

GAUMER PROCESS

HEATERS
SYSTEMS
CONTROLS

APPLICATIONS

The Gaumer Electric Process Type G Duct Heater is designed for rugged duty where air must be heated to temperatures higher than what would be normal for comfort heating. Temperatures as high as 1100° F are possible if the heater is properly selected. Contact Gaumer Process for assistance in selecting Type G Duct Heaters.

HEATER SELECTION

Single Row Coil (1G-----)

For heating large quantities of re-circulated air thru a very small temperature rise (to 10 degrees) resulting in a low pressure drop and low heater face velocity (300-1000 fpm).

Two or Three Row Coil (2G-----) or (3G-----)

For heating large quantities of re-circulated air thru a temperature rise (10 to 50 degrees) resulting in a normal pressure drop and average heater face velocity (500-2000 fpm).

Three Row or Four Row Coil (3G-----) or (4G-----)

For average quantities of air thru a normal temperature rise (50-100 degrees) resulting in a low pressure drop and low heater face velocity (500-2000 fpm).

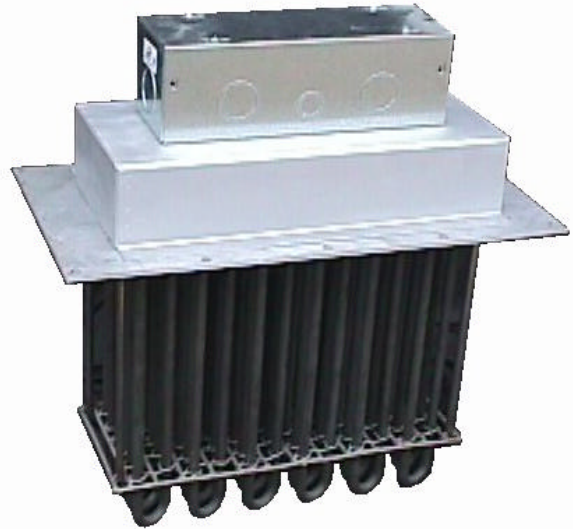
6, 8, 12 Row Coil (6G-----), (8G-----), (12G-----)

For average quantities of air thru a higher than normal temperature rise (100-600 degrees).

SPECIAL FEATURES

- INS Insulated Section on Element Side of Flange
- SPT Flange Attached Spacer Assembly
- SS Stainless Steel Flange
- W Wattage Other Than Cataloged
- V Voltage Other Than Cataloged
- ER Explosion Resistant Construction
- LT Weatherproof Construction
- J(K) Additional Sheath Sensing Thermocouple for Overheat Protection
- HTR Space Heater Mounted in Terminal Enclosure
- X Special Feature not Listed Above

Hi-Temp Duct - Type G



STANDARD FEATURES

Heating Elements

- Incoloy 800 Sheath Material
- Heavy Wall (.035 in.)
- Large Diameter (.475 in.)
- Sealed Terminals

Standard Features

- High Temp Alloy Spacers
- Gaumer "Evenflow" Configuration
- Type K TC for Overheat Protection
- Insulated Terminal Section

Construction

- Welded Heating Elements
- Welded Spacers

Installation

- Flying Leadwires Provided
- Only Standard Materials Needed in Field

Service

- Wiring Modifiable in Field
- Assembly Repairable at Factory

For more information or to place an order call the Shuhart Company • 1-880-349-9898