

SEPR-Report EN 13215:2016 E

Model: S9-3DS-100X

Refrigerant: R134a Dew Point

S.I.

Item	Symbol	Value (MT)	Unit
Evaporating Temperature	t	-10	°C
Annual Electricity Consumption	E	31217	kWh/a
Seasonal Energy Performance Ratio	SEPR	2.94	
Parameters at full load and ambient temperature 32 °C, Subcooling 0.0 K			
Rated Cooling Capacity	Q _A	14.92	kW
Rated Power Input	P _A	6.73	kW
Rated COP	COP _A	2.22	
Parameters at full load and ambient temperature 25 °C, Subcooling 0.0 K			
Declared Cooling Capacity	Q _B	16.25	kW
Declared Power Input	P _B	6.37	kW
Declared COP	COP _B	2.55	
Parameters at full load and ambient temperature 15 °C, Subcooling 0.0 K			
Declared Cooling Capacity	Q _C	18.29	kW
Declared Power Input	P _C	5.82	kW
Declared COP	COP _C	3.14	
Parameters at full load and ambient temperature 5 °C, Subcooling 0.0 K			
Declared Cooling Capacity	Q _D	20.46	kW
Declared Power Input	P _D	5.25	kW
Declared COP	COP _D	3.90	
Parameters at full load and ambient temperature 43 °C, Subcooling 0.0 K			
Declared Cooling Capacity	Q ₃	13.01	kW
Declared Power Input	P ₃	7.27	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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