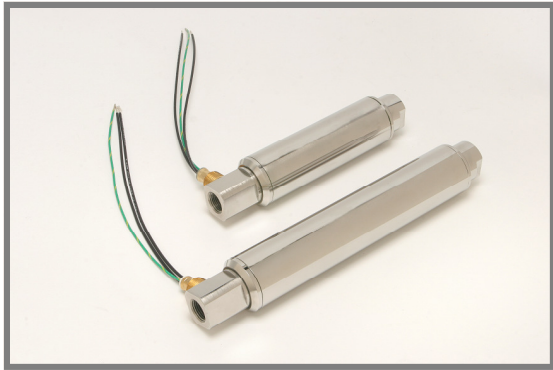


COOL TOUCH™



Shown with optional inlet & exhaust fittings

CT150

- The Cool Touch™ 150 process heater Heat Torch is a robust air heating device designed for high reliability, long life and substantial air flow. In-service applications include staking, curing, drying, heat-shrinking, sterilization, adhesive activation, air scrubbing and air knives.
- The Cool Touch™ 150 Heat Torch heating element is contained in a 2.0" diameter stainless steel pipe. The heater body is 4.70" long for power ratings from 500 to 2500 watts, and 8.31" long for power ratings of 2750 to 5000 watts. The standard power increments are 250 watts and 500 watts, respectively.
- Allowable air flow is from 4.8 to 70 SCFM. Maximum air input temperature is 250°F. Maximum allowable air output temperature is 1300° F.
- The standard inlet fitting is a 1/2" NPT female. Standard outlets include 1/4", 1/2" and 1" NPT female fittings and no exhaust fitting.

Wattage & Voltage Options

120V, single phase, 0.5kW-2.5kW
 208V, single phase, 0.5kW-5.0kW
 208V, three phase, 1.0kW-5.0kW
 240V, single phase, 0.5kW-5.0kW
 240V, three phase, 1.0kW-5.0kW
 480V, single phase, 1.5kW-5.0kW
 480V, three phase, 2.0kW-5.0kW

Other Options

Thermocouple Fitting
 Thermocouple
 Flexible Conduit

Fitting Options

Inlet Fitting:
 1/2F - 1/2" F NPT
 R1/2 - 1/2"-14 F BSPT

Exhaust Fitting:
 1/4F- 1/4" F NPT
 1/2F- 1/2" F NPT
 1F- 1" F NPT
 NF- No Fitting
 R1 - 1"-11 F BSPT

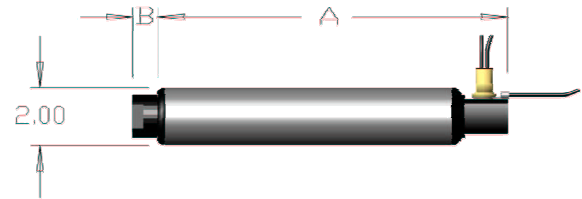
Specifications

Category: Process Heaters,
 Inline Heaters, Open Coil Heaters
Max. wattage: 5.0kW
Max. exhaust air temp.: 1300°F
Max. inlet air temp.: 250°F
Max. SCFM: 70
Max allowable pressure: 120 PSIG
Mounting: Horizontal/Vertical
Leads: 14 gauge (12" long)
Heater Body: 304 Stainless Steel
Inlet Fitting: 303/304 Stainless Steel
Outlet Fitting: 303/304 Stainless Steel



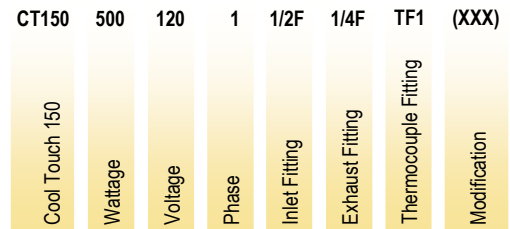
Wattage	Min. SCFM Req.
0.5kW	4.8
1.0kW	4.8
1.5kW	4.8
2.0kW	4.8
2.5kW	5.3
3.0kW	6.6
3.5kW	7.9
4.0kW	9.3
4.5kW	10.8
5.0kW	12.4

Airflow (SCFM)	0.5kW-2.5kW Pressure Drop (psig)	2.75kW-5kW Pressure Drop (psig)
5	1.2	1.6
10	3.1	3.8
20	5.2	7.5
30	8.0	12.0
40	12.0	16.3
50	15.5	21.6
60	19.5	26.8
70	24.0	32.0



Wattage	Heater Body Dim. A	Exhaust Fitting	Dim. B
0.5kW-2.5kW	8.24	1/4F	0.83
2.75kW-5kW	12.14	1.2F	0.88
		1F	0.87
		NF	0.06

Part Number Key



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