

This information was generated by the HP KEYMARK database on 18 Mar 2022

[Login](#)

| | | | |
|---------------------|---|----------|------------|
| Summary of | Bosch Compress 7000 LW 22 | Reg. No. | 011-1W0152 |
| Certificate Holder | | | |
| Name | Bosch Thermotechnik GmbH | | |
| Address | Junkersstraße 20 - 24 | Zip | 73249 |
| City | Wernau | Country | Germany |
| Certification Body | DIN CERTCO Gesellschaft für Konformitätsbewertung mbH | | |
| Subtype title | Bosch Compress 7000 LW 22 | | |
| Heat Pump Type | Brine/Water | | |
| Refrigerant | R410A | | |
| Mass of Refrigerant | 4.5 kg | | |

Model: Bosch Compress 7000 LW 22

| Configure model | |
|-------------------------------------|---------------------------|
| Model name | Bosch Compress 7000 LW 22 |
| 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 | 22.90 kW | 23.27 kW |
| El input | 5.01 kW | 7.73 kW |
| COP | 4.57 | 3.01 |

| 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

This information was generated by the HP KEYMARK database on 18 Mar 2022

EN 12102-1

| | Low temperature | Medium temperature |
|--------------------------|-----------------|--------------------|
| Sound power level indoor | 57 dB(A) | 57 dB(A) |

EN 14825

| | Low temperature | Medium temperature |
|---------------|-----------------|--------------------|
| η_s | 207 % | 160 % |
| Prated | 21.00 kW | 21.00 kW |
| SCOP | 5.38 | 4.19 |
| Tbiv | -10 °C | -10 °C |
| TOL | -10 °C | -10 °C |
| Pdh Tj = -7°C | 18.58 kW | 18.58 kW |
| COP Tj = -7°C | 4.80 | 3.31 |
| Pdh Tj = +2°C | 11.77 kW | 11.78 kW |
| COP Tj = +2°C | 5.54 | 4.31 |
| Pdh Tj = +7°C | 11.76 kW | 11.77 kW |
| COP Tj = +7°C | 5.65 | 4.61 |
| Pdh Tj = 12°C | 11.74 kW | 11.76 kW |
| COP Tj = 12°C | 5.67 | 4.88 |
| Pdh Tj = Tbiv | 22.90 kW | 23.27 kW |
| COP Tj = Tbiv | 4.57 | 3.01 |

This information was generated by the HP KEYMARK database on 18 Mar 2022

| | | |
|---|-------------|-------------|
| $P_{dh} T_j = TOL$ or $P_{dh} T_j = T_{designh}$ if $TOL < T_{designh}$ | 22.90 kW | 23.27 kW |
| $COP T_j = TOL$ or $COP T_j = T_{designh}$ if $TOL < T_{designh}$ | 4.57 | 3.01 |
| $C_{dh} T_j = TOL$ or $P_{dh} T_j = T_{designh}$ if $TOL < T_{designh}$ | 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 | Electricity | Electricity |
| Supplementary Heater: PSUP | 0.00 kW | 0.00 kW |
| Annual energy consumption Q_{he} | 8072 kWh | 10349 kWh |