





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 activa-

tion, 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 Op	otions
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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

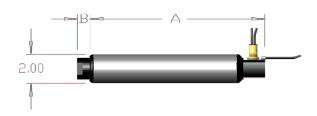
Max. wattage: 5.0kW
Max. exhaust air temp.: 1300°F
Max. inlet air temp.: 250°F
Max. SCFM: 70
Max allowable pressure: 120 PSIG
Mayuring: Herizantal

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	W 12.14 1.2F		0.88	
		1F	0.87	
		NF	0.06	

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





20 Revised 8/3/2015