

SEPR-Report EN 13215:2016 E

Model: P8-2DB-50X

Refrigerant: R134a Dew Point

S.I.

Item	Symbol	Value (MT)	Unit
Evaporating Temperature	t	-10	°C
Annual Electricity Consumption	E	16434	kWh/a
Seasonal Energy Performance Ratio	SEPR	3.13	
Parameters at full load and ambient temperature 32 °C, Subcooling 0.0 K			
Rated Cooling Capacity	Q _A	8.36	kW
Rated Power Input	P _A	3.67	kW
Rated COP	COP _A	2.28	
Parameters at full load and ambient temperature 25 °C, Subcooling 0.0 K			
Declared Cooling Capacity	Q _B	9.23	kW
Declared Power Input	P _B	3.48	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	10.49	kW
Declared Power Input	P _C	3.15	kW
Declared COP	COP _C	3.33	
Parameters at full load and ambient temperature 5 °C, Subcooling 0.0 K			
Declared Cooling Capacity	Q _D	11.77	kW
Declared Power Input	P _D	2.76	kW
Declared COP	COP _D	4.26	
Parameters at full load and ambient temperature 43 °C, Subcooling 0.0 K			
Declared Cooling Capacity	Q ₃	7.03	kW
Declared Power Input	P ₃	3.90	kW
Declared COP	COP ₃	1.80	
Other Items			
Capacity Control		Fixed	
Degradation Coefficient	Cds	0.25	
Unit suction line temperature	t11	20.00	°C
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