

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

| | | | |
|----------------------------|-------------------|----------|-------------|
| Summary of | CTC CombiAir 16M | Reg. No. | 012-C700078 |
| Certificate Holder | | | |
| Name | Enertech CTC AB | | |
| Address | Box 309, Näsvägen | Zip | SE-381 26 |
| City | Ljungby | Country | Sweden |
| Certification Body | RISE CERT | | |
| Name of testing laboratory | AIT | | |
| Subtype title | CTC CombiAir 16M | | |
| Heat Pump Type | Outdoor Air/Water | | |
| Refrigerant | R410a | | |
| Mass Of Refrigerant | 4 kg | | |
| Certification Date | 30.10.2020 | | |

Model: CTC CombiAir 16M

General Data

| | |
|--------------|-------------|
| Power supply | 1x230V 50Hz |
|--------------|-------------|

Heating

EN 14511-2

| | Low temperature | Medium temperature |
|------------------------|------------------------|------------------------|
| Heat output | 7.03 kW | 6.38 kW |
| El input | 1.45 kW | 2.04 kW |
| COP | 4.85 | 3.13 |
| Indoor water flow rate | 1.21 m ³ /h | 0.69 m ³ /h |

EN 14511-4

| Shutting off the heat transfer medium flow | passed |
|--|--------|
| Complete power supply failure | passed |
| Defrost test | passed |

Average Climate

EN 12102-1

| | Low temperature | Medium temperature |
|---------------------------|-----------------|--------------------|
| Sound power level outdoor | 61 dB(A) | 61 dB(A) |

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EN 14825

| | Low temperature | Medium temperature |
|---------------|------------------------|---------------------------|
| η_s | 176 % | 134 % |
| Prated | 14.50 kW | 14.00 kW |
| SCOP | 4.47 | 3.42 |
| Tbiv | -8 °C | -8 °C |
| TOL | -10 °C | -10 °C |
| Pdh Tj = -7°C | 12.90 kW | 12.50 kW |
| COP Tj = -7°C | 2.96 | 2.01 |
| Pdh Tj = +2°C | 7.90 kW | 7.60 kW |
| COP Tj = +2°C | 4.37 | 3.29 |
| Pdh Tj = +7°C | 5.10 kW | 4.90 kW |
| COP Tj = +7°C | 5.58 | 4.68 |
| Pdh Tj = 12°C | 6.40 kW | 6.80 kW |
| COP Tj = 12°C | 6.99 | 6.51 |
| Pdh Tj = Tbiv | 13.40 kW | 12.70 kW |
| COP Tj = Tbiv | 2.86 | 1.95 |
| Pdh Tj = TOL | 12.50 kW | 11.00 kW |
| COP Tj = TOL | 2.71 | 1.95 |
| Cdh | 0.97 | 0.98 |
| WTOL | 58 °C | 58 °C |

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| | | |
|--|-------------|-------------|
| Poff | 2 W | 2 W |
| PTO | 25 W | 16 W |
| PSB | 15 W | 15 W |
| PCK | 20 W | 20 W |
| Supplementary Heater: Type of energy input | electricity | electricity |
| Supplementary Heater: PSUP | 2.00 kW | 3.00 kW |
| Annual energy consumption Qhe | 6702 kWh | 8431 kWh |