

SEPR-Report EN 13215:2016 E

Model: Z9-4MH-25X

Refrigerant: R134a Dew Point

S.I.

Item	Symbol	Value (MT)	Unit
Evaporating Temperature	t	-10	°C
Annual Electricity Consumption	E	46220	kWh/a
Seasonal Energy Performance Ratio	SEPR	3.31	
Parameters at full load and ambient temperature 32 °C, Subcooling 0.0 K			
Rated Cooling Capacity	Q _A	24.92	kW
Rated Power Input	P _A	10.22	kW
Rated COP	COP _A	2.44	
Parameters at full load and ambient temperature 25 °C, Subcooling 0.0 K			
Declared Cooling Capacity	Q _B	27.06	kW
Declared Power Input	P _B	9.61	kW
Declared COP	COP _B	2.82	
Parameters at full load and ambient temperature 15 °C, Subcooling 0.0 K			
Declared Cooling Capacity	Q _C	29.98	kW
Declared Power Input	P _C	8.56	kW
Declared COP	COP _C	3.50	
Parameters at full load and ambient temperature 5 °C, Subcooling 0.0 K			
Declared Cooling Capacity	Q _D	32.74	kW
Declared Power Input	P _D	7.33	kW
Declared COP	COP _D	4.46	
Parameters at full load and ambient temperature 43 °C, Subcooling 0.0 K			
Declared Cooling Capacity	Q ₃	21.42	kW
Declared Power Input	P ₃	10.97	kW
Declared COP	COP ₃	1.95	
Other Items			
Capacity Control		Fixed	
Degradation Coefficient	Cds	0.25	
Unit suction line temperature	t11	20.00	°C
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