PRESSURE SENSOR (LOW)				
	K2R: Y5S	K5R: Y9S (A3P)	S1PH, S2PH	PRESSURE SWITCH (HIGH)				
	K3R: Y1S (A1P)	K6R: Y7S (A2P)	SD1	SAFETY DEVICES INPUT (A1P, A3P)				
	K3R: Y6S (A2P)	K7R: E1HC (A1P)	V1R	DIODE BRIDGE (A5P, A8P) POWER MODULE (A6P, A9P)				
	K4R: Y8S	K7R: E2HC) (A3P)	V2R	POWER MODULE (A5P, A8P)				
	K5R: Y2S (A1P)	K11R: Y10S (A3P)	X1A~X9A	CONNECTOR				
			X1M	TERMINAL STRIP (POWER SUPPLY)				
			X1M	TERMINAL STRIP (CONTROL) (A1P, A3P)				

NOTES

- This wiring diagram only applies to the outdoor unit.
- :Field wiring
- :Terminal strip : Connector
- :Terminal : Protective earth (screw)
- When using the option adapter, refer to the installation manual.
- Refer to the installation manual, for connection wiring to indoor-outdoor transmission F1- F2 and on how to use BS1-BS5.
- Do not operate the unit by short-circuiting protection device S1PH, S2PH.

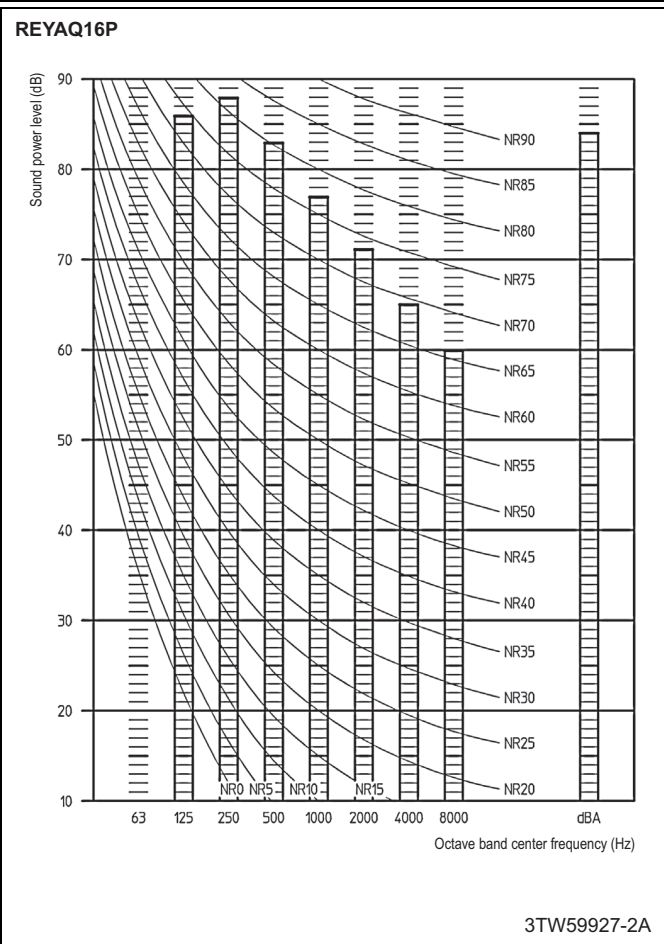
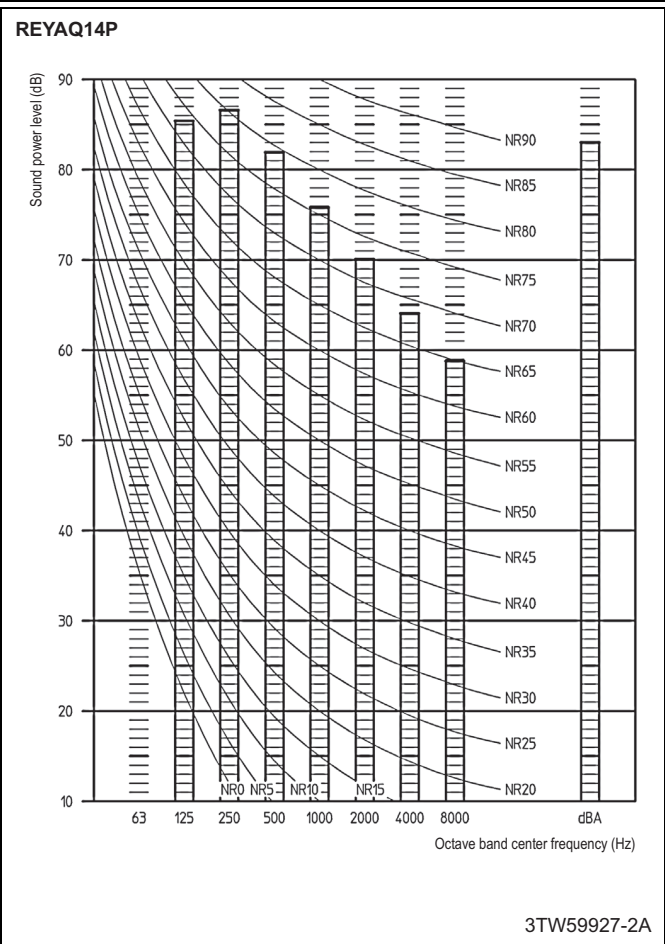
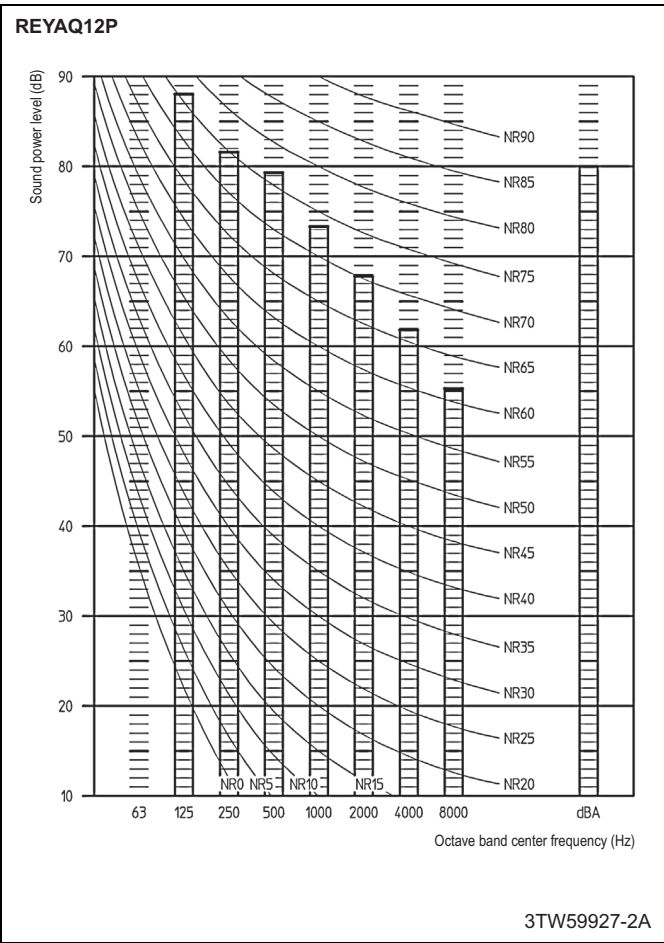
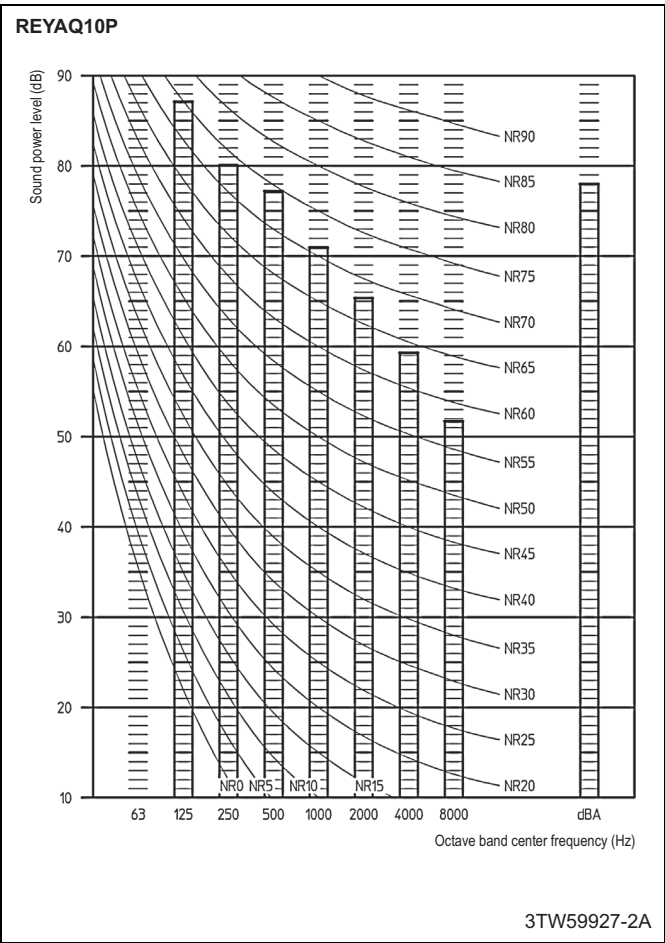
7. BLK = BLACK RED = RED YLW = YELLOW WHT = WHITE PNK = PINK
BRN = BROWN GRY = GREY GRN = GREEN ORG = ORANGE BLU = BLUE

10



11 Sound data

11 - 1 Sound Power Spectrum

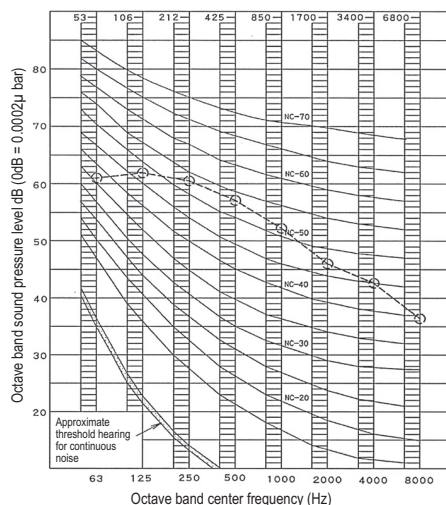


11 Sound data

11 - 2 Sound Pressure Spectrum

11

REYAAQ10P

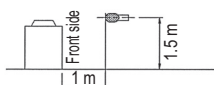


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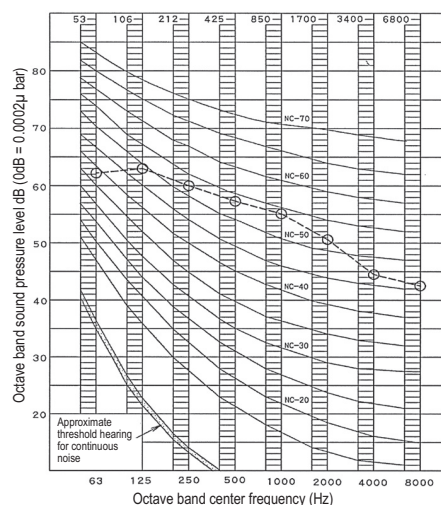
NOTES

- Over All (dB):
(B,G,N is already rectified)
- Operating conditions:
Power source: 380-415V 50Hz
- Measuring place: Anechoic chamber (conversion value)
- The operating sound is measured in anechoic chamber, if it is measured under the actual installation conditions, it is normally over the set value due to environmental noise and sound reflection.
- Location of microphone.

Scale	50 Hz
A	58
C	66



REYAAQ12P

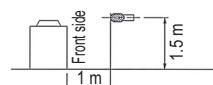


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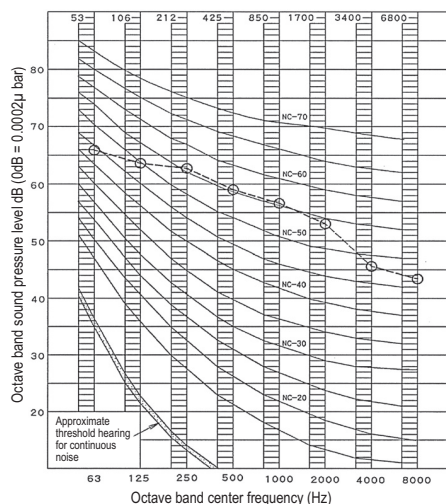
NOTES

- Over All (dB):
(B,G,N is already rectified)
- Operating conditions:
Power source: 380-415V 50Hz
- Measuring place: Anechoic chamber (conversion value)
- The operating sound is measured in anechoic chamber, if it is measured under the actual installation conditions, it is normally over the set value due to environmental noise and sound reflection.
- Location of microphone.

Scale	50 Hz
A	60
C	67



REYAAQ14P

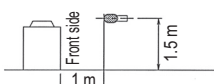


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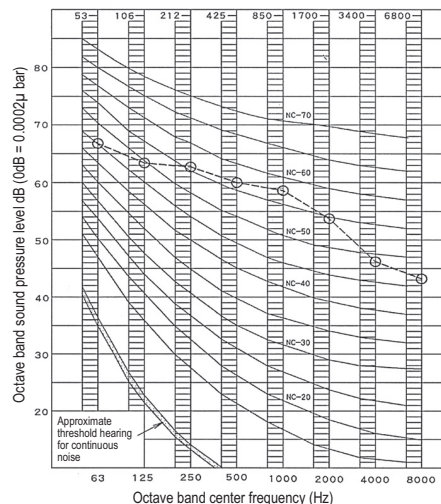
NOTES

- Over All (dB):
(B,G,N is already rectified)
- Operating conditions:
Power source: 380-415V 50Hz
- Measuring place: Anechoic chamber (conversion value)
- The operating sound is measured in anechoic chamber, if it is measured under the actual installation conditions, it is normally over the set value due to environmental noise and sound reflection.
- Location of microphone.

Scale	50 Hz
A	62
C	69



REYAAQ16P

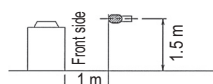


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NOTES

- Over All (dB):
(B,G,N is already rectified)
- Operating conditions:
Power source: 380-415V 50Hz
- Measuring place: Anechoic chamber (conversion value)
- The operating sound is measured in anechoic chamber, if it is measured under the actual installation conditions, it is normally over the set value due to environmental noise and sound reflection.
- Location of microphone.

Scale	50 Hz
A	63
C	70



12 Installation

12 - 1 Refrigerant Pipe Selection

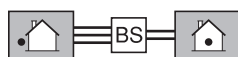
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Selection of piping size

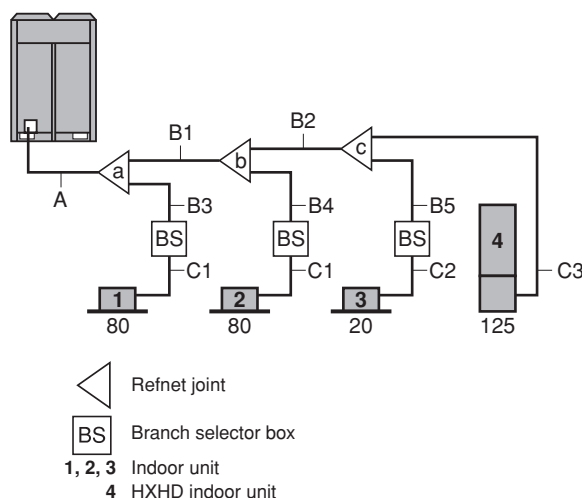


NOTICE

- HXHD indoor units do not require a branch selector box (BS box). They only require HP/LP gas and liquid pipe connections.
- Other indoor units need to be connected to a branch selector box (BS box)(need 3 pipes).



- Size: determine the proper size referring to following table:



A. Piping between outdoor unit and first branch pipe

Outdoor unit capacity type (Hp)	Piping outer diameter size (mm)		
	Suction gas pipe	HP/LP gas pipe	Liquid pipe
10	22.2	19.1	9.5
12	28.6	19.1	12.7
14+16	28.6	22.2	12.7

B. Piping between refrigerant branch kits and branch selector box (BS box)

Choose from the following table in accordance with the indoor unit total capacity type, connected downstream:

Indoor unit capacity index	Piping outer diameter size (mm)		
	Suction gas pipe	HP/LP gas pipe	Liquid pipe
<150	15.9	12.7	9.5
150≤x<200	19.1	15.9	9.5
200≤x<290	22.2	19.1	9.5
290≤x<420	28.6	19.1	12.7
420≤x<640	28.6	28.6	15.9
640≤x≤800	34.9	28.6	19.1

Example:

Total capacity connected downstream for B1 = capacity index indoor 2 + capacity index indoor 3 + capacity index indoor 4 = 225

Total capacity connected downstream for B2 = capacity index indoor 3 + capacity index indoor 4 = 145

Total capacity connected downstream for B3/B4 = capacity index indoor 1/2 = 80

Total capacity connected downstream for B5 = capacity index indoor 3 = 20

C. Piping between refrigerant branch kit or branch selector box and indoor unit

Pipe size for direct connection to indoor unit must be the same as the connection size of the indoor unit.

■ For HXHD indoor unit:

Indoor unit capacity type	Piping outer diameter size (mm)	
	HP/LP gas pipe	Liquid pipe
125	12.7	9.5

■ For other indoor units:

Indoor unit capacity type	Piping outer diameter size (mm)	
	Suction gas pipe	Liquid pipe
20, 25, 32, 40, 50	12.7	6.4
63, 80, 100, 125	15.9	9.5
200	19.1	9.5
250	22.2	9.5

Example:

Indoor unit capacity index		Suction gas pipe or HP/LP gas pipe ^(a)	Liquid pipe
C1	80	15.9	9.5
C2	20	12.7	6.4
C3	125 ^(a)	12.7 ^(a)	9.5 ^(a)

(a) HXHD indoor unit

- The pipe thickness of the refrigerant piping shall comply with the applicable legislation. The minimal pipe thickness for R410A piping must be in accordance with the table below.

Pipe Ø	Minimal thickness t (mm)
6.4	0.80
9.5	0.80
12.7	0.80
15.9	0.99
19.1	0.80
22.2	0.80
28.6	0.99
34.9	1.21

- In case the required pipe sizes (inch sizes) are not available, it is also allowed to use other diameters (mm sizes), taken the following into account:

- select the pipe size nearest to the required size.
- use the suitable adapters for the change-over from inch to mm pipes (field supply).

Selection of refrigerant branch kits

Refrigerant refnets

- When using refnet joints at the first branch counted from the outdoor unit side, choose from the following table in accordance with the capacity of the outdoor unit (example: refnet joint a)

Outdoor unit capacity type (Hp)	Refrigerant branch kit name	
	3 pipes	2 pipes
10	KHRQ23M29T	KHRQ22M29T
12~16	KHRQ23M64T	KHRQ22M64T

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12 Installation

12 - 1 Refrigerant Pipe Selection

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- For refnet joints other than the first branch (example refnet joint b and c), select the proper branch kit model based on the total capacity index of all indoor units connected after the refrigerant branch.

Indoor unit capacity index	Refrigerant branch kit name	
	3 pipes	2 pipes
<200	KHRQ23M20T	KHRQ22M20T
200≤x<290	KHRQ23M29T	KHRQ22M29T
290≤x<640	KHRQ23M64T	KHRQ22M64T
640≥	KHRQ23M75T	KHRQ22M75T

- Concerning refnet headers, choose from the following table in accordance with the total capacity of all the indoor units connected below the refnet header:

Indoor unit capacity index	Refrigerant branch kit name	
	3 pipes	2 pipes
<200	KHRQ23M29H	KHRQ22M29H
200≤x<290	KHRQ23M29H	KHRQ22M29H
290≤x<640	KHRQ23M64H	KHRQ22M64H
640≥	KHRQ23M75H	KHRQ22M75H



NOTICE

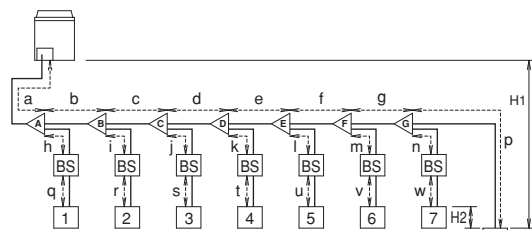
Refrigerant branch kits can only be used with R410A.

System piping limitations

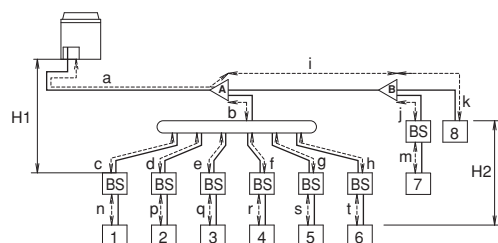
Piping length restrictions

Make sure to perform the piping installation within the range of the maximum allowable pipe length, allowable level difference and allowable length after branching as indicated below ("8"=HXHD125):

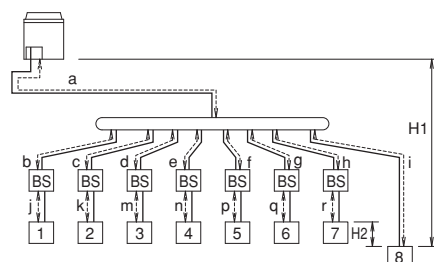
Example 1: Branch with refnet joint



Example 2: Branch with refnet joint and refnet header



Example 3: Branch with refnet header



Maximum allowable lengths

Actual pipe length between outdoor and indoor unit ≤100 m
 Example 1: a+b+c+d+e+f+g+p≤100 m a+b+c+d+k+t≤100 m
 Example 2: a+i+k≤100 m a+b+e+q≤100 m
 Example 3: a+i≤100 m a+d+m≤100 m

Equivalent piping length between indoor and outdoor unit ≤120 m
 equivalent pipe length of refnet to be taken 0.5 m and for header 1.0 m.

Equivalent pipe length of BSVQ100 = 4 m
 Equivalent pipe length of BSVQ160 = 4 m
 Equivalent pipe length of BSVQ250 = 6 m

Total piping length from outdoor to all indoor units ≤300 m

Pipe length from first branch kit (either refnet joint or refnet header) to indoor unit ≤40 m

[Example 1]: unit 8: b+c+d+e+f+g+p≤40 m

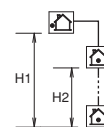
[Example 2]: unit 6: b+h+t≤40 m, unit 8: i+k≤40 m

[Example 3]: unit 8: i≤40 m, unit 2: c+k≤40 m

Maximum allowable height difference

Difference in height between outdoor and indoor units
 H1≤40 m

Difference in height between lowest and heighest indoor unit H2≤15 m



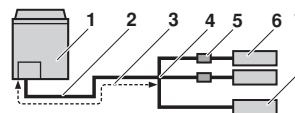
NOTICE

When the equivalent pipe length between outdoor and indoor units is 90 m or more, the size of the main liquid pipe must be increased. Never increase suction gas pipe and HP/LP gas pipe sizes.

Depending on the length of the piping, the capacity may drop, but even in such a case it is possible to increase the size of the main liquid pipe.

HP	Liquid Ø (mm)
10	9.5 → 12.7
12~16	12.7 → 15.9

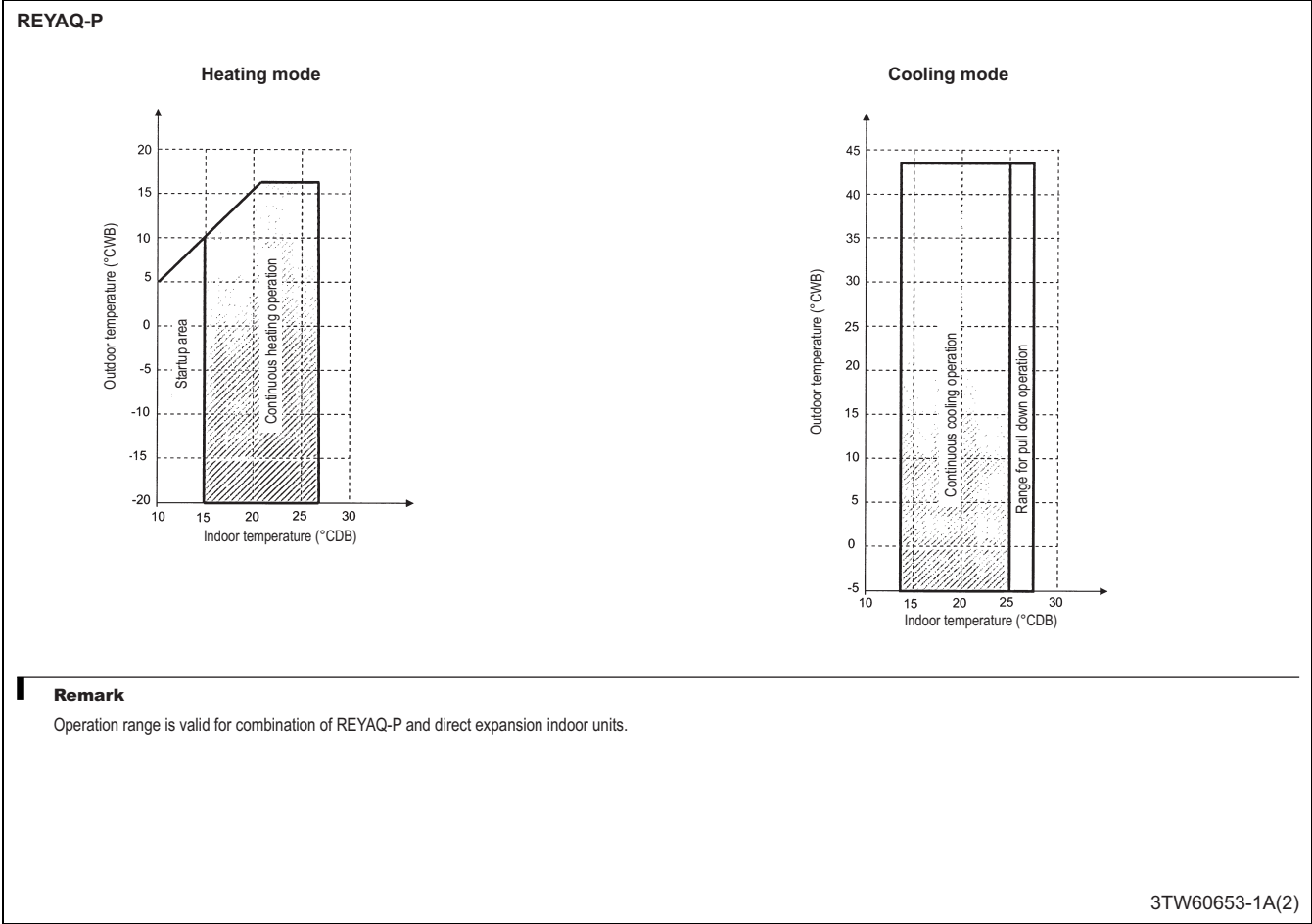
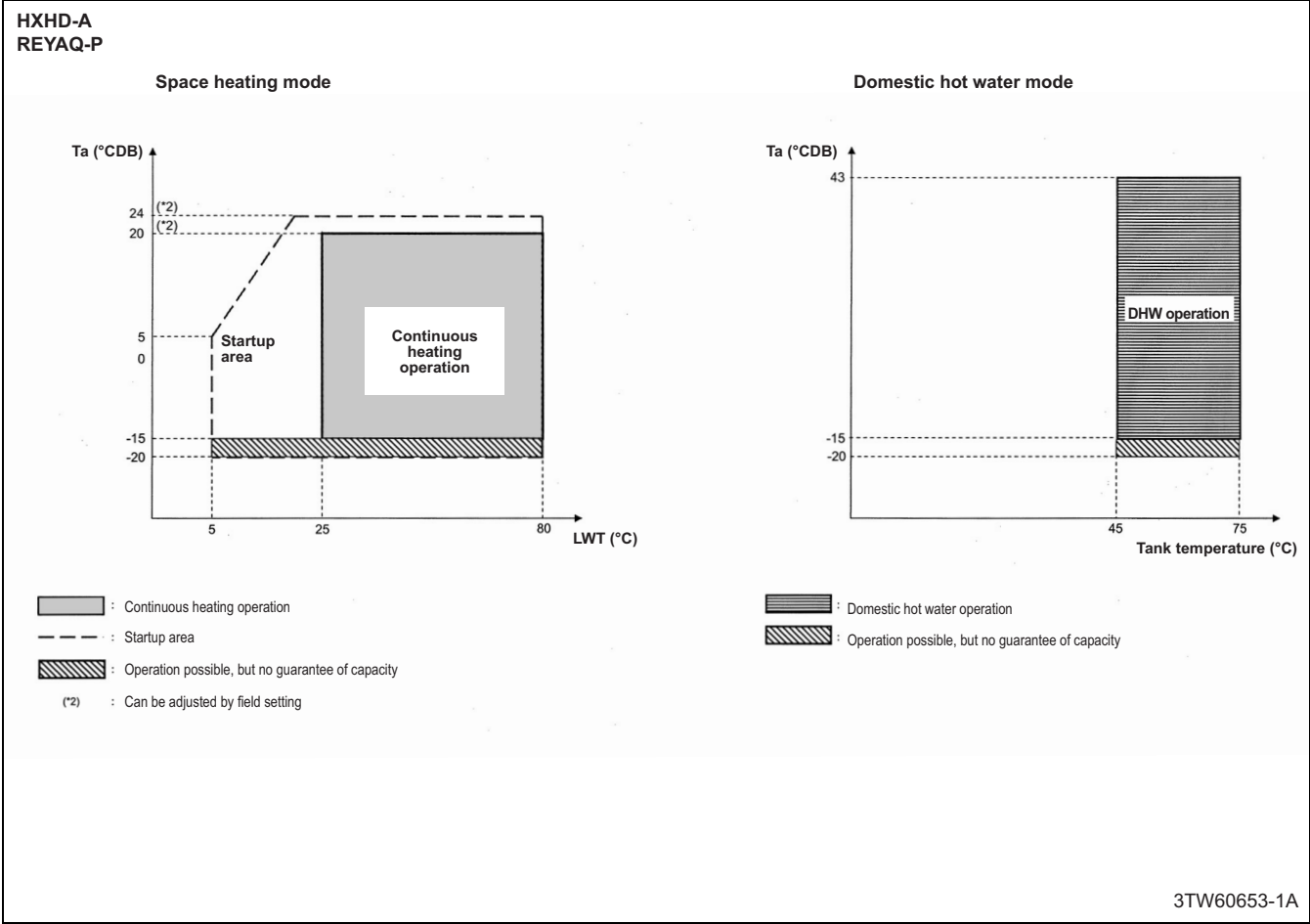
Make sure to perform the piping installation within the range of the maximum allowable pipe length, allowable level difference and allowable length after branching as indicated above.



- 1 Outdoor unit
- 2 Main pipes
- 3 Increase only liquid pipe size
- 4 First refrigerant branch kit
- 5 Branch selector box
- 6 Indoor unit
- 7 HXHD125 indoor unit

13 Operation range

13 - 1 Operation Range





These products are not within the scope of the Eurovent certification program

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