



Thermal and Cable Solutions

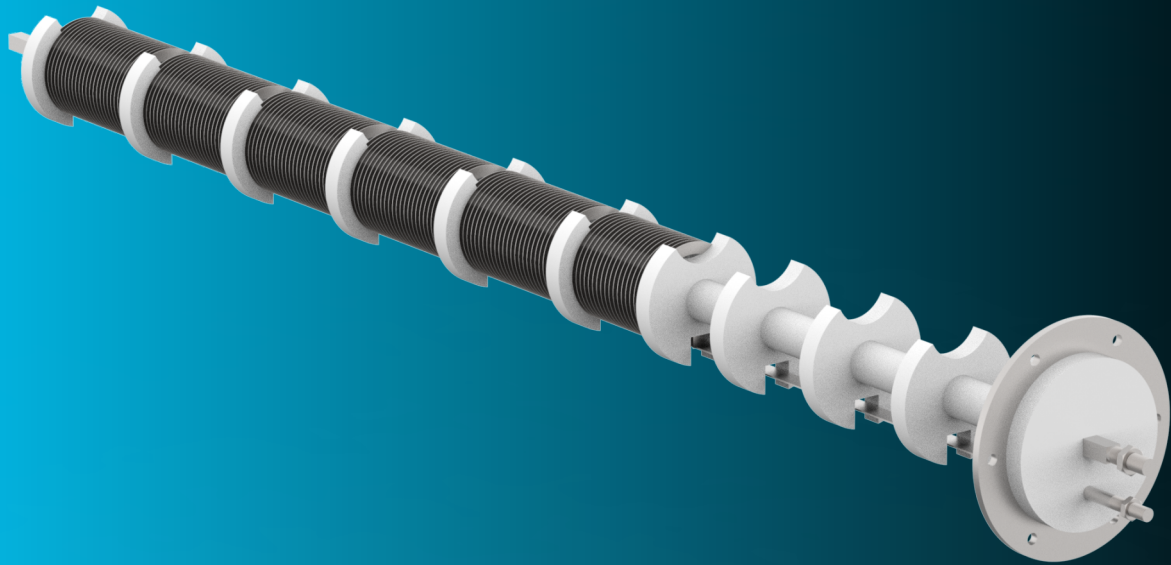
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CCOE



EDGE WOUND HEATER



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EDGE WOUND HEATER

Marathon heater manufacture special designed and developed edge wound heater Which is also known as bayonet heater. Edge wound elements are used in applications where utmost power is required in limited space. These elements replace rod elements in furnaces requiring more power and are used to convert gas-fired furnaces to electric heating. Different furnaces such as roller

hearth, pit, batch, low temperature aluminum tempering furnaces and high temperature exothermic gas generators use these heating elements to meet their heating requirement. A nickel-chromium alloy (80/20 or 70/20) forms the basis of these heaters. it is deliver maximum radiation of surface area of the element and delivers high wattage in limited area.

Advantage

- Higher power density
- Easy to install, replace and install
- Long service life at all temperatures
- Horizontal or vertical mounting
- Repairable to extend service life

Technical Specifications

Heating Element Material	NiCr alloy (80/20 or 70/30)
Wattage	65 kW
Max. Temp.	1950°F (1050°C)
Length	Customized

Note : For custom design requirements please contact factory

Construction

1. Heating element Nichrome 80:20, ferritic alloys mara FeCrAl
2. Diameter upto :160mm
3. High resistance strip of edge bending in coil form which is wound on high aluminium ceramic bobbins.

