

SEPR-Report EN 13215:2016 E

Model: MC-H8-ZF13KE-TFD

Refrigerant: R448A Arith. Mean Temp.

S.I.

Item	Symbol	Value (LT)	Unit
Evaporating Temperature	t	-35	°C
Annual Electricity Consumption	E	11386	kWh/a
Seasonal Energy Performance Ratio	SEPR	1.73	
Parameters at full load and ambient temperature 32 °C, Subcooling 0.0 K			
Rated Cooling Capacity	Q _A	2.65	kW
Rated Power Input	P _A	2.35	kW
Rated COP	COP _A	1.13	
Parameters at full load and ambient temperature 25 °C, Subcooling 0.0 K			
Declared Cooling Capacity	Q _B	2.87	kW
Declared Power Input	P _B	2.07	kW
Declared COP	COP _B	1.39	
Parameters at full load and ambient temperature 15 °C, Subcooling 0.0 K			
Declared Cooling Capacity	Q _C	3.14	kW
Declared Power Input	P _C	1.77	kW
Declared COP	COP _C	1.78	
Parameters at full load and ambient temperature 5 °C, Subcooling 0.0 K			
Declared Cooling Capacity	Q _D	3.37	kW
Declared Power Input	P _D	1.51	kW
Declared COP	COP _D	2.23	
Parameters at full load and ambient temperature 43 °C, Subcooling 0.0 K			
Declared Cooling Capacity	Q ₃	2.26	kW
Declared Power Input	P ₃	3.02	kW
Declared COP	COP ₃	0.75	
Other Items			
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: climate.emerson.com/en-gb		