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| | | | |
|---------------------|---|----------|---------|
| Summary of | Bosch Compress 6000 10 LW | Reg. No. | n/a |
| 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 6000 10 LW | | |
| Heat Pump Type | Brine/Water | | |
| Refrigerant | R410A | | |
| Mass of Refrigerant | 2.4 kg | | |

Model: Bosch Compress 6000 10 LW

| Configure model | |
|-------------------------------------|---------------------------|
| Model name | Bosch Compress 6000 10 LW |
| 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 | 9.89 kW | 9.18 kW |
| El input | 2.27 kW | 3.28 kW |
| COP | 4.37 | 2.80 |

| 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

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EN 12102-1

| | Low temperature | Medium temperature |
|--------------------------|-----------------|--------------------|
| Sound power level indoor | 52 dB(A) | 52 dB(A) |

EN 14825

| | Low temperature | Medium temperature |
|---------------|-----------------|--------------------|
| η_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 |

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| | | |
|---|-------------|-------------|
| 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 |