

## Technical Data BA45I

### Performances\*\*

		A10W35*	A7W35*	A2W35*	A-7W35**	A-15W35*
Heating Capacity	kW	16.3	15.3	10.6	11.1	9.8
Cooling Capacity	kW	13.4	12.4	7.8	7.3	5.5
Power In	kW	3.2	3.2	3.0	4.0	4.5
COP	-	5.03	4.73	3.49	2.75	2.16
Operating Current	A	8.1	8.1	7.8	9.4	10.2

### Compressor

Type	BLDC Inverter	
Speed	30-90 1/min	
Charge POE oil	1.3	l
LRC***	-	A
Max. Op. Current	22	A

### Evaporator

Type	Coil	
Material	Al/Cu	
Heat Transfer Area	42	m <sup>2</sup>
Fin Spacing	2	mm
Max Overpressure	4.2	Mpa
Air Flow	max.8000	m <sup>3</sup> /h
Fan Motor	max. 0,3	kW
Fan Diameter	630	mm
Speed	max.900	1/min
Sound Power Level	67	dB"A"
Defrost	reversal	
Sound pressure level - 1/5/10 m	56/44/38	dB"A"****

### Condenser

Type	PHE	
Material	AISI316	
Water Flow	0.78	kg/s
Minimum flow	0.24	kg/s
Temp. Difference	5	K
Water volume	10.9	l
Max. Water Overp.	250	kPa
Max. Ref. Overp.	4.2	MPa
Pump Ext. Head	3.5	m
Pump Motor	290	W

### Refrigerant Circuit

Refrigerant	R410a	
Charge	3.4	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	3x400	V
Frequency	50	Hz
Max. Current C (H)	20(32)	A

### Connections and Dimensions

Hot Water	1	"OD
He x Wi x De	165x130x53	cm
Weight	165	kg

### Limits

Water Overpressure	0.25	MPa
Ref. Overpressure	4.2	MPa
Air Min/Max	-15/+30	°C
Water Min/Max	20/60	°C

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

"A2" Air Inlet +2°C

"W35" Water Outlet 35°C

Defrost energy considered.

Performance Tolerance ±5%

\* at 60rps

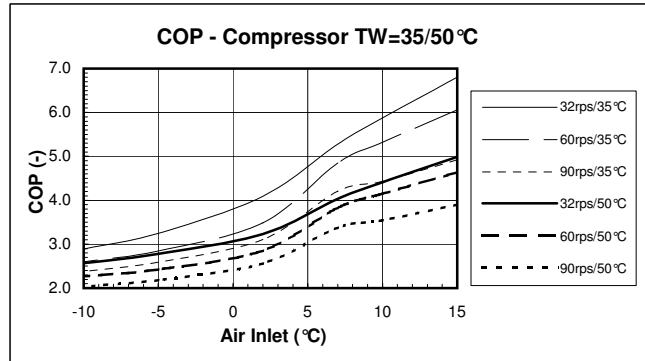
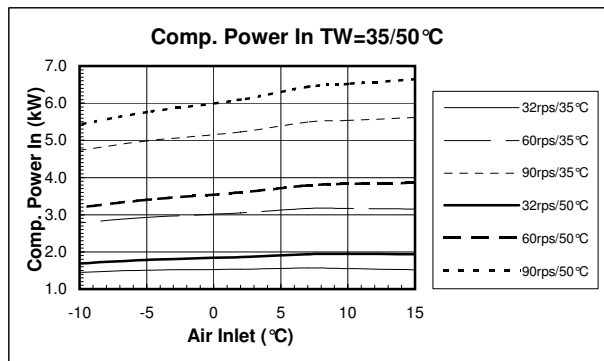
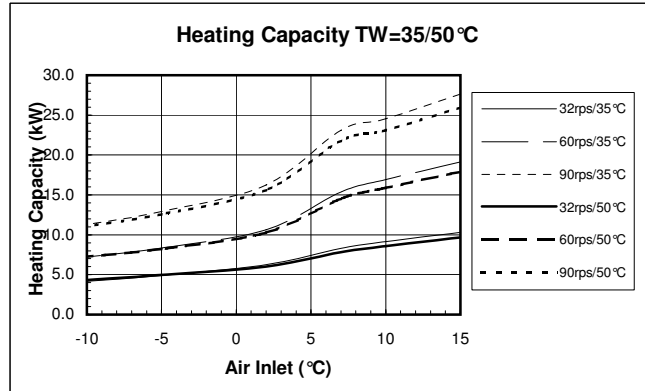
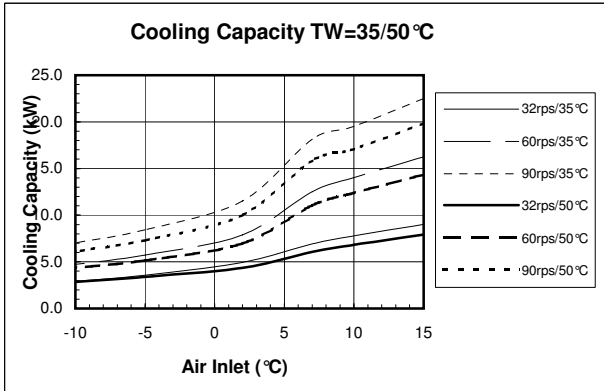
\*\*\* at 90rps

\*\* at 80rps

\*\*\*\* Noise in the open air 1 m above the ground

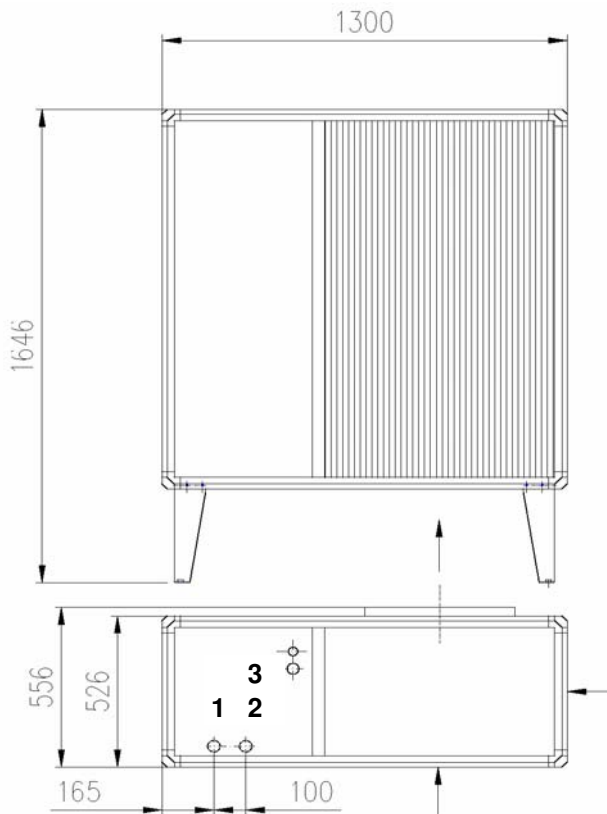
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### Performance \*



\* Performance Tolerance  $\pm 10\%$ , defrost energy not included

### Dimensions, Connections



1. Water Outlet 1" OD
2. Water Inlet 1" OD
3. Electrical Bushings  
1xPG21  
1xPG29

