

## Technical Data BA60IP

Performances	rps	60		90		120	
		A7W35	A2W35	A-7W35	A-15W35	A7W55	
Heating Capacity	kW	18,50	14,34	17,56	21,29	16,67	
Cooling Capacity	kW	15,12	11,12	12,42	13,95	11,89	
Power In	kW	3,68	3,52	5,54	8,04	5,08	
COP	-	5,02	4,08	3,17	2,65	3,28	
Operating Current	A	7,6	7,3	11,5	16,6	10,5	

### Compressor

Type	BLDC Inverter		
Speed	15-120	1/s	
Oil	HAF68D1U 2	l	
LRC	-	A	
Max. Op. Current	24	A	

### Evaporator

Type	Coil		
Material	Al/Cu		
Heat Transfer Area	84	m <sup>2</sup>	
Fin Spacing	2	mm	
Max Overpressure	3	Mpa	
Air Flow	max.10000	m <sup>3</sup> /h	
Fan Motor	max. 0,35	kW	
Fan Diameter	630	mm	
Speed	max.900	1/min	
Sound Power Level	62	dB"A"	
Defrost	reversal		

### Condenser

Type	PHE		
Material	AISI316		
Water Flow	0,89	kg/s	
Minimum flow	0,44	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	310	W	

### Refrigerant Circuit

Refrigerant	R290		
Charge	2,5	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	3x400	V
Frequency	50	Hz
Max. Current C (H)	25(32)	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	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

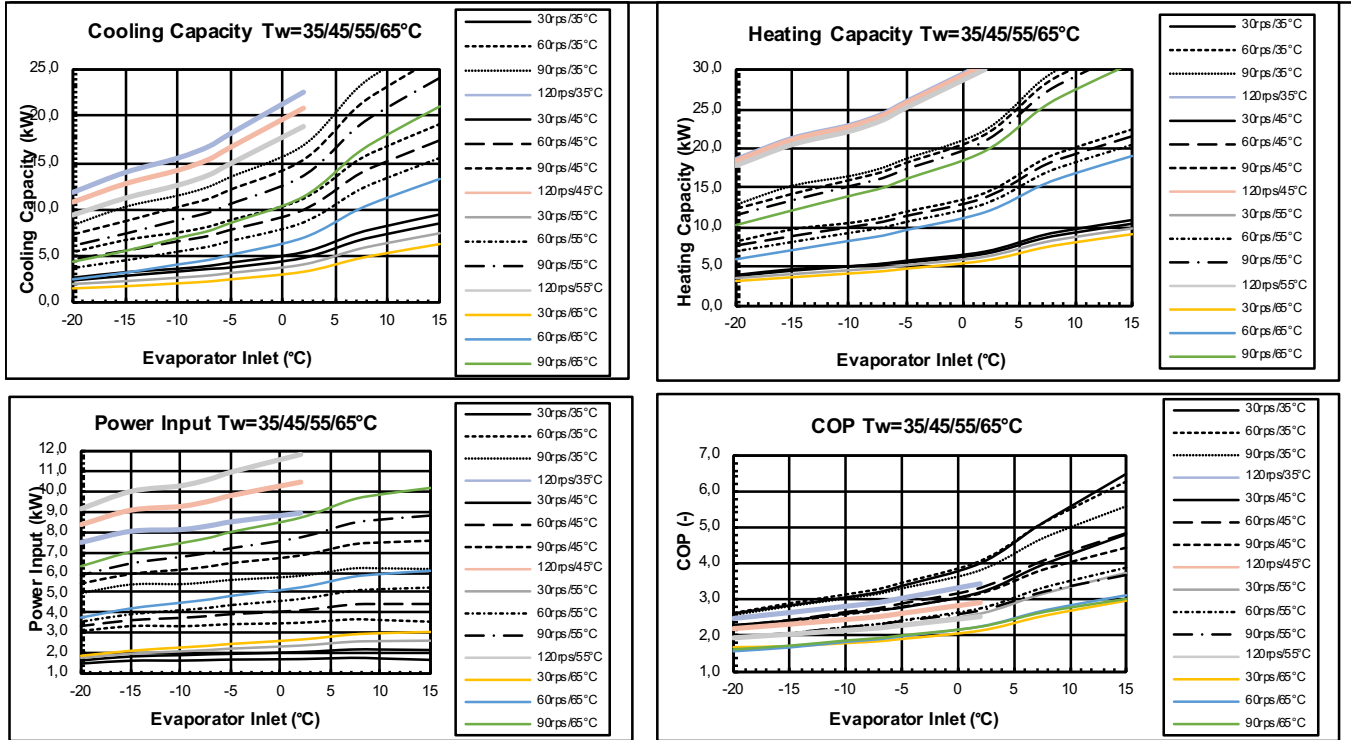
Defrost energy considered.

Performance Tolerance EN14511

Ecodesign	35°C	55°C
Pdesign	21,54	20,28 kW
SCOP	4,89	3,73 -
ETAs	193	146 %
Rating	A+++	A++

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### Performance \*



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

### Dimensions, Connections

