

COOL TOUCH™



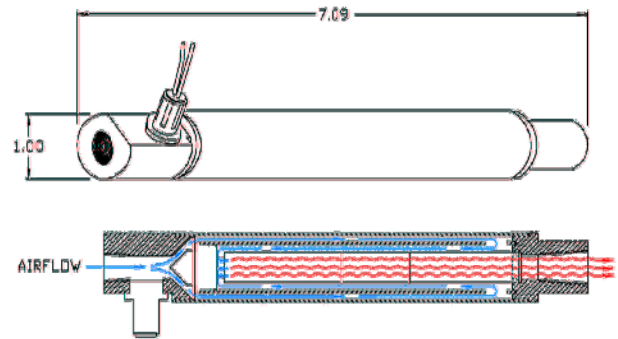
Shown with optional inlet & exhaust fittings

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	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



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



Part Number Key

CT050	100	120	1/8F	1/4F	TF1	(XXX)
Cool Touch 050	Wattage	Voltage	Inlet Fitting	Exhaust Fitting	Thermocouple Fitting	Modification