

# COOL TOUCH™



Shown with optional inlet & exhaust fittings

# CT050

- The Cool Touch™ 050 process heater features a triple-pass construction that minimizes skin temperatures on the heater. The high-efficiency design focuses heat where needed, protecting people and product from unnecessarily hot surfaces.
- The triple-pass design offers superior performance in heat cycling applications due to high internal thermal storage capacity. Outlet temperature quickly stabilizes when power is applied and regulation is easily maintained.
- Our Cool Touch™ 050 is a 1" diameter process heater which can provide up to 600 watts and handle up to 7.5 SCFM of air. Outlet temperatures up to 1300° F can be supplied for your

### Wattage & Voltage Options

120V, single phase, 0.1kW-0.5kW  
240V, single phase, 0.2kW-0.6kW

### Fitting Options

**Inlet Fitting:**  
1/8F- 1/8" FNPT  
CB- Counterbore 1/2" O.D.

### Other Options

Thermocouple Fitting  
Thermocouple  
Flexible Conduit

**Exhaust Fitting:**  
1/4F- 1/4" FNPT  
3/8F- 3/8" FNPT

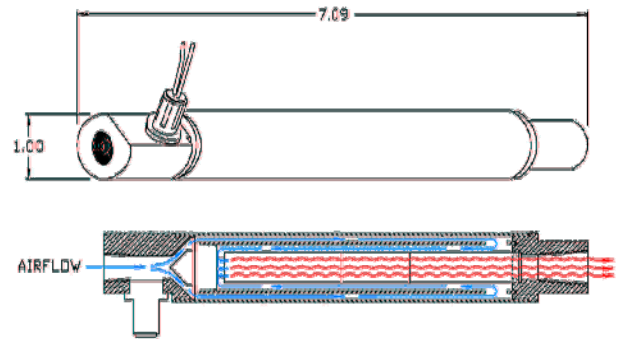
### Specifications

Category:	Process Heaters, Inline Heaters, Open Coil Heaters
Max. wattage:	0.6kW
Max. exhaust air temp.:	1300°F
Max. inlet air temp.:	250°F
(consult factory for higher inlet temp.)	
Max. SCFM:	7.5
Pressure Rating:	120 psig
Mounting:	Horizontal/Vertical
Leads:	20 gauge (12" long)
Heater Body:	Stainless Steel
Inlet Fitting:	Stainless Steel
Exhaust Fitting:	Stainless Steel



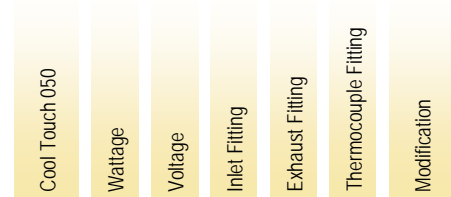
Wattage	Min. SCFM Req.
0.1kW	1.0
0.2kW	1.0
0.3kW	1.0
0.4kW	1.0
0.5kW	1.0
0.6kW	1.0

Airflow (SCFM)	Pressure Drop (psig)
1.0	0.3
2.0	1.3
3.0	3.0
4.0	5.3
5.0	8.3
6.0	12.0
7.0	16.2
7.5	19.0



### Part Number Key

CT050 100 120 1/8F 1/4F TF1 (XXX)



# SOUTHEAST THERMAL SYSTEMS

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