Cool Touch™ 200

MADE IN THE USA

The Cool Touch™ 200 Heat Torch is a robust air heating tool designed to satisfy the most demanding requirements. In-service applications include high capacity staking, curing, drying, heat-shrinking, sterilization, adhesive activation, air scrubbing, and air knives. The CoolTouch™200 HeatTorch heating element is contained in a 2.5" diameter stainless steel pipe. The heater body is 5.0" long for power ratings from 500 to 4250 watts, 9.0" for power ratings of 4500 to 8500 watts and 13.0" for power ratings from 9000 to 12500 watts. The standard power increments are 250 watts, 500 watts, and 1000 watts respectively.

Allowable air flow is from 9.6 to 100 SCFM. The maximum air input temperature is 250° F. Maximum air output temperature is 1300 °F. The standard inlet fitting is a 1" NPT female. Standard outlets are a 1.25" NPT female fitting and no exhaust fitting.

MAX WATT	MAX INLET	MAX EXHAUST	MIN SCFM	MAX SCFM	PSIG*
12500 W	250º F	1300º F	9.6	100	120

* with minimal leakage.

Specifications

Mounting.....Horizontal / Vertical
Leads.....12 Gauge, 12" long
Heater Body.....Stainless Steel
Heater Fittings.....Stainless Steel

Wattage and Voltage Options

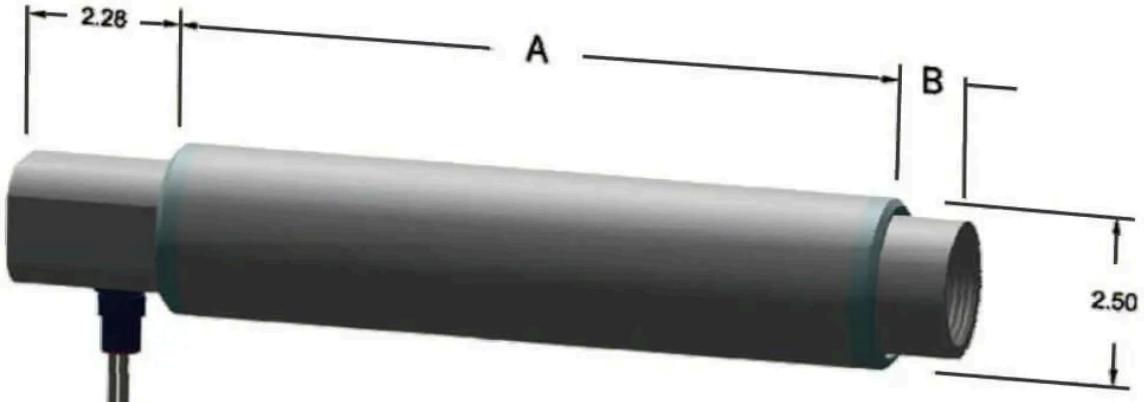
120V, single phase, .5kW-2.5kW
240V, single phase, 1.0kW-8.5kW
240V, three phase, 4.5kW-12.5kW
480V, single phase, 4.5kW-12.5kW
480V, single phase, 1.5kW-12.5kW

Applications

- High Capacity Staking
- Curing
- Adhesive Activation
- Drying
- Heat Shrinking
- Sterilization
- Air Knives
- Air Scrubbing

Options

- Thermocouple Fitting
- Thermocouple
- Flexible Conduit
- Heat Shield



WATTAGE	HEATER BODY DIM. A
500-4250	5.00
4500-8500	9.00
8750-12500	13.00

EXHAUST FITTING	DIM. B
1-1/4F	1.13
NF	0.10

Resources

BROCHURES
Cool Touch™ 200

MANUALS
Quickstart Guide

DRAWINGS
CT200 Dimensions.PDF

3D DRAWINGS
CT200-1CER-1F-1-1-4=TF2.STP

CT200-1CER-1F-NF-TF2.STP
CT200-1CER-1F-NF-X.STP
CT200-2CER-1F-NF-TF2.STP
CT200-3CER-1F-1-1-4-TF2.STP
CT200-3CER-1F-1NF-TF2.STP

VIDEOS
Product Demonstration
Process Heaters

Cool Touch™ inline heaters are engineered for high-temperature performance in environments where operator proximity, comp exposed tooling require low external temperatures. Their insulated, triple-pass design enables precise, focused heat delivery w cool enough for safe handling and integration.

Staking and Heat Forming – Apply precise heat to small thermoplastic components for staking, forming, or assembly in pro environments.

Curing Coatings and Adhesives – Deliver uniform heat to cure adhesives, coatings, and films with consistency, improving bo reliability.

Adhesive Activation – Activate pressure-sensitive or heat-activated adhesives in small components, packaging, or electronic

Drying Processes – Efficiently dry materials, coatings, or parts with controlled airflow, reducing process times and improving

Heat Shrinking – Shrink tubing or wrap materials accurately around components without damaging surrounding areas. Ste temperature airflow for sterilizing laboratory instruments, packaging, or medical components, particularly in small-scale or b

Adhesive activation – Improve bond performance by applying uniform heat to tapes, films, or structural adhesives.

Laboratory Research and Testing – Deliver precise thermal input for material studies, prototype testing, and experimental setups requiring controlled air heating.

OEM and Production Line Integration – Compact, reliable heating for assembly systems, automated stations, or modular equipment requiring localized, repeatable heating.

Prototype Development and Process Optimization – Ideal for engineers and researchers developing or refining thermal processes, allowing for fast iterations and adjustments.

Electronics Rework and Soldering Support – Focused airflow is suitable for de-soldering, reflow, or delicate thermal applications on small electronic components.

Material Conditioning and Preheating – Preheat components before bonding, forming, or processing, ensuring consistent quality and minimizing thermal shock.

The Cool Touch™ 200's combination of high exhaust temperatures, operator-safe external surfaces, and compact, triple-pass design makes it an exceptional choice for precision heating tasks across laboratory, industrial, and OEM environments. Its ability to deliver consistent, high-performance heat while minimizing external temperature and

energy loss enables users to achieve safe, reliable, and repeatable results in applications where accuracy and efficiency are essential.