

SEPR-Report EN 13215:2016 E

Model: Z9-4MA-22X

Refrigerant: R407C Arith. Mean Temp.

S.I.

Item	Symbol	Value (MT)	Unit
Evaporating Temperature	t	-10	°C
Annual Electricity Consumption	E	55840	kWh/a
Seasonal Energy Performance Ratio	SEPR	3.65	
Parameters at full load and ambient temperature 32 °C, Subcooling 0.0 K			
Rated Cooling Capacity	Q _A	33.14	kW
Rated Power Input	P _A	13.33	kW
Rated COP	COP _A	2.49	
Parameters at full load and ambient temperature 25 °C, Subcooling 0.0 K			
Declared Cooling Capacity	Q _B	36.34	kW
Declared Power Input	P _B	12.27	kW
Declared COP	COP _B	2.96	
Parameters at full load and ambient temperature 15 °C, Subcooling 0.0 K			
Declared Cooling Capacity	Q _C	40.76	kW
Declared Power Input	P _C	10.58	kW
Declared COP	COP _C	3.85	
Parameters at full load and ambient temperature 5 °C, Subcooling 0.0 K			
Declared Cooling Capacity	Q _D	44.98	kW
Declared Power Input	P _D	8.82	kW
Declared COP	COP _D	5.10	
Parameters at full load and ambient temperature 43 °C, Subcooling 0.0 K			
Declared Cooling Capacity	Q ₃	27.97	kW
Declared Power Input	P ₃	14.71	kW
Declared COP	COP ₃	1.90	
Other Items			
Capacity Control		Fixed	
Degradation Coefficient	Cds	0.25	
Unit suction line temperature	t11	20.00	°C
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