

# FLOW TORCH™



Shown with optional inlet & exhaust fittings

# FT600

- The Flow Torch™ 600 is a 6" 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™ 600 is capable of operating with airflow of 1100 SCFM and up to 3 PSIG.

| Wattage | Min. SCFM Req. |
|---------|----------------|
| 10kW    | 38.2           |
| 15kW    | 57.2           |
| 20kW    | 76.3           |
| 25kW    | 95.4           |
| 30kW    | 114.5          |
| 35kW    | 133.6          |
| 40kW    | 152.6          |
| 45kW    | 171.7          |
| 50kW    | 190.8          |
| 55kW    | 209.9          |
| 60kW    | 229.0          |

| Airflow (SCFM) | Pressure Drop (H2O) w/o fittings | Pressure Drop (H2O) 4" fittings |
|----------------|----------------------------------|---------------------------------|
| 230            | 0.2                              | 1.6                             |
| 330            | 0.4                              | 3.3                             |
| 430            | 0.7                              | 5.5                             |
| 530            | 1.1                              | 8.4                             |
| 630            | 1.6                              | 11.9                            |
| 730            | 2.1                              | 16.0                            |
| 830            | 2.8                              | 20.7                            |
| 930            | 3.5                              | 25.9                            |
| 1030           | 4.2                              | 31.8                            |
| 1100           | 4.8                              | 36.3                            |

### Wattage & Voltage Options

240V, three phase, 10.0kW-30kW  
480V, three phase, 15.0kW-60kW

### Other Options

Thermocouple Fitting  
Thermocouple  
Heat Shield

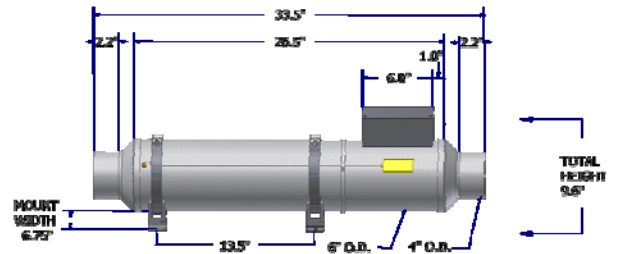
### Fitting Options

**Inlet Fitting:**  
4T- 4" O.D. Tube  
NF- No Fitting (6" O.D.)

**Exhaust Fitting:**  
4T- 4" O.D. Tube  
NF- No Fitting (6" O.D.)

### Specifications

|  |   |
|--|---|
| <b>Category:</b>                         | Open Coil Heaters,<br>Inline Heaters, Process Heaters |
| Max. wattage:                            | 60kW  |
| Max. exhaust air temp.:                  | 900°F   |
| Max. inlet air temp.:                    | 250°F   |
| (consult factory for higher inlet temp.) |   |
| Max. SCFM:                               | 1100  |
| Pressure Rating:                         | 3 psig  |
| Mounting:                                | Horizontal/Vertical                                   |
| Heater Body:                             | Stainless Steel                                       |
| Inlet Fitting:                           | Stainless Steel                                       |
| Exhaust Fitting:                         | Stainless Steel                                       |



### Part Number Key

|                |         |         |       |               |                 |                      |              |
|----------------|---------|---------|-------|---------------|-----------------|----------------------|--------------|
| FT600          | 10000   | 240     | 3     | 4T            | 4T              | TF2                  | (XXX)        |
| Flow Torch 600 | Wattage | Voltage | Phase | Inlet Fitting | Exhaust Fitting | Thermocouple Fitting | Modification |

