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|--|--|------------------------|-------|---|---|--|-------------------|-------|--------|
|  | | Heat Pump Space Heater | | Outdoor | HLT12MONO-S | | | | |
| | | | | Indoor | HLT-9-250-3S | | | | |
| Air-to-water heat pump | | Yes | | | | | | | |
| Water-to-water heat pump | | No | | | | | | | |
| Brine-to-water heat pump | | No | | | | | | | |
| Low Temperature heat pump | | Yes | | | | | | | |
| Equipped with a supplementary heater | | Yes | | | | | | | |
| Heat pump combination heater | | No | | | | | | | |
| Parameters shall be declared for medium temperature application, except for low temperature heat pumps. For low temperature heat pumps, parameters shall be declared for low-temperature application | | | | | | | | | |
| Parameters shall be declared for average climate conditions | | | | | | | | | |
| | | | | | | | | | |
| Item | | Symbol | Value | Unit | Item | | Symbol | Value | Unit |
| Rated Heat Output ⁽³⁾ | | Prated | 8.682 | kW | Seasonal space heating energy efficiency | | ηs | 187.5 | % |
| Declared capacity for heating for part load at indoor temperature 20°C and outdoor temperature Tj | | | | Declared capacity for heating for part load at indoor temperature 20°C and outdoor temperature Tj | | | | | |
| Tj = - 7 | | Pdh | 7.932 | kW | Tj = - 7 | | COPd or PERd | 2.87 | - or % |
| Tj = + 2 | | Pdh | 5.058 | kW | Tj = + 2 | | COPd or PERd | 4.71 | - or % |
| Tj = + 7 | | Pdh | 4.506 | kW | Tj = + 7 | | COPd or PERd | 6.83 | - or % |
| Tj = + 12 | | Pdh | 4.231 | kW | Tj = + 12 | | COPd or PERd | 8.40 | - or % |
| Tj = bivalent temperature | | Pdh | 7.932 | kW | Tj = bivalent temperature | | COPd or PERd | 2.87 | - or % |
| Tj = operation limit temperature | | Pdh | 7.215 | kW | Tj = operation limit temperature | | COPd or PERd | 2.65 | - or % |
| For air-to-water heat pumps: Tj = - 15°C (if TOL<-20°C) | | Pdh | | kW | For air-to-water heat pumps: Tj = - 15°C (if TOL<-20°C) | | COPd or PERd | | - or % |
| Bivalent Temperature | | Tdiv | -7 | °C | For air-to-water heat pumps: Operating limit temperature | | TOL | -10 | °C |
| Cycling interval capacity for heating | | Pcyc | | kW | Cycling interval efficiency | | COPcyc or PERcyc | | - or % |
| Degradation co-efficient | | Cdh | 0.90 | - | Heating water operating limit temperature | | WTOL | 60 | °C |
| Power Consumption in modes other than active mode | | | | Supplementary heater | | | | | |
| Off Mode | | P _{OFF} | 0.023 | kW | Rated heat output | | P _{sup} | 1.752 | kW |
| Thermostat off mode | | P _{TO} | 0.020 | kW | | | Electricity | | |
| Standby mode | | P _{SB} | 0.030 | kW | Type of energy input | | | | |
| Crankcase heater mode | | P _{CK} | 0.020 | kW | | | | | |
| Other Items | | | | Inverter | | | | | |
| Capacity Control | | Variable | | | For air-to-water heat pumps: Rated air flow, outdoors | | - | 3300 | m³/h |
| Sound power level, indoor/outdoor | | L _{WA} | 34/56 | dB | For water- or brine-to-water heat pumps: Rated brine or water flow rate, outdoor heat exchanger | | - | | m³/h |
| Annual energy consumption | | Q _{HE} | 3889 | kWh | | | | | |
| For heat pump combination heater | | | | | | | | | |
| Declared load profile | | | | | Water heating energy efficiency | | η _{wh} | | % |
| Daily Electricity consumption | | Q _{elec} | | kWh | Daily fuel consumption | | Q _{fuel} | | kWh |
| Annual electrical consumption | | AEC | | kWh | Annual fuel consumption | | AFC | | GJ |

⁽³⁾ For heat pump space heaters and heat pump combination heaters, the rated heat output *Prated* is equal to the design load for heating *Pdesignh*, and the rated heat output of a supplementary heater *Psup* is equal to the supplementary capacity for heating *sup(Tj)*.

⁽⁴⁾ If *Cdh* is not determined by measurement the the default degradation coefficient is *Cdh* = 0.9