

SEPR-Report EN 13215:2016 E

Model: Z9-4MI-30X

Refrigerant: R404A Arith. Mean Temp.

S.I.

Item	Symbol	Value (MT)	Unit
Evaporating Temperature	t	-10	°C
Annual Electricity Consumption	E	83938	kWh/a
Seasonal Energy Performance Ratio	SEPR	3.18	
Parameters at full load and ambient temperature 32 °C, Subcooling 0.0 K			
Rated Cooling Capacity	Q _A	43.36	kW
Rated Power Input	P _A	19.58	kW
Rated COP	COP _A	2.21	
Parameters at full load and ambient temperature 25 °C, Subcooling 0.0 K			
Declared Cooling Capacity	Q _B	48.38	kW
Declared Power Input	P _B	18.24	kW
Declared COP	COP _B	2.65	
Parameters at full load and ambient temperature 15 °C, Subcooling 0.0 K			
Declared Cooling Capacity	Q _C	55.27	kW
Declared Power Input	P _C	16.23	kW
Declared COP	COP _C	3.41	
Parameters at full load and ambient temperature 5 °C, Subcooling 0.0 K			
Declared Cooling Capacity	Q _D	61.72	kW
Declared Power Input	P _D	14.15	kW
Declared COP	COP _D	4.36	
Parameters at full load and ambient temperature 43 °C, Subcooling 0.0 K			
Declared Cooling Capacity	Q ₃	35.22	kW
Declared Power Input	P ₃	21.49	kW
Declared COP	COP ₃	1.64	
Other Items			
Capacity Control		Fixed	
Degradation Coefficient	Cds	0.25	
Unit suction line temperature	t11	20.00	°C
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