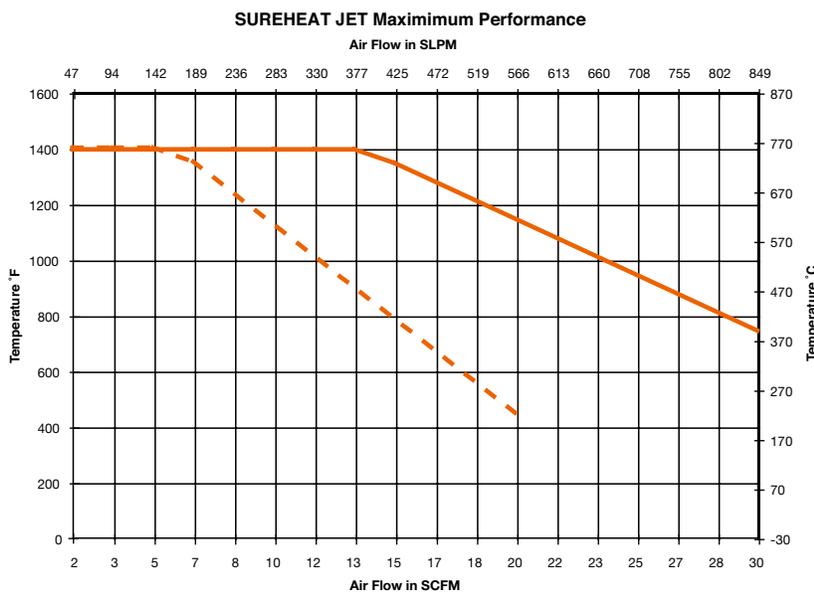# SUREHEAT® JET Air Heater

Specifications

- Air temperature controllable to 1400°F (760°C)

- Power ratings 3.0kW - 8.0kW 240V - 1ϕ

- Two internal Type K thermocouple sensors for control and safety:
  - S1 measures inlet temperature
  - S2 measures exit temperature

- Rapid heat-up and cool-down

- Maximum air pressure 60 psi (4 bar)

- Maximum inlet temperature 200°F (93°C)

- Use SUREHEAT JET Control (purchased separately) for easy installation

- Recommended minimum airflow 2 SCFM (57 SLPM)

- RoHS compliant

CE

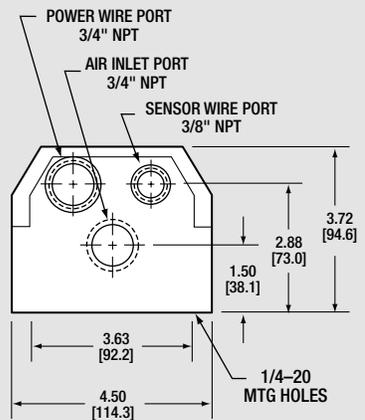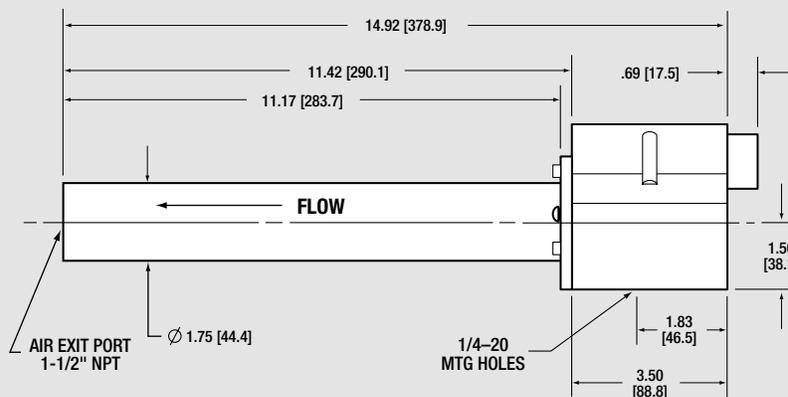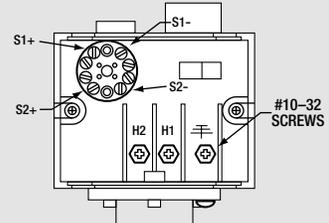## Performance

SUREHEAT JET Maximimum Performance

Air Flow in SLPM

| Air Flow in SLPM | 47 | 94 | 142 | 189 | 236 | 283 | 330 | 377 | 425 | 472 | 519 | 566 | 613 | 660 | 708 | 755 | 802 | 849 |

Temperature °F / Temperature °C plotted against Air Flow in SCFM (2, 3, 5, 7, 8, 10, 12, 13, 15, 17, 18, 20, 22, 23, 25, 27, 28, 30)

Air Flow in SCFM

* Temperature as measured by internal Type K thermocouple.

Installation

Wiring Notes:

- S1 and S2 sensors are Type K thermocouple.
- S1 measures inlet air temperature.
- S2 measures exit air temperature.
- See operating manual for control settings.

Products

Heater Size (NPT)	Description	Max. Watts	Max. Volts	Max. Amps
074718	SUREHEAT® JET 3.0kW heater	3.0kW	240	12.5
074719	SUREHEAT JET 8.0kW heater	8.0kW	240	33.3

Accessories

Part Number	Description
074722	SUREHEAT JET control cabinet 8.0kW/240V/35A/1ϕ
075526	SUREHEAT JET control cabinet 8.0kW/240V/35A/1ϕ w/RS-232 comm.
074829	1/16 DIN digital temperature control (for S2 KTC)
074835	Inlet temperature limit circuit (For S1 KTC)

074829

074835

074722