

Technical Data BA45IP

Performances	rps	40	40	80	90	60
		A7W35	A2W35	A-7W35	A-15W35	A7W55
Heating Capacity	kW	11,65	8,99	13,47	11,96	16,46
Cooling Capacity	kW	9,54	6,95	8,69	7,00	11,64
Power In	kW	2,35	2,28	5,21	5,46	5,12
COP	-	4,96	3,95	2,58	2,19	3,21
Operating Current	A	4,9	4,7	10,8	11,3	10,6

Compressor

Type	BLDC Inverter		
Speed	15-100	1/s	
Oil	PZ68S	1	l
LRC	-	A	
Max. Op. Current	21	A	

Evaporator

Type	Coil		
Material	Al/Cu		
Heat Transfer Area	42	m ²	
Fin Spacing	2	mm	
Max Overpressure	4,2	Mpa	
Air Flow	max.6000	m ³ /h	
Fan Motor	max. 0,2	kW	
Fan Diameter	2x450	mm	
Speed	max.700	1/min	
Sound Power Level	62	dB"A"	
Defrost	reversal		

Condenser

Type	PHE		
Material	AISI316		
Water Flow	0,56	kg/s	
Minimum flow	0,28	kg/s	
Temp. Difference	5	K	
Water volume	7,0	l	
Max. Water Overp.	250	kPa	
Max. Ref. Overp.	4,2	MPa	
Pump Ext. Head	6,0	m	
Pump Motor	130	W	

Refrigerant Circuit

Refrigerant	R290		
Charge	1,4	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	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	165	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.

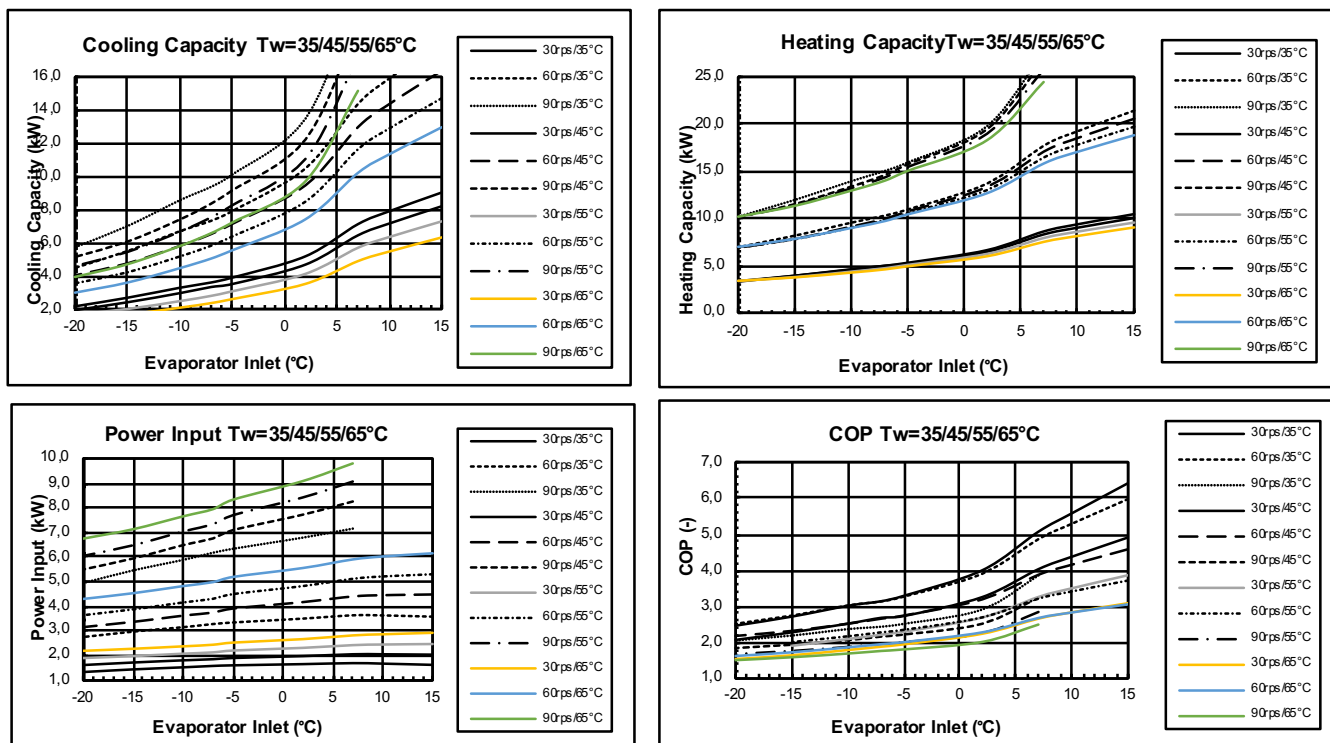
Performance Tolerance EN14511

Ecodesign	35°C	55°C
Pdesign	13,95	13,55 kW
SCOP	4,54	3,54 -
ETAs	179	139 %
Rating	A+++	A++

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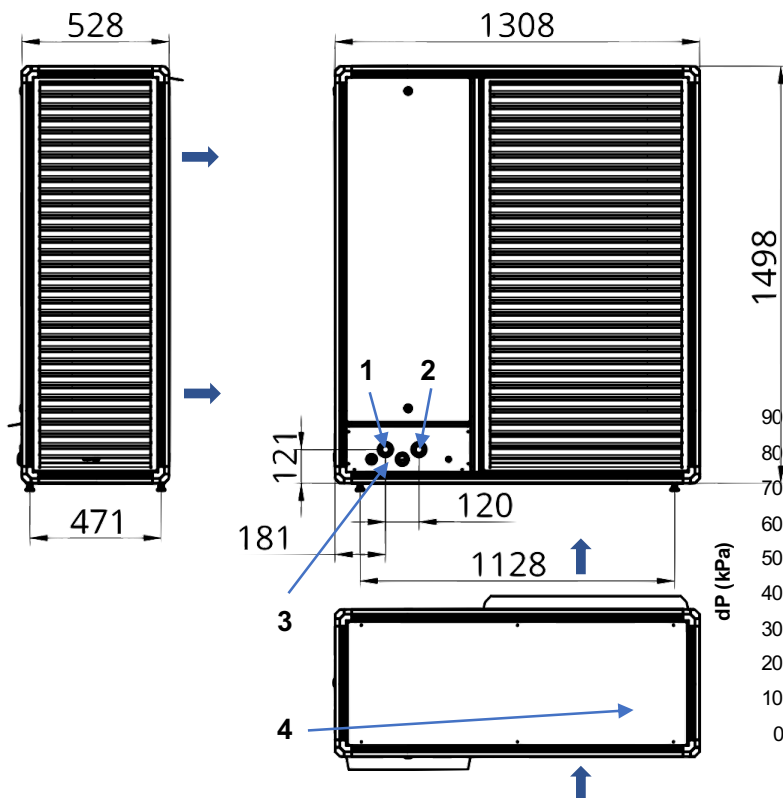
BA45IP

Performance *



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

Dimensions, Connections



1. heating outlet 1" OD
2. heating inlet 1" OD
3. electrical cables bushing
1xPG21
1xPG29
4. draining outlet flex.40mm

