

SEPR-Report EN 13215:2016 E

Model: MC-R7-ZB50KE-TFD

Refrigerant: R404A Arith. Mean Temp.

S.I.

Item	Symbol	Value (MT)	Unit
Evaporating Temperature	t	-10	°C
Annual Electricity Consumption	E	23979	kWh/a
Seasonal Energy Performance Ratio	SEPR	2.94	
Parameters at full load and ambient temperature 32 °C, Subcooling 0.0 K			
Rated Cooling Capacity	Q _A	11.46	kW
Rated Power Input	P _A	6.47	kW
Rated COP	COP _A	1.77	
Parameters at full load and ambient temperature 25 °C, Subcooling 0.0 K			
Declared Cooling Capacity	Q _B	12.96	kW
Declared Power Input	P _B	5.64	kW
Declared COP	COP _B	2.30	
Parameters at full load and ambient temperature 15 °C, Subcooling 0.0 K			
Declared Cooling Capacity	Q _C	14.87	kW
Declared Power Input	P _C	4.68	kW
Declared COP	COP _C	3.18	
Parameters at full load and ambient temperature 5 °C, Subcooling 0.0 K			
Declared Cooling Capacity	Q _D	16.51	kW
Declared Power Input	P _D	3.93	kW
Declared COP	COP _D	4.20	
Parameters at full load and ambient temperature 43 °C, Subcooling 0.0 K			
Declared Cooling Capacity	Q ₃	8.76	kW
Declared Power Input	P ₃	8.11	kW
Declared COP	COP ₃	1.08	
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		