

SEPR-Report EN 13215:2016 E

Model: Z9-4MH-25X

Refrigerant: R407C Arith. Mean Temp.

S.I.

Item	Symbol	Value (MT)	Unit
Evaporating Temperature	t	-10	°C
Annual Electricity Consumption	E	66103	kWh/a
Seasonal Energy Performance Ratio	SEPR	3.52	
Parameters at full load and ambient temperature 32 °C, Subcooling 0.0 K			
Rated Cooling Capacity	Q _A	37.83	kW
Rated Power Input	P _A	15.38	kW
Rated COP	COP _A	2.46	
Parameters at full load and ambient temperature 25 °C, Subcooling 0.0 K			
Declared Cooling Capacity	Q _B	41.54	kW
Declared Power Input	P _B	14.28	kW
Declared COP	COP _B	2.91	
Parameters at full load and ambient temperature 15 °C, Subcooling 0.0 K			
Declared Cooling Capacity	Q _C	46.72	kW
Declared Power Input	P _C	12.54	kW
Declared COP	COP _C	3.73	
Parameters at full load and ambient temperature 5 °C, Subcooling 0.0 K			
Declared Cooling Capacity	Q _D	51.74	kW
Declared Power Input	P _D	10.65	kW
Declared COP	COP _D	4.86	
Parameters at full load and ambient temperature 43 °C, Subcooling 0.0 K			
Declared Cooling Capacity	Q ₃	31.88	kW
Declared Power Input	P ₃	16.86	kW
Declared COP	COP ₃	1.89	
Other Items			
Capacity Control		Fixed	
Degradation Coefficient	Cds	0.25	
Unit suction line temperature	t11	20.00	°C
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