

SEPR-Report EN 13215:2016 E

Model: MC-R7-ZB50KE-TFD

Refrigerant: R450A Arith. Mean Temp.

S.I.

Item	Symbol	Value (MT)	Unit
Evaporating Temperature	t	-10	°C
Annual Electricity Consumption	E	11579	kWh/a
Seasonal Energy Performance Ratio	SEPR	3.58	
Parameters at full load and ambient temperature 32 °C, Subcooling 0.0 K			
Rated Cooling Capacity	Q _A	6.74	kW
Rated Power Input	P _A	2.80	kW
Rated COP	COP _A	2.41	
Parameters at full load and ambient temperature 25 °C, Subcooling 0.0 K			
Declared Cooling Capacity	Q _B	7.31	kW
Declared Power Input	P _B	2.47	kW
Declared COP	COP _B	2.97	
Parameters at full load and ambient temperature 15 °C, Subcooling 0.0 K			
Declared Cooling Capacity	Q _C	8.02	kW
Declared Power Input	P _C	2.09	kW
Declared COP	COP _C	3.84	
Parameters at full load and ambient temperature 5 °C, Subcooling 0.0 K			
Declared Cooling Capacity	Q _D	8.59	kW
Declared Power Input	P _D	1.79	kW
Declared COP	COP _D	4.80	
Parameters at full load and ambient temperature 43 °C, Subcooling 0.0 K			
Declared Cooling Capacity	Q ₃	5.70	kW
Declared Power Input	P ₃	3.47	kW
Declared COP	COP ₃	1.65	
Other Items			
Capacity Control		Fixed	
Degradation Coefficient	Cds	0.25	
Unit suction line temperature	t11	20.00	°C
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