

SEPR-Report EN 13215:2016 E

Model: OMTE-90D-TFD

Refrigerant: R449A Arith. Mean Temp.

S.I.

Item	Symbol	Value (MT)	Unit
Evaporating Temperature	t	-10	°C
Annual Electricity Consumption	E	38549	kWh/a
Seasonal Energy Performance Ratio	SEPR	3.22	
Parameters at full load and ambient temperature 32 °C, Subcooling 0.0 K			
Rated Cooling Capacity	Q _A	20.18	kW
Rated Power Input	P _A	9.86	kW
Rated COP	COP _A	2.05	
Parameters at full load and ambient temperature 25 °C, Subcooling 0.0 K			
Declared Cooling Capacity	Q _B	22.19	kW
Declared Power Input	P _B	8.61	kW
Declared COP	COP _B	2.58	
Parameters at full load and ambient temperature 15 °C, Subcooling 0.0 K			
Declared Cooling Capacity	Q _C	24.89	kW
Declared Power Input	P _C	7.17	kW
Declared COP	COP _C	3.47	
Parameters at full load and ambient temperature 5 °C, Subcooling 0.0 K			
Declared Cooling Capacity	Q _D	27.27	kW
Declared Power Input	P _D	6.12	kW
Declared COP	COP _D	4.46	
Parameters at full load and ambient temperature 43 °C, Subcooling 0.0 K			
Declared Cooling Capacity	Q ₃	16.93	kW
Declared Power Input	P ₃	12.25	kW
Declared COP	COP ₃	1.38	
Other Items			
Capacity Control		Stepless	
Degradation Coefficient	Cds	0.25	
Unit suction line temperature	t11	20.00	°C
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