

SEPR-Report EN 13215:2016 E

Model: Z9-4MA-22X

Refrigerant: R407A Arith. Mean Temp.

S.I.

Item	Symbol	Value (MT)	Unit
Evaporating Temperature	t	-10	°C
Annual Electricity Consumption	E	58900	kWh/a
Seasonal Energy Performance Ratio	SEPR	3.61	
Parameters at full load and ambient temperature 32 °C, Subcooling 0.0 K			
Rated Cooling Capacity	Q _A	34.55	kW
Rated Power Input	P _A	13.78	kW
Rated COP	COP _A	2.51	
Parameters at full load and ambient temperature 25 °C, Subcooling 0.0 K			
Declared Cooling Capacity	Q _B	38.12	kW
Declared Power Input	P _B	12.85	kW
Declared COP	COP _B	2.97	
Parameters at full load and ambient temperature 15 °C, Subcooling 0.0 K			
Declared Cooling Capacity	Q _C	43.17	kW
Declared Power Input	P _C	11.34	kW
Declared COP	COP _C	3.81	
Parameters at full load and ambient temperature 5 °C, Subcooling 0.0 K			
Declared Cooling Capacity	Q _D	48.14	kW
Declared Power Input	P _D	9.56	kW
Declared COP	COP _D	5.04	
Parameters at full load and ambient temperature 43 °C, Subcooling 0.0 K			
Declared Cooling Capacity	Q ₃	28.90	kW
Declared Power Input	P ₃	15.04	kW
Declared COP	COP ₃	1.92	
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		