

SEPR-Report EN 13215:2016 E

Model: MC-M8-ZF18KE-TFD

Refrigerant: R404A Arith. Mean Temp.

S.I.

Item	Symbol	Value (LT)	Unit
Evaporating Temperature	t	-35	°C
Annual Electricity Consumption	E	17720	kWh/a
Seasonal Energy Performance Ratio	SEPR	1.65	
Parameters at full load and ambient temperature 32 °C, Subcooling 0.0 K			
Rated Cooling Capacity	Q _A	3.93	kW
Rated Power Input	P _A	4.05	kW
Rated COP	COP _A	0.97	
Parameters at full load and ambient temperature 25 °C, Subcooling 0.0 K			
Declared Cooling Capacity	Q _B	4.40	kW
Declared Power Input	P _B	3.43	kW
Declared COP	COP _B	1.28	
Parameters at full load and ambient temperature 15 °C, Subcooling 0.0 K			
Declared Cooling Capacity	Q _C	4.97	kW
Declared Power Input	P _C	2.86	kW
Declared COP	COP _C	1.74	
Parameters at full load and ambient temperature 5 °C, Subcooling 0.0 K			
Declared Cooling Capacity	Q _D	5.47	kW
Declared Power Input	P _D	2.52	kW
Declared COP	COP _D	2.17	
Parameters at full load and ambient temperature 43 °C, Subcooling 0.0 K			
Declared Cooling Capacity	Q ₃	3.01	kW
Declared Power Input	P ₃	5.57	kW
Declared COP	COP ₃	0.54	
Other Items			
Capacity Control		Fixed	
Degradation Coefficient	Cds	0.25	
Unit suction line temperature	t11	20.00	°C
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