

SEPR-Report EN 13215:2016 E

Model: MC-P8-ZB38KE-PFJ

Refrigerant: R449A Arith. Mean Temp.

S.I.

Item	Symbol	Value (MT)	Unit
Evaporating Temperature	t	-10	°C
Annual Electricity Consumption	E	16209	kWh/a
Seasonal Energy Performance Ratio	SEPR	3.24	
Parameters at full load and ambient temperature 32 °C, Subcooling 0.0 K			
Rated Cooling Capacity	Q _A	8.55	kW
Rated Power Input	P _A	4.41	kW
Rated COP	COP _A	1.94	
Parameters at full load and ambient temperature 25 °C, Subcooling 0.0 K			
Declared Cooling Capacity	Q _B	9.45	kW
Declared Power Input	P _B	3.79	kW
Declared COP	COP _B	2.49	
Parameters at full load and ambient temperature 15 °C, Subcooling 0.0 K			
Declared Cooling Capacity	Q _C	10.68	kW
Declared Power Input	P _C	3.07	kW
Declared COP	COP _C	3.48	
Parameters at full load and ambient temperature 5 °C, Subcooling 0.0 K			
Declared Cooling Capacity	Q _D	11.76	kW
Declared Power Input	P _D	2.52	kW
Declared COP	COP _D	4.66	
Parameters at full load and ambient temperature 43 °C, Subcooling 0.0 K			
Declared Cooling Capacity	Q ₃	7.16	kW
Declared Power Input	P ₃	5.56	kW
Declared COP	COP ₃	1.29	
Other Items			
Capacity Control		Fixed	
Degradation Coefficient	Cds	0.25	
Unit suction line temperature	t11	20.00	°C
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