

SEPR-Report EN 13215:2016 E

Model: Z9-4MJ-33X

Refrigerant: R448A Arith. Mean Temp.

S.I.

Item	Symbol	Value (MT)	Unit
Evaporating Temperature	t	-10	°C
Annual Electricity Consumption	E	91178	kWh/a
Seasonal Energy Performance Ratio	SEPR	3.25	
Parameters at full load and ambient temperature 32 °C, Subcooling 0.0 K			
Rated Cooling Capacity	Q _A	48.17	kW
Rated Power Input	P _A	20.94	kW
Rated COP	COP _A	2.30	
Parameters at full load and ambient temperature 25 °C, Subcooling 0.0 K			
Declared Cooling Capacity	Q _B	53.23	kW
Declared Power Input	P _B	19.61	kW
Declared COP	COP _B	2.71	
Parameters at full load and ambient temperature 15 °C, Subcooling 0.0 K			
Declared Cooling Capacity	Q _C	60.44	kW
Declared Power Input	P _C	17.50	kW
Declared COP	COP _C	3.45	
Parameters at full load and ambient temperature 5 °C, Subcooling 0.0 K			
Declared Cooling Capacity	Q _D	67.61	kW
Declared Power Input	P _D	15.12	kW
Declared COP	COP _D	4.47	
Parameters at full load and ambient temperature 43 °C, Subcooling 0.0 K			
Declared Cooling Capacity	Q ₃	40.23	kW
Declared Power Input	P ₃	22.78	kW
Declared COP	COP ₃	1.77	
Other Items			
Capacity Control		Fixed	
Degradation Coefficient	Cds	0.25	
Unit suction line temperature	t11	20.00	°C
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