

Flow Torch™ 800



The Flow Torch™ 800 is an open coil air heater designed for high flow rates at low pressure drop due to its efficient design with minimal flow restrictions. The robust construction of this 8" diameter stainless steel heater offers reliable long-life performance and reduced operational cost. The Flow Torch™ 800 incorporates a spiral wound element of the highest grade material, providing quick heat up and cool down cycles with maximum heat transfer.

The Flow Torch™ 800 is capable of operating with airflow of 2000 SCFM and a maximum operating pressure of 3 PSIG*. Maximum output temperature is 482°C (900°F). All Flow Torch Heaters are UL recognized components under UL file number E365755.

** Note: minor leakage through stranded leads*

Flanged Fittings!

We have flanges available as a standard option on our Flow Torch heaters. Click [here](#) to build your FT400, FT600 & FT800 with flanged inlet and exhaust fittings.



MAX WATT	MAX INLET	MAX EXHAUST	MIN SCFM	MAX SCFM	PSIG*
75000 W	250° F	900° F	76	2000	3

* with minimal leakage.

WATTAGE	20.0 kW	35.0 kW	50.0 kW	65.0 kW	75.0 kW
MIN. SCFM REQUIRED	76.3	133.6	190.8	248.0	286.2

Standard power of 2 kW to 750 kW is available for a wide range of applications

Specifications

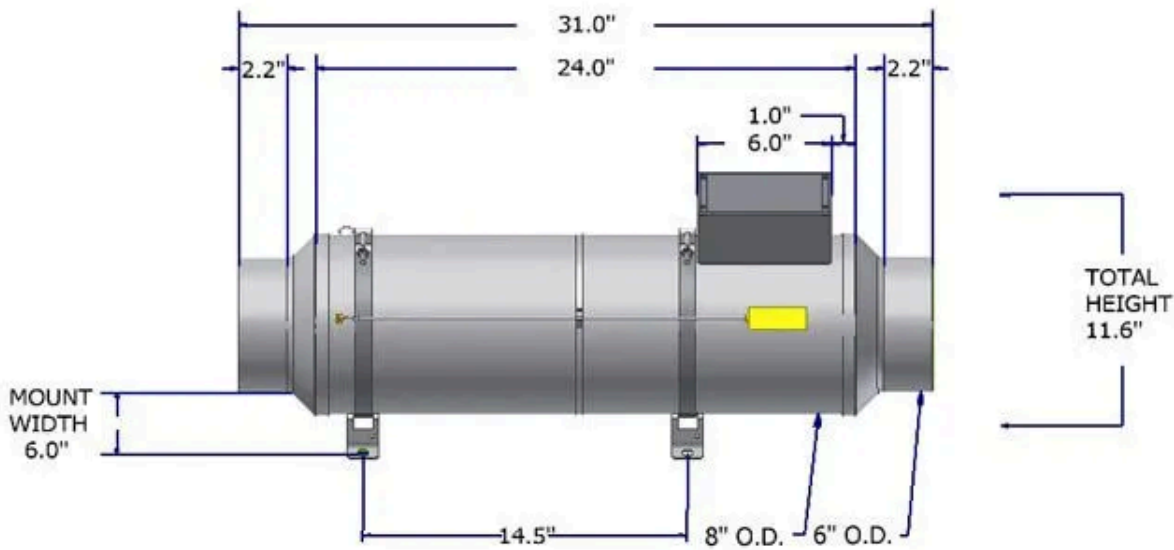
Mounting.....Horizontal / Vertical
Heater Body.....Stainless Steel
Inlet Fitting.....Stainless Steel
Exhaust Fitting.....Stainless Steel

Control Panels are also available to provide precise temperature regulation.

A	INLET FITTING	B	EXHAUST FITTING	C
24.0"	NF	0	NF	0
24.0"	6T	3.5"	6T	3.5"

Applications

- Hot Air Curtains
- Air Drying
- Baking
- Chemical Processing
- Dehumidification
- Laminating
- Textile Applications
- Web Drying Ink Drying
- Paint Baking/Drying
- Plastic Curing
- Metallization Exhaust
- Gas Heating
- Hopper Drying
- Sterilization



Resources



BROCHURES

Flow Torch™
Insulation Blanket



MANUALS

Quickstart Guide



DRAWINGS

Dimensions.PDF
Dimensions.DWG
Wiring Diagram



3D DRAWINGS

FT800w/6"Reducer.STP
FT800-6T-6T-TF2.STP
FT800-FL1-FL1-TF2.STP
FT800-NF-NF-TF2.STP

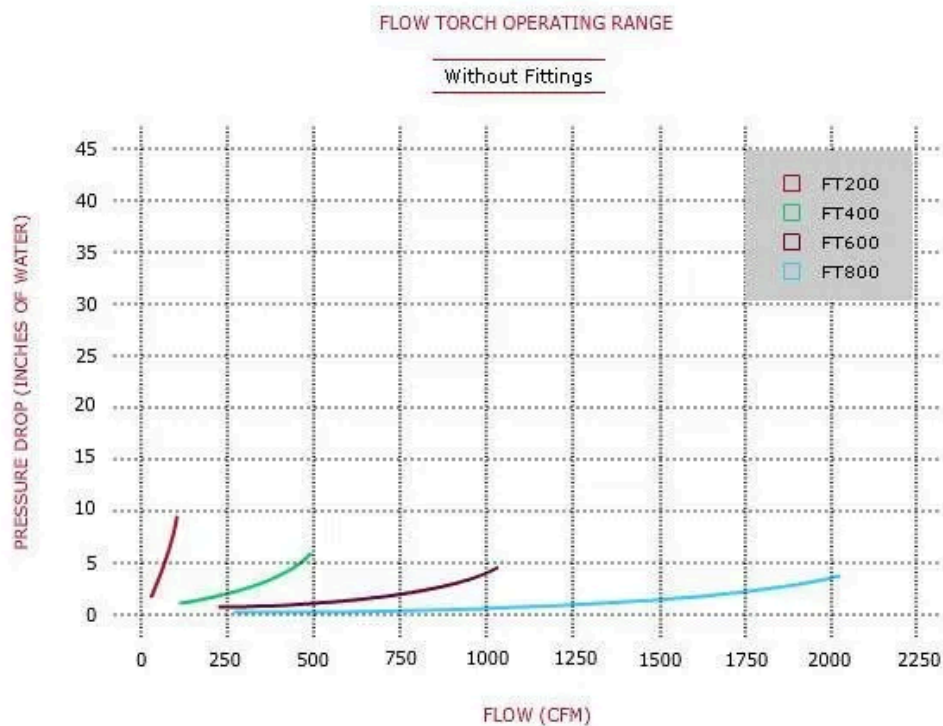


VIDEOS

Product Demo
Flow Torch™ Options
Process Heaters

Additional Information

PRESSURE DROP CHART (WITHOUT FITTING)

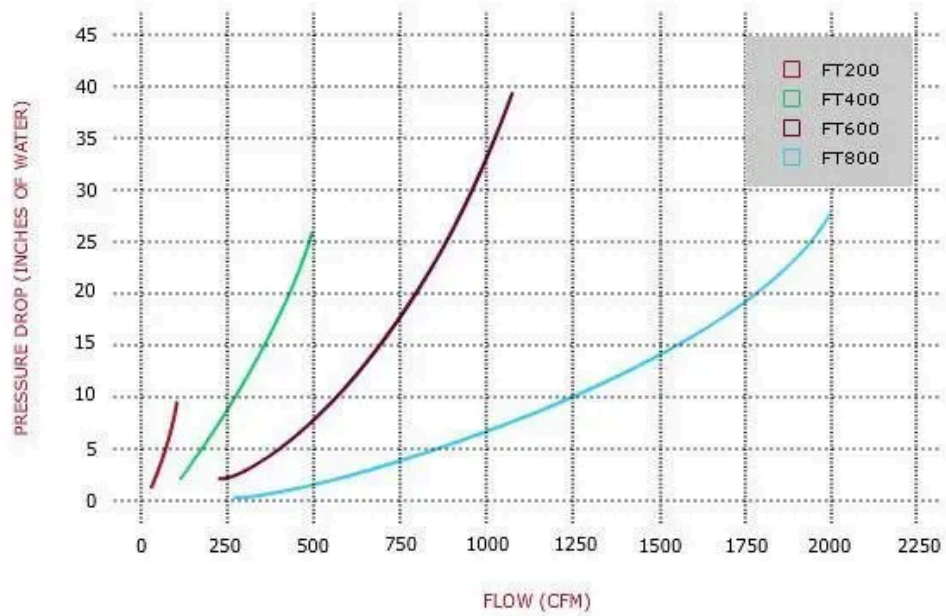


PRESSURE DROP CHART (WITH FITTING)

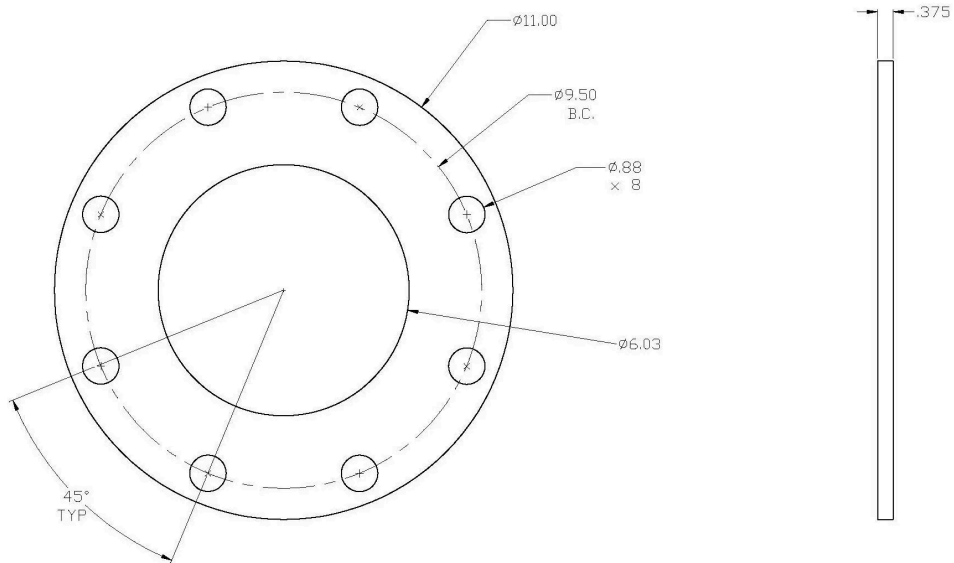


FLOW TORCH OPERATING RANGE

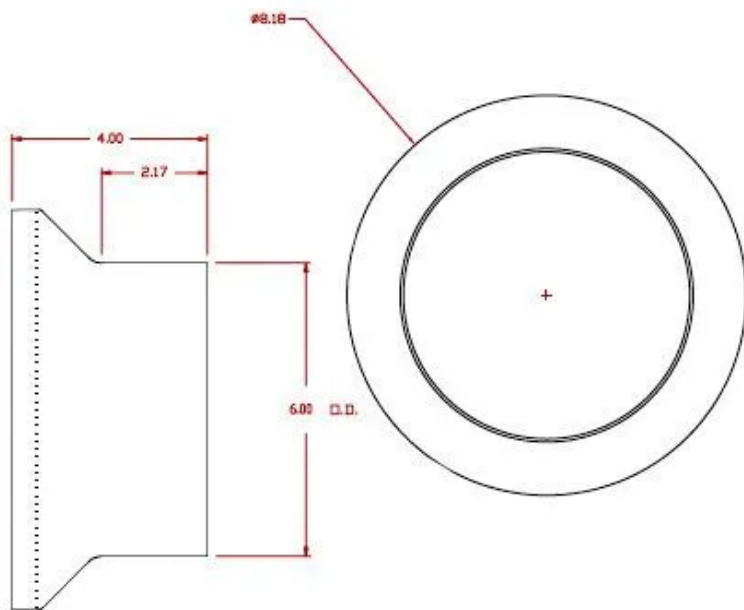
With Inlet & Exhaust Fittings



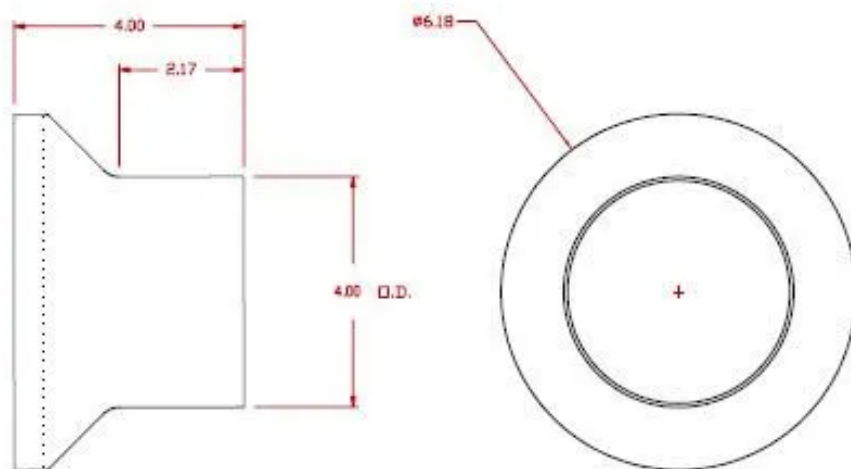
PRODUCT FITTINGS



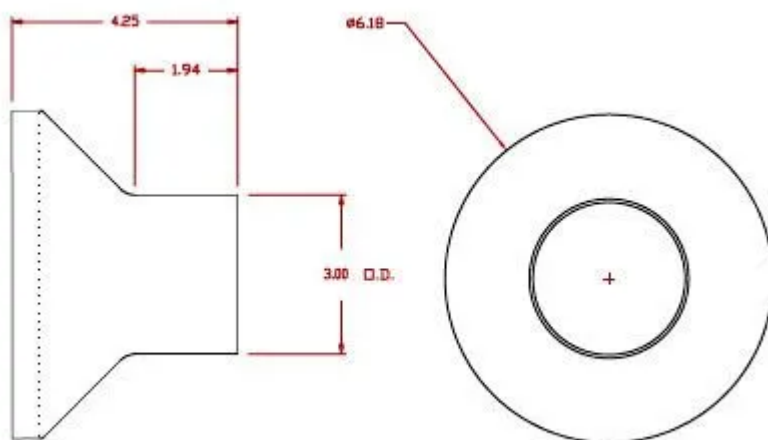
Exhaust Fitting
11" Flanged Fitting



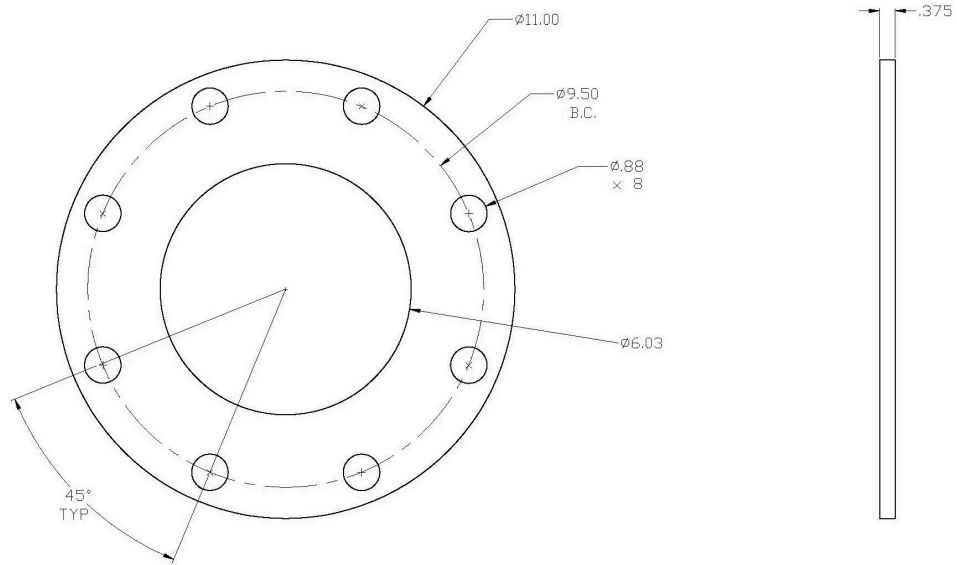
Exhaust Fitting
6" Diameter Tube



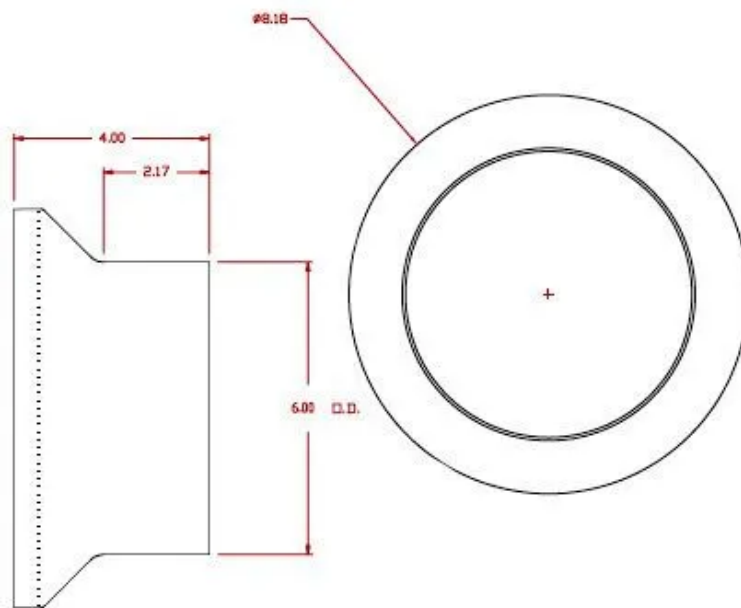
Exhaust Fitting
4" Diameter Tube



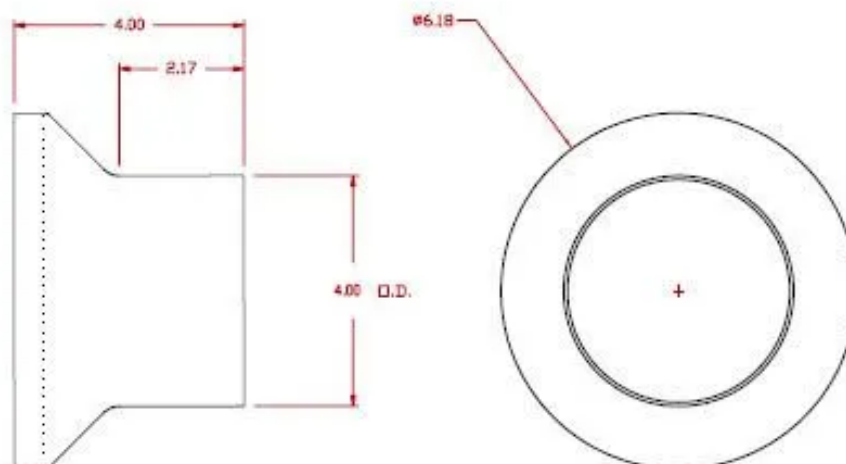
Exhaust Fitting
3" Diameter Tube



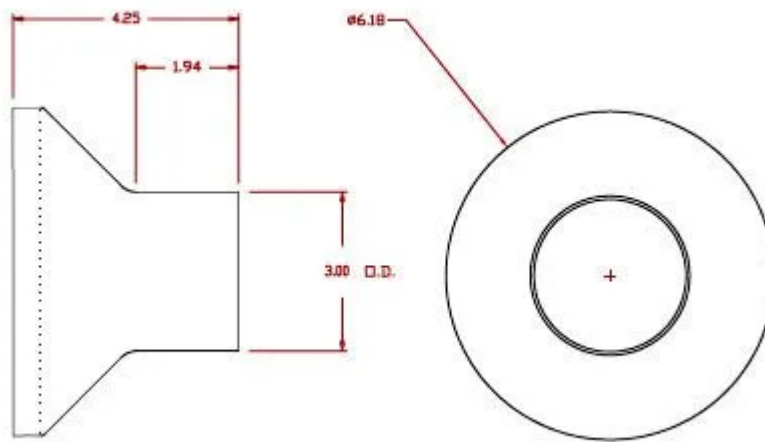
Inlet Fitting
11" Flanged Fitting



Inlet Fitting
6" Diameter Tube



Inlet Fitting
4" Diameter Tube



Inlet Fitting
3" Diameter Tube

Complete your Thermal System

Check out these upgrade options for the Flow Torch™



Control Panels

Closed-loop heater control systems use a power controller, temperature controller, and thermocouples to monitor and provide constant output temperature.

[VIEW PRODUCT](#)



Insulation Blankets

Our insulation blankets are made specifically for the Flow Torch family of products. Improve safety for people and products, and save money by reducing waste heat.

[GET INFO](#)