

SEPR-Report EN 13215:2016 E

Model: MC-M8-ZF13KE-TFD

Refrigerant: R407A Arith. Mean Temp.

S.I.

Item	Symbol	Value (LT)	Unit
Evaporating Temperature	t	-35	°C
Annual Electricity Consumption	E	10432	kWh/a
Seasonal Energy Performance Ratio	SEPR	1.79	
Parameters at full load and ambient temperature 32 °C, Subcooling 0.0 K			
Rated Cooling Capacity	Q _A	2.50	kW
Rated Power Input	P _A	2.41	kW
Rated COP	COP _A	1.04	
Parameters at full load and ambient temperature 25 °C, Subcooling 0.0 K			
Declared Cooling Capacity	Q _B	2.72	kW
Declared Power Input	P _B	2.05	kW
Declared COP	COP _B	1.32	
Parameters at full load and ambient temperature 15 °C, Subcooling 0.0 K			
Declared Cooling Capacity	Q _C	3.01	kW
Declared Power Input	P _C	1.63	kW
Declared COP	COP _C	1.85	
Parameters at full load and ambient temperature 7 °C, Subcooling 0.0 K			
Declared Cooling Capacity	Q _D	3.25	kW
Declared Power Input	P _D	1.36	kW
Declared COP	COP _D	2.39	
Parameters at full load and ambient temperature 43 °C, Subcooling 0.0 K			
Declared Cooling Capacity	Q ₃	2.15	kW
Declared Power Input	P ₃	3.11	kW
Declared COP	COP ₃	0.69	
Other Items			
Capacity Control		Fixed	
Degradation Coefficient	Cds	0.25	
Unit suction line temperature	t11	20.00	°C
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