

SEPR-Report EN 13215:2016 E

Model: MC-H8-ZB26KE-TFD

Refrigerant: R407A Dew Point

S.I.

Item	Symbol	Value (MT)	Unit
Evaporating Temperature	t	-10	°C
Annual Electricity Consumption	E	10813	kWh/a
Seasonal Energy Performance Ratio	SEPR	3.07	
<b>Parameters at full load and ambient temperature 32 °C, Subcooling 0.0 K</b>			
Rated Cooling Capacity	Q <sub>A</sub>	5.39	kW
Rated Power Input	P <sub>A</sub>	2.89	kW
Rated COP	COP <sub>A</sub>	1.86	
<b>Parameters at full load and ambient temperature 25 °C, Subcooling 0.0 K</b>			
Declared Cooling Capacity	Q <sub>B</sub>	5.94	kW
Declared Power Input	P <sub>B</sub>	2.50	kW
Declared COP	COP <sub>B</sub>	2.38	
<b>Parameters at full load and ambient temperature 15 °C, Subcooling 0.0 K</b>			
Declared Cooling Capacity	Q <sub>C</sub>	6.69	kW
Declared Power Input	P <sub>C</sub>	2.04	kW
Declared COP	COP <sub>C</sub>	3.28	
<b>Parameters at full load and ambient temperature 5 °C, Subcooling 0.0 K</b>			
Declared Cooling Capacity	Q <sub>D</sub>	7.38	kW
Declared Power Input	P <sub>D</sub>	1.68	kW
Declared COP	COP <sub>D</sub>	4.39	
<b>Other Items</b>			
Capacity Control		Fixed	
Degradation Coefficient	Cds	0.25	
Unit suction line temperature	t11	20.00	°C
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