

SEPR-Report EN 13215:2016 E

Model: ZXDE-040E-TFD

Refrigerant: R449A Arith. Mean Temp.

S.I.

Item	Symbol	Value (MT)	Unit
Evaporating Temperature	t	-10	°C
Annual Electricity Consumption	E	11251	kWh/a
Seasonal Energy Performance Ratio	SEPR	4.25	
Parameters at full load and ambient temperature 32 °C, Subcooling 0.0 K			
Rated Cooling Capacity	Q _A	7.78	kW
Rated Power Input	P _A	2.76	kW
Rated COP	COP _A	2.82	
Parameters at full load and ambient temperature 25 °C, Subcooling 0.0 K			
Declared Cooling Capacity	Q _B	8.42	kW
Declared Power Input	P _B	2.37	kW
Declared COP	COP _B	3.55	
Parameters at full load and ambient temperature 15 °C, Subcooling 0.0 K			
Declared Cooling Capacity	Q _C	9.24	kW
Declared Power Input	P _C	1.98	kW
Declared COP	COP _C	4.68	
Parameters at full load and ambient temperature 5 °C, Subcooling 0.0 K			
Declared Cooling Capacity	Q _D	9.93	kW
Declared Power Input	P _D	1.79	kW
Declared COP	COP _D	5.54	
Parameters at full load and ambient temperature 43 °C, Subcooling 0.0 K			
Declared Cooling Capacity	Q ₃	6.66	kW
Declared Power Input	P ₃	3.52	kW
Declared COP	COP ₃	1.89	
Other Items			
Capacity Control		Stepless	
Degradation Coefficient	Cds	0.25	
Unit suction line temperature	t11	20.00	°C
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