

SEPR-Report EN 13215:2016 E

Model: Z9-4MJ-33X

Refrigerant: R134a Dew Point

S.I.

Item	Symbol	Value (MT)	Unit
Evaporating Temperature	t	-10	°C
Annual Electricity Consumption	E	55715	kWh/a
Seasonal Energy Performance Ratio	SEPR	3.32	
Parameters at full load and ambient temperature 32 °C, Subcooling 0.0 K			
Rated Cooling Capacity	Q _A	30.13	kW
Rated Power Input	P _A	12.27	kW
Rated COP	COP _A	2.45	
Parameters at full load and ambient temperature 25 °C, Subcooling 0.0 K			
Declared Cooling Capacity	Q _B	32.71	kW
Declared Power Input	P _B	11.55	kW
Declared COP	COP _B	2.83	
Parameters at full load and ambient temperature 15 °C, Subcooling 0.0 K			
Declared Cooling Capacity	Q _C	36.30	kW
Declared Power Input	P _C	10.34	kW
Declared COP	COP _C	3.51	
Parameters at full load and ambient temperature 5 °C, Subcooling 0.0 K			
Declared Cooling Capacity	Q _D	39.76	kW
Declared Power Input	P _D	8.88	kW
Declared COP	COP _D	4.48	
Parameters at full load and ambient temperature 43 °C, Subcooling 0.0 K			
Declared Cooling Capacity	Q ₃	25.98	kW
Declared Power Input	P ₃	13.19	kW
Declared COP	COP ₃	1.97	
Other Items			
Capacity Control		Fixed	
Degradation Coefficient	Cds	0.25	
Unit suction line temperature	t11	20.00	°C
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