

TERI Fuel Gas Heaters are ideal for applications where sensible heat input is required or where super heating gas above hydrocarbon and water saturation dew points, and elemental sulfur control is needed.

Our heaters are sized for dedicated temperature ranges based on customer specifications and pair well with gas turbines such as Solar Turbines. PLC controlled to coordinate with gas turbines for seamless operation and stable fuel gas temperature control. Available in Slip-Stream configuration when a wide gas temperature control range is acceptable, or in a Tempering Control configuration when a tighter gas temperature control is required.



APPLICATIONS

- Sensible heat input
- Super heating gas
- Fuel gas dew point control
- Elemental sulfur control
- Heating at compressor stations
- Cogen plants
- Combined cycle power plant
- Wide or tight gas temperature control ranges



STANDARD FEATURES

- Designed and built in accordance with API 12K
- Removable firetube and coil bundle
- 100% radiography on process coil welds
- Process coil built to ASME VIII Div 1. National board stamped
- 304 Stainless Steel stacks
- ASME CSD-1 fuel gas trains, custom designs available including NFPA 86 and 87
- PLC controlled for coordination with gas turbine
- Designed, fabricated, and fully tested (including shop-fired) all in-house by OGI



Now Featuring

24/7 Tech Support

918-246-1600

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8939 West 21st Street | Sand Springs, OK 74063

**ENGINEERED FIRED EQUIPMENT
FOR THE ENERGY INDUSTRY**

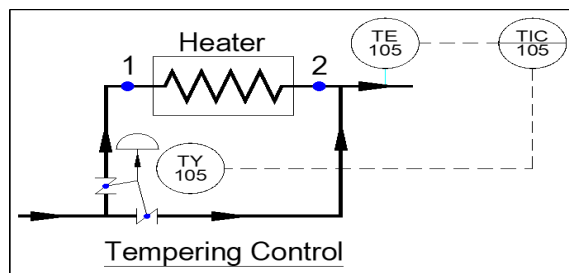
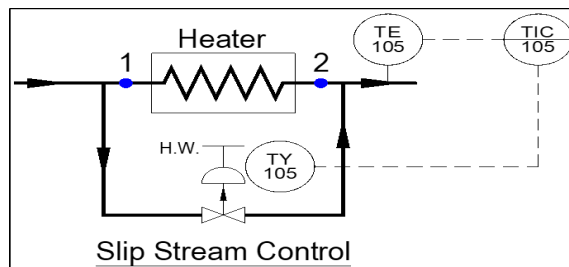
OGI PROCESS EQUIPMENT, INC.

By utilizing industry best practices along with our experience and design philosophy, TERI manufactures heaters that not only operate safely and reliably, but also achieve high efficiencies and proper emissions. Our unique approach to design allows for a truly custom designed solution that gives you the lowest cost of total ownership. Let us show you how you can achieve this on your next heating system.

With individual heater capacities from 0.3 MMBtu/hr up to over 15 MMBtu/hr, our expert team can conceive and construct the right TERI Horizontal Heater for your needs. With available options in both forced draft and natural draft models, TERI heaters can accommodate any working conditions, environmental compliance, and power availability.

AVAILABLE OPTIONS

- Custom coil configurations to meet footprint and space constraints
- Customized heater supports to meet existing pier locations
- Shell treated with water-soluble rust prevention coating
- Hot-dipped galvanized skirts, ladders and platforms
- 110% containment skirts with drain valves
- Slip Stream gas mixing controls for wide temp ranges
- Tempering valve controls for tight temp ranges (+/- 3° - 5°F)
- Single, dual, or triple burner designs
- Staged burners for temperature control and redundancy
- Pneumatic, electric, or combination equipment operation controls
- High pressure coil ratings up to 10,000 psig
- Flame-safeguard assemblies including pneumatic, 120VAC, 24VDC, 12VDC, or solar power
- Burner Management Systems (BMS)
- Remote control and monitoring
- Low NOx and Ultra Low NOx
- Allen Bradley or GE PLC controls
- HMI displays
- Low noise flame arrestor modifications
- Flame arrestor draft controls
- Stack insulation
- Unobstructed discharge stack designs for improved dispersion of emissions
- Long term storage prep
- Startup and commissioning
- Field modifications and upgrades
- Preventative maintenance and field training



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