

Technical Data BA60I-1

Performances		rps				
		55	60	90	120	1] 60
		A7W35	A2W35	A-7W35	A-15W35	12x7/35
Heating Capacity	kW	19,83	15,7	18,0	20,6	22,87
Cooling Capacity	kW	15,89	11,6	11,8	12,4	17,26
Power In	kW	4,24	4,4	6,7	9,0	5,61
COP/EER ^{1]}	-	4,68	3,60	2,68	2,30	3,08
Operating Current	A	9,7	9,9	13,7	17,3	10,2

Compressor

Type	BLDC Inverter	
Speed	15-150	rps
Charge FVC68D oil	1,4	l
LRC***	-	A
Max. Op. Current	35	A

Evaporator

Type	Coil	
Material	Al/Cu	
Heat Transfer Area	84	m ²
Fin Spacing	2,1	mm
Max Overpressure	4,2	Mpa
Air Flow	max.10	m ³ /h
Fan Motor	max. 0,6	kW
Fan Diameter	630	mm
Speed	max.950	1/min
Sound Power Level	66	dB"A"
Defrost	reversal	

Condenser

Type	PHE	
Material	AISI316	
Water Flow	1,13	kg/s
Minimum flow	0,24	kg/s
Temp. Difference	5	K
Water volume	10,9	l
Max. Water Overp.	250	kPa
Max. Ref. Overp.	4,2	MPa
Pump Ext. Head	5,0	m
Pump Motor	310	W

Refrigerant Circuit

Refrigerant	R410a	
Charge	6,9	kg

Aux. Heater

Heating Capacity	7.5(+7.5)	kW
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Controls

Controller	pCO5
EEV	Yes
Water Probe	Yes
SHW Probe	Yes
Outdoor Probe	Yes
Dynamic Set Point	Yes
Refrigerant Probe	2xPT

Power Supply

Voltage	3x400	V
Frequency	50	Hz
Max. Current C (H)	32(50)	A

Connections and Dimensions

Hot Water	1	"OD
He x Wi x De	165x130x101	cm
Weight	275	kg

Limits

Water Overpressure	0,25	MPa
Ref. Overpressure	4,2	MPa
Air Min/Max	-15/+35	°C
Water Min/Max	20/64	°C

*A2W35, acc. to EN14511, condenser dT=5K

"A2" Air Inlet +2°C

"W35" Water Outlet 35°C

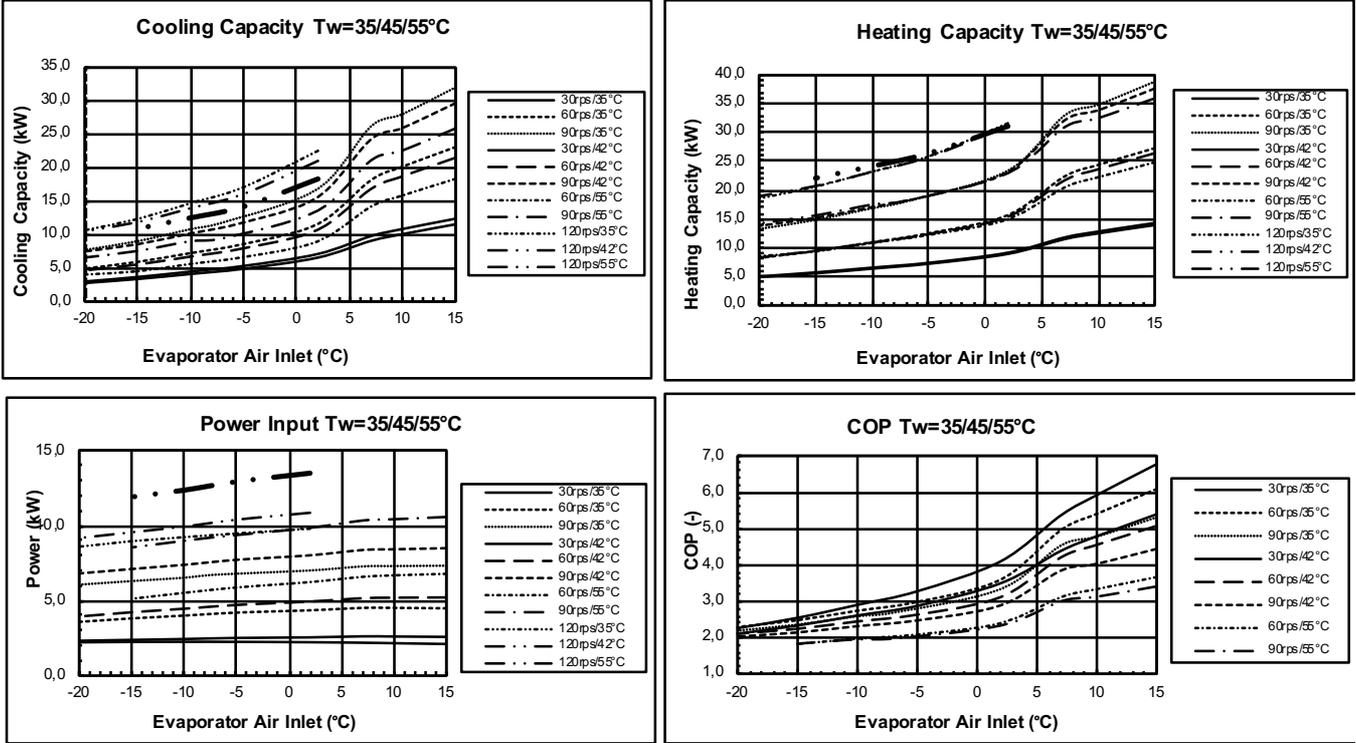
Defrost energy considered.

Performance Tolerance ±5%

1] reversible cooling, nominal 60rps

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Performance *



* Performance Tolerance $\pm 10\%$, defrost energy included

Dimensions, Connections

