

Technical Data

BA37IP

Performances	rps	40	40	80	90	60
		A7W35	A2W35	A-7W35	A-15W35	A7W55
Heating Capacity	kW	9,87	7,65	10,51	9,20	13,81
Cooling Capacity	kW	7,98	5,83	6,45	5,02	9,68
Power In	kW	2,12	2,06	4,50	4,68	4,43
COP	-	4,65	3,72	2,34	1,97	3,12
Operating Current	A	10,1	9,8	21,5	22,4	21,2

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	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	0,47	kg/s	
Minimum flow	0,24	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	1,2	kg	

Aux. Heater

Heating Capacity	7,5(+7,5)	kW
------------------	-----------	----

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)	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.

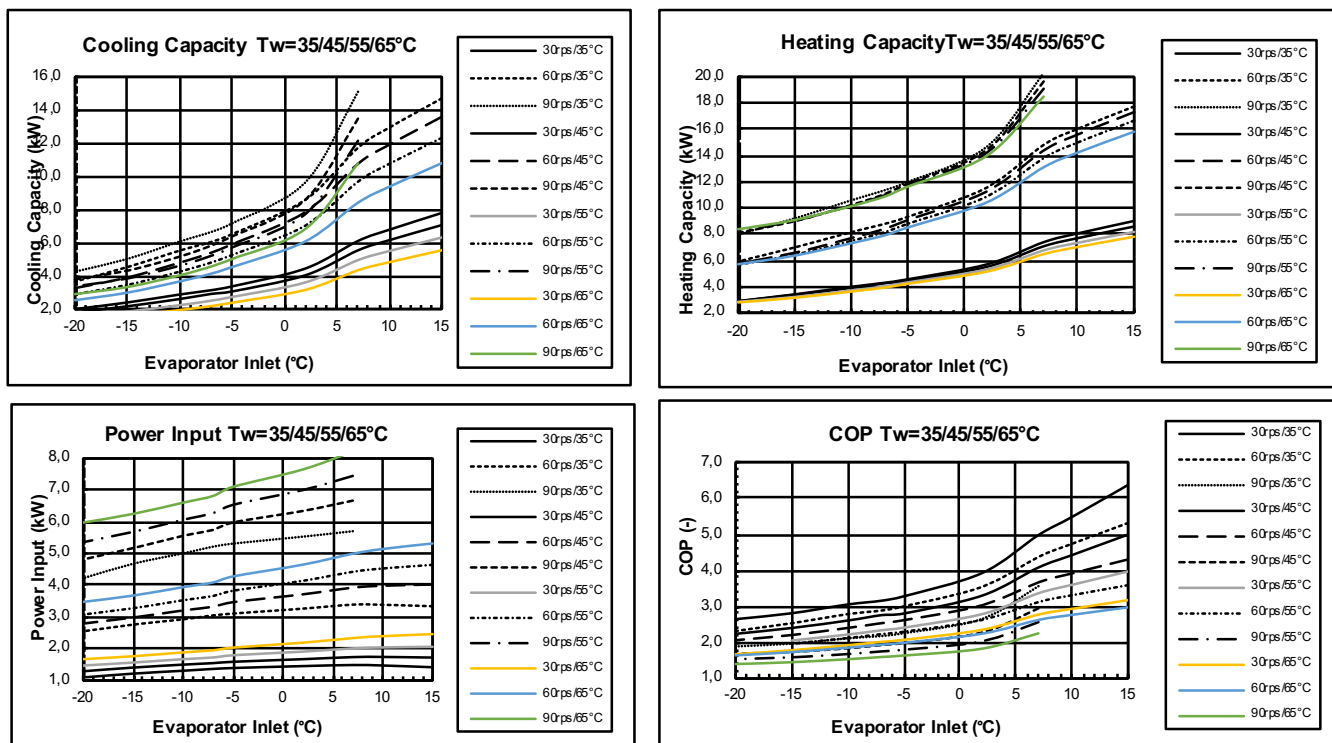
Performance Tolerance EN14511

Ecodesign	35°C	55°C
Pdesign	10,58	10,45 kW
SCOP	4,37	3,50 -
ETAs	172	137 %
Rating	A++	A++

Technical Data

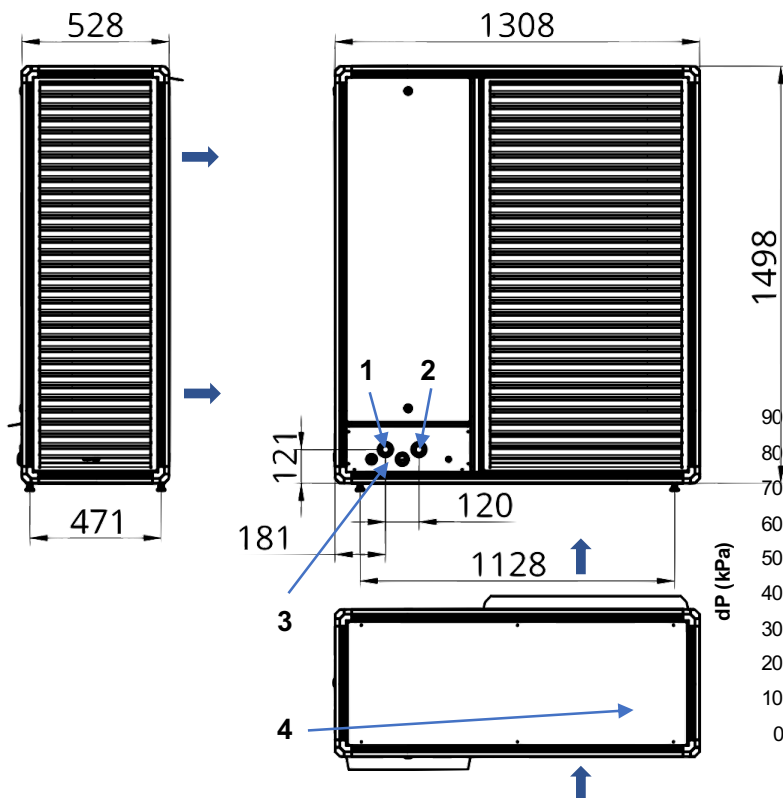
BA37IP

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

