

## SEPR-Report EN 13215:2016 E

Model: MC-K9-ZB21KE-TFD

Refrigerant: R407A Arith. Mean Temp.

S.I.

Item	Symbol	Value (MT)	Unit
Evaporating Temperature	t	-10	°C
Annual Electricity Consumption	E	9332	kWh/a
Seasonal Energy Performance Ratio	SEPR	3.38	
<b>Parameters at full load and ambient temperature 32 °C, Subcooling 0.0 K</b>			
Rated Cooling Capacity	$Q_A$	5.14	kW
Rated Power Input	$P_A$	2.52	kW
Rated COP	$COP_A$	2.04	
<b>Parameters at full load and ambient temperature 25 °C, Subcooling 0.0 K</b>			
Declared Cooling Capacity	$Q_B$	5.68	kW
Declared Power Input	$P_B$	2.17	kW
Declared COP	$COP_B$	2.61	
<b>Parameters at full load and ambient temperature 15 °C, Subcooling 0.0 K</b>			
Declared Cooling Capacity	$Q_C$	6.38	kW
Declared Power Input	$P_C$	1.76	kW
Declared COP	$COP_C$	3.62	
<b>Parameters at full load and ambient temperature 5 °C, Subcooling 0.0 K</b>			
Declared Cooling Capacity	$Q_D$	6.97	kW
Declared Power Input	$P_D$	1.44	kW
Declared COP	$COP_D$	4.85	
<b>Other Items</b>			
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: <a href="http://climate.emerson.com/en-gb">climate.emerson.com/en-gb</a>		