

SEPR-Report EN 13215:2016 E

Model: Z9-4MI-30X

Refrigerant: R407C Arith. Mean Temp.

S.I.

Item	Symbol	Value (MT)	Unit
Evaporating Temperature	t	-10	°C
Annual Electricity Consumption	E	73329	kWh/a
Seasonal Energy Performance Ratio	SEPR	3.48	
Parameters at full load and ambient temperature 32 °C, Subcooling 0.0 K			
Rated Cooling Capacity	Q _A	41.53	kW
Rated Power Input	P _A	17.08	kW
Rated COP	COP _A	2.43	
Parameters at full load and ambient temperature 25 °C, Subcooling 0.0 K			
Declared Cooling Capacity	Q _B	45.54	kW
Declared Power Input	P _B	15.82	kW
Declared COP	COP _B	2.88	
Parameters at full load and ambient temperature 15 °C, Subcooling 0.0 K			
Declared Cooling Capacity	Q _C	51.06	kW
Declared Power Input	P _C	13.83	kW
Declared COP	COP _C	3.69	
Parameters at full load and ambient temperature 5 °C, Subcooling 0.0 K			
Declared Cooling Capacity	Q _D	56.27	kW
Declared Power Input	P _D	11.74	kW
Declared COP	COP _D	4.79	
Parameters at full load and ambient temperature 43 °C, Subcooling 0.0 K			
Declared Cooling Capacity	Q ₃	35.05	kW
Declared Power Input	P ₃	18.73	kW
Declared COP	COP ₃	1.87	
Other Items			
Capacity Control		Fixed	
Degradation Coefficient	Cds	0.25	
Unit suction line temperature	t11	20.00	°C
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