

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)

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

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

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.)

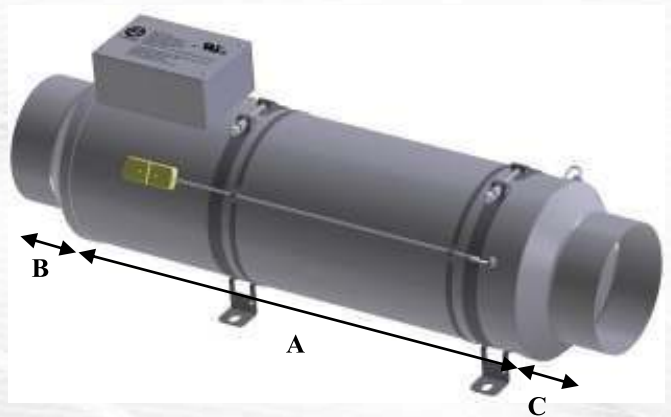
Exhaust Fitting:
 6T- 6" O.D. Tube
 NF- No Fitting (8" O.D.)

Other Options

Thermocouple Fitting
 Thermocouple
 Insulation Blanket

Specifications

Category:	Open Coil Heaters, Inline Heaters, Process Heaters
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



Visit 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

