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

Axial Fan Heaters

Axial Heaters–ideal for a wide variety of industries and applications

Axial Fan Heaters are one of TUTCO Farnam's most produced heaters. These compact, long lasting solutions are available in a wide range of sizes and configurations and can be outfitted with a number of custom value-added features to meet the specific requirements of OEMs. Our Axial Heaters mount directly to square axial fans which are available separately. The heater housing is manufactured with matching mounting holes and acts as a guard for both the heaters and the fans. This compact heating solution, which are available in several sizes and numerous wattages, is a robust solution for drying, curing, and warming applications that are typically found in film processing, lab, and medical instruments. All Axial Fan Heaters are UL recognized components under UL file number E154979.

Custom Solutions for analytical equipment

TUTCO Farnam creates custom solutions for applications that require greater speed, accuracy, sensitivity, and portability from their analytical equipment. We have decades of experience designing and manufacturing custom heaters for sensitive analytical equipment in the laboratory, medical, and oil and gas industries. We help operators achieve greater speed and accuracy with robust thermal designs. Our heaters tightly control temperature with uniform consistency from run to run.

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SPECIFICATIONS

Max. Watts	1200W
Max. Inlet Temperature	158ºF (70ºC)
Max. Exhaust Temperature	290ºF (143ºC)
Minimum SCFM	1
Maximum SCFM	105
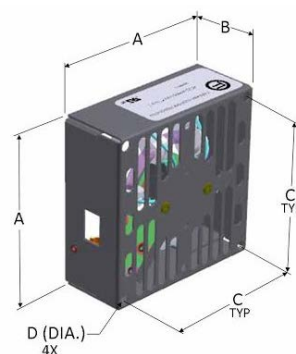
SIZE	A	B	C	D
2.4	2.34	1.25	1.97	.166
3.1	3.125	1.25	2.81	.166
4.7	4.68	1.25	4.125	.166

Evaporator Heaters Used in Vending Enclosures

Enclosure Heating applications can present many challenges. In one instance, the air conditioners used to keep vending enclosures cool produced enough water through condensation to be an issue. Evaporation was not happening quickly and efficiently and the water was overflowing the drip tray and leaking onto the floor. The challenge was to develop a heater that would expedite the evaporation process while fitting into a very tight location within the tray. This meant that the heater would be sitting in water and need to be submersible, which ruled out using any fiberglass or silicone. The heater would also need some kind of temperature regulation as the heater will get very hot when there is no water present in the tray. There was no room for a sensor or any kind of thermocouple

TUTCO-Farnam developed a custom-flexible waterproof heater. We bonded raw silicone rubber (no fiberglass) and sealed the edges to ensure it was submersible. The heater featured a PTC thermistor on its surface with a cut-off switching temperature and PSA on the bottom for easy installation. The small heater, which fits into a very tiny space and is simple to install, is self-regulating and will turn itself off when the temperature gets too hot.

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RELATED PRODUCTS

Silicone Rubber Enclosure Heaters
Silicone rubber enclosure heaters are durable, thin, a breeze to install. They come with lead wires and thermal control options.

Custom Silicone Rubber Heaters
Highly customizable industrial heaters that offer amazing heat transfer, resist vibrations and are resistant to most chemicals.

Mica Enclosure Heaters
Designed for freeze prevention and condensation protection, the Mica enclosure heater features a rugged and reliable solution while being easy to install.

Not sure which heater option is right for your application, try our

ENCLOSURE HEATER CALCULATOR

Feature Video
What heater works best for your client's process?

A..J. Nidek, TUTCO's National Sales Manager, discusses choosing the right heater for the application. This is a very common question when a company is moving from natural gas or propane to electric heat. Many times what the customer is using for heat is not necessarily what it takes for their process. Electric heat allows TUTCO to focus on what is required by the process to provide a safe and precise solution.

WATCH THE VIDEO

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