



**SOUTHEAST
THERMAL SYSTEMS**

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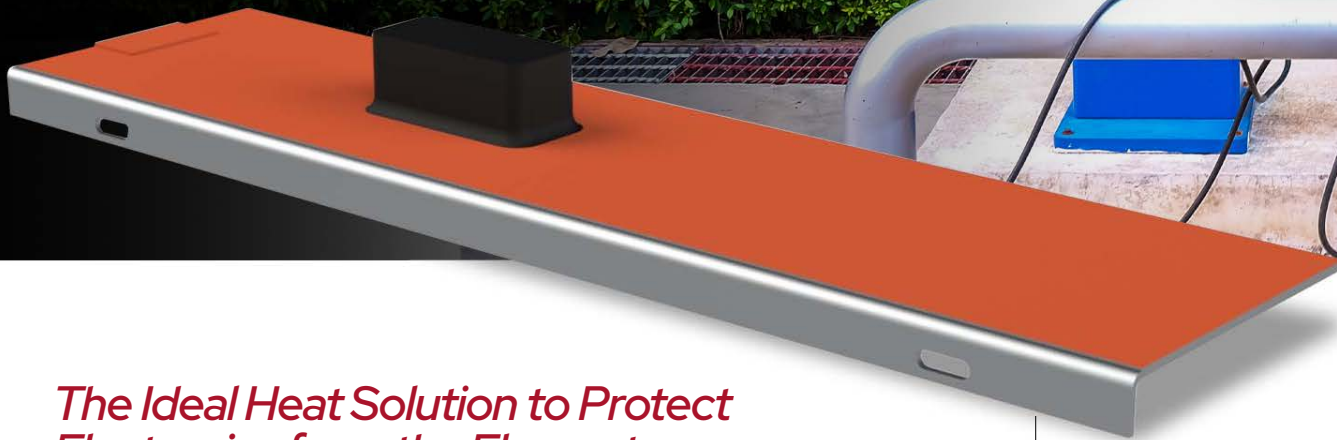
TUTCONNECT

MARCH 2022

TUTCO
HEATING SOLUTIONS GROUP

Flexible Heaters

Tire Refill Stations



The Ideal Heat Solution to Protect Electronics from the Elements

Convenience stores, gas stations and truck stops have vacuums for cleaning your vehicle and air compressors to fill your tires. Those units require heat to keep the electronics from freezing during the colder months. Heat can also be used to keep the tip of the tire refill nozzle from freezing while sitting in its holder. Traditionally, this would be an application where you would use a strip heater, however factors such as rising costs and size make

this option less desirable. Open coil air heaters are also not a great solution because they pull in air from the outside exposing the electronics to dust, rain, and pollution.



TUTCO Farnam created a silicone rubber heater that delivers a 20-25% savings for the client. It mimics the shape of the thin strip heater usually found in these applications with an exceptional heater that it is a lot thinner. As older units get refurbished the customer can simply pull out the old strip

heater and install our new custom enclosure heater. TUTCO Farnam goes the extra mile to understand the needs of our customers. For this tire refill application, it allowed us to provide an elegant solution that is easy to implement and saves the client money.

[LEARN MORE](#)

Enclosure Heaters

TUTCO Farnam air and surface heaters offer temperature and moisture protection for enclosures large and small. The primary purpose of an enclosure heater is to protect equipment from low temperatures, condensation, and corrosion. Our silicone rubber heaters are made from fiber-glass-reinforced silicone rubber. They can take on a wide variety of shapes and can bend with curved surfaces. Our Enclosure Heater Calculator lets you choose the ideal heater and its proper sizing. Simply enter your application's criteria to determine how much power your enclosure requires. You may also contact us directly with your enclosure heating requirements.

[ENCLOSURE HEATER CALCULATOR](#)



Feature Application *Laboratories and Life Sciences*

TUTCO Farnam has decades of experience designing and manufacturing custom heaters for sensitive analytical equipment used in laboratory and life science applications, including hot plates, incubation, sterilization, and much more. TUTCO Farnam understands the need for high-quality, reliable, and precise heating solutions for these demanding laboratory applications. With our extensive heat application experience, chances are we have done something similar to your application. Our capabilities are ideally suited to meeting the demanding production schedules and keeping up with the constant changes happening in the life science industry.

APPLICATIONS

- Sample Preparation
- Sterilization
- Incubation
- Cryogenic Chambers & Equipment
- Hot Plates
- Lab Washers
- Bath Heaters
- Lab Ovens
- Rack Heaters
- Specialty Instruments

GAS STREAM HEATING

We manufacture custom heaters for heating air, nitrogen, and inert gasses.

- Hot and Warm Air Circulation
- Liquid Nitrogen Temperature Control
- Gas Chromatography
- Drying and Dehumidification
- Specialty Instruments

TUTCO Farnam has a record for designing outstanding solutions for a wide variety of industries.

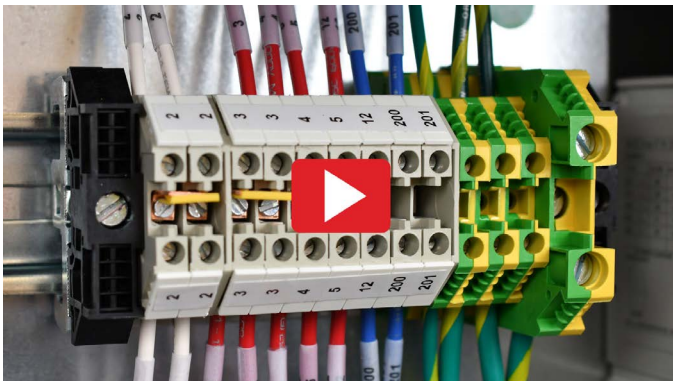
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CUSTOM SOLUTIONS

SILICONE RUBBER

MICA SURFACE

Feature Video *How to Properly Wire a Controller for a Max/Jet Heater*



Our feature video shows the proper wiring of TUTCO's closed-loop heater control systems which is used with SureHeat Max and Jet heaters. The system works with a power controller, temperature controller and thermocouple to monitor and provide a constant output temperature, regardless of changes in airflow. The temperature controller provides a convenient display of the air temperature measured by a thermocouple appropriately placed in the heaters air stream. This video details connecting power to the unit and safely wiring all of the controller's components.

[CLICK TO WATCH VIDEO](#)



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