

OVERVIEW

WATTCO™ strip heaters are composed of a heating element, a protective sleeve or sheath, and mounting hardware. Used as radiant heaters, they have finned strips to maximize surface area and heat transfer to the air. They are clamped or bolted onto objects or solid surfaces in several heating applications.

Our strip heaters are the best versatile choice to provide good surface contact heating over large areas.

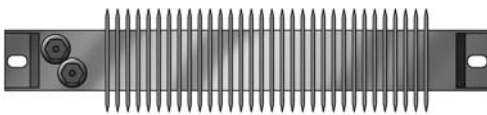
CPS**T1



CPS**T2



CPF**T1



FEATURES

KEY FEATURES

- Equipped with insulation to reduce heat loss
 - Insulation materials:
 - Magnesium oxide
 - Mica
 - Fiberglass
 - Minerals
 - Ceramic materials
- Available mounting styles for strip heaters:
 - Mounting tabs with holes
 - Mounting tabs with slots
 - Slots or holes without tabs
- Special sizes, wattages, and materials available upon request
 - Available sheath materials:
 - Aluminum
 - Iron
 - Steel
 - Stainless steel
 - Aluminized steel
 - Zinc-coated steel
- Compressed under high pressure
- Available in a wide range of wattages
- Custom-designed to meet your specifications

BENEFITS

- Easy and economical to install
- Easy to control
- Designed with first-class quality materials (high temperature alloy resistance wire)
- Uniform heat distribution
- Corrosion resistant and attractive (with aluminized steel strip heaters and a stainless steel sheath)
- Suitable for higher temperatures
- Vibration resistant (with compacted semi-vitrified refractory material and rigid sheathed construction)
- Built solid
- Durable
- Versatile

APPLICATIONS

- Surface heating:
 - Dies
 - Molds
 - Tanks
- Process air heating:
 - Ovens
 - Drying cabinets
 - Baking ovens
 - Vacuum dehydrating ovens
 - Moisture protection for motors
- Dropping resistors:
 - Line applications in railroads and load banks
- Winterizing:
 - Hoppers
 - Conveyors
 - Ducts
 - Car heating systems
 - Thawing
 - Control Panels
- Dehumidifiers
- Space heating
- Packaging and sealing equipment
- Food warming equipment
- Vulcanizing presses
- Drying equipment
- Laboratory equipment
- Air conditioning

The following sections will help you select a strip or finned strip heater that meets the requirements of your application. Please call us at 1.800.4WATTCO (1.800.492.8826) for further assistance.

SELECTING

WATTCO™ STRIP and FINNED STRIP HEATER

FACTORS TO BE CONSIDERED

Please consider the following factors in order to select the proper strip heater:

- Operating temperature
- Heating element watt density (consult our factory)
- Sheath material (corrosive or non corrosive)
 - Temperature of the corrodent
 - Degree of aeration of exposed corrodent
 - Velocity of the corrodent

CONSTRUCTION - CPS**T1 STRIP HEATERS

CPS**T1 strip heaters are made of two offset bolt type terminals at one end. Refer to Table 1 for a list of heaters with an aluminized steel sheath.

NEED ASSISTANCE?

Please call us at 1.800.4WATTCO (1.800.492.8826) for further information or for assistance.