

## SEPR-Report EN 13215:2016 E

Model: MC-M9-ZB45KE-TFD

Refrigerant: R449A Arith. Mean Temp.

S.I.

Item	Symbol	Value (MT)	Unit
Evaporating Temperature	t	-10	°C
Annual Electricity Consumption	E	18996	kWh/a
Seasonal Energy Performance Ratio	SEPR	3.27	
<b>Parameters at full load and ambient temperature 32 °C, Subcooling 0.0 K</b>			
Rated Cooling Capacity	Q <sub>A</sub>	10.12	kW
Rated Power Input	P <sub>A</sub>	5.07	kW
Rated COP	COP <sub>A</sub>	2.00	
<b>Parameters at full load and ambient temperature 25 °C, Subcooling 0.0 K</b>			
Declared Cooling Capacity	Q <sub>B</sub>	11.17	kW
Declared Power Input	P <sub>B</sub>	4.38	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>	12.60	kW
Declared Power Input	P <sub>C</sub>	3.58	kW
Declared COP	COP <sub>C</sub>	3.52	
<b>Parameters at full load and ambient temperature 5 °C, Subcooling 0.0 K</b>			
Declared Cooling Capacity	Q <sub>D</sub>	13.84	kW
Declared Power Input	P <sub>D</sub>	2.98	kW
Declared COP	COP <sub>D</sub>	4.65	
<b>Parameters at full load and ambient temperature 43 °C, Subcooling 0.0 K</b>			
Declared Cooling Capacity	Q <sub>3</sub>	8.49	kW
Declared Power Input	P <sub>3</sub>	6.36	kW
Declared COP	COP <sub>3</sub>	1.34	
<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>		