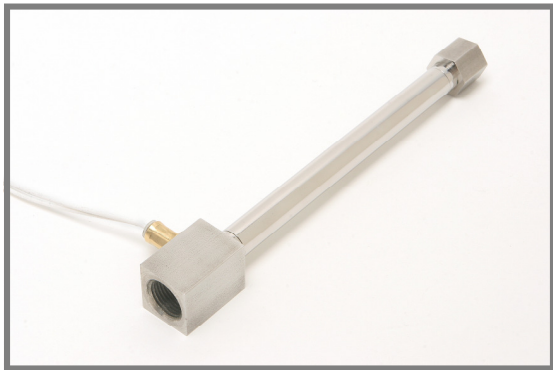


# HEAT TORCH™



Shown with optional inlet & exhaust fittings

# HT050

- This 0.5" diameter Heat Torch™ 050 In-line Heater is compact and reliable when moderate amounts of focused air are required.
- The Heat Torch™ 050 Air Heater has allowable air flow ranging from 1 to 10 SCFM and is available in power ratings of 100 watts to 500 watts (with standard increments of 50 watts). Maximum air input temperature is 250°F (121°C) with 1300°F (704°C) maximum output.
- Applications for Heat Torch™ 050 include staking, curing, drying, heat shrinking, sterilization, and adhesive activation.

### Wattage & Voltage Options

120V, single phase, 0.1kW-0.6kW  
 208V, single phase, 0.2kW-0.55kW  
 240V, single phase, 0.2kW-0.6kW

### Other Options

Thermocouple Fitting  
 Thermocouple  
 Flexible Conduit

### Fitting Options

**Inlet Fitting:**  
 1/8F- 1/8" FNPT  
 3/8F- 3/8" FNPT  
 CB- Counterbore 1/2" O.D.

**Exhaust Fitting:**  
 1/8F- 1/8" FNPT  
 1/4F- 1/4" FNPT  
 NF- No Fitting

### Specifications

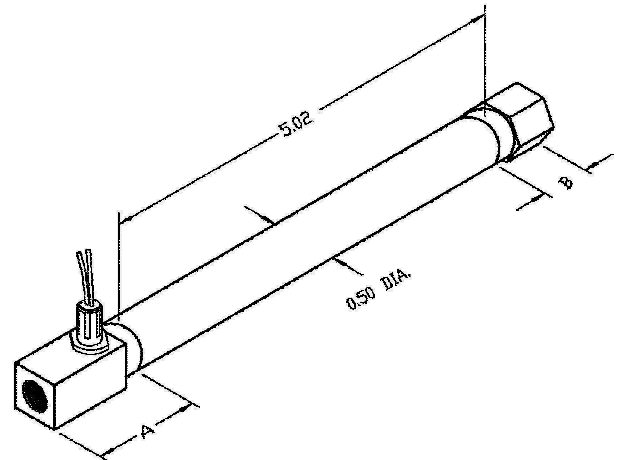
#### Category:

**Inline Heaters,  
 Process Heaters,  
 Open Coil Heaters**

Max. wattage: 0.6kW  
 Max. exhaust air temp.: 1300°F  
 Max. inlet air temp.: 250°F  
 Max. SCFM: 10  
 Max Allowable Pressure: 120 psig  
 Mounting: Horizontal/Vertical  
 Leads: 20 gauge (12" long)  
 Heater Body: 304 Stainless Steel  
 Inlet Fitting: 303/304 Stainless Steel  
 Exhaust Fitting: 303/304 Stainless Steel



Wattage	Min. SCFM Req.	Airflow (SCFM)	Pressure Drop (psig)
0.1kW	1.0	1	.53
0.2kW	1.0	2	2.1
0.3kW	1.0	3	4.7
0.4kW	1.0	4	8.4
0.5kW	1.0	5	13.2
0.6kW	1.0	6	19.0
		7	25.8
		8	33.7
		9	42.7
		10	52.7



Inlet Fitting	Dim. A	Exhaust Fitting	Dim. B
1/8F	1.32	1/8F	0.54
3/8F	1.45	1/4F	0.85
CB	1.32	NF	0.04

### Part Number Key

HT050	100	120	1/8F	1/8F	TF1	(XXX)
Heat Torch 050	Wattage	Voltage	Inlet Fitting	Exhaust Fitting	Thermocouple Fitting	Modification



**SOUTHEAST  
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