

## SEPR-Report EN 13215:2016 E

Model: MC-M8-ZB38KE-TFD

Refrigerant: R449A Arith. Mean Temp.

S.I.

Item	Symbol	Value (MT)	Unit
Evaporating Temperature	t	-10	°C
Annual Electricity Consumption	E	16484	kWh/a
Seasonal Energy Performance Ratio	SEPR	3.16	
<b>Parameters at full load and ambient temperature 32 °C, Subcooling 0.0 K</b>			
Rated Cooling Capacity	Q <sub>A</sub>	8.47	kW
Rated Power Input	P <sub>A</sub>	4.48	kW
Rated COP	COP <sub>A</sub>	1.89	
<b>Parameters at full load and ambient temperature 25 °C, Subcooling 0.0 K</b>			
Declared Cooling Capacity	Q <sub>B</sub>	9.37	kW
Declared Power Input	P <sub>B</sub>	3.86	kW
Declared COP	COP <sub>B</sub>	2.43	
<b>Parameters at full load and ambient temperature 15 °C, Subcooling 0.0 K</b>			
Declared Cooling Capacity	Q <sub>C</sub>	10.60	kW
Declared Power Input	P <sub>C</sub>	3.13	kW
Declared COP	COP <sub>C</sub>	3.39	
<b>Parameters at full load and ambient temperature 5 °C, Subcooling 0.0 K</b>			
Declared Cooling Capacity	Q <sub>D</sub>	11.68	kW
Declared Power Input	P <sub>D</sub>	2.57	kW
Declared COP	COP <sub>D</sub>	4.54	
<b>Parameters at full load and ambient temperature 43 °C, Subcooling 0.0 K</b>			
Declared Cooling Capacity	Q <sub>3</sub>	7.09	kW
Declared Power Input	P <sub>3</sub>	5.65	kW
Declared COP	COP <sub>3</sub>	1.25	
<b>Other Items</b>			
Capacity Control		Fixed	
Degradation Coefficient	Cds	0.25	
Unit suction line temperature	t11	20.00	°C
Contact Details	Emerson Commercial & Residential Solutions - European Headquarters - Pascalstrasse 65 - 52076 Aachen, Germany Phone: +49 (0) 2408 929 0 - Fax: +49 (0) 2408 929 570 - Internet: <a href="http://climate.emerson.com/en-gb">climate.emerson.com/en-gb</a>		