

AIR TO AIR TE EXCHANGER STANDARD PRODUCT

Climatherm 400 Series



FEATURES

- RoHS EU Compliant
- For information regarding additional ordering options available, please contact us

AIR TO AIR TE EXCHANGER STANDARD PRODUCT CLIMATHERM 400 SERIES

Specifications

| | |
|---------------------|--------------------------|
| Weight (kg) | 5.5 |
| Overtemp Thermostat | 100°C ± 5°C (Both Sinks) |
| Operating Temp | -10°C to 60°C |

Ordering Options

| Model Number | Description |
|----------------|-----------------------|
| CTA400-0001-01 | 24V, Hot Side Wiring |
| CTA400-0001-02 | 24V, Cold Side Wiring |
| CTA400-0001-03 | 48V, Hot Side Wiring |
| CTA400-0001-04 | 48V, Cold Side Wiring |
| CTA400-0004-01 | 24V, Hot Side Wiring |
| CTA400-0004-02 | 24V, Cold Side Wiring |
| CTA400-0004-03 | 48V, Hot Side Wiring |
| CTA400-0004-04 | 48V, Cold Side Wiring |

Operation Cautions

For maximum reliability, storage and operation below 60°C in a non-condensing environment is recommended.

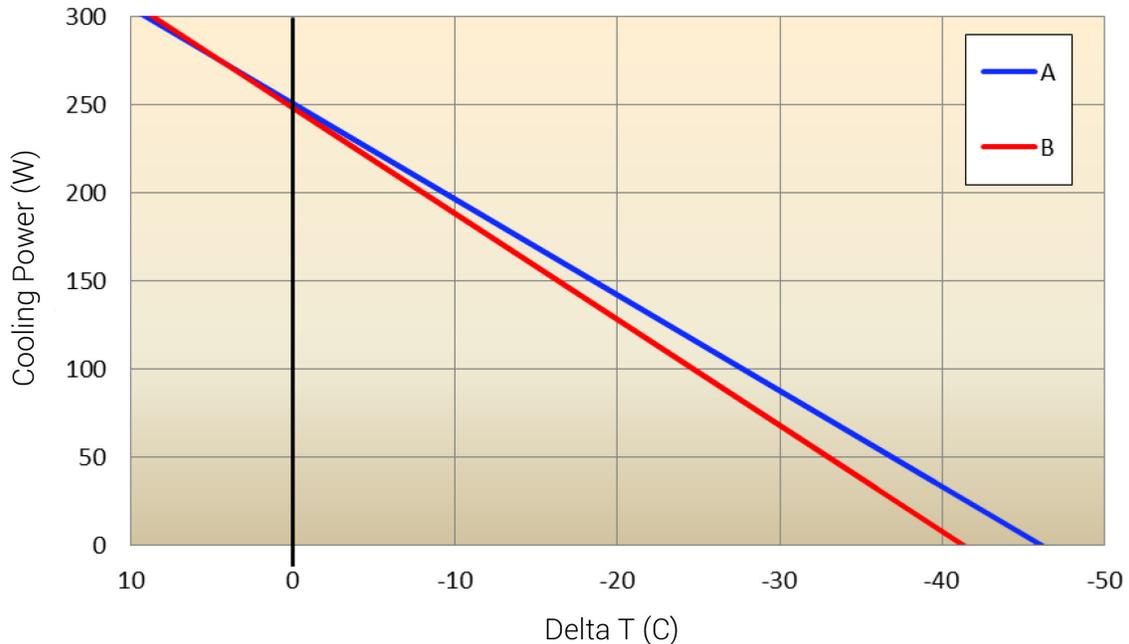
WARNING: THIS PRODUCT CAN EXPOSE YOU TO NICKEL, WHICH IS KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER. FOR MORE INFORMATION GO TO

www.P65warnings/ca.gov

Installation

Recommended mounting methods: Attach through provided mounting holes with M5 hardware. Mounting template 489-1828 available.

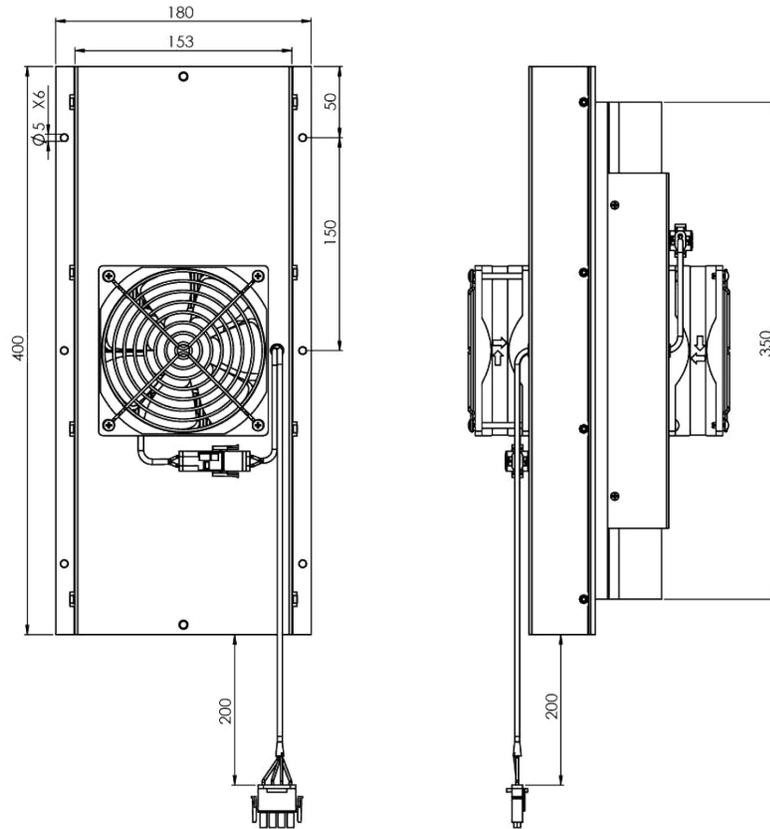
Typical Performance Curves



For performance information, please contact us.

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Mechanical Characteristics



All units are in millimeters unless otherwise stated.

Typical Performance Values

| Electrical Connections | | |
|------------------------|-------|-------------|
| Color | PIN # | Description |
| White | 1 | TEC "+" |
| Blue | 2 | TEC "-" |
| Red | 3 | Fans "+" |
| Black | 4 | Fans "-" |

| Connectors | |
|------------|-------------------|
| Plug | Tyco P/N 480702-0 |
| Socket | Tyco P/N 480703-0 |
| PIN Plug | Tyco P/N 350547-1 |
| PIN Socket | Tyco P/N 350550-1 |

| Model Number | Voltage | Current | Cooling Power @ 0 dT | COP | Performance Curve |
|----------------|-----------|-----------|----------------------|------|-------------------|
| | (nom/max) | (nom/max) | W | dB-A | |
| CTA400-0001-XX | 24/28 | 14/16 | 246 | 0.71 | A |
| | 48/56 | 7/8 | 246 | 0.71 | A |
| CTA400-0004-XX | 24/28 | 11/12 | 248 | 0.92 | B |
| | 48/56 | 5.6/6.5 | 248 | 0.92 | B |

IP55 RATED FANS