

FINNED STRIP HEATERS

Finned Strip Heaters are used for both forced and natural convection air heating. It is designed using a helically wound resistance coil placed on a ceramic insulator. Remaining voids are filled with high purity magnesium oxide to increase thermal conductivity and dielectric strength. Continuous spiral fins are permanently furnace brazed to the sheath. Stainless steel rectangular tubing is used to house the heater assembly. It can be easily regulated by using a heating control panel or a thermostat as temperatures can reach as high as 500 degrees F. Lower sheath temperature and element life are all maximized by this finned construction as the fins improve heat transfer in free or forced air heating applications.

Finned Strip Heater is a flexible and reasonable heating source used across a wide range of applications such as process air heating (drying cabinets, ovens, baking ovens, vacuum dehydrating ovens, moisture protection for motors); dropping resistors for line applications in railroads and load banks; winterizing (hoppers, conveyors, ducts, car heating, thawing); original equipment (air conditioning, laboratory equipment, food packaging, ovens, presses, drying equipment).

OPTIONS

Sheath Material	Steel, 304 Stainless steel, Iron, Aluminum, Zinc coated Steel
Watt Density	Up to 38 W/square inch
Length	Up to 48 inches
Fins Material	Stainless steel, MS

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