

SEPR-Report EN 13215:2016 E

Model: H8-LSG-40X

Refrigerant: R134a Dew Point

S.I.

Item	Symbol	Value (MT)	Unit
Evaporating Temperature	t	-10	°C
Annual Electricity Consumption	E	15058	kWh/a
Seasonal Energy Performance Ratio	SEPR	2.67	
Parameters at full load and ambient temperature 32 °C, Subcooling 0.0 K			
Rated Cooling Capacity	Q _A	6.53	kW
Rated Power Input	P _A	3.24	kW
Rated COP	COP _A	2.01	
Parameters at full load and ambient temperature 25 °C, Subcooling 0.0 K			
Declared Cooling Capacity	Q _B	7.19	kW
Declared Power Input	P _B	3.10	kW
Declared COP	COP _B	2.32	
Parameters at full load and ambient temperature 15 °C, Subcooling 0.0 K			
Declared Cooling Capacity	Q _C	8.17	kW
Declared Power Input	P _C	2.86	kW
Declared COP	COP _C	2.86	
Parameters at full load and ambient temperature 5 °C, Subcooling 0.0 K			
Declared Cooling Capacity	Q _D	9.18	kW
Declared Power Input	P _D	2.59	kW
Declared COP	COP _D	3.55	
Parameters at full load and ambient temperature 43 °C, Subcooling 0.0 K			
Declared Cooling Capacity	Q ₃	5.52	kW
Declared Power Input	P ₃	3.44	kW
Declared COP	COP ₃	1.61	
Other Items			
Capacity Control		Fixed	
Degradation Coefficient	Cds	0.25	
Unit suction line temperature	t11	20.00	°C
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