

SEPR-Report EN 13215:2016 E

Model: MC-H8-ZF13KE-TFD

Refrigerant: R407A Arith. Mean Temp.

S.I.

Item	Symbol	Value (LT)	Unit
Evaporating Temperature	t	-35	°C
Annual Electricity Consumption	E	10622	kWh/a
Seasonal Energy Performance Ratio	SEPR	1.72	
Parameters at full load and ambient temperature 32 °C, Subcooling 0.0 K			
Rated Cooling Capacity	Q _A	2.45	kW
Rated Power Input	P _A	2.50	kW
Rated COP	COP _A	0.98	
Parameters at full load and ambient temperature 25 °C, Subcooling 0.0 K			
Declared Cooling Capacity	Q _B	2.67	kW
Declared Power Input	P _B	2.13	kW
Declared COP	COP _B	1.26	
Parameters at full load and ambient temperature 15 °C, Subcooling 0.0 K			
Declared Cooling Capacity	Q _C	2.97	kW
Declared Power Input	P _C	1.69	kW
Declared COP	COP _C	1.76	
Parameters at full load and ambient temperature 6 °C, Subcooling 0.0 K			
Declared Cooling Capacity	Q _D	3.23	kW
Declared Power Input	P _D	1.37	kW
Declared COP	COP _D	2.35	
Parameters at full load and ambient temperature 43 °C, Subcooling 0.0 K			
Declared Cooling Capacity	Q ₃	2.10	kW
Declared Power Input	P ₃	3.23	kW
Declared COP	COP ₃	0.65	
Other Items			
Capacity Control		Fixed	
Degradation Coefficient	Cds	0.25	
Unit suction line temperature	t11	20.00	°C
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