

## COOLING MODE

Model	: PERS.122G
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] - $P_{rated,c}$	73,47
Seasonal space cooling energy efficiency [%] - $\eta_{s,c}$	193,2
Seasonal energy efficiency ratio - SEER	4,90
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
$T_j = + 35\text{ °C}$	73,47	[kW]
$T_j = + 30\text{ °C}$	52,50	[kW]
$T_j = + 25\text{ °C}$	41,36	[kW]
$T_j = + 20\text{ °C}$	42,27	[kW]

Declared efficiency of performance for part load at given outdoor temperature $T_j$		
EER <sub>d</sub>		
	Value	Unit
$T_j = + 35\text{ °C}$	3,20	-
$T_j = + 30\text{ °C}$	4,39	-
$T_j = + 25\text{ °C}$	5,60	-
$T_j = + 20\text{ °C}$	6,72	-

Degradation coefficient, for each part load condition where it is relevant <sup>1</sup> - $C_{dc}$	0,25
--	------

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]	2088
For air-to-air air conditioner: Airflow rate, outdoor measured [m <sup>3</sup> /h]	40496

İmbat Soğutma Isıtma Makina Sanayi ve Ticaret A.Ş. KOSBİ Mh, 62. Sk. no:14, 35371 Kemalpaşa/İzmir Pbx: +90 232 877 21 01 <a href="http://www.imbat.com">www.imbat.com</a>
--

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