

Technical Data BA75Z

Performances

		A10W35	A7W35	A2W35	A-7W35	A-15W35
Heating Capacity	kW	36.21	30.29	23.21	18.54	15.82
Cooling Capacity	kW	29.51	23.38	16.52	12.08	9.56
Power In	kW	7.30	7.50	7.29	7.04	6.83
COP	-	4.96	4.04	3.18	2.63	2.32
Operating Current	A	15.1	15.5	15.1	14.6	14.1

Compressor

Type	Scroll Sanyo	
Speed	2900	1/min
Charge POE oil	2.8	l
LRC***	96	A
Max. Op. Current	26.7	A

Evaporator

Type	Coil	
Material	Al/Cu	
Heat Transfer Area	84	m ²
Fin Spacing	2	mm
Max Overpressure	4.2	Mpa
Air Flow	6000	m ³ /h
Fan Motor	0.3	kW
Fan Diameter	630	mm
Speed	650	1/min
Sound Power Level	69	dB"A"
Defrost	reversal	

Condenser

Type	PHE	
Material	AISI316	
Water Flow	1.45	kg/s
Minimum flow	0.87	kg/s
Temp. Difference	5	K
Water volume	12.0	l
Max. Water Overp.	0.25	kPa
Max. Ref. Overp.	4.2	MPa
Pump Ext. Head	3.0	m
Pump Motor	310	W

Refrigerant Circuit

Refrigerant	R407c	
Charge	6.0	kg

Aux. Heater - Optional

Heating Capacity	2x7.5	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 (40)	A

Connections and Dimensions

Hot Water	1	"OD
He x Wi x De Out	165x130x101 cm	
Weight Out/In	275	kg

Limits

Water Overpressure	0.25	MPa
Ref. Overpressure	2.9	MPa
Air Min/Max	-15/+30	°C
Water Min/Max	20/55	°C

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

"A2" Air Inlet +2°C

"W35" Water Outlet 35°C

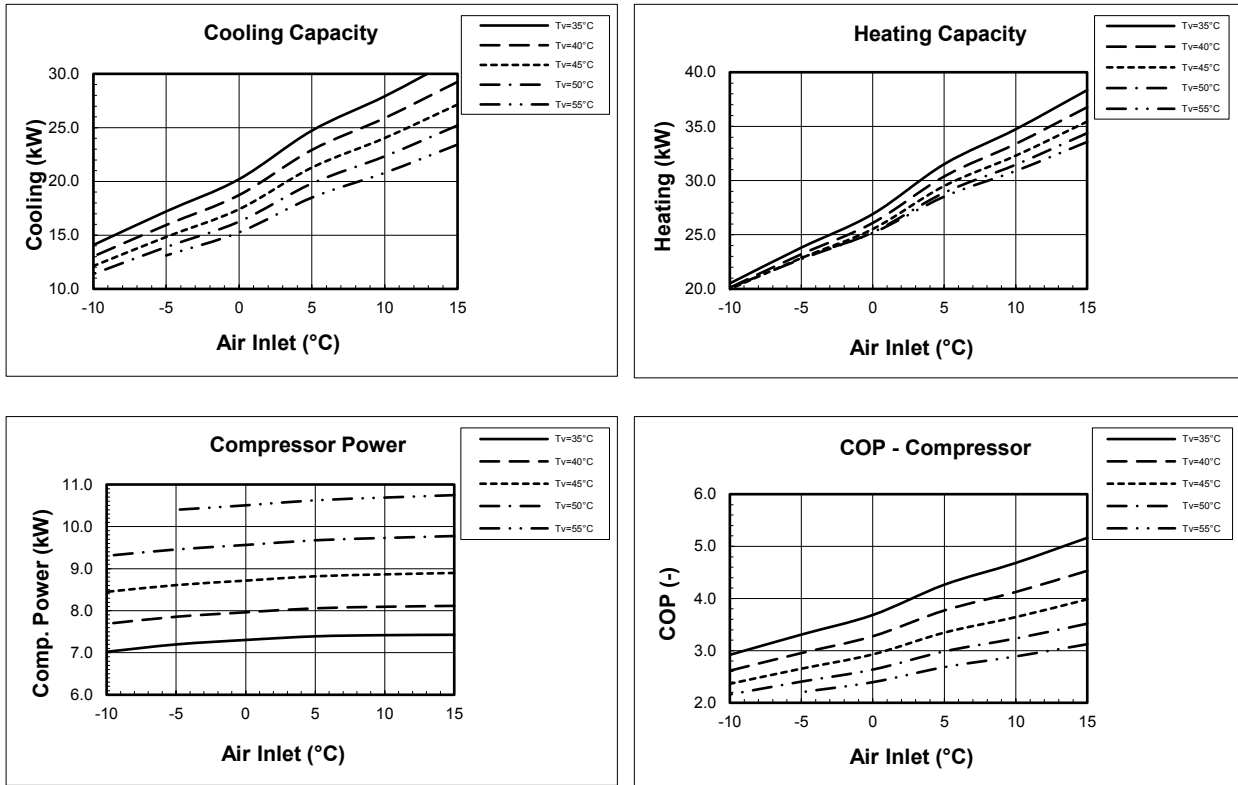
Defrost energy considered.

Performance Tolerance EN14511

*** Locked Rotor Current

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Performance *



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

Dimensions, Connections

