COOL TOUCH™

CT150

Shown with optional inlet & exhaust fittings

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

- 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 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	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

Wattage & Voltage Options

120V, single phase, 0.5kW-2.5kW
240V, single phase, 0.5kW-5.0kW
240V, three phase, 2.75kW-5kW
480V, three phase, 2.75kW-5kW

Other Options

Thermocouple Fitting
Thermocouple
Flexible Conduit

Fitting Options

Inlet Fitting:
1/2F- 1/2" FNPT

Exhaust Fitting:
1/4F- 1/4" FNPT
1/2F- 1/2" FNPT
1F- 1" FNPT
NF- No Fitting

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
(consult factory for higher inlet temp.)	
Max. SCFM:	70
Pressure Rating:	120 PSIG
Mounting:	Horizontal/Vertical
Leads:	14 gauge (12″ long)
Heater Body:	Stainless Steel
Inlet Fitting:	Stainless Steel
Exhaust Fitting:	Stainless Steel

Part Number Key

CT150	500	120	1	1/2F	1/4F	TF1	(XXX)
Cool Touch 150	Wattage	Voltage	Phase	Inlet Fitting	Exhaust Fitting	Thermocouple Fitting	Modification