

SEPR-Report EN 13215:2016 E

Model: Z9-4MU-25X

Refrigerant: R449A Arith. Mean Temp.

S.I.

Item	Symbol	Value (MT)	Unit
Evaporating Temperature	t	-10	°C
Annual Electricity Consumption	E	108116	kWh/a
Seasonal Energy Performance Ratio	SEPR	2.92	
Parameters at full load and ambient temperature 32 °C, Subcooling 0.0 K			
Rated Cooling Capacity	Q _A	51.40	kW
Rated Power Input	P _A	24.62	kW
Rated COP	COP _A	2.09	
Parameters at full load and ambient temperature 25 °C, Subcooling 0.0 K			
Declared Cooling Capacity	Q _B	56.73	kW
Declared Power Input	P _B	23.14	kW
Declared COP	COP _B	2.45	
Parameters at full load and ambient temperature 15 °C, Subcooling 0.0 K			
Declared Cooling Capacity	Q _C	64.33	kW
Declared Power Input	P _C	20.71	kW
Declared COP	COP _C	3.11	
Parameters at full load and ambient temperature 5 °C, Subcooling 0.0 K			
Declared Cooling Capacity	Q _D	71.85	kW
Declared Power Input	P _D	17.91	kW
Declared COP	COP _D	4.01	
Parameters at full load and ambient temperature 43 °C, Subcooling 0.0 K			
Declared Cooling Capacity	Q ₃	43.03	kW
Declared Power Input	P ₃	26.59	kW
Declared COP	COP ₃	1.62	
Other Items			
Capacity Control		Fixed	
Degradation Coefficient	Cds	0.25	
Unit suction line temperature	t11	20.00	°C
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