

## COOLING MODE

Model	: PERS.122M
Outdoor side heat exchanger	: Air
Indoor side heat exchanger	: Air
Type	: Compressor driven vapour compression
Driver of the compressor	: Electric Motor

Rated cooling capacity [kW] - $P_{rated,c}$	71,80
Seasonal space cooling energy efficiency [%] - $\eta_{s,c}$	199,0
Seasonal energy efficiency ratio - SEER	5,05
Sound power level, outdoor [dB] - $L_{WA}$	86

Declared cooling capacity for part load at given outdoor temperatures $T_j$ and indoor 27°C/19°C (Dry/Wet bulb)		
Pdc		
	Value	Unit
$T_j = + 35\text{ °C}$	71,80	[kW]
$T_j = + 30\text{ °C}$	50,15	[kW]
$T_j = + 25\text{ °C}$	38,79	[kW]
$T_j = + 20\text{ °C}$	40,02	[kW]

Declared efficiency of performance for part load at given outdoor temperature $T_j$		
EER <sub>d</sub>		
	Value	Unit
$T_j = + 35\text{ °C}$	3,34	-
$T_j = + 30\text{ °C}$	4,49	-
$T_j = + 25\text{ °C}$	5,78	-
$T_j = + 20\text{ °C}$	6,78	-

Degradation coefficient, for each part load condition where it is relevant <sup>1</sup> - $C_{dc}$	0,25
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Power input in modes other than active mode					
Off mode - $P_{OFF}$	0,00	[kW]		Crankcase heater mode - $P_{CK}$	0,00 [kW]
Thermostat-off mode - $P_{TO}$	0,02	[kW]		Standby mode - $P_{SB}$	0,03 [kW]

Capacity control	Staged
GWP of the refrigerant, kg CO <sub>2</sub> eq [100 years]	466
For air-to-air air conditioner: Airflow rate, outdoor measured [m <sup>3</sup> /h]	40497

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<sup>1</sup> If Cdc is not determined by measurement then the default degradation coefficient air conditioners shall be 0,25.