

## SEPR-Report EN 13215:2016 E

Model: MC-H9-ZB38KE-TFD

Refrigerant: R449A Arith. Mean Temp.

S.I.

Item	Symbol	Value (MT)	Unit
Evaporating Temperature	t	-10	°C
Annual Electricity Consumption	E	17826	kWh/a
Seasonal Energy Performance Ratio	SEPR	2.73	
<b>Parameters at full load and ambient temperature 32 °C, Subcooling 0.0 K</b>			
Rated Cooling Capacity	$Q_A$	7.92	kW
Rated Power Input	$P_A$	4.91	kW
Rated COP	$COP_A$	1.61	
<b>Parameters at full load and ambient temperature 25 °C, Subcooling 0.0 K</b>			
Declared Cooling Capacity	$Q_B$	8.81	kW
Declared Power Input	$P_B$	4.24	kW
Declared COP	$COP_B$	2.08	
<b>Parameters at full load and ambient temperature 15 °C, Subcooling 0.0 K</b>			
Declared Cooling Capacity	$Q_C$	10.06	kW
Declared Power Input	$P_C$	3.44	kW
Declared COP	$COP_C$	2.93	
<b>Parameters at full load and ambient temperature 5 °C, Subcooling 0.0 K</b>			
Declared Cooling Capacity	$Q_D$	11.20	kW
Declared Power Input	$P_D$	2.81	kW
Declared COP	$COP_D$	3.98	
<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>		