

SEPR-Report EN 13215:2016 E

Model: P8-2DC-50X

Refrigerant: R404A Arith. Mean Temp.

S.I.

Item	Symbol	Value (LT)	Unit
Evaporating Temperature	t	-35	°C
Annual Electricity Consumption	E	10466	kWh/a
Seasonal Energy Performance Ratio	SEPR	1.70	
Parameters at full load and ambient temperature 32 °C, Subcooling 0.0 K			
Rated Cooling Capacity	Q _A	2.38	kW
Rated Power Input	P _A	1.97	kW
Rated COP	COP _A	1.21	
Parameters at full load and ambient temperature 25 °C, Subcooling 0.0 K			
Declared Cooling Capacity	Q _B	2.83	kW
Declared Power Input	P _B	1.97	kW
Declared COP	COP _B	1.43	
Parameters at full load and ambient temperature 15 °C, Subcooling 0.0 K			
Declared Cooling Capacity	Q _C	3.50	kW
Declared Power Input	P _C	1.94	kW
Declared COP	COP _C	1.81	
Parameters at full load and ambient temperature 5 °C, Subcooling 0.0 K			
Declared Cooling Capacity	Q _D	4.20	kW
Declared Power Input	P _D	1.87	kW
Declared COP	COP _D	2.25	
Parameters at full load and ambient temperature 43 °C, Subcooling 0.0 K			
Declared Cooling Capacity	Q ₃	1.75	kW
Declared Power Input	P ₃	1.94	kW
Declared COP	COP ₃	0.90	
Other Items			
Capacity Control		Fixed	
Degradation Coefficient	Cds	0.25	
Unit suction line temperature	t11	20.00	°C
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