

# COOL TOUCH™



Shown with optional inlet & exhaust fittings

# CT200

- The Cool Touch™ 200 process heater Heat Torch is a robust air heating device 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 Cool Touch™ 200 Heat Torch heating element is contained in a 2.5" diameter stainless steel pipe. The heater body is 6.0" long for power ratings from 1000 to 4250 watts, 10.0" for power ratings of 4500 to 8500 watts, and 14.0" 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. Maximum air input temperature is 250° F. Maximum air output temperature is 1300° F.

Wattage	Min. SCFM Req.
1.0kW	9.6
4.0kW	9.6
5.0kW	12.4
6.0kW	14.8
7.0kW	17.0
8.0kW	19.3
9.0kW	21.4
10.0kW	23.5
11.0kW	25.5
12.5kW	28.4

Airflow (SCFM)	0.5kW-4.25kW Pressure Drop (psig)	4.5kW-8.5kW Pressure Drop (psig)	8.75kW-12.5kW Pressure Drop (psig)
10	0.6	1.2	1.8
20	1.6	3.2	4.8
30	3.0	6.1	9.1
40	4.9	9.8	14.7
50	7.2	14.3	21.5
60	9.8	19.7	29.5
70	12.9	25.8	38.7
80	16.4	32.9	49.3
90	20.4	40.7	61.1
100	24.7	49.4	74.1

### Wattage & 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

### Fitting Options

**Inlet Fitting:**  
 1F- 1" FNPT

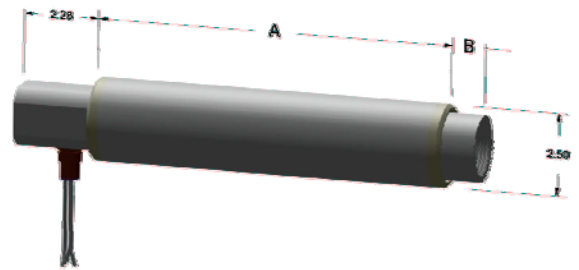
**Exhaust Fitting:**  
 1 1/4F- 1/4" FNPT  
 NF- No Fitting

### Other Options

Thermocouple Fitting  
 Thermocouple  
 Flexible Conduit  
 Heat Shield

### Specifications

<b>Category:</b>	Process Heaters, Inline Heaters, Open Coil Heaters
Max. wattage:	12.5kW
Max. exhaust air temp.:	1300°F
Max. inlet air temp.:	250°F
(consult factory for higher inlet temp.)	
Max. SCFM:	100
Pressure Rating:	120 psig
Mounting:	Horizontal/Vertical
Leads:	12 gauge (12" long)
Heater Body:	Stainless Steel
Inlet Fitting:	Stainless Steel
Exhaust Fitting:	Stainless Steel



Wattage	Heater Body Dim. A	Exhaust Fitting	Dim. B
0.5kW-4.25kW	6.02	1 1/4F	1.0
4.5kW-8.5kW	9.99	NF	0.10
8.75kW-12.5kW	13.96		

### Part Number Key

CT200	1000	120	1	1F	NF	TF1	(XXX)
Cool Touch 200	Wattage	Voltage	Phase	Inlet Fitting	Exhaust Fitting	Thermocouple Fitting	Modification

