**Technical parameters for heat pump space heaters and heat pump combination heaters**

| | |
|---|---|
| Model(s): [information identifying the model(s) to which the information relates] | **CXAX 017 HE SN** |
| 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: | No |
| Heat pump combination heater: | Yes |

Parameters shall be declared for medium-temperature application, except for low-temperature heat pumps. For low- temperature heat pumps, parameters shall be declarec for low-temperature application.

Parameters shall be declared for average, colder and warmer climate conditions

| Item | Symbol | Value | Unit |
|---|---|---|---|
| Rated heat output (*) | Prated | 37 | kW |
| Declared capacity for heating for part load at indoor temperature 20 °C and outdoor temperature T j | | | |
| T j = – 7 °C | Pdh | 31,0 | kW |
| T j = + 2 °C | Pdh | 19,8 | kW |
| T j = + 7 °C | Pdh | 12,7 | kW |
| T j = + 12 °C | Pdh | 5,6 | kW |
| T j = bivalent temperature | Pdh | 31,1 | kW |
| T j = operation limit temperature | Pdh | 28,4 | kW |
| For air-to-water heat pumps: T j = – 15 °C (if TOL < – 20 °C) | Pdh | 0,0 | kW |
| Bivalent temperature | T biv | -6,0 | °C |
| Cycling interval capacity for heating | Pcych | 0,0 | kW |
| Degradation co-efficient (**) | Cdh | 0,0 | — |
| Power consumption in modes other than active mode | | | |
| Off mode | P OFF | 0,00 | kW |
| Thermostat-off mode | P TO | 0,28 | kW |
| Standby mode | P SB | 0,24 | kW |
| Crankcase heater mode | P CK | 0,24 | kW |
| Other items | | | |
| Capacity control | | Variable | |
| Sound power level, indoors/ outdoors | LWA | 85,945 | dB |
| Annual energy consumption | QHE | 75927 | kWh |
| Declared load profile | | Average | |
| Daily electricity consumption | Q elec | | |
| Annual electricity consumption | AEC | - | kWh |
| Contact details | TRANE 88190 Golbey - France | | |

| Item | Symbol | Value | Unit |
|---|---|---|---|
| Seasonal space heating energy efficiency | η s | 129 | % |
| Declared coefficient of performance or primary energy ratio for part load at indoor temperature 20 °C and outdoor temperature T j | | | |
| T j = – 7 °C | COPd or PERd | 2,48 | – or % |
| T j = + 2 °C | COPd or PERd | 3,18 | – or % |
| T j = + 7 °C | COPd or PERd | 4,26 | – or % |
| T j = + 12 °C | COPd or PERd | 4,14 | – or % |
| T j = bivalent temperature | COPd or PERd | 2,48 | – or % |
| T j = operation limit temperature | COPd or PERd | 2,24 | – or % |
| For air-to-water heat pumps: T j = – 15 °C (if TOL < – 20 °C) | COPd or PERd | 0,00 | – or % |
| For air-to-water heat pumps: Operation limit temperature | TOL | -10,00 | °C |
| Cycling interval efficiency | COPcyc or PERcyc | 0,00 | – or % |
| Heating water operating limit temperature | WTOL | 45,00 | °C |
| Supplementary heater | | | |
| Rated heat output (*) | Psup | 8,31 | kW |
| Type of energy input | | Electricity | |
| For air-to-water heat pumps: Rated air flow rate, outdoors | — | 14328 | m 3 /h |
| For water-/brine-to-water heat pumps: Rated brine or water flow rate, outdoor heat exchanger | — | 0 | m 3 /h |
| Water heating energy efficiency | η wh | x | % |
| Daily fuel consumption | Q fuel | 0 | kWh |
| Annual fuel consumption | AFC | - | Gj |

(*) 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.