



Power supply	220-240V/1Ph/50Hz		
Heating performances	A+7°C; W30/35°C		
	Heating capacity	kW	8,00
	COP (>4.5)		4,70
	A+2°C; W30/35°C		
	Heating capacity	kW	7,80
	COP (>3.5)		3,40
	A-7°C; W30/35°C		
	Heating capacity	kW	7,80
	COP (>2.7)		2,70
	A+7°C; W40/45°C		
	Heating capacity	kW	8,00
	COP (>3.6)		3,60
	A+7°C; W47/55°C		
	Heating capacity	kW	7,70
	COP (>2.9)		2,85
	A+2°C; W47/55°C		
	Heating capacity	kW	8,00
	COP		2,30
	A-7°C; W47/55°C		
	Heating capacity	kW	7,00
COP		1,95	
A+7°C; W35°C (ErP-average)			
Prated-NET		8,09	
SCOP-NET		4,90	
ηs 30/35-NET	%	193%	
Efficiency class 30/35		A+++	
A+7°C; W55°C (ErP-average)			
Prated-NET		7,61	
SCOP-NET		3,36	
ηs 47/55-NET	%	131%	
Efficiency class 47/55		A++	
Cooling performances	A+35°C; W23/18°C		
	Cooling capacity	kW	7,00
	EER (>3.8)		4,40
	SEER		6,80
	ηs 23/18		270%
	A+35°C; W12/7°C		
	Cooling capacity	kW	6,50
	EER (>3.1)		2,90
	SEER		4,79
	ηs 12/7		189%

Physical data			
Sound levels	Standard unit		
	Sound power level [2]	dB(A)	65
	Sound pressure level [3]	dB(A)	54
Current	Max.	A	20+13.6
Dimensions	Length	mm	1335
	Width	mm	475
	Height	mm	875
	Package	mm	1420*535*1045
Weight (1)	Standard unit	kg	120
	Package	kg	135,5
Compressors	Compressor type	DC Twin-rotary	
	Copressor qty	1	
Refrigerant	Type	R32	
	Charge [1]	kg	1,6
Condenser	Copper	Hydrophilic aluminum foil	
	Fin type	Hydrophilic aluminum foil	
Fans	Fan type	Axial type	
	Fan quantity		1
	Rated total air flow	m³/h	4200
	Rated speed	rpm	860
Evaporator	Type	Brazed plate heat exchanger	
	Water volume	L	1,08
Hydraulic module		Circulator, relief valve, paddle flow switch, expansion tank	
	Circulator	Centrifugal pump (variable speed)	
	Expansion tank volume	L	5
	Auxiliary electrical heater	kW	3
	Max. water-side operating pressure with hydraulic module [4]	kPa	90
Water connections	Inlet diameter (MPT GAS)	inch	1
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Ambient temperature range	Cooling	°C	-5-50
	Heating	°C	-25-43
	DHW	°C	-25-43
Water outlet temperature range	Cooling	°C	5-25
	Heating	°C	25-62
	DHW	°C	40-62

1. Values are guidelines only. Refer to the unit nameplate.
2. Declared dualnumber noise emission values in accordance with ISO 4871 (with an associated uncertainty of +/-2dB(A)). Measured in accordance with ISO 9614-1.
3. Declared dualnumber noise emission values in accordance with EN12102-1 (with an associated uncertainty of +/-2dB(A)). For information, calculated from the sound power level Lw(A).
4. Min. water-side operating pressure with variable speed hydraulic module is 40 kPa.