

SEPR-Report EN 13215:2016 E

Model: MC-M9-ZB45KE-TFD

Refrigerant: R513A Dew Point

S.I.

Item	Symbol	Value (MT)	Unit
Evaporating Temperature	t	-10	°C
Annual Electricity Consumption	E	12084	kWh/a
Seasonal Energy Performance Ratio	SEPR	3.38	
Parameters at full load and ambient temperature 32 °C, Subcooling 0.0 K			
Rated Cooling Capacity	Q _A	6.65	kW
Rated Power Input	P _A	3.10	kW
Rated COP	COP _A	2.15	
Parameters at full load and ambient temperature 25 °C, Subcooling 0.0 K			
Declared Cooling Capacity	Q _B	7.29	kW
Declared Power Input	P _B	2.72	kW
Declared COP	COP _B	2.68	
Parameters at full load and ambient temperature 15 °C, Subcooling 0.0 K			
Declared Cooling Capacity	Q _C	8.15	kW
Declared Power Input	P _C	2.26	kW
Declared COP	COP _C	3.61	
Parameters at full load and ambient temperature 5 °C, Subcooling 0.0 K			
Declared Cooling Capacity	Q _D	8.95	kW
Declared Power Input	P _D	1.88	kW
Declared COP	COP _D	4.76	
Parameters at full load and ambient temperature 43 °C, Subcooling 0.0 K			
Declared Cooling Capacity	Q ₃	5.61	kW
Declared Power Input	P ₃	3.79	kW
Declared COP	COP ₃	1.48	
Other Items			
Capacity Control		Fixed	
Degradation Coefficient	Cds	0.25	
Unit suction line temperature	t11	20.00	°C
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