

Technical Data BA37IP

Performances	rps	40		80		90	
		A7W35	A2W35	A-7W35	A-15W35	A7W55	
Heating Capacity	kW	9,66	8,19	11,43	10,97	8,88	
Cooling Capacity	kW	7,98	6,43	7,50	6,93	6,53	
Power In	kW	1,89	1,97	4,22	4,34	2,57	
COP	-	5,10	4,15	2,71	2,53	3,45	
Operating Current	A	3,0	3,1	6,7	6,9	4,1	

Compressor

Type	BLDC Inverter		
Speed	15-100	1/s	
Oil	PZ68S	0,9	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	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	55	dB"A"	
Defrost	reversal		

Condenser

Type	PHE		
Material	AISI316		
Water Flow	0,46	kg/s	
Minimum flow	0,23	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	3x400 V
Frequency	50 Hz
Max. Current C (H)	20(25) 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

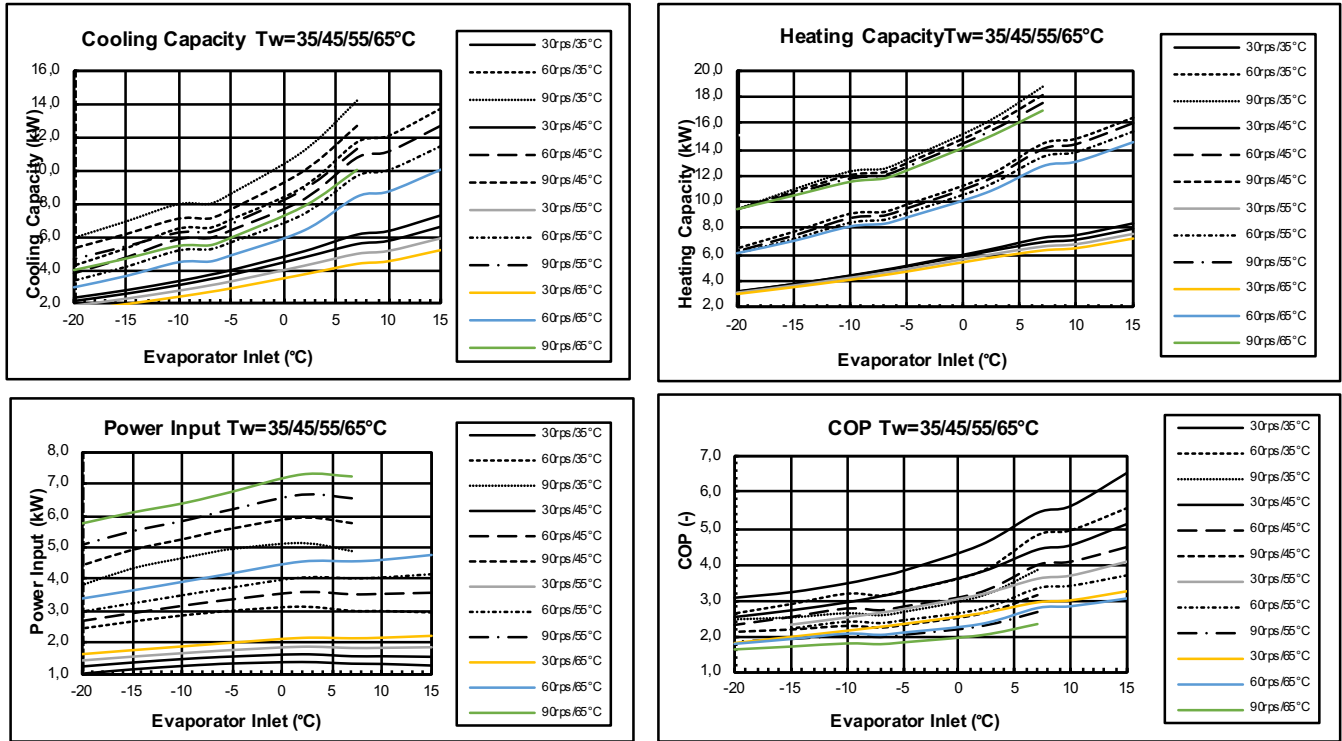
Defrost energy considered.

Performance Tolerance EN14511

Ecodesign	35°C	55°C
Pdesign	11,50	10,85 kW
SCOP	4,93	3,93 -
ETAs	194	154 %
Rating	A+++	A+++

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Performance *



* Performance Tolerance ±5%, defrost energy included

Dimensions, Connections

