

# Editorial Calendar

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

## JANUARY 2024



### ELECTRIFICATION AND DECARBONIZATION

#### Electric Heaters Used in Dehumidification

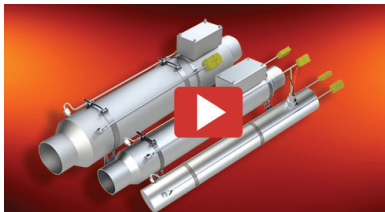
TUTCO Electric heaters play a crucial role in dehumidification processes, offering efficient and reliable solutions to control moisture levels in a variety of environments. TUTCO electric heaters offer several advantages, including precise temperature control, rapid response times, and ease of installation.



### FEATURE APPLICATION

#### Welding Non-Woven Fabrics

TUTCO Farnam electric air heaters are indispensable in the welding process of plastic and vinyl non-woven fabrics. Our heaters provide precise temperature control and contributes to a more sustainable and eco-friendly heating method.



### FEATURE VIDEO

#### Heat Torch™ Heaters

TUTCO Farnam's family of Heat Torch™ inline air heaters are ideal for rapidly heating compressed air or any non-combustible gas. These versatile process heaters provide quick and precise air temperatures in a variety of applications.



### ASK IAN

#### How to Calculate Wattage Requirements Quickly

A quick way to determine the wattage needed for a system without all the laborious calculations. A ballpark calculation is often good enough.



### THINKING OUTSIDE THE BOX

#### Automotive Applications Cleans Up with TUTCO

A customer operating in the automotive industry required a heating solution for their machined components that are dipped in solutions as part of the manufacturing process.

## FEBRUARY 2024



### ELECTRIFICATION AND DECARBONIZATION

#### Green Steel Manufacturing

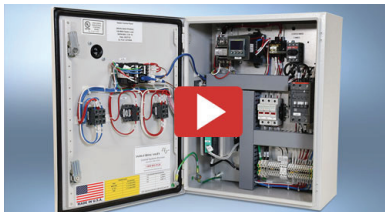
TUTCO SureHeat is making a positive and sustainable impact on the environment through the use of our high temperature electric air heaters in the steel manufacturing industry. Our custom air heaters are making the electrification of the steel industry a reality by providing the extreme temperatures required for metallurgical transformations and enhancing the malleability, strength, and overall quality of the steel.



### FEATURE APPLICATION

#### Oil Clean Up

In situations where oil spills or leaks have occurred, the remediation process often involves the use of TUTCO electric heaters to facilitate the removal of hydrocarbons from the soil. This method is known as thermal desorption.



### FEATURE VIDEO

#### Control Panels

Used with TUTCO Farnam and TUTCO SureHeat process air heaters, our closed-loop heater control panels employ power controllers, a temperature controller, and thermocouples to consistently monitor and sustain constant output voltages for the heater.



### ASK IAN

#### Connecting Heaters to Three-Phase Power

Do you have three heaters and a 3-phase power supply but not sure what the resistance should be reading when it's all connected? This guide will show you the way.



### THINKING OUTSIDE THE BOX

#### Honey Application finds sweet solution with TUTCO

TUTCO was approached by a customer with a specific requirement for heaters to be used by beekeepers in portable equipment designed for harvesting honey in remote areas.

## MARCH 2024



### ELECTRIFICATION AND DECARBONIZATION

#### Environmental Clean Up

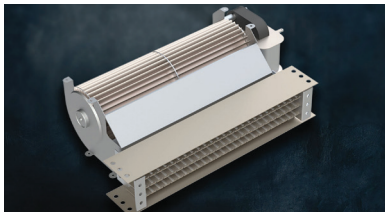
In industrial applications dedicated to environmental cleanup, the utilization of thermal heat plays a pivotal role in achieving effective remediation. As industries increasingly embrace electrification and decarbonization, replacing technologies reliant on fossil fuels with electricity-powered alternatives, TUTCO Farnam's electric heating solutions are playing a vital role in the treatment and removal of environmental contaminants from water, soil, and air.



### FEATURE APPLICATION

#### Air Scrubbers

The use of TUTCO electric air heaters in air scrubbers exemplifies a synergy in air pollution control. By maintaining precise temperatures, TUTCO heaters enhance the overall performance of the air scrubbers, ensuring the efficient conversion of pollutants into less harmful substances.



### FEATURE VIDEO

#### Crossflow Blower Heater

Crossflow Blower Heaters are tailored to meet your specific heating requirements. We match size, wattage, and voltage to meet your specifications for optimal system performance. Learn about all the options available with this versatile heater in this month's feature video.



### ASK IAN

#### Steel Color and Temperature

Need to estimate the temperature of a hot mold or press? This quick eye-ball method will show you how. Check it out in this month's Ask Ian.



### THINKING OUTSIDE THE BOX

#### An Eye-Popping Heating Solution from TUTCO

TUTCO was approached by a customer facing a challenge with their large popcorn kettle design, which utilized multiple cast ring heaters arranged in complex patterns to achieve the required heating for popcorn popping.