

SEPR-Report EN 13215:2016 E

Model: R7-2DD-50X

Refrigerant: R449A Arith. Mean Temp.

S.I.

Item	Symbol	Value (MT)	Unit
Evaporating Temperature	t	-10	°C
Annual Electricity Consumption	E	18024	kWh/a
Seasonal Energy Performance Ratio	SEPR	3.36	
Parameters at full load and ambient temperature 32 °C, Subcooling 0.0 K			
Rated Cooling Capacity	Q _A	9.85	kW
Rated Power Input	P _A	4.23	kW
Rated COP	COP _A	2.33	
Parameters at full load and ambient temperature 25 °C, Subcooling 0.0 K			
Declared Cooling Capacity	Q _B	11.00	kW
Declared Power Input	P _B	3.99	kW
Declared COP	COP _B	2.76	
Parameters at full load and ambient temperature 15 °C, Subcooling 0.0 K			
Declared Cooling Capacity	Q _C	12.64	kW
Declared Power Input	P _C	3.56	kW
Declared COP	COP _C	3.55	
Parameters at full load and ambient temperature 5 °C, Subcooling 0.0 K			
Declared Cooling Capacity	Q _D	14.26	kW
Declared Power Input	P _D	3.01	kW
Declared COP	COP _D	4.74	
Parameters at full load and ambient temperature 43 °C, Subcooling 0.0 K			
Declared Cooling Capacity	Q ₃	8.05	kW
Declared Power Input	P ₃	4.49	kW
Declared COP	COP ₃	1.79	
Other Items			
Capacity Control		Fixed	
Degradation Coefficient	Cds	0.25	
Unit suction line temperature	t11	20.00	°C
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