## COOLING MODE

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

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|---|---|
| Rated cooling capacity [kW] - $P_{rated,c}$ | 71,16 |
| Seasonal space cooling energy efficiency [%] - $\eta_{s,c}$ | 196,2 |
| Seasonal energy efficiency ratio - SEER | 4,98 |
| Sound power level, outdoor [dB] - $L_{WA}$ | 83 |

| Declared cooling capacity for part load at given outdoor temperatures $T_j$ and indoor 27°C/19°C (Dry/Welt bulb) | | |
|---|---|---|
| Pdc | | |
| | Value | Unit |
| $T_j$ = + 35 °C | 71,16 | [kW] |
| $T_j$ = + 30 °C | 49,58 | [kW] |
| $T_j$ = + 25 °C | 38,32 | [kW] |
| $T_j$ = + 20 °C | 39,52 | [kW] |

| Declared efficiency of performance for part load at given outdoor temperature $T_j$ | | |
|---|---|---|
| $EER_d$ | | |
| | Value | Unit |
| $T_j$ = + 35 °C | 3,31 | - |
| $T_j$ = + 30 °C | 4,44 | - |
| $T_j$ = + 25 °C | 5,70 | - |
| $T_j$ = + 20 °C | 6,66 | - |

| | |
|---|---|
| Degradation coefficient, for each part load condition where it is relevant[1] - $C_{dc}$ | 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 $CO_2$ eq [100 years] | 466 |
| For air-to-air air conditioner: Airflow rate, outdoor measured [$m^3$/h] | 40497 |

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[1] If Cdc is not determined by measurement then the default degradation coefficient air conditioners shall be 0,25.