

SEPR-Report EN 13215:2016 E

Model: MC-S9-ZF34K5-TFD

Refrigerant: R407F Arith. Mean Temp.

S.I.

Item	Symbol	Value (LT)	Unit
Evaporating Temperature	t	-35	°C
Annual Electricity Consumption	E	29182	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	6.75	kW
Rated Power Input	P _A	6.12	kW
Rated COP	COP _A	1.10	
Parameters at full load and ambient temperature 25 °C, Subcooling 0.0 K			
Declared Cooling Capacity	Q _B	7.42	kW
Declared Power Input	P _B	5.35	kW
Declared COP	COP _B	1.39	
Parameters at full load and ambient temperature 15 °C, Subcooling 0.0 K			
Declared Cooling Capacity	Q _C	8.38	kW
Declared Power Input	P _C	4.59	kW
Declared COP	COP _C	1.82	
Parameters at full load and ambient temperature 5 °C, Subcooling 0.0 K			
Declared Cooling Capacity	Q _D	9.35	kW
Declared Power Input	P _D	4.25	kW
Declared COP	COP _D	2.20	
Parameters at full load and ambient temperature 43 °C, Subcooling 0.0 K			
Declared Cooling Capacity	Q ₃	5.65	kW
Declared Power Input	P ₃	7.70	kW
Declared COP	COP ₃	0.73	
Other Items			
Capacity Control		Fixed	
Degradation Coefficient	Cds	0.25	
Unit suction line temperature	t11	20.00	°C
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