

SEPR-Report EN 13215:2016 E

Model: MC-M8-ZB45KE-TFD

Refrigerant: R513A Dew Point

S.I.

Item	Symbol	Value (MT)	Unit
Evaporating Temperature	t	-10	°C
Annual Electricity Consumption	E	11649	kWh/a
Seasonal Energy Performance Ratio	SEPR	3.40	
Parameters at full load and ambient temperature 32 °C, Subcooling 0.0 K			
Rated Cooling Capacity	Q _A	6.45	kW
Rated Power Input	P _A	3.07	kW
Rated COP	COP _A	2.10	
Parameters at full load and ambient temperature 25 °C, Subcooling 0.0 K			
Declared Cooling Capacity	Q _B	7.08	kW
Declared Power Input	P _B	2.68	kW
Declared COP	COP _B	2.65	
Parameters at full load and ambient temperature 15 °C, Subcooling 0.0 K			
Declared Cooling Capacity	Q _C	7.95	kW
Declared Power Input	P _C	2.19	kW
Declared COP	COP _C	3.62	
Parameters at full load and ambient temperature 5 °C, Subcooling 0.0 K			
Declared Cooling Capacity	Q _D	8.75	kW
Declared Power Input	P _D	1.80	kW
Declared COP	COP _D	4.86	
Parameters at full load and ambient temperature 43 °C, Subcooling 0.0 K			
Declared Cooling Capacity	Q ₃	5.41	kW
Declared Power Input	P ₃	3.78	kW
Declared COP	COP ₃	1.43	
Other Items			
Capacity Control		Fixed	
Degradation Coefficient	Cds	0.25	
Unit suction line temperature	t11	20.00	°C
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