



**SOUTHEAST
THERMAL SYSTEMS**

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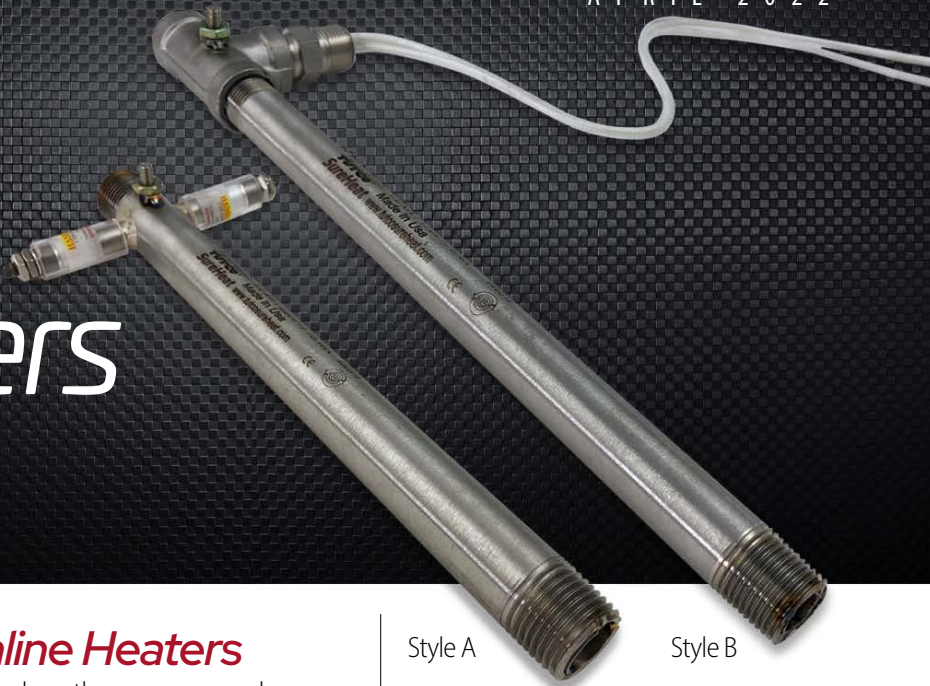
phone: 704-399-4248

TUTCONNECT

APRIL 2022

TUTCO SureHeat
HEATING SOLUTIONS GROUP

Threaded Inline Heaters



Style A

Style B

TUTCO SureHeat Threaded Inline Heaters

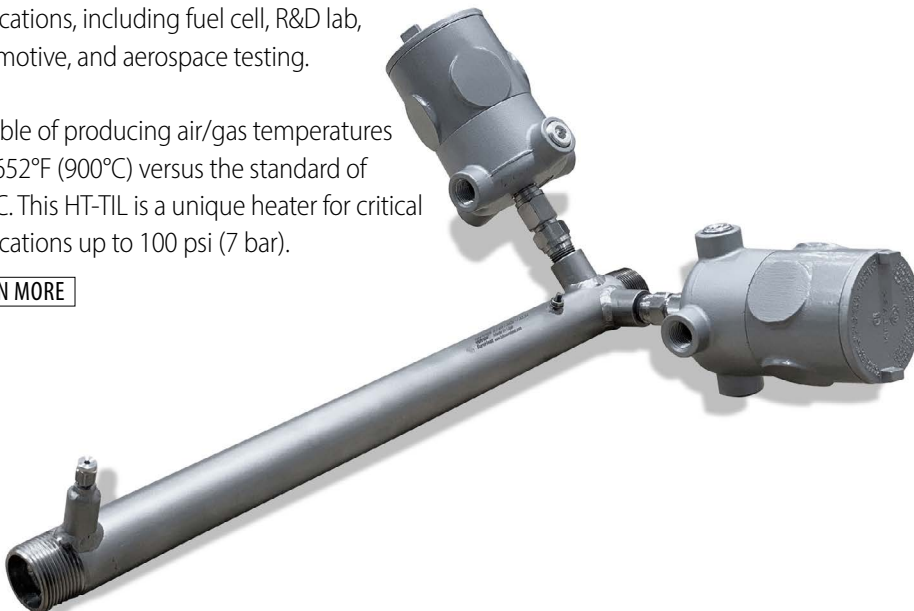
Threaded inline air heaters are used in industrial processes where they are commonly connected to filtered compressed air supply lines to rapidly heat air for precise temperature control. They are ideal for applications that require high heat, up to 1400°F (760°C), and high air pressure. TUTCO SureHeat offers two styles, Style "A" and Style "B" inline air heaters. Style "A", which has maximum inlet temperatures of 900° F (482°C) and is leakproof to 150 psi (10 bar), should be used when a leak-proof air system is required. Style "B" has maximum inlet temperatures of 200°F (93°C).

High-Temperature Custom Solutions

If a standard threaded inline air heater solution is not suitable for your application, we can provide a custom inline solution to meet your high temperature/high-pressure needs. The HT-TIL (High-Temperature Threaded Inline) air heater for a variety of demanding applications, including fuel cell, R&D lab, automotive, and aerospace testing.

Capable of producing air/gas temperatures to 1652°F (900°C) versus the standard of 750°C. This HT-TIL is a unique heater for critical applications up to 100 psi (7 bar).

[LEARN MORE](#)



Specifications

- 316 stainless steel material
- Better resistance to oxidation at higher temperatures
- Type K thermocouple F206119 sold separately
- UL recognized, CE, RoHS

Standard Applications Up to 900°F (482°C)

- Laminating
- Drying
- Baking
- Shrink Fitting
- Plastic Welding
- Packaging
- Soldering

High Temperature Applications Up to 1652°F (900°C)

- Fuel Cell
- Research and Development Labs
- Automotive
- Aerospace Testing



APPLICATIONS

Sterilization

- Medical Device
- Laboratory

Food

- Shrink Packaging
- Food Holding

Infiltration

- Flood Restoration
- Bed Bug Removal
- Soil Remediation
- Ground Water Remediation

Waste

- Recycling
- Garbage
- Pipe Repair

Air

- Air Scrubbers
- Dehumidification
- Hand Dryers
- Catalytic Flue Gas
- Bathroom Ceiling Fan
- Particulate Filtration

[LEARN MORE](#)

Feature Application

Air and Surface Heaters for Sanitation

TUTCO-Farnam designs and manufactures air heaters and flexible surface heaters for the sanitation industry including applications in medical sterilization, food safety, property restoration, clean air, and waste management. Engineered for precision. Built to last. Heaters are made to order and can be custom designed for your specific application. Whether you configure a standard product or build something purely custom we've probably worked on a similar application. We can start with a prototype and ramp-up to 10k units per month, all within the same company. *Click on images below to read stories.*

HIGH VELOCITY
HAND DRYER

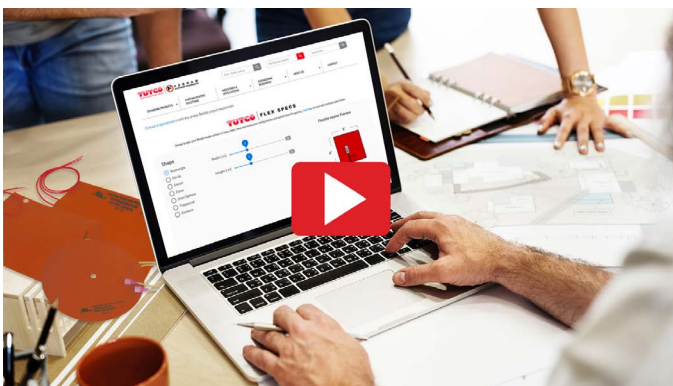
SHRINK WRAPPING
HEAT SYSTEM

CEILING MOUNTED
BATHROOM HEATER

INLINE INDUSTRIAL
DUCT HEATERS

Feature Video

How to Use the Interactive Flex-Specs Tool



TUTCO-Farnam's convenient Flex-Spec online tool allows you to easily design a flexible heater, including our Silicone Heaters, Polyimide Heaters and even our Mica Surface Heaters, which are often used in situations where flexibility is not required. Each heater is highly customizable and can be produced in a variety of sizes and irregular shapes. Using the convenient Flex Specs tool located on our website, simply follow the step-by-step screen prompts. Once you have completed entering your information, you can save your heater configuration to review or edit later or you can send it to TUTCO-Farnam to initiate a quote.

[CLICK TO WATCH VIDEO](#)



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