

COOLING MODE

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| Model | : PERS.095M |
| 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] - $P_{rated,c}$ | 55,30 |
| Seasonal space cooling energy efficiency [%] - $\eta_{s,c}$ | 207,2 |
| Seasonal energy efficiency ratio - SEER | 5,25 |
| Sound power level, outdoor [dB] - L_{WA} | 81 |

| Declared cooling capacity for part load at given outdoor temperatures T_j and indoor 27°C/19°C (Dry/Wet bulb) | | |
|---|-------|------|
| Pdc | | |
| | Value | Unit |
| $T_j = + 35\text{ °C}$ | 55,30 | [kW] |
| $T_j = + 30\text{ °C}$ | 39,54 | [kW] |
| $T_j = + 25\text{ °C}$ | 29,19 | [kW] |
| $T_j = + 20\text{ °C}$ | 30,24 | [kW] |

| Declared efficiency of performance for part load at given outdoor temperature T_j | | |
|---|-------|------|
| EER _d | | |
| | Value | Unit |
| $T_j = + 35\text{ °C}$ | 3,36 | - |
| $T_j = + 30\text{ °C}$ | 4,68 | - |
| $T_j = + 25\text{ °C}$ | 6,04 | - |
| $T_j = + 20\text{ °C}$ | 7,09 | - |

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| Degradation coefficient, for each part load condition where it is relevant ¹ - 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] |

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| 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] | 24397 |

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