This information was generated by the HP KEYMARK database on 17 Dec 2020

| Summary of | Buderus Logatherm WPS 64.2 HT | Reg. No. | 011-1W0165 |
|---|---|---|---|
| Certificate Holder | | | |
| Name | Bosch Thermotechnik GmbH (Buderus) | | |
| Address | Sophienstraße 30-32 | Zip | 35576 |
| City | Wetzlar | Country | Germany |
| Certification Body | DIN CERTCO Gesellschaft für Konformitätsbewertung mbH | | |
| Name of testing laboratory | RISE Research Institutes of Sweden AB | | |
| Subtype title | Buderus Logatherm WPS 64.2 HT | | |
| Heat Pump Type | Brine/Water | | |
| Refrigerant | R410a | | |
| Mass Of Refrigerant | 9.3 kg | | |

# Model: Buderus Logatherm WPS 64.2 HT

| General Data | |
|---|---|
| Power supply | 3x400V 50Hz |

## Heating

| EN 14511-2 | | |
|---|---|---|
| | **Low temperature** | **Medium temperature** |
| Heat output | 63.90 kW | 64.68 kW |
| El input | 12.10 kW | 21.81 kW |
| COP | 4.43 | 2.97 |
| Indoor water flow rate | 11.01 m³/h | 6.96 m³/h |

| EN 14511-4 | |
|---|---|
| | |
| Operating range outdoor exchanger/indoor exchanger lower limit/lower limit | passed |
| Operating range outdoor exchanger/indoor exchanger upper limit/upper limit | passed |
| Shutting off the heat transfer medium flow | passed |
| Complete power supply failure | passed |

## Average Climate

| EN 12102-1 | | |
|---|---|---|
| | **Low temperature** | **Medium temperature** |
| Sound power level indoor | 67 dB(A) | 67 dB(A) |

| EN 14825 | | |
|---|---|---|
| | **Low temperature** | **Medium temperature** |
| $\eta_s$ | 199 % | 158 % |
| Prated | 62.00 kW | 63.00 kW |
| SCOP | 5.17 | 4.14 |
| Tbiv | -10 °C | -10 °C |
| TOL | -10 °C | -10 °C |
| Pdh Tj = -7°C | 54.85 kW | 55.73 kW |
| COP Tj = -7°C | 4.52 | 3.36 |
| Pdh Tj = +2°C | 33.62 kW | 33.90 kW |
| COP Tj = +2°C | 5.28 | 4.21 |
| Pdh Tj = +7°C | 33.56 kW | 33.78 kW |
| COP Tj = +7°C | 5.40 | 4.50 |
| Pdh Tj = 12°C | 33.51 kW | 33.68 kW |
| COP Tj = 12°C | 5.49 | 4.74 |
| Pdh Tj = Tbiv | 63.90 kW | 64.68 kW |
| COP Tj = Tbiv | 4.43 | 2.97 |

| | | |
|---|---|---|
| Pdh Tj = TOL | 63.90 kW | 64.68 kW |
| COP Tj = TOL | 4.43 | 2.97 |
| Cdh | 1.00 | 1.00 |
| WTOL | 68 °C | 68 °C |
| Poff | 25 W | 25 W |
| PTO | 25 W | 25 W |
| PSB | 25 W | 25 W |
| PCK | 0 W | 0 W |
| Supplementary Heater: Type of energy input | Electric | Electric |
| Supplementary Heater: PSUP | 0.00 kW | 0.00 kW |
| Annual energy consumption Qhe | 24782 kWh | 31422 kWh |