

ENGINEERED FIRED EQUIPMENT FOR THE ENERGY INDUSTRY

TERI Vertical Indirect-Fired Water Bath Heaters are an aesthetically pleasing and environmentally safe addition to TERI's popular horizontal water bath heater line.

TERI Vertical Water Bath Heaters are not under a vacuum system, and they utilize shorter stacks than horizontal heaters to provide a lower profile option.

The complete vertical heater system consists of the following components, each designed to meet specific design criteria:

- The process coil, which is designed in accordance with API 12K or ASME Section VIII Div. 1 code requirements
- The fire tube, which efficiently transfers heat into the surrounding heat media
- The heater shell, which is an atmospheric vessel designed in accordance with API 12K requirements
- The heat media, which is intended to provide proper freeze protection

FEATURES

- Higher Thermal Efficiency (75%-85%)
- Small footprint package
- Quiet burner assembly
- Pneumatic instrumentation
- Forklift pockets and lifting lugs for ease of installation
- Fully enclosed controls

APPLICATIONS

- Heating natural gas prior to pressure reduction to eliminate frost formation
- Preventing hydrate formation in well stream fluids
- Heating well stream fluids prior to phase separation

AVAILABLE OPTIONS

- Sophisticated remote control and monitoring equipment
- Flame safeguard assemblies including pneumatic 120VAC, 24VDC, 12VDC, or solar power
- Manual or automatic pilot ignition designs
- Shell treated with water-soluble rust prevention coating
- Hot-dipped galvanized heater skirts, ladders, and platforms
- Other customized solutions as required by the application



24/7 Tech Support
918-246-1600

STANDARD SIZES

100,000 BTU/Hour (3'x4' Base x 6'4" Tall)

200,000 BTU/Hour (4'x5' Base x 7'6" Tall)

300,000 BTU/Hour (4'x5' Base x 8'8" Tall)

400,000 BTU/Hour (4'x5' Base x 9'10" Tall)

500,000 BTU/Hour (5'x6' Base x 11' Tall)

Dimensions shown do not include 4'0" stack height.

