

SEPR-Report EN 13215:2016 E

Model: W99-4MK-35X

Refrigerant: R449A Arith. Mean Temp.

S.I.

Item	Symbol	Value (MT)	Unit
Evaporating Temperature	t	-10	°C
Annual Electricity Consumption	E	108283	kWh/a
Seasonal Energy Performance Ratio	SEPR	2.98	
Parameters at full load and ambient temperature 32 °C, Subcooling 0.0 K			
Rated Cooling Capacity	Q _A	52.52	kW
Rated Power Input	P _A	24.24	kW
Rated COP	COP _A	2.17	
Parameters at full load and ambient temperature 25 °C, Subcooling 0.0 K			
Declared Cooling Capacity	Q _B	58.18	kW
Declared Power Input	P _B	22.98	kW
Declared COP	COP _B	2.53	
Parameters at full load and ambient temperature 15 °C, Subcooling 0.0 K			
Declared Cooling Capacity	Q _C	66.19	kW
Declared Power Input	P _C	20.82	kW
Declared COP	COP _C	3.18	
Parameters at full load and ambient temperature 5 °C, Subcooling 0.0 K			
Declared Cooling Capacity	Q _D	74.05	kW
Declared Power Input	P _D	18.24	kW
Declared COP	COP _D	4.06	
Parameters at full load and ambient temperature 43 °C, Subcooling 0.0 K			
Declared Cooling Capacity	Q ₃	43.59	kW
Declared Power Input	P ₃	25.79	kW
Declared COP	COP ₃	1.69	
Other Items			
Capacity Control		Fixed	
Degradation Coefficient	Cds	0.25	
Unit suction line temperature	t11	20.00	°C
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