

SEPR-Report EN 13215:2016 E

Model: R7-2DL-75X

Refrigerant: R407F Arith. Mean Temp.

S.I.

Item	Symbol	Value (MT)	Unit
Evaporating Temperature	t	-10	°C
Annual Electricity Consumption	E	22898	kWh/a
Seasonal Energy Performance Ratio	SEPR	3.30	
Parameters at full load and ambient temperature 32 °C, Subcooling 0.0 K			
Rated Cooling Capacity	Q _A	12.29	kW
Rated Power Input	P _A	5.41	kW
Rated COP	COP _A	2.27	
Parameters at full load and ambient temperature 25 °C, Subcooling 0.0 K			
Declared Cooling Capacity	Q _B	13.56	kW
Declared Power Input	P _B	5.01	kW
Declared COP	COP _B	2.71	
Parameters at full load and ambient temperature 15 °C, Subcooling 0.0 K			
Declared Cooling Capacity	Q _C	15.33	kW
Declared Power Input	P _C	4.38	kW
Declared COP	COP _C	3.50	
Parameters at full load and ambient temperature 5 °C, Subcooling 0.0 K			
Declared Cooling Capacity	Q _D	17.08	kW
Declared Power Input	P _D	3.71	kW
Declared COP	COP _D	4.60	
Parameters at full load and ambient temperature 43 °C, Subcooling 0.0 K			
Declared Cooling Capacity	Q ₃	10.29	kW
Declared Power Input	P ₃	5.95	kW
Declared COP	COP ₃	1.73	
Other Items			
Capacity Control		Fixed	
Degradation Coefficient	Cds	0.25	
Unit suction line temperature	t11	20.00	°C
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