

GAUMER PROCESS

HEATERS
SYSTEMS
CONTROLS

Gaumer Heat Transfer Fluid Vaporizer Type GVOH

APPLICATIONS

Designed for use in process industries such as chemical, petrochemical, textile, and others requiring large amounts of accurately controlled heat at high temperatures with low operating pressures. Recirculating fluids such as Dowtherm A, Dowtherm J, and Therminol VP-1 can be maintained at temperatures as high as 750° F. Utilizing the vapor phase of these heat-transfer fluids promotes high heat transfer rates and also close temperature control.

STANDARD FEATURES

- Pre-engineered and proven design package that has been field tested under many kinds of conditions.
- Low Watt-density Heavy Wall (.035 in.thick) Incoloy 800 sheathed heating elements arranged to provide "Even Heat" inside tube bundle.
- All Welded 300 lb. Carbon Steel Tank Construction includes Hartford Loop Circuit if desired.
- Vessel and Relief Valve ASME Certified to 150psig @ 750° F.
- Industrial quality pressure gauges.
- Gate valves (inlet and outlet) provide system isolation from process when required.
- Flanged inlet and outlet.
- Process Controlling Digital Pressure Switch with 4-20ma output to SCR Thyristor System.
- Over-pressure Cutout Switch
- Liquid Level Control with Low Level Lockout
- Fully gasketed electrical control enclosure with door mounted disconnect handle, temperature indicator, pilot lights, and switches.



MORE STANDARD FEATURES

- Heating element sheath sensing thermocouple for quickest response to overheat conditions.
- SCR Thyristor Power Control - assures more accurate pressure/temperature control than conventional systems and effectively reduces watt-density during normal operations.
- Electronic over-temperature control with separate safety contactor and illuminated reset button.
- Electronic PID Type indicating temperature control.
- Installation, Operation, Parts List Manuals.

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