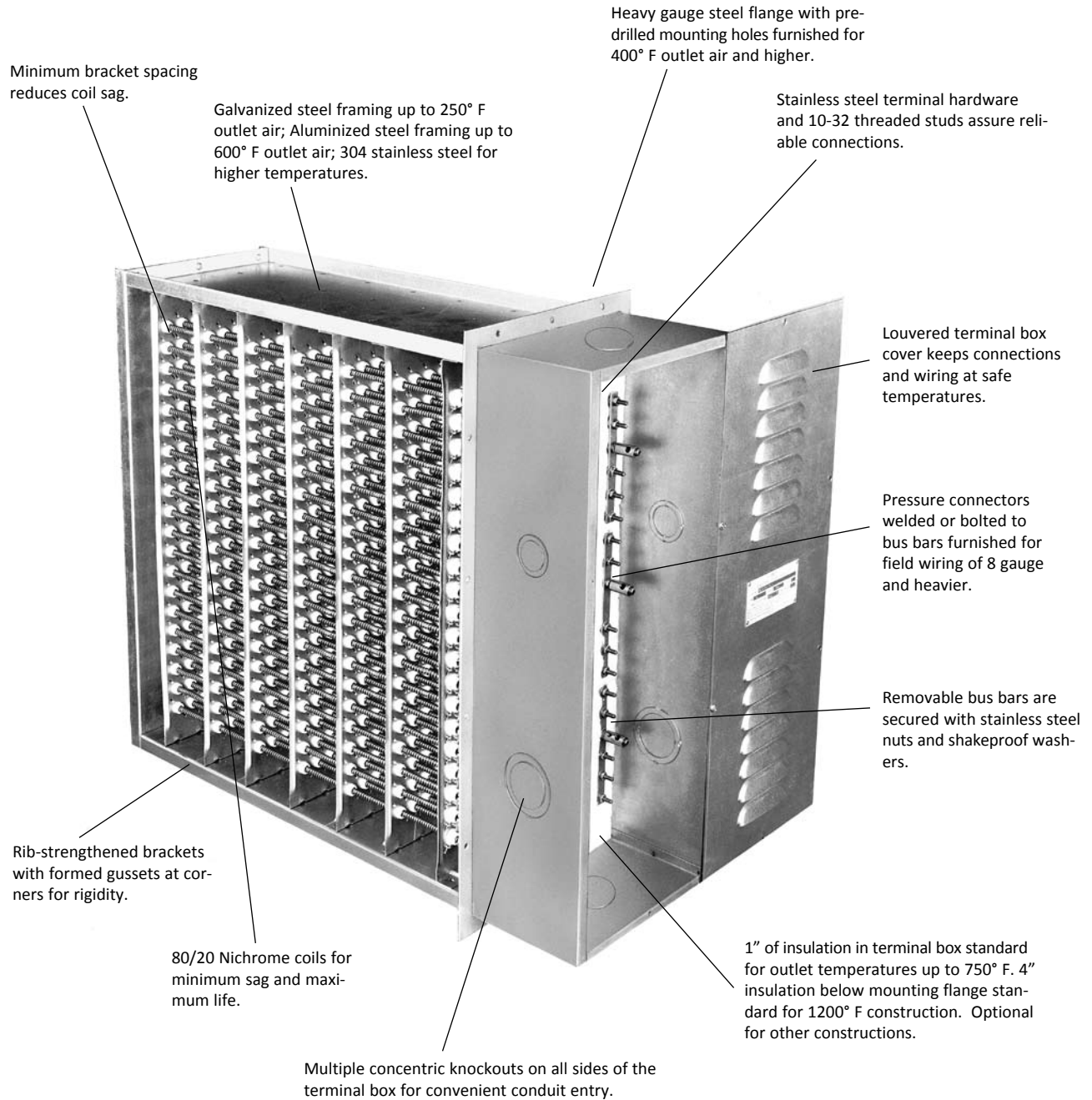


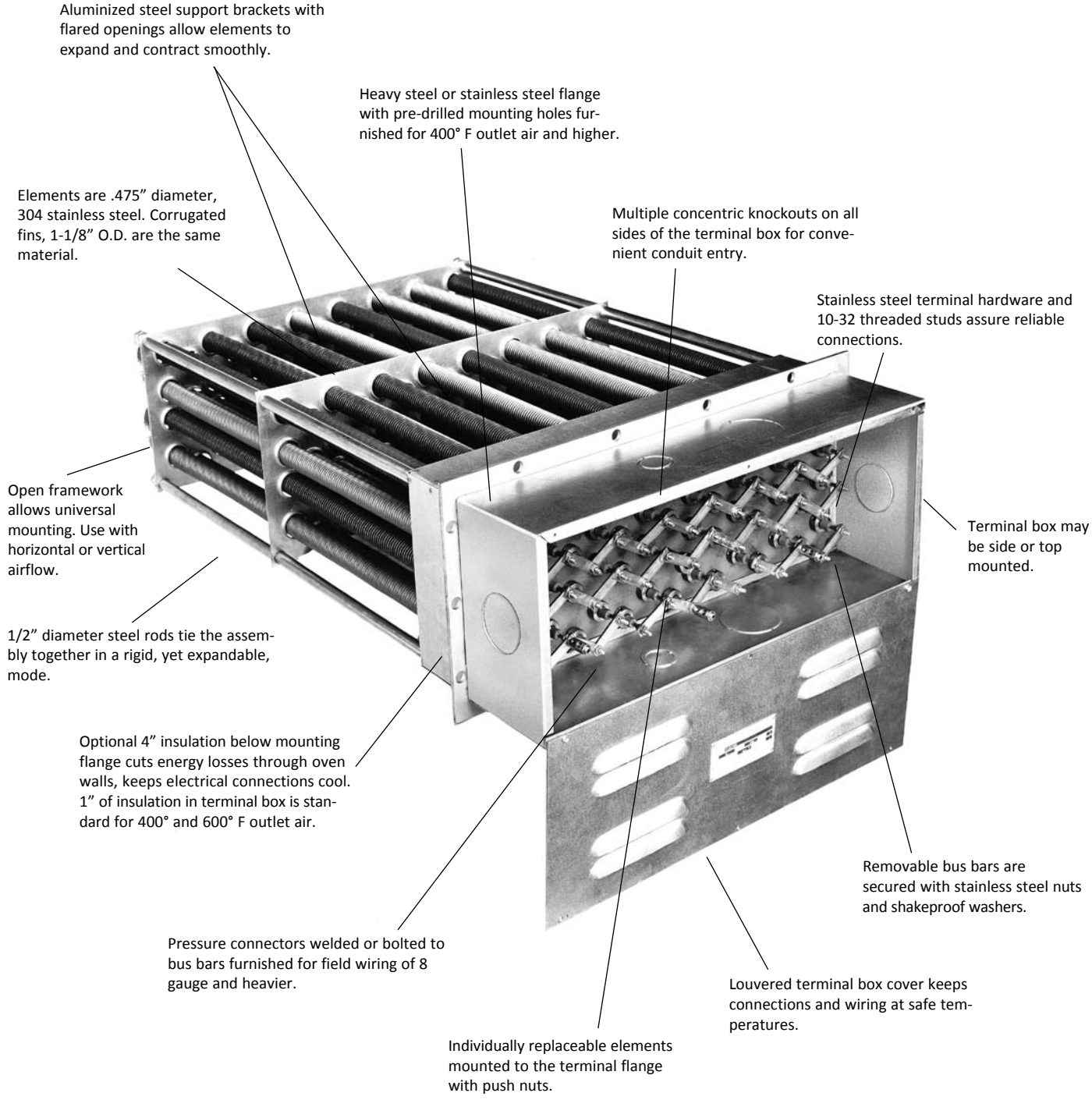
Construction

All Heatrex process duct heaters are designed and built with the following construction features to assure the highest quality and long service life.

Open Coil Heaters

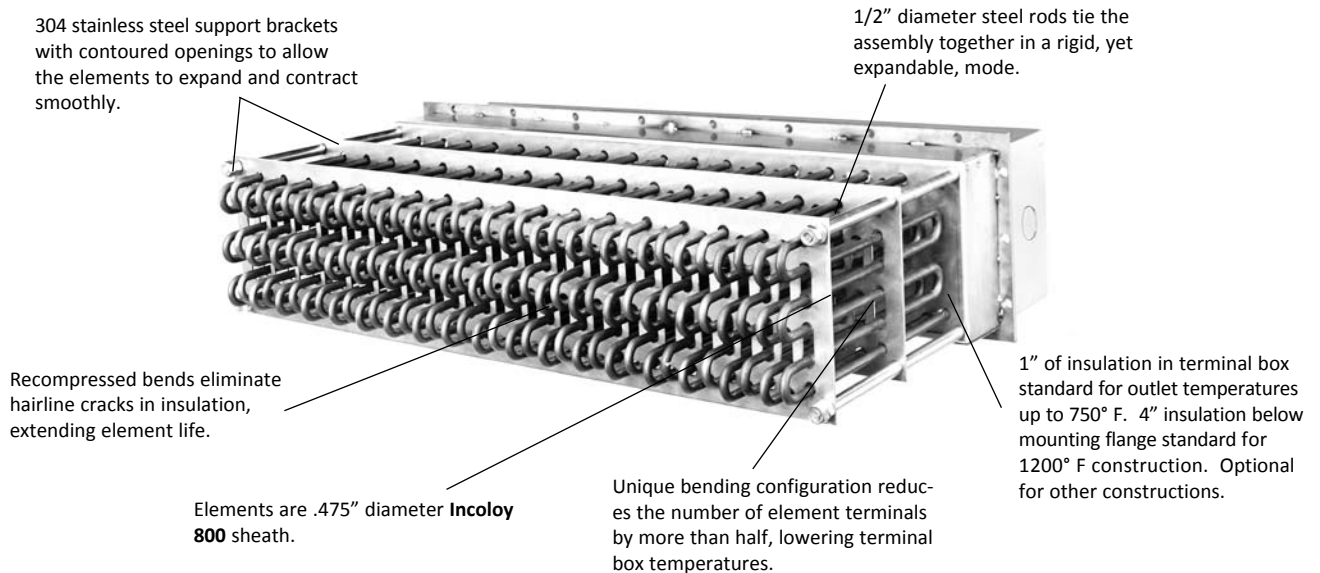
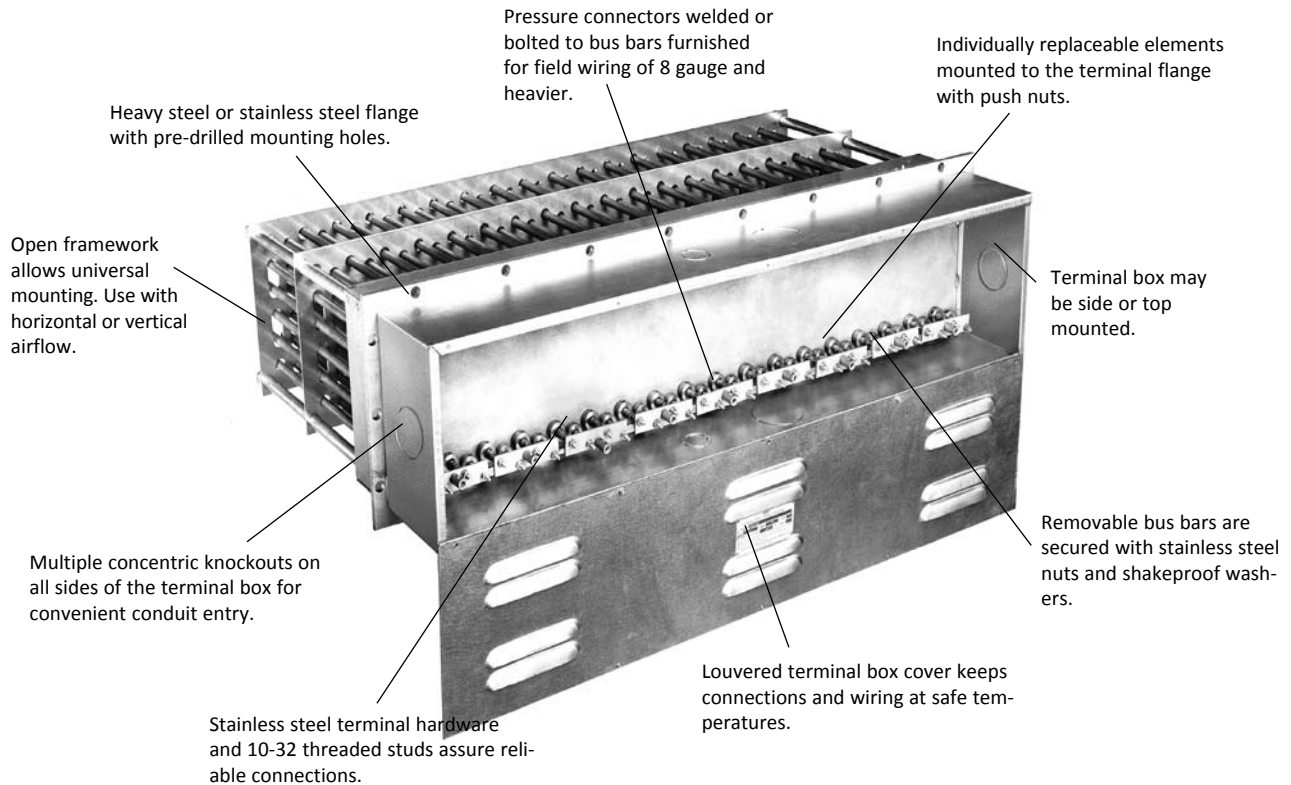


Finned Tubular Heaters



Construction

Tubular Heaters



Construction/Typical Applications

250° F Construction

Low temperature heaters, suitable for 250° F maximum outlet air, are available in both open coil and finned tubular constructions. They are identical to the heaters described on pages 2 and 3 except for the following features.

- The steel flange is omitted. The heater is attached to the oven or duct wall with sheet metal screws through the base of the terminal box.
- Individually replaceable finned tubular elements are flange mounted.
- The terminal box has 1" of insulation.
- A galvanized steel channel frame is provided on three sides, with the element support brackets welded to the frame.



Typical Applications

Heatrex Process Duct Heaters are installed in plenums, ducts or pipes to heat forced air in industrial equipment and systems. A wide variety of heater designs and sizes are available to provide outlet air temperatures up to 1200° F. The air can be either recirculated or fresh. Recirculated air is used to reduce power consumption and heater size.

Fresh air is used when ventilation of the process is necessary. Process duct heaters are installed in ovens, furnaces, autoclaves, dryers, conveyor systems, pressure vessels, and other equipment to supply the precise amount of clean heat for:

- Aircraft Manufacturing
- Air Curtains
- Air Drying
- Annealing
- Booster Heating
- Baking
- Batch Heating
- Chemical Processing
- Cooking
- Core Drying
- Cryogenic Exhaust Gas Heating
- Curing
- Dehumidification
- Dehydrating
- Drying
- Exhaust Gas Heating
- Film Drying
- Finishing Systems
- Food Processing
- Fruit Ripening
- Heat Recovery Supplement
- Heat Treating
- Hopper Heating
- Ink Drying
- Laboratory Testing
- Make-up Air Heating
- Metal Finishing
- Motor Winding Burnoff
- Paint Baking/Drying
- Pharmaceutical Manufacturing
- Plastic Curing
- Preheating
- Reheating
- Roasting (nut, coffee, corn, etc.)
- Semi-Conductor Manufacturing
- Sterilizing
- Standby Heating
- Textile Drying
- Varnish Drying
- Wire Manufacturing

