

This information was generated by the HP KEYMARK database on 7 Jul 2022

[Login](#)

| | | | |
|---------------------|-------------------|----------|---------------|
| Summary of | CTC GS 6 | Reg. No. | 012-SC1212-17 |
| Certificate Holder | | | |
| Name | Enertech CTC AB | | |
| Address | Box 309, Näsvägen | Zip | SE-381 26 |
| City | Ljungby | Country | Sweden |
| Certification Body | RISE CERT | | |
| Subtype title | CTC GS 6 | | |
| Heat Pump Type | Brine/Water | | |
| Refrigerant | R407c | | |
| Mass of Refrigerant | 1.9 kg | | |

Model: CTC GS 6

| Configure model | |
|-------------------------------------|----------------|
| Model name | CTC GS 6 |
| Application | Heating + DHW |
| Units | Indoor |
| Climate Zone | Colder Climate |
| Reversibility | No |
| Cooling mode application (optional) | n/a |

| General Data | |
|------------------|-------------|
| Power supply | 3x400V 50Hz |
| Off-peak product | No |
| Phase-out Date | 25.10.2023 |

Heating

| 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 |

| EN 14511-2 | |
|-------------|---------------------------|
| | Medium temperature |
| Heat output | 5.18 kW |
| El input | 1.78 kW |
| COP | 2.91 |

Colder Climate

This information was generated by the HP KEYMARK database on 7 Jul 2022

EN 12102-1

| | Medium temperature |
|--------------------------|--------------------|
| Sound power level indoor | 41 dB(A) |

EN 14825

| | Medium temperature |
|---------------|--------------------|
| η_s | 143 % |
| Prated | 6.03 kW |
| SCOP | 3.78 |
| Tbiv | -18 °C |
| TOL | -22 °C |
| Pdh Tj = -7°C | 5.50 kW |
| COP Tj = -7°C | 3.65 |
| Pdh Tj = +2°C | 5.70 kW |
| COP Tj = +2°C | 4.12 |
| Pdh Tj = +7°C | 5.80 kW |
| COP Tj = +7°C | 4.47 |
| Pdh Tj = 12°C | 5.90 kW |
| COP Tj = 12°C | 4.75 |
| Pdh Tj = Tbiv | 5.30 kW |
| COP Tj = Tbiv | 3.18 |

This information was generated by the HP KEYMARK database on 7 Jul 2022

| | |
|---|-------------|
| Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh | 5.18 kW |
| COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh | 2.91 |
| Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh | 0.99 |
| WTOL | 65 °C |
| Poff | 18 W |
| PTO | 3 W |
| PSB | 18 W |
| PCK | 0 W |
| Supplementary Heater: Type of energy input | Electricity |
| Supplementary Heater: PSUP | 0.90 kW |
| Annual energy consumption Qhe | 1685 kWh |

Average Climate

| EN 12102-1 | |
|--------------------------|---------------------------|
| | Medium temperature |
| Sound power level indoor | 41 dB(A) |

| EN 14825 | |
|-----------------|---------------------------|
| | Medium temperature |
| η_s | 140 % |
| Prated | 6.41 kW |

This information was generated by the HP KEYMARK database on 7 Jul 2022

| | |
|---|---------|
| SCOP | 3.69 |
| Tbiv | -6 °C |
| TOL | -10 °C |
| Pdh Tj = -7°C | 5.30 kW |
| COP Tj = -7°C | 3.18 |
| Pdh Tj = +2°C | 5.60 kW |
| COP Tj = +2°C | 3.80 |
| Pdh Tj = +7°C | 5.70 kW |
| COP Tj = +7°C | 4.19 |
| Pdh Tj = 12°C | 5.80 kW |
| COP Tj = 12°C | 4.62 |
| Pdh Tj = Tbiv | 5.37 kW |
| COP Tj = Tbiv | 3.30 |
| Pdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh | 5.18 kW |
| COP Tj = TOL or COP Tj = Tdesignh if TOL < Tdesignh | 2.91 |
| Cdh Tj = TOL or Pdh Tj = Tdesignh if TOL < Tdesignh | 0.99 |
| WTOL | 65 °C |
| Poff | 18 W |
| PTO | 106 W |
| PSB | 18 W |
| PCK | 0 W |

| | |
|--|-------------|
| Supplementary Heater: Type of energy input | Electricity |
| Supplementary Heater: PSUP | 1.10 kW |
| Annual energy consumption Q _{he} | 1685 kWh |

Domestic Hot Water (DHW)

Colder Climate

| EN 16147 | |
|---------------------------------|------------|
| | |
| Declared load profile | XL |
| Efficiency η_{DHW} | 100 % |
| COP | 2.50 |
| Heating up time | 2:14 h:min |
| Standby power input | 57.0 W |
| Reference hot water temperature | 49.7 °C |
| Mixed water at 40°C | 239 l |

Average Climate

This information was generated by the HP KEYMARK database on 7 Jul 2022

| EN 16147 | |
|---------------------------------|------------|
| Declared load profile | XL |
| Efficiency η_{DHW} | 100 % |
| COP | 2.50 |
| Heating up time | 2:14 h:min |
| Standby power input | 57.0 W |
| Reference hot water temperature | 49.7 °C |
| Mixed water at 40°C | 239 l |