

Technical Data BA45IP

Performances	rps	40		80		90		60	
		A7W35	A2W35	A-7W35	A-15W35	A7W55			
Heating Capacity	kW	11,44	9,39	14,61	14,29	15,84			
Cooling Capacity	kW	9,26	7,30	10,24	9,53	11,06			
Power In	kW	2,42	2,32	4,74	5,16	5,08			
COP	-	4,73	4,04	3,08	2,77	3,12			
Operating Current	A	5,0	4,8	9,8	10,7	10,5			

Compressor

Type	BLDC Inverter	
Speed	15-90	1/s
Oil	HAF68D1U 2,0	l
LRC	-	A
Max. Op. Current	24	A

Evaporator

Type	Coil	
Material	Al/Cu	
Heat Transfer Area	42	m ²
Fin Spacing	2	mm
Max Overpressure	3	Mpa
Air Flow	max.8000	m ³ /h
Fan Motor	max. 0,2	kW
Fan Diameter	2x450	mm
Speed	max.700	1/min
Sound Power Level	60	dB"A"
Defrost	reversal	

Condenser

Type	PHE	
Material	AISI316	
Water Flow	0,55	kg/s
Minimum flow	0,27	kg/s
Temp. Difference	5	K
Water volume	7,0	l
Max. Water Overp.	250	kPa
Max. Ref. Overp.	3	MPa
Pump Ext. Head	6,0	m
Pump Motor	130	W

Refrigerant Circuit

Refrigerant	R290	
Charge	1,55	kg
PHE leak protection**	35% Propylene Glycol	
R290 leakage sensor	Yes	

** IEC 60335-2-40:2022, OBLIGATORY USE

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	1x230 or 3x400 V	
Frequency	50	Hz
Max. Current C (H)	25(32) A	

Connections and Dimensions

Hot Water	1	"OD
He x Wi x De	150x130x53 cm	
Weight	185	kg

Limits

Water Overpressure	0,25	MPa
Ref. Overpressure	2,9	MPa
Air Min/Max	-20/+35	°C
Water Min/Max	20/65	°C

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

"A2" Air Inlet +2°C

"W35" Water Outlet 35°C

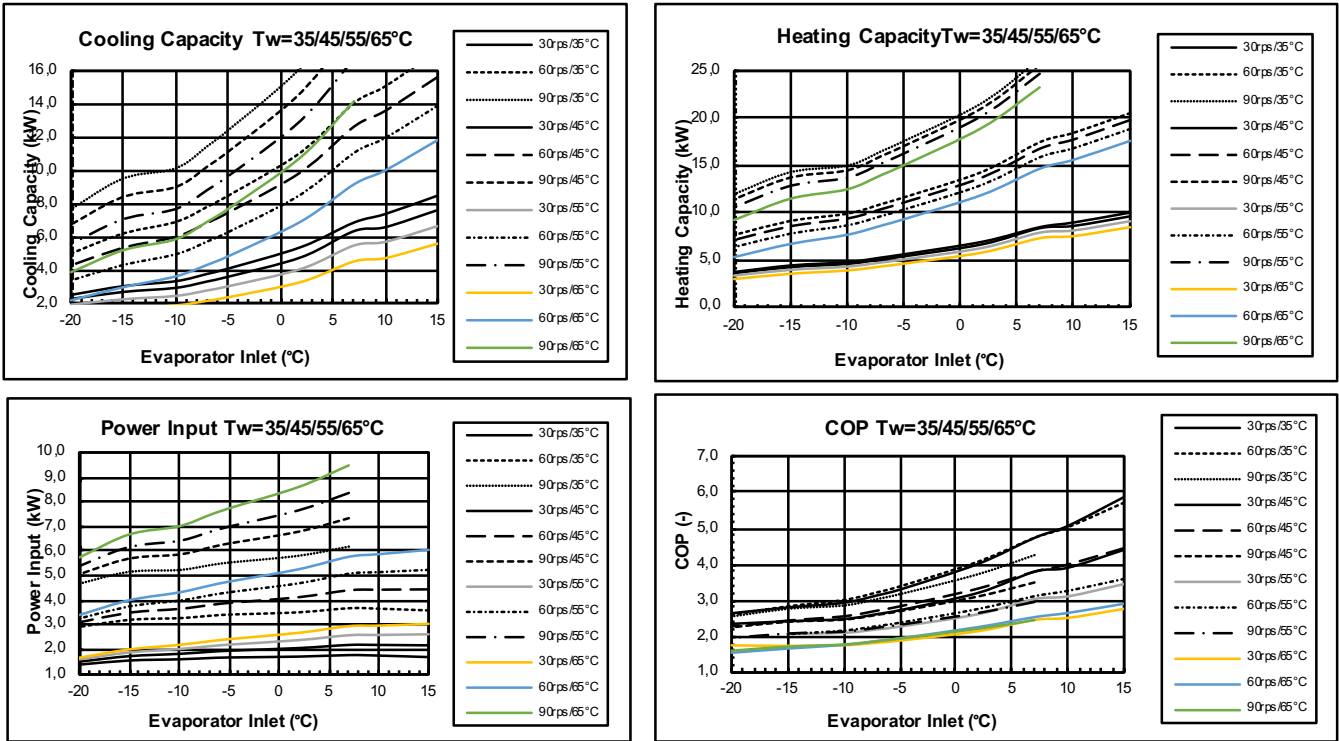
Defrost energy considered.

Performance Tolerance EN14511

Ecodesign	35°C	55°C
Pdesign	14,96	13,62 kW
SCOP	4,74	3,61 -
ETAs	187	141 %
Rating	A+++	A++

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Performance *



* Performance Tolerance $\pm 5\%$, defrost energy included

Dimensions, Connections

