

Editorial Calendar

Stay up-to-date each month with the latest product news, trends, training and insights from TUTCO Heating Solutions Group.

JULY 2024



ELECTRIFICATION AND DECARBONIZATION

Buy Once. Cry Once.

If you are ready to make the jump from fossil fuels to electric heat, it is wise to invest in a proven solution. This is a cautionary tale of a customer that tried to go the cheap route and cobbled together their own solution. Had they done it right the first time, they would have avoided the need to continually replace equipment and the lost revenue due to downtime.



FEATURE PRODUCT

TUTCO's Control Panels

TUTCO's depth of expertise uniquely qualifies us to manufacture control panels for the heaters we produce. Our engineers have leveraged the latest technology in heater controls and safety features to create a line of controllers well-suited for industrial facilities and OEMs.



FEATURE VIDEO

Custom Control Panels

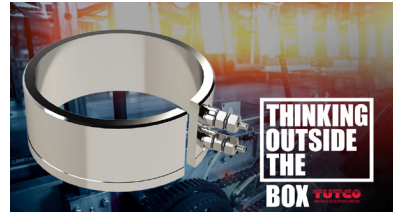
TUTCO manufactures custom control panels for customers that require control solutions built specifically to optimize the performance and provide safe, precise, and reliable heat for their unique application. Learn more about our capabilities in this month's feature video.



ASK IAN

PID Controllers: What's That All About?

This month's Ask Ian explores the instrument used by control engineers to regulate temperature, flow, pressure, speed, and other process variables in industrial control systems.



THINKING OUTSIDE THE BOX

The Hottest Things Around: MI Better Band Heaters

One customer's unique application required a very high temperature from a band heater. Our Mineral Insulated (MI) Better Band heaters were the ideal solution.

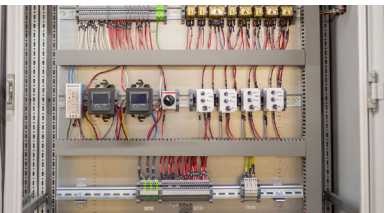
AUGUST 2024



ELECTRIFICATION AND DECARBONIZATION

What it Takes Versus What You Need

As you prepare to make the jump to electric energy, understanding what is required for your process is integral in designing a heating solution that delivers the required results. In this month's feature story, we look at best practices in determining the wattage required and how that relates to the heater and control solution we provide.



ENGINEERING INSIGHT

Using PID for Optimal Control

In the modern world of industrial control and automation, the ideal way to control an electric heater is to use a PID controller in conjunction with a contactor and Solid-state device. Learn more from Logan Hedrick, TUTCO Farnam's Principal Engineer.



FEATURE VIDEO

Replace a Serp VI Element

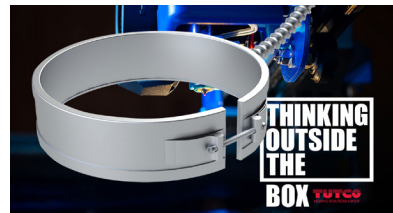
The Serpentine VI triple pass heater is a modular field replaceable air heater commonly used in OEM applications. This month's feature video provides step-by-step instructions on how to quickly and easily replace the heating element.



ASK IAN

Heat and Temperature. What's the difference?

Heat and temperature are related but distinct concepts, especially when discussing heaters. Understanding the difference helps in effectively using and controlling heaters to achieve desired results.



THINKING OUTSIDE THE BOX

Getting Hot Fast - Part 1 HT Mica Band Heaters

Mica is a superb insulating material that is versatile and cost-effective for heater design. Using it in band heater allows us to deliver high temperature solutions with temperatures up to 900° (482°C).

SEPTEMBER 2024



ELECTRIFICATION AND DECARBONIZATION

Being Efficient is the Effective Solution

TUTCO Farnam is helping industries in redesigning processes, equipment, building and homes to reduce the consumption of fossil fuel energy. One of the benefits of moving to electric heat is the ability of your process to be far more efficient. Combining a TUTCO heating solution with one of our control panels will result in a precise heat and control designed specifically for the needs of your application.



FEATURE APPLICATION

Bending Rigid Plastic Pipe

Bending rigid plastic pipe, regardless of the method used, requires heat and physical bending. TUTCO SureHeat provides the ideal heating solutions for the thermoforming extruded pipes or hoses to the shapes required.



FEATURE VIDEO

TUTCO Farnam's Flex Heaters

TUTCO Farnam's line of flexible heaters are highly customizable solutions that excel in adverse conditions. Our Polyimide, Silicone Rubber, and Mica Surface heaters are durable, deliver quick temperature ramp rates, and high temperatures.



ASK IAN

AC and DC – What's the difference?

Everyone's familiar with the terms AC and DC, but understanding the key aspects between alternating current and direct current is vital in designing the optimal heat solution for your application.



THINKING OUTSIDE THE BOX

Getting Hot Fast - Part 2 HT Mica Strip Heaters

HT Mica Strips feature thin construction and high-quality insulation for effective heat transfer and excellent dielectric qualities. TUTCO used mica to design and produce quality heaters to meet a vast array of customer applications.