

## SEPR-Report EN 13215:2016 E

Model: MC-R7-ZB45KE-TFD

Refrigerant: R407F Arith. Mean Temp.

S.I.

Item	Symbol	Value (MT)	Unit
Evaporating Temperature	t	-10	°C
Annual Electricity Consumption	E	19282	kWh/a
Seasonal Energy Performance Ratio	SEPR	3.33	
<b>Parameters at full load and ambient temperature 32 °C, Subcooling 0.0 K</b>			
Rated Cooling Capacity	Q <sub>A</sub>	10.46	kW
Rated Power Input	P <sub>A</sub>	5.27	kW
Rated COP	COP <sub>A</sub>	1.98	
<b>Parameters at full load and ambient temperature 25 °C, Subcooling 0.0 K</b>			
Declared Cooling Capacity	Q <sub>B</sub>	11.53	kW
Declared Power Input	P <sub>B</sub>	4.52	kW
Declared COP	COP <sub>B</sub>	2.55	
<b>Parameters at full load and ambient temperature 15 °C, Subcooling 0.0 K</b>			
Declared Cooling Capacity	Q <sub>C</sub>	13.05	kW
Declared Power Input	P <sub>C</sub>	3.66	kW
Declared COP	COP <sub>C</sub>	3.57	
<b>Parameters at full load and ambient temperature 5 °C, Subcooling 0.0 K</b>			
Declared Cooling Capacity	Q <sub>D</sub>	14.54	kW
Declared Power Input	P <sub>D</sub>	3.02	kW
Declared COP	COP <sub>D</sub>	4.82	
<b>Other Items</b>			
Capacity Control		Fixed	
Degradation Coefficient	C <sub>ds</sub>	0.25	
Unit suction line temperature	t <sub>11</sub>	20.00	°C
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