



DUCT Heaters ***HCS***

Process Air Heaters and Duct Heaters are available in a wide variety of wattage's, Voltages and sizes to meet most applications. Process Air Heaters and Duct Heaters are available with thermostats, thermocouples or hi Limit cutouts as called for by the process.

Process Air Heaters and Duct Heaters are made with Dust Resistant Housings (NEMA 12), Washdown NEMA 4 Stainless steel Housing, or Explosion Resistant NEMA 7 Construction. The elements used could be finned or regular tubular elements to enhance heat transfer.

Process Air Heaters and Duct Heaters can be designed to fit in most Ducts or could be made to order as required.

Process Air Heaters and Duct Heaters Features:

- High air temperatures
- High wattage's 2.5 megawatts
- Corrosion/oxidation resistant sheath
- Explosion proof housing construction option
- Wide range of voltages available
- 3" insulation reduces heat loss
- Custom sizes and wattage's in single or three phase

Process Air Heaters and Duct Heaters Specifications / Design Capabilities:

Voltages. 120 to 600 VAC Single or Three Phase 2
Watt Densities. 10 to 67 Watts/inch
Process temperatures. 1200°F (650°C)
Elements. Incolloy Tubular or Finned Tubular / Nichrome
Sensors. Thermocouple J, K, In air For Process Temp
Thermostats 3/16" Bul and capillary Air Temp
Hi Limits. Thermocouple braized to the sheath
Thermostat with reset braized to sheath
Terminal Enclosures. Dust Resistant NEMA 12
Explosion Resistant NEMA 7
Corrosion Resistant NEMA 4X
Moisture Resistant NEMA 4
Options. Built In Controls / Stant Off Enclosures

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