

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

|                            |   |          |            |
|----------------------------|---|----------|------------|
| 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 |          |            |
| Name of testing laboratory | RISE Research Institutes of Sweden AB                 |          |            |
| 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

### 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                   |
| Indoor water flow rate | 3.94 m <sup>3</sup> /h | 2.51 m <sup>3</sup> /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

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### EN 12102-1

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

### EN 14825

|               | Low temperature | Medium temperature |
|---------------|-----------------|--------------------|
| $\eta_s$      | 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               |

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|  |          |           |
|--|----------|-----------|
| Pdh Tj = TOL                               | 22.90 kW | 23.27 kW  |
| COP Tj = TOL                               | 4.57     | 3.01      |
| 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              | 8072 kWh | 10349 kWh |