

Custom Process Tubular DUCT Forced Air Heaters

Process air duct heaters are used for tempering forced air in many industrial processes. Heater wattage is dependent on air outlet temperature (up to 1200°F [650°C]) and air velocity. Smaller duct heaters can be tandem mounted in place of one large unit to meet space limitations and simplify installation.

Heavy wall Incoloy® tubular heating elements (field replaceable) provide protection against corrosive air environments and resistance to vibration when compared to open coil elements.

Air duct heaters can be designed specifically for high pressure and/or hazardous locations. Turnkey systems including the duct heater, power and temperature control panel, and the temperature and over-temperature sensors can also be provided.

Our creative team of professionals can design and manufacture your next process forced air duct heating system.

Consult us with Your Requirements.

Typical Applications

- ↪ Air Drying/Curing Operations
- ↪ Annealing
- ↪ Autoclaves
- ↪ Booster Air Heater
- ↪ Braking Resistor
- ↪ Core Drying
- ↪ Dehumidification
- ↪ Forced Air Comfort Heating
- ↪ Heat Treating
- ↪ Make-Up Air Heating
- ↪ Re-Heating
- ↪ Resistor Load Banks



Electrical Housings: NEMA 4 (moisture resistant), NEMA 7 (explosion resistant) and NEMA 12 (dust resistant) are available.

High Temperature Application:
The electrical housing is separated from the heater flange to lower the ambient temperature of the electrical wiring.



Finned Duct Heaters

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