

SEPR-Report EN 13215:2016 E

Model: V6-3DC-100X

Refrigerant: R407C Arith. Mean Temp.

S.I.

Item	Symbol	Value (MT)	Unit
Evaporating Temperature	t	-10	°C
Annual Electricity Consumption	E	32827	kWh/a
Seasonal Energy Performance Ratio	SEPR	3.59	
Parameters at full load and ambient temperature 32 °C, Subcooling 0.0 K			
Rated Cooling Capacity	Q _A	19.14	kW
Rated Power Input	P _A	7.73	kW
Rated COP	COP _A	2.48	
Parameters at full load and ambient temperature 25 °C, Subcooling 0.0 K			
Declared Cooling Capacity	Q _B	21.34	kW
Declared Power Input	P _B	7.23	kW
Declared COP	COP _B	2.95	
Parameters at full load and ambient temperature 15 °C, Subcooling 0.0 K			
Declared Cooling Capacity	Q _C	24.69	kW
Declared Power Input	P _C	6.43	kW
Declared COP	COP _C	3.84	
Parameters at full load and ambient temperature 6 °C, Subcooling 0.0 K			
Declared Cooling Capacity	Q _D	27.94	kW
Declared Power Input	P _D	5.60	kW
Declared COP	COP _D	4.99	
Parameters at full load and ambient temperature 43 °C, Subcooling 0.0 K			
Declared Cooling Capacity	Q ₃	15.94	kW
Declared Power Input	P ₃	8.45	kW
Declared COP	COP ₃	1.89	
Other Items			
Capacity Control		Fixed	
Degradation Coefficient	Cds	0.25	
Unit suction line temperature	t11	20.00	°C
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