

SEPR-Report EN 13215:2016 E

Model: MC-R7-ZF15KE-TFD

Refrigerant: R404A Arith. Mean Temp.

S.I.

Item	Symbol	Value (LT)	Unit
Evaporating Temperature	t	-35	°C
Annual Electricity Consumption	E	16381	kWh/a
Seasonal Energy Performance Ratio	SEPR	1.62	
Parameters at full load and ambient temperature 32 °C, Subcooling 0.0 K			
Rated Cooling Capacity	Q_A	3.57	kW
Rated Power Input	P_A	3.36	kW
Rated COP	COP_A	1.06	
Parameters at full load and ambient temperature 25 °C, Subcooling 0.0 K			
Declared Cooling Capacity	Q_B	3.90	kW
Declared Power Input	P_B	3.01	kW
Declared COP	COP_B	1.30	
Parameters at full load and ambient temperature 15 °C, Subcooling 0.0 K			
Declared Cooling Capacity	Q_C	4.36	kW
Declared Power Input	P_C	2.60	kW
Declared COP	COP_C	1.67	
Parameters at full load and ambient temperature 5 °C, Subcooling 0.0 K			
Declared Cooling Capacity	Q_D	4.78	kW
Declared Power Input	P_D	2.27	kW
Declared COP	COP_D	2.11	
Parameters at full load and ambient temperature 43 °C, Subcooling 0.0 K			
Declared Cooling Capacity	Q_3	3.01	kW
Declared Power Input	P_3	4.04	kW
Declared COP	COP_3	0.74	
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		