

SEPR-Report EN 13215:2016 E

Model: Z9-4MA-22X

Refrigerant: R448A Arith. Mean Temp.

S.I.

Item	Symbol	Value (MT)	Unit
Evaporating Temperature	t	-10	°C
Annual Electricity Consumption	E	59254	kWh/a
Seasonal Energy Performance Ratio	SEPR	3.77	
Parameters at full load and ambient temperature 32 °C, Subcooling 0.0 K			
Rated Cooling Capacity	Q _A	36.33	kW
Rated Power Input	P _A	14.07	kW
Rated COP	COP _A	2.58	
Parameters at full load and ambient temperature 25 °C, Subcooling 0.0 K			
Declared Cooling Capacity	Q _B	40.12	kW
Declared Power Input	P _B	13.04	kW
Declared COP	COP _B	3.08	
Parameters at full load and ambient temperature 15 °C, Subcooling 0.0 K			
Declared Cooling Capacity	Q _C	45.76	kW
Declared Power Input	P _C	11.45	kW
Declared COP	COP _C	4.00	
Parameters at full load and ambient temperature 5 °C, Subcooling 0.0 K			
Declared Cooling Capacity	Q _D	51.68	kW
Declared Power Input	P _D	9.76	kW
Declared COP	COP _D	5.29	
Parameters at full load and ambient temperature 43 °C, Subcooling 0.0 K			
Declared Cooling Capacity	Q ₃	30.63	kW
Declared Power Input	P ₃	15.52	kW
Declared COP	COP ₃	1.97	
Other Items			
Capacity Control		Fixed	
Degradation Coefficient	Cds	0.25	
Unit suction line temperature	t11	20.00	°C
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