

| Technical parameters | | | | | | | | | |
|--|--|---|--|--|--|-------|--|-----------|--|
| Model(s): | | | | KHC-06RY1-B | | | | | |
| Air-to-water heat pump: | | | | YES | | | | | |
| Water-to-water heat pump: | | | | NO | | | | | |
| Brine-to-water heat pump: | | | | NO | | | | | |
| Low-temperature heat pump: | | | | NO | | | | | |
| Equipped with a supplementary heater: | | | | NO | | | | | |
| Heat pump combination heater: | | | | NO | | | | | |
| Declared climate condition: | | | | COLDER | | | | | |
| Parameters are declared for medium-temperature application. | | | | | | | | | |
| | | | | | | | | | |
| Item | | | | Symbol | | Value | | Unit | |
| Rated heat output (*) | | | | Prated | | 4.3 | | kW | |
| Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature Tj | | | | Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature Tj | | | | | |
| Tj = -7°C | | Pdh | | 2.70 | | kW | | | |
| Tj = 2°C | | Pdh | | 1.60 | | kW | | | |
| Tj = 7°C | | Pdh | | 1.02 | | kW | | | |
| Tj = 12°C | | Pdh | | 1.37 | | kW | | | |
| Tj = bivalent temperature | | Pdh | | 3.47 | | kW | | | |
| Tj = operating limit | | Pdh | | 2.09 | | kW | | | |
| For air-to-water heat pumps: Tj = -15°C | | Pdh | | - | | kW | | | |
| Bivalent temperature | | Tbiv | | -15 | | °C | | | |
| Cycling interval capacity for heating | | Pcych | | - | | kW | | | |
| Degradation co-efficient (**) | | Cdh | | 0.9 | | -- | | | |
| Power consumption in modes other than active mode | | | | Supplementary heater | | | | | |
| Off mode | | Poff | | 0.014 | | kW | | | |
| Standby mode | | Psb | | 0.014 | | kW | | | |
| Thermostat-off mode | | Pto | | 0.024 | | kW | | | |
| Crankcase heater mode | | Pck | | 0.000 | | kW | | | |
| | | | | | | | | | |
| Other items | | | | | | | | | |
| Capacity control | | variable | | For air-to-water heat pumps: Rated air flow rate, outdoors | | - | | 2770 m³/h | |
| Sound power level, indoors/outdoors | | LWA | | - | | dB | | | |
| Annual energy consumption | | QHE | | 3681 | | kWh | | | |
| | | | | | | | | | |
| For heat pump combination heater: | | | | | | | | | |
| Declared load profile | | - | | Water heating energy efficiency | | ηlwh | | - | |
| Daily electricity consumption | | Qelec | | - | | kWh | | | |
| Annual electricity consumption | | AEC | | - | | kWh | | | |
| | | | | | | | | | |
| Contact details | | KLIMA-THERM Sp. z o. o. ul. Ostrobramska 101A, 04-041 Warszawa, Polska | | | | | | | |
| (*) 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). | | | | | | | | | |
| (**) If Cdh is not determined by measurement then the default degradation coefficient is Cdh = 0,9. | | | | | | | | | |