



**SOUTHEAST
THERMAL SYSTEMS**

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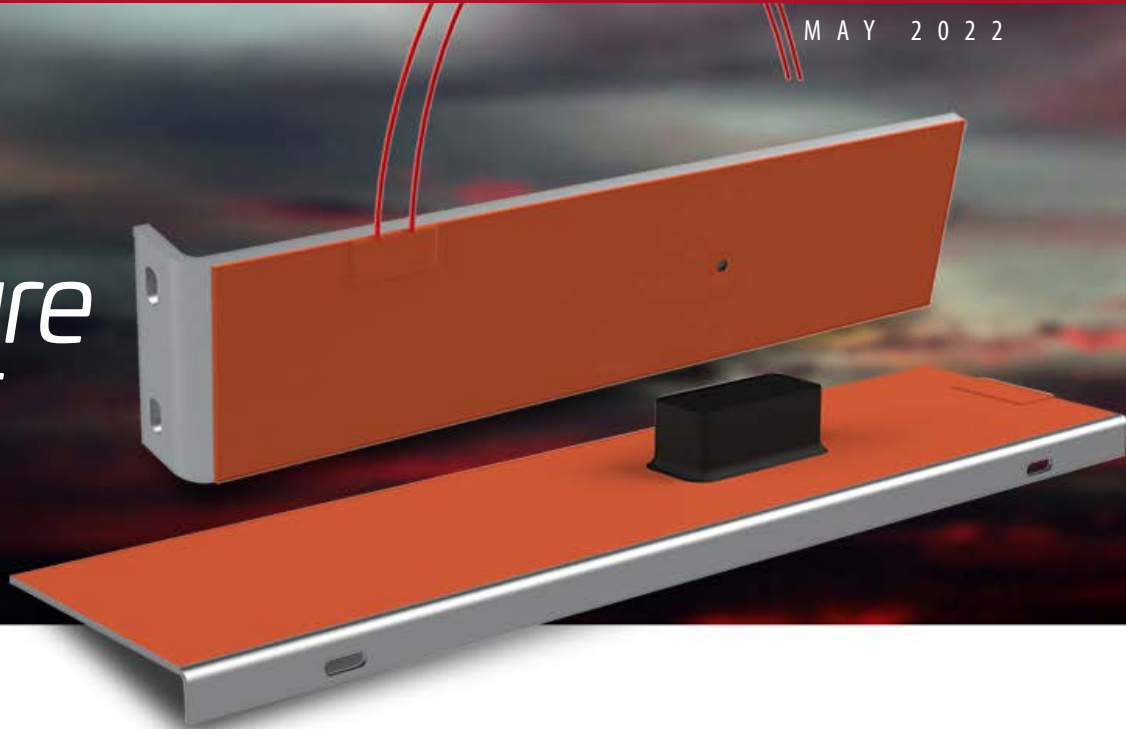
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TUTCONNECT

MAY 2022

TUTCO HEATING SOLUTIONS GROUP | **FARNAM** CUSTOM PRODUCTS

Flexible Enclosure Heaters



TUTCO-Farnam has the Ideal Flexible Products for Enclosure Heater Applications

TUTCO Farnam air and surface heaters offer temperature and moisture protection for enclosures large and small. When outdoor cabinets and enclosures are exposed to cold temperatures the electronics and mechanical systems inside will take on moisture resulting in degradation and failure.



TUTCO Farnam's silicone rubber enclosure heaters are an ideal flexible solution to solve those problems with rapid heat-up and excellent heat transfer. These durable products are thin, small, and a breeze to install. They come with lead wires and thermal control options.

Our heaters are used in ATMs, stop lights, switchgear cabinets, fast food signs/consales, deal drawers, traffic signal boxes, car wash kiosks, security cameras, vacuum stations, alarm systems, and more. Use our Enclosure Heater Calculator for proper sizing by simply

entering your application's criteria to determine how much power your enclosure requires. You may also contact us directly with your enclosure heating requirements.

Product Features

- Rapid heating
- Thermal control
- Rugged design
- Narrow size
- Excellent heat transfer
- Leadwires attached

Applications

- Car Wash Kiosk
- Outdoor control panels
- Highway Traffic Signs
- Alarm Systems
- ATMs
- Fast Food Kiosk & Signage
- Indicator Panels

Solutions

With our extensive heat application experience chances are we have done something similar to your application. Learn about our range of Enclosure Heater solutions [here](#).

LEARN MORE

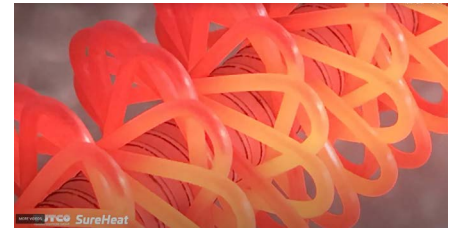


TUTCO SureHeat's

Over Temperature Protection-OTP

TUTCO SureHeat delivers custom heating solutions that perform reliably and have an abundance of failsafe protection to prevent unscheduled downtime even when subjected to the most severe operational error. As part of this commitment, TUTCO SureHeat engineers developed the ultimate protection in resistive wire heating with our patented Over Temperature Protection, OTP. Using the heaters internal "K" type thermocouple sensors combined with external limit control, OTP protects elements from premature failure due to limited or no airflow. When there is an airflow problem, like a compressor fuse tripping and airflow is turned off, you will see the heater elements immediately begin to heat up. At this point the heater's OTP will trip the contactor saving the heater's elements from overshoot. OTP can be installed in new heaters and retrofit into older systems. To learn more, call 800-258-8290 or email orders@tutcosureheat.com

[CLICK TO WATCH VIDEO](#)



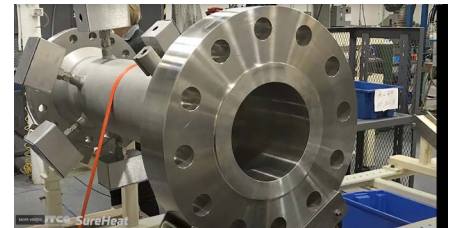
OTP protects elements from overshoot



Airflow keeps elements stable



Loss of airflow causes elements to heat up



OPT is available in new heaters and can also be retrofit into existing systems

Feature Video

How to Use the TPC-CASH 1500



The TPC-CASH 1500, is a compact version of our TPC 1500. This plug-and-play unit includes a 1.5kW Cool Touch inline air heater, adjustable temperature control, flow switch, high-limit thermostat protection, and solid-state relay, in a wall-mountable steel enclosure. 120V or 240V power options are available, with airflows up to 70 SCFM and a maximum pressure of 120 PSIG. The maximum output temperature is 250°F.

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