

FLOW TORCH™



Shown with optional inlet & exhaust fittings

FT 400

- The Flow Torch™ 400 is a 4" 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™ 400 is capable of operating with airflow of 500 SCFM and up to 3 psig.

Airflow (SCFM)	Pressure Drop (H2O) w/o fittings	Pressure Drop (H2O) 2" fittings
50	0.1	0.8
100	0.3	2.0
150	0.6	3.6
200	1.0	5.6
250	1.4	7.9
300	2.0	10.7
350	2.7	13.9
400	3.5	17.5
450	4.3	21.5
500	5.3	25.9

Wattage	Min. SCFM Req.
5.0kW	19.1
10.0kW	38.2
15.0kW	57.2
20.0kW	76.3
25.0kW	95.4
30.0kW	114.5
35.0kW	133.6

Wattage & Voltage Options

Short Version:
 240V, single phase, 5.0kW-15.0kW
 240V, three phase, 5.0kW-19.9kW
 480V, three phase, 5.0kW-19.9kW
 575V, three phase, 10.0kW-19.9kW

Long Version:
 240V, single phase, 20.0kW-30kW
 240V, three phase, 20.0kW-30kW
 480V, three phase, 20.0kW-35kW
 575V, three phase, 20.0kW-35kW

Fitting Options

Inlet Fitting:
 2F- 2" FNPT
 3T- 3" O.D. Tube
 NF- No Fitting (4" O.D.)

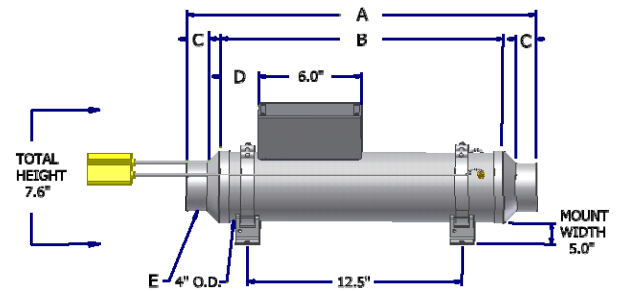
Exhaust Fitting:
 2F- 2" FNPT
 3T- 3" O.D. Tube
 NF- No Fitting (4" O.D.)

Other Options

Thermocouple Fitting
 Thermocouple
 Heat Shield (long version only)

Specifications

Category:	Open Coil Heaters, Inline Heaters, Process Heaters
Max. wattage:	35kW
Max. exhaust air temp.:	900°F
Max. inlet air temp.:	250°F
(consult factory for higher inlet temp.)	
Max. SCFM:	500
Pressure Rating:	3 psig
Mounting:	Horizontal/Vertical
Heater Body:	Stainless Steel
Inlet Fitting:	Stainless Steel
Exhaust Fitting:	Stainless Steel



	Short Version (2) 2F Fittings	Short Version (2) 3T Fittings	Short Version No Fittings	Long Version (2) 2F Fittings	Long Version (2) 3T Fittings	Long Version No Fittings
Watts	2kW-15kW	2kW-15kW	2kW-15kW	20.0kW-35kW	20.0kW-35kW	20.0kW-35kW
A	20.5"	22.5"	-----	26.0"	28.0"	-----
B	16.5"	16.5"	16.5"	22.0"	22.0"	22.0"
C	1.2"	2.2"	-----	1.2"	2.2"	-----
D	2.25"	2.25"	2.25"	1.0"	1.0"	1.0"
E	2.76" O.D.	3.0" O.D.	-----	2.76" O.D.	3.0" O.D.	-----

Part Number Key

