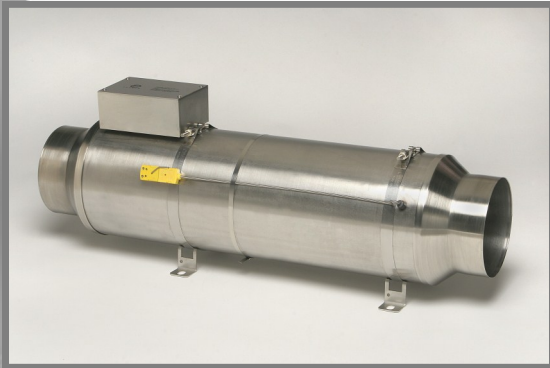




# FLOW TORCH™

# FT800



Shown with optional inlet & exhaust fittings

- The Flow Torch™ 800 is a 8" diameter stainless steel air heater designed for high flow rates at low pressure drop due to its efficient design with minimal flow restrictions.
- The Flow Torch™ 800 is capable of operating with airflow of 2000 SCFM and up to 3 psig.
- UL component recognized (UL File # E365755)

#### Wattage & Voltage Options

208V, three phase, 10.0kW-30.0kW  
240V, three phase, 10.0kW-35.0kW  
380V, three phase, 10.0kW-60.0kW  
480V, three phase, 10.0kW-75.0kW  
575V, three phase, 10.0kW-75.0kW

#### Fitting Options

##### Inlet Fitting:

6T- 6" O.D. Tube  
NF- No Fitting (8" O.D.)

##### Exhaust Fitting:

6T- 6" O.D. Tube  
NF- No Fitting (8" O.D.)

#### Other Options

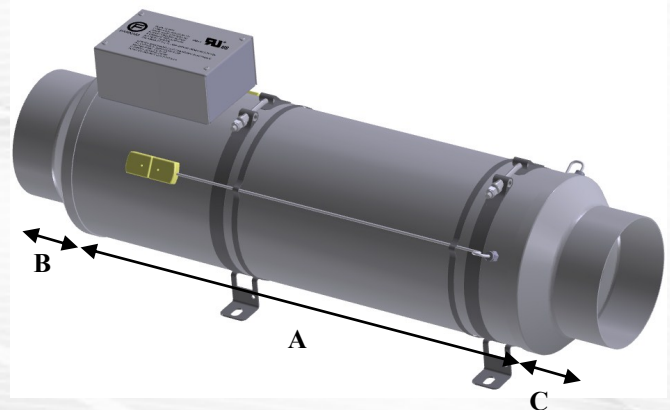
Thermocouple Fitting  
Thermocouple  
Insulation Blanket

#### Specifications

<b>Category:</b>	<b>Open Coil Heaters, Inline Heaters, Process Heaters</b>
Max. wattage:	75.0kW
Max. exhaust air temp.:	900°F
Max. inlet air temp.:	250°F
(consult factory for higher inlet temp.)	
Max. SCFM:	2000
Max. allowable pressure :	3 psig
Mounting:	Horizontal/Vertical
Heater Body:	304 Stainless Steel
Inlet Fitting:	304 Stainless Steel
Exhaust Fitting:	304 Stainless Steel

Wattage	Min. SCFM Req.
20.0kW	76.3
35.0kW	133.6
50.0kW	190.8
65.0kW	248.0
75.0kW	286.2

Airflow (SCFM)	Pressure Drop (H2O) w/o fittings	Pressure Drop (H2O) 6" fittings
290	0.1	0.6
460	0.2	1.5
630	0.3	2.8
800	0.6	4.5
970	0.8	6.6
1140	1.2	9.1
1310	1.5	12.0
1480	2.0	15.3
1650	2.4	19.1
1820	3.0	23.2
2000	3.6	28.0



Visit [www.farnam-custom.com](http://www.farnam-custom.com) for detailed drawings

A	Inlet Fitting	B	Exhaust Fitting	C
24.0"	NF	0	NF	0
24.0"	6T	3.5"	6T	3.5"

#### Part Number Key

FT800	40000	480	3	6T	6T	TF2	(XXX)
Flow Torch 400	Wattage	Voltage	Phase	Inlet Fitting	Exhaust Fitting	Thermocouple Fitting	Modification

ISO  
9001:2008  
REGISTERED



## SOUTHEAST THERMAL SYSTEMS

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