

SEPR-Report EN 13215:2016 E

Model: V6-3DS-150X

Refrigerant: R407F Arith. Mean Temp.

S.I.

Item	Symbol	Value (MT)	Unit
Evaporating Temperature	t	-10	°C
Annual Electricity Consumption	E	54858	kWh/a
Seasonal Energy Performance Ratio	SEPR	3.12	
Parameters at full load and ambient temperature 32 °C, Subcooling 0.0 K			
Rated Cooling Capacity	Q _A	27.82	kW
Rated Power Input	P _A	12.27	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	30.71	kW
Declared Power Input	P _B	11.60	kW
Declared COP	COP _B	2.65	
Parameters at full load and ambient temperature 15 °C, Subcooling 0.0 K			
Declared Cooling Capacity	Q _C	34.72	kW
Declared Power Input	P _C	10.48	kW
Declared COP	COP _C	3.31	
Parameters at full load and ambient temperature 5 °C, Subcooling 0.0 K			
Declared Cooling Capacity	Q _D	38.58	kW
Declared Power Input	P _D	9.10	kW
Declared COP	COP _D	4.24	
Parameters at full load and ambient temperature 43 °C, Subcooling 0.0 K			
Declared Cooling Capacity	Q ₃	23.15	kW
Declared Power Input	P ₃	13.15	kW
Declared COP	COP ₃	1.76	
Other Items			
Capacity Control		Fixed	
Degradation Coefficient	Cds	0.25	
Unit suction line temperature	t11	20.00	°C
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