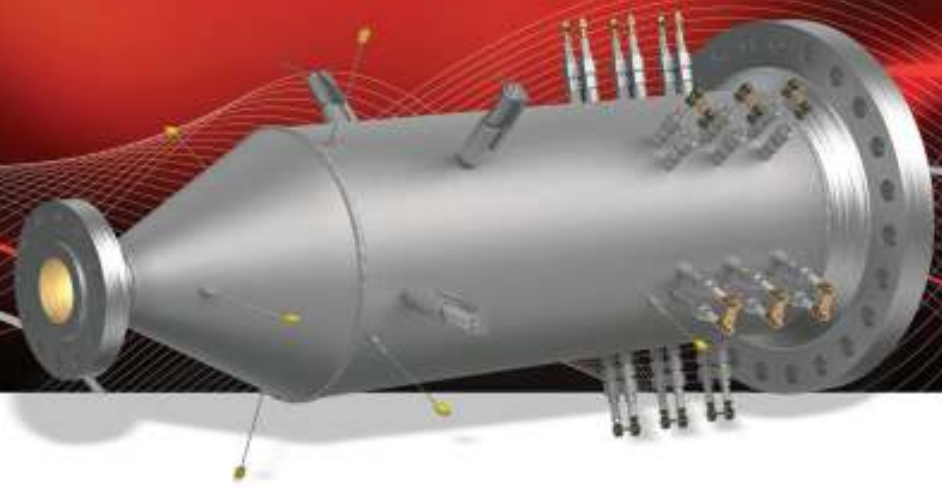


Superior Performance for FAA Repair Stations



High temperature, high pressure electric air heaters for pneumatic component testing

Improving component test bench capabilities and productivity is largely dependent on the air heater used during testing. As the latest models of OEM components enter service, FAA station operators are discovering they require much higher temperatures and pressures. TUTCO SureHeat Specialty Flanged Inline heaters have become the upgrade of choice for service station

**MAX TEMP
1750°F
(955°C)**

**PRESSURE
UP TO
3000 PSI
(207 Bar)**

operators seeking to stay at the forefront of pneumatic testing technology for years to come. Used by most of the major OEM suppliers in their R&D, a SureHeat heating system can be configured to meet every component specification in the market today—plus those coming into service in the future. Additionally, they reach and stabilize at operating temperature within

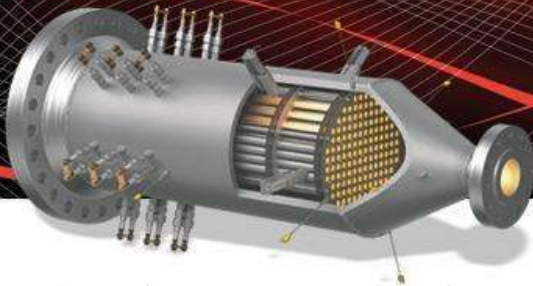
minutes, minimizing cycle time and boosting productivity. Their amazingly compact scale takes up a minimum of valuable floor space and the simple, safe, user-friendly controls ensure reliable, long-term service. Each Tutco SureHeat electric air heater is custom designed to your facility and application.

Key Features:

- Compact, efficient and precise
- Achieve temperatures up to 1750°F (955°C)
- Suitable for pressure up to 3000 PSI (207 BAR)
- Controllability +/- 2° F (±1° C)
- Rapid temperature ramp, 50° C per second
- RoHS compliant
- Custom models in 12 kW to 3 MW
- Pressure vessels per ASME Section VIII Div. 1
- PED certification for European customers
- ANSI or DIN flange sizes
- Control cabinet provides temperature control, power regulation, protection components for safe operation
- On-site start-up assistance and training
- Patent-pending over temperature protection system

TUTCO
HEATING SOLUTIONS GROUP

SureHeat



Our Specialty Flanged Inline Electric Air Heaters outperform traditional heaters

Tutco SureHeat's Specialty Flanged Inline (SFI) heaters are designed specifically for air and inert gas applications and deliver superior performance over conventional immersion heaters while reducing energy consumption.

Our heaters are ideal for FAA repair station applications. Ease of operator interface with the system controls minimizes training time and ensures safe, consistent operation with minimal maintenance.

Performance Comparison

	TUTCO SUREHEAT SFI HEATERS	TRADITIONAL HEATERS
Warm Up Time	0-3 minutes	Normally >30 min.
Maximum Temperature	1750°F (955° C)	1150°F (620° C)
Pressure	Up to 3000 PSI (207 Bar)	300 PSI (20.7 Bar)
Length	Compact	8-10X larger
Response Speed	Instant	Slow

Performance:

Tutco SureHeat products are smaller, lighter, and more cost effective to install. SFI heaters can be as much as 8-10X smaller than equivalent tubular/immersion designs. With a much faster heat-up and cool-down time, processes are predictably efficient and accurate.

SureHeat's Patent Pending OTP (over temperature protection) maintains safe control and eliminates the risk of element temperature damage.

Options:

Construction

Designed and built to ASME Section VIII, Div 1.
UL and CE marking, available when applicable.
ANSI, DIN, and custom flanges available.
304, 316, Incoloy, Inconels

Voltages

208 - 600V

