

SEPR-Report EN 13215:2016 E

Model: MC-M9-ZBD45KE-TFD

Refrigerant: R404A Arith. Mean Temp.

S.I.

Item	Symbol	Value (MT)	Unit
Evaporating Temperature	t	-10	°C
Annual Electricity Consumption	E	21362	kWh/a
Seasonal Energy Performance Ratio	SEPR	2.84	
Parameters at full load and ambient temperature 32 °C, Subcooling 0.0 K			
Rated Cooling Capacity	Q _A	9.87	kW
Rated Power Input	P _A	5.21	kW
Rated COP	COP _A	1.89	
Parameters at full load and ambient temperature 25 °C, Subcooling 0.0 K			
Declared Cooling Capacity	Q _B	10.99	kW
Declared Power Input	P _B	4.69	kW
Declared COP	COP _B	2.34	
Parameters at full load and ambient temperature 15 °C, Subcooling 0.0 K			
Declared Cooling Capacity	Q _C	12.49	kW
Declared Power Input	P _C	4.06	kW
Declared COP	COP _C	3.08	
Parameters at full load and ambient temperature 5 °C, Subcooling 0.0 K			
Declared Cooling Capacity	Q _D	13.87	kW
Declared Power Input	P _D	3.56	kW
Declared COP	COP _D	3.89	
Parameters at full load and ambient temperature 43 °C, Subcooling 0.0 K			
Declared Cooling Capacity	Q ₃	8.00	kW
Declared Power Input	P ₃	6.18	kW
Declared COP	COP ₃	1.29	
Other Items			
Capacity Control		Stepless	
Degradation Coefficient	Cds	0.25	
Unit suction line temperature	t11	20.00	°C
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