

SEPR-Report EN 13215:2016 E

Model: MC-P8-ZB30KE-TFD

Refrigerant: R407F Arith. Mean Temp.

S.I.

Item	Symbol	Value (MT)	Unit
Evaporating Temperature	t	-10	°C
Annual Electricity Consumption	E	12881	kWh/a
Seasonal Energy Performance Ratio	SEPR	3.42	
Parameters at full load and ambient temperature 32 °C, Subcooling 0.0 K			
Rated Cooling Capacity	Q_A	7.17	kW
Rated Power Input	P_A	3.54	kW
Rated COP	COP_A	2.02	
Parameters at full load and ambient temperature 25 °C, Subcooling 0.0 K			
Declared Cooling Capacity	Q_B	7.97	kW
Declared Power Input	P_B	3.02	kW
Declared COP	COP_B	2.64	
Parameters at full load and ambient temperature 15 °C, Subcooling 0.0 K			
Declared Cooling Capacity	Q_C	8.96	kW
Declared Power Input	P_C	2.44	kW
Declared COP	COP_C	3.68	
Parameters at full load and ambient temperature 5 °C, Subcooling 0.0 K			
Declared Cooling Capacity	Q_D	9.79	kW
Declared Power Input	P_D	2.00	kW
Declared COP	COP_D	4.90	
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		