Login

| Summary of | Buderus Logatherm WPS 10-1 | Reg. No. | 011-1W0182 |
|---|---|---|---|
| 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 | | |
| Subtype title | Buderus Logatherm WPS 10-1 | | |
| Heat Pump Type | Brine/Water | | |
| Refrigerant | R410A | | |
| Mass of Refrigerant | 2.4 kg | | |

# Model: Buderus Logatherm WPS 10-1

| Configure model | |
|---|---|
| Model name | Buderus Logatherm WPS 10-1 |
| Application | Heating (medium temp) |
| Units | Indoor |
| Climate Zone | n/a |
| Reversibility | No |
| Cooling mode application (optional) | n/a |

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

## Heating

| EN 14511-2 | | |
|---|---|---|
| | **Low temperature** | **Medium temperature** |
| Heat output | 10.15 kW | 9.33 kW |
| El input | 2.17 kW | 3.22 kW |
| COP | 4.68 | 2.90 |

| 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

EHPA Secretariat | Rue dArlon 63-67 | Phone: +32 2 400 10 17 | Email: secretariat@heatpumpkeymark.com | www.heatpumpkeymark.com

Disclaimer: this document is a summary of the certified performance.
The authoritative source of this information is the heat pump certificate as executed by the certification body and the related technical data.

## EN 12102-1

|  | Low temperature | Medium temperature |
|---|---|---|
| Sound power level indoor | 51 dB(A) | 51 dB(A) |

## EN 14825

|  | Low temperature | Medium temperature |
|---|---|---|
| $\eta_s$ | 190 % | 136 % |
| Prated | 11.00 kW | 11.00 kW |
| SCOP | 4.95 | 3.60 |
| Tbiv | -7 °C | -7 °C |
| TOL | -10 °C | -10 °C |
| Pdh Tj = -7°C | 9.90 kW | 9.30 kW |
| COP Tj = -7°C | 4.74 | 3.09 |
| Pdh Tj = +2°C | 10.00 kW | 9.50 kW |
| COP Tj = +2°C | 4.95 | 3.55 |
| Pdh Tj = +7°C | 10.00 kW | 9.60 kW |
| COP Tj = +7°C | 5.14 | 3.98 |
| Pdh Tj = 12°C | 10.10 kW | 9.80 kW |
| COP Tj = 12°C | 5.34 | 4.41 |
| Pdh Tj = Tbiv | 9.90 kW | 9.30 kW |
| COP Tj = Tbiv | 4.74 | 3.09 |

| | | |
|---|---|---|
| Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh | 9.90 kW | 9.20 kW |
| COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh | 4.63 | 2.88 |
| Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh | 1.00 | 1.00 |
| WTOL | 62 °C | 62 °C |
| Poff | 6 W | 6 W |
| PTO | 6 W | 6 W |
| PSB | 6 W | 6 W |
| PCK | 0 W | 0 W |
| Supplementary Heater: Type of energy input | Electricity | Electricity |
| Supplementary Heater: PSUP | 1.30 kW | 1.30 kW |
| Annual energy consumption Qhe | 4672 kWh | 6022 kWh |