

AIR TO AIR TE EXCHANGER STANDARD PRODUCT

Climatherm 305 Series



FEATURES

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

AIR TO AIR TE EXCHANGER STANDARD PRODUCT CLIMATHERM 305 SERIES

Specifications

Weight (kg)	4.8
Overtemp Thermostat	100°C ± 5°C (Both Sinks)
Operating Temp	-10°C to 60°C

Ordering Options

Model Number	Description
CTA305-0001-01	24V, Hot side wiring
CTA305-0001-02	24V, Cold side wiring
CTA305-0002-01	24V, Hot side wiring
CTA305-0002-02	24V, Cold side wiring
CTA305-0003-01	24V, Hot side wiring
CTA305-0003-02	24V, Cold side wiring

Operation Cautions

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

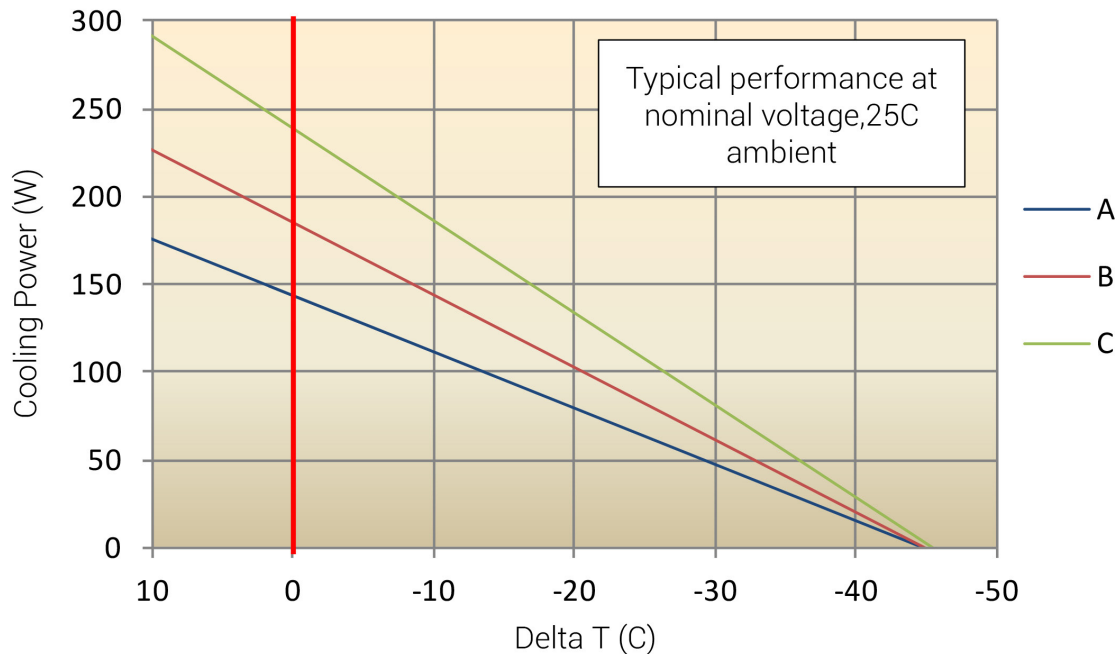
WARNING: THIS PRODUCT CAN EXPOSE YOU TO NICKEL, WHICH IS KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER. FOR MORE INFORMATION GO TO

www.P65warnings/ca.gov

Installation

Recommended mounting methods: Attach through provided mounting holes with M5 hardware. Mounting template 489-1882 available.

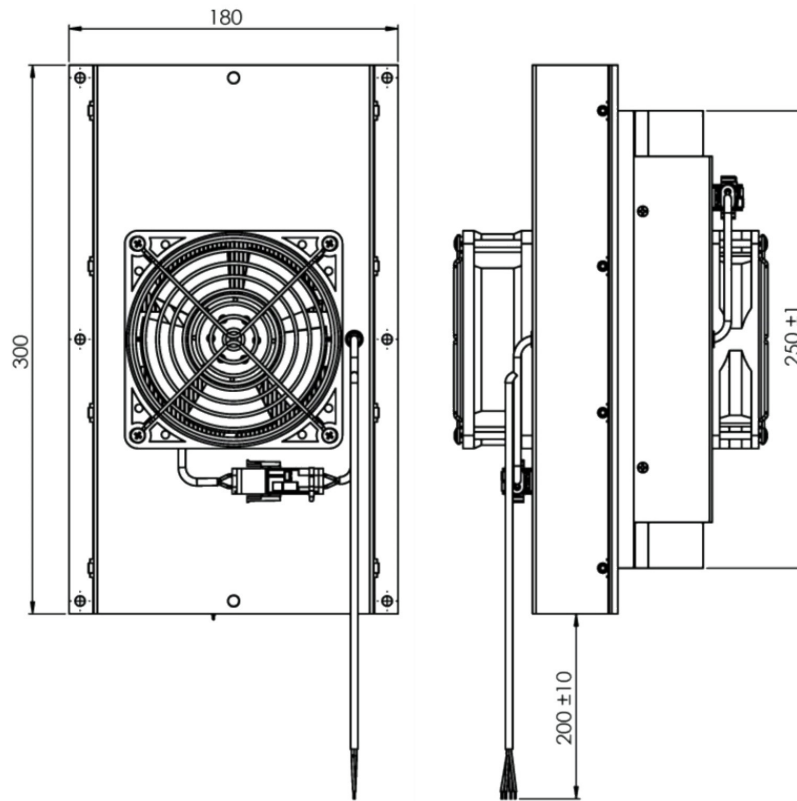
Typical Performance Curves



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

Available Configurations					
Model Number	Voltage (nom/max)	Current (nom/max)	Cooling Power 0 dT	External Fan Rating	Curve
	V	A	W	dB-A	
CTA305-0001	24/28	7.5/9	143	51	A
CTA305-0002	24/28	10.6/12	185	51	B
CTA305-0003	24/28	14/16	239	58.5	C