SEPR-Report EN 13215:2016 E

Model: MC-M9-ZB45KE-TFD Refrigerant: R450A Arith. Mean Temp. S.I.

Item	Symbol	Value (MT)	Unit
Evaporating Temperature	t	-10	°C
Annual Electricity Consumption	E	10482	kWh/a
Seasonal Energy Performance Ratio	SEPR	3.35	
Parameters at full load and ambient temperature 32 °C, Subcooling 0.0 K			
Rated Cooling Capacity	Q_A	5.71	kW
Rated Power Input	P_A	2.61	kW
Rated COP	COP_A	2.19	
Parameters at full load and ambient temperature 25 °C, Subcooling 0.0 K			
Declared Cooling Capacity	Q_B	6.23	kW
Declared Power Input	P_B	2.31	kW
Declared COP	COP_B	2.70	
Parameters at full load and ambient temperature 15 °C, Subcooling 0.0 K			
Declared Cooling Capacity	Q_C	6.94	kW
Declared Power Input	P_C	1.94	kW
Declared COP	COP_C	3.58	
Parameters at full load and ambient temperature 5 °C, Subcooling 0.0 K			
Declared Cooling Capacity	Q_D	7.58	kW
Declared Power Input	P_D	1.64	kW
Declared COP	COP_D	4.63	
Parameters at full load and ambient temperature 43 °C, Subcooling 0.0 K			
Declared Cooling Capacity	Q_3	4.90	kW
Declared Power Input	P_3	3.19	kW
Declared COP	COP_3	1.54	
Other Items			
Capacity Control		Fixed	
Degredation Coefficient	Cds	0.25	
Unit suction line temperature	t11	20.00	°C

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