

SEPR-Report EN 13215:2016 E

Model: MC-S9-ZF18KE-TFD

Refrigerant: R449A Arith. Mean Temp.

S.I.

Item	Symbol	Value (LT)	Unit
Evaporating Temperature	t	-35	°C
Annual Electricity Consumption	E	17561	kWh/a
Seasonal Energy Performance Ratio	SEPR	1.75	
Parameters at full load and ambient temperature 32 °C, Subcooling 0.0 K			
Rated Cooling Capacity	Q _A	4.13	kW
Rated Power Input	P _A	3.76	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	4.50	kW
Declared Power Input	P _B	3.16	kW
Declared COP	COP _B	1.42	
Parameters at full load and ambient temperature 15 °C, Subcooling 0.0 K			
Declared Cooling Capacity	Q _C	4.96	kW
Declared Power Input	P _C	2.67	kW
Declared COP	COP _C	1.85	
Parameters at full load and ambient temperature 5 °C, Subcooling 0.0 K			
Declared Cooling Capacity	Q _D	5.36	kW
Declared Power Input	P _D	2.45	kW
Declared COP	COP _D	2.19	
Parameters at full load and ambient temperature 43 °C, Subcooling 0.0 K			
Declared Cooling Capacity	Q ₃	3.42	kW
Declared Power Input	P ₃	5.38	kW
Declared COP	COP ₃	0.64	
Other Items			
Capacity Control		Fixed	
Degradation Coefficient	Cds	0.25	
Unit suction line temperature	t11	20.00	°C
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