

SEPR-Report EN 13215:2016 E

Model: MC-R7-ZB45KE-TFD

Refrigerant: R404A Arith. Mean Temp.

S.I.

Item	Symbol	Value (MT)	Unit
Evaporating Temperature	t	-10	°C
Annual Electricity Consumption	E	19470	kWh/a
Seasonal Energy Performance Ratio	SEPR	3.20	
Parameters at full load and ambient temperature 32 °C, Subcooling 0.0 K			
Rated Cooling Capacity	Q _A	10.13	kW
Rated Power Input	P _A	5.26	kW
Rated COP	COP _A	1.92	
Parameters at full load and ambient temperature 25 °C, Subcooling 0.0 K			
Declared Cooling Capacity	Q _B	11.33	kW
Declared Power Input	P _B	4.61	kW
Declared COP	COP _B	2.46	
Parameters at full load and ambient temperature 15 °C, Subcooling 0.0 K			
Declared Cooling Capacity	Q _C	13.00	kW
Declared Power Input	P _C	3.80	kW
Declared COP	COP _C	3.42	
Parameters at full load and ambient temperature 5 °C, Subcooling 0.0 K			
Declared Cooling Capacity	Q _D	14.61	kW
Declared Power Input	P _D	3.13	kW
Declared COP	COP _D	4.67	
Parameters at full load and ambient temperature 43 °C, Subcooling 0.0 K			
Declared Cooling Capacity	Q ₃	8.19	kW
Declared Power Input	P ₃	6.44	kW
Declared COP	COP ₃	1.27	
Other Items			
Capacity Control		Fixed	
Degradation Coefficient	Cds	0.25	
Unit suction line temperature	t11	20.00	°C
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