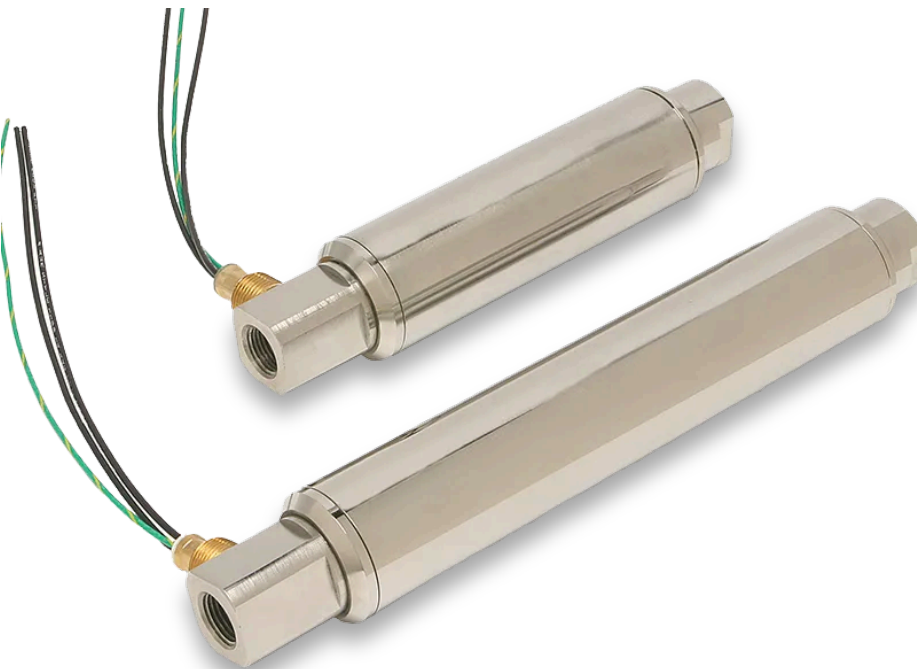


Heat Torch™ 150



The Heat Torch™ 150 heating element is contained in a 1 1/2" diameter stainless steel pipe. The Heat Torch™ 150 comes in two sizes. The 4.7" long heater body accommodates ratings from 500 to 2500 watts (with standard power increments of 250 watts). The 8.3" long heater body handles ratings of 2750 to 5000 watts (with standard power increments of 500 watts). Heat Torch™ 150 has allowable compressed air flow ranging from 4.8 to 70 SCFM. Maximum air input temperature is 250°F (121°C) with 1300°F (704°C) maximum output temperature. Standard inlet fitting is 1/2" NPT female. Standard outlet fittings include 1/4", 1/2", and 1" female NPT fittings or no exhaust fitting. UL Listed.

Heat Torch™ 150 is designed for high reliability, long life, and substantial air flow. Applications include staking, curing, drying, heat-shrinking, sterilization, adhesive activation, air scrubbing, and air knives. Ideal for heating any non-combustible gas.



MAX WATT	MAX INLET	MAX EXHAUST	MIN SCFM	MAX SCFM	PSIG*
5000 W	250° F	1300° F	4.8	70	120

* with minimal leakage.

Specifications

Mounting.....	Horizontal / Vertical
Leads.....	14 Gauge, 12" long
Heater Body.....	Stainless Steel
Heater Fittings.....	Stainless Steel

Wattage and Voltage Options

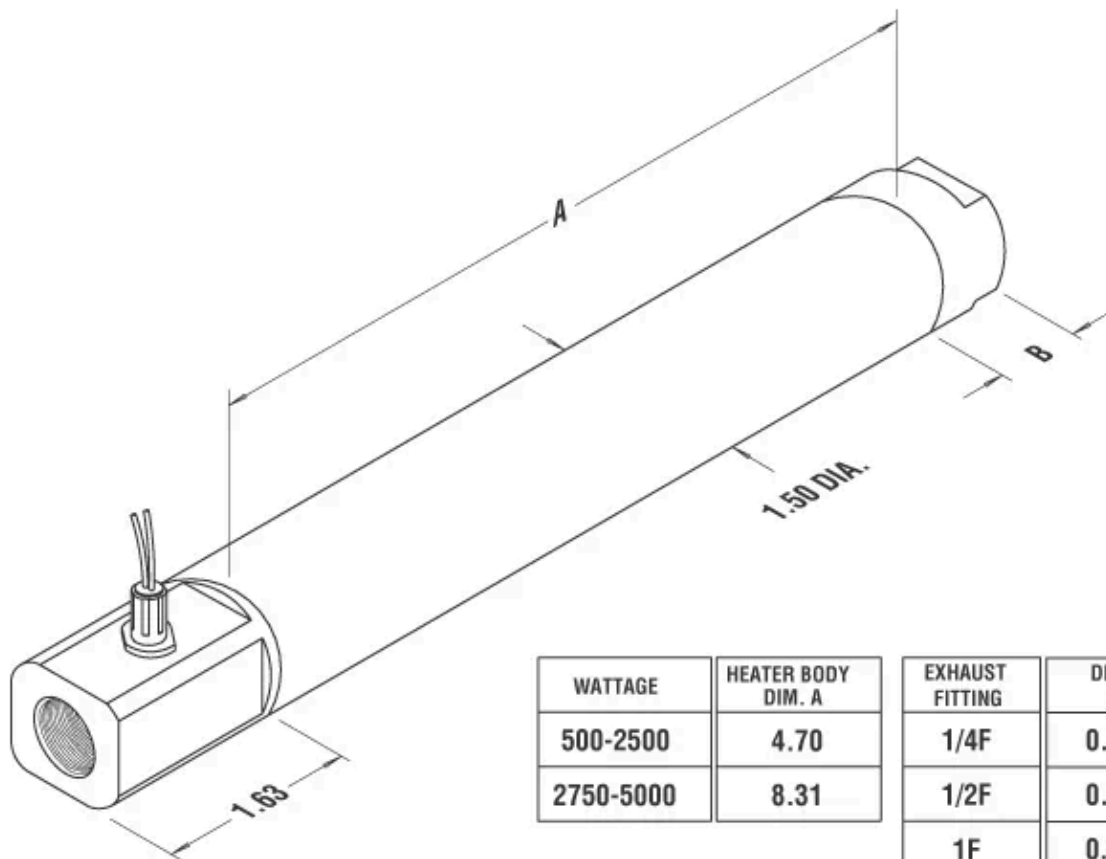
- 120V, single phase, 0.5kW-2.5kW
- 240V, single phase, 0.5kW-5.0kW
- 240V, three phase, 2.25kW-5.0kW
- 480V, three phase. 5.0kW

Applications

- Staking
- Curing
- Adhesive Activation
- Drying
- Heat Shrinking
- Air Scrubbing
- Air Knives

Options

- Thermocouple Fitting
- Thermocouple
- Flexible Conduit



WATTAGE	HEATER BODY DIM. A	EXHAUST FITTING	DIM. B
500-2500	4.70	1/4F	0.83
2750-5000	8.31	1/2F	0.87
		1F	0.88
		NF	0.06

Resources



BROCHURES

Heat Torch™ 150



MANUALS

Quickstart Guide



DRAWINGS

Dimensional Drawing.PDF



DRAWINGS

1CER-1-2F-NF-TF2.STP
1CER-1-2F-1-2F-TF2.STP
2CER-1-2F-1-4F-TF1.STP

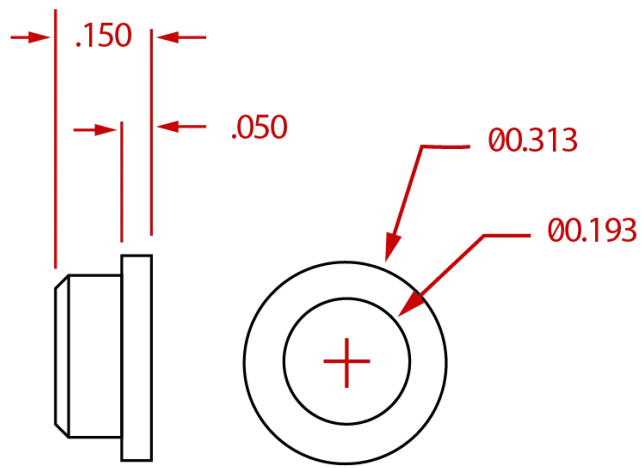


VIDEOS

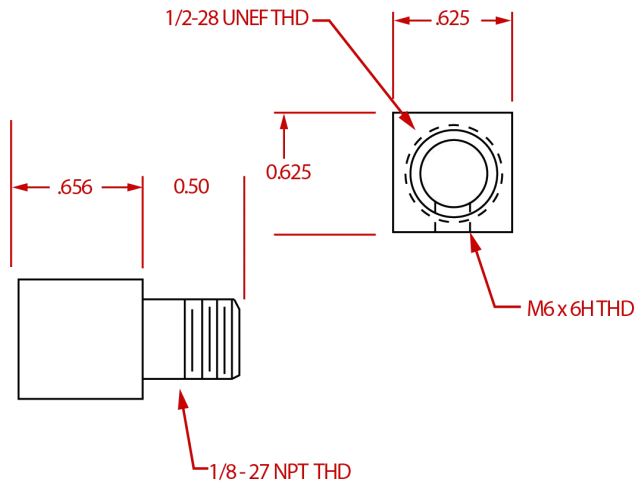
Product Demo
Process Heaters

Additional Information

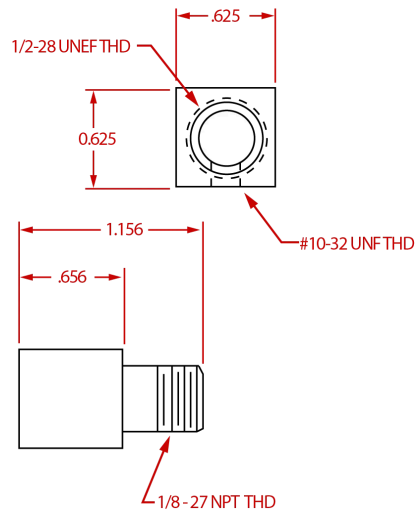
PRODUCT FITTINGS	+



Exhaust Fitting. No Fitting



Inlet Fitting. M6 Thread



Inlet Fitting. 10-32 UNF

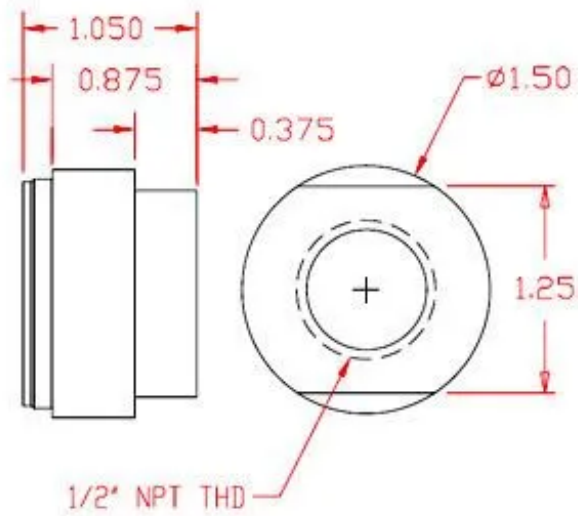
AIRFLOW PRESSURE DROP



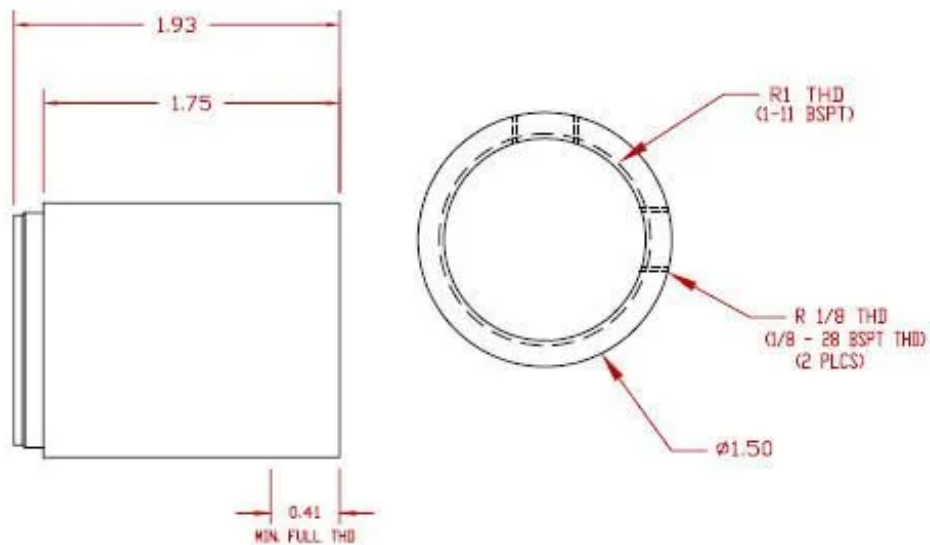
AIRFLOW (SCFM)	500W-2500W PRESSURE DROP (PSIG)	2750W-5000W PRESSURE DROP (PSIG)
5	0.3	0.6
10	0.6	1.2

AIRFLOW (SCFM)	500W-2500W PRESSURE DROP (PSIG)	2750W-5000W PRESSURE DROP (PSIG)
20	1.1	2.2
30	2.5	5.0
40	4.4	8.8
50	6.9	14
60	9.9	20
70	13	27

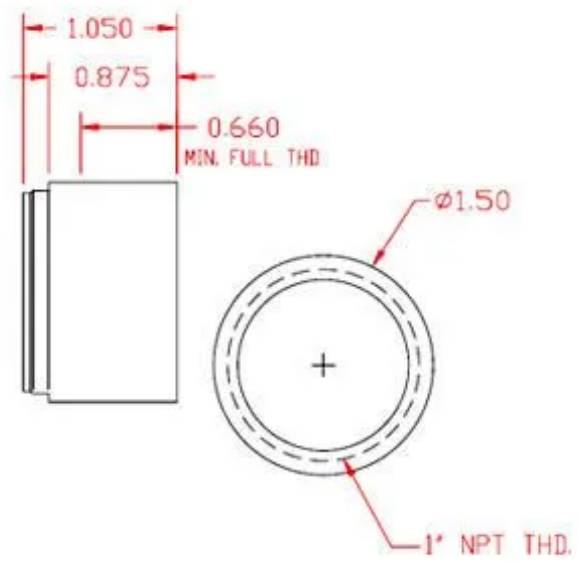
PRODUCT FITTINGS



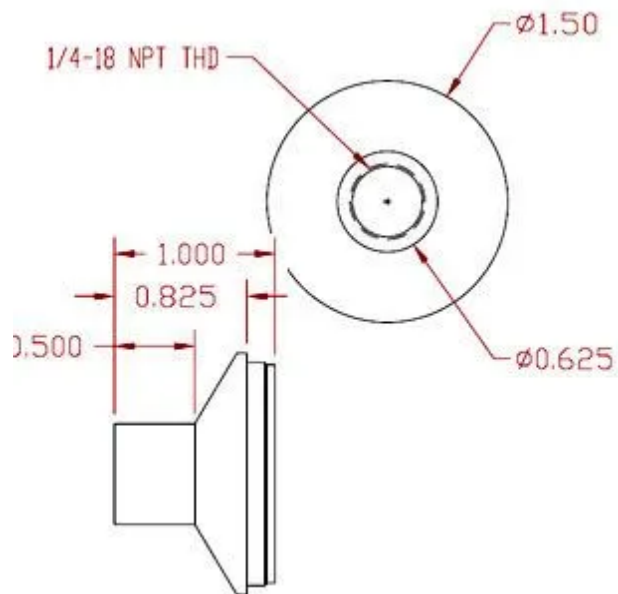
Exhaust Fitting
1/2" NPT female



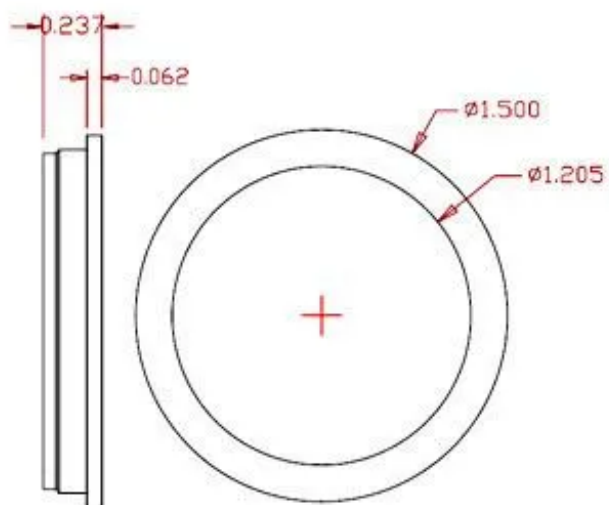
Exhaust Fitting
R1=1-11 BSPT female thread



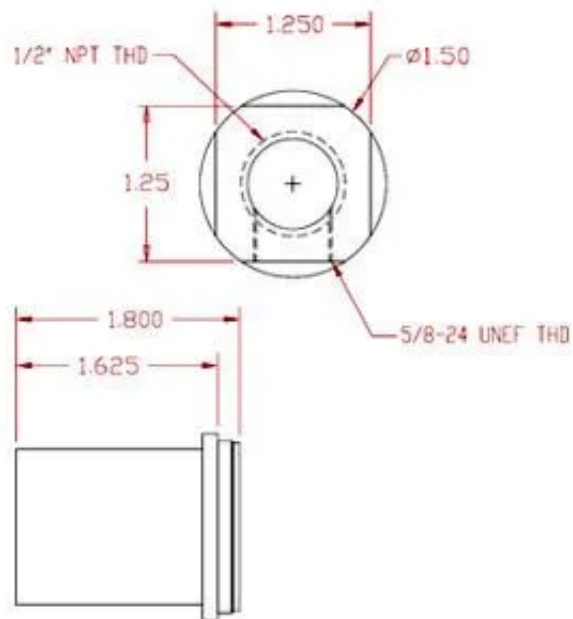
Exhaust Fitting
1" NPT female



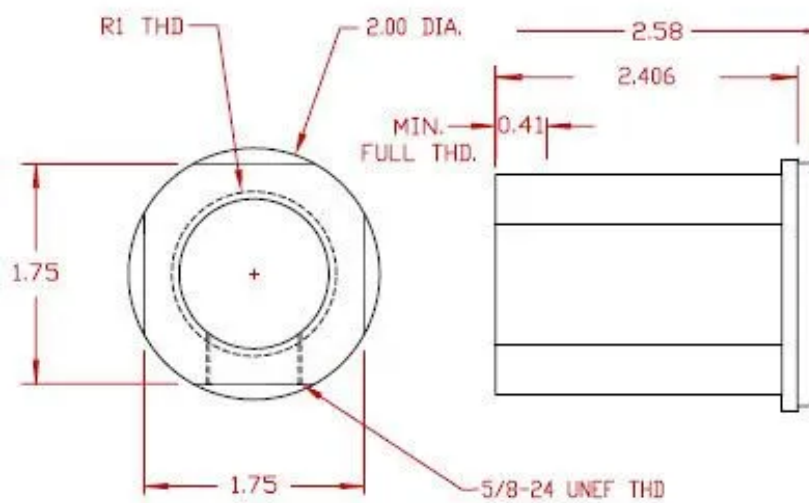
Exhaust Fitting
1/4" NPT female



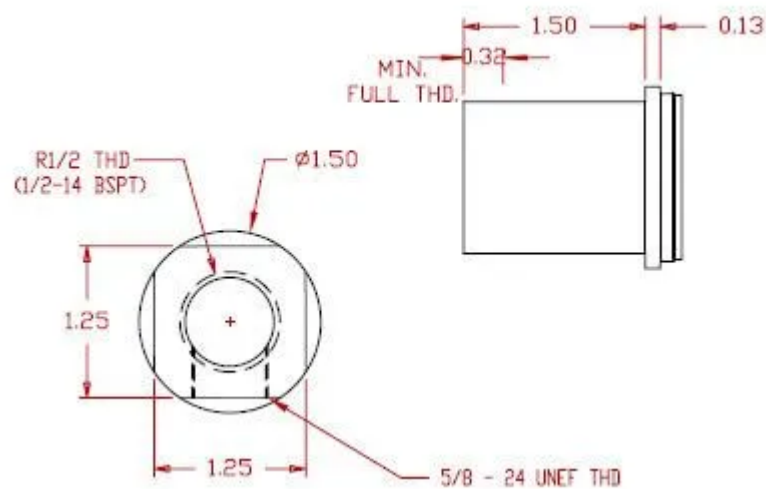
Exhaust Fitting
No Fitting



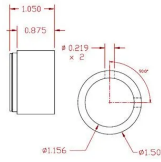
Inlet Fitting
1/2" NPT female



Inlet Fitting
R1=1-11 BSPT female



Inlet Fitting
R1/2=1/2-14 BSPT female



Thermocouple Fitting
2 t/c fittings with 2 t/c