

SEPR-Report EN 13215:2016 E

Model: MC-R7-ZB42KE-PFJ

Refrigerant: R450A Arith. Mean Temp.

S.I.

Item	Symbol	Value (MT)	Unit
Evaporating Temperature	t	-10	°C
Annual Electricity Consumption	E	10664	kWh/a
Seasonal Energy Performance Ratio	SEPR	3.22	
Parameters at full load and ambient temperature 32 °C, Subcooling 0.0 K			
Rated Cooling Capacity	Q _A	5.59	kW
Rated Power Input	P _A	2.54	kW
Rated COP	COP _A	2.20	
Parameters at full load and ambient temperature 25 °C, Subcooling 0.0 K			
Declared Cooling Capacity	Q _B	6.07	kW
Declared Power Input	P _B	2.26	kW
Declared COP	COP _B	2.68	
Parameters at full load and ambient temperature 15 °C, Subcooling 0.0 K			
Declared Cooling Capacity	Q _C	6.72	kW
Declared Power Input	P _C	1.94	kW
Declared COP	COP _C	3.46	
Parameters at full load and ambient temperature 5 °C, Subcooling 0.0 K			
Declared Cooling Capacity	Q _D	7.28	kW
Declared Power Input	P _D	1.68	kW
Declared COP	COP _D	4.33	
Parameters at full load and ambient temperature 43 °C, Subcooling 0.0 K			
Declared Cooling Capacity	Q ₃	4.82	kW
Declared Power Input	P ₃	3.12	kW
Declared COP	COP ₃	1.54	
Other Items			
Capacity Control		Fixed	
Degradation Coefficient	Cds	0.25	
Unit suction line temperature	t11	20.00	°C
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