

GAUMER PROCESS

HEATERS
SYSTEMS
CONTROLS

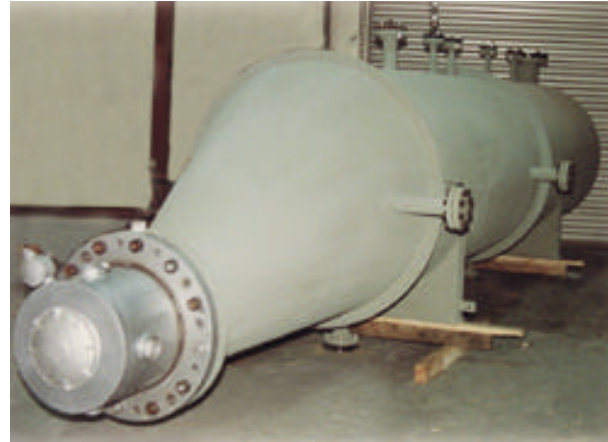
Gaumer Ammonia Vaporizer Type GVAH

APPLICATIONS

For changing state of Ammonia from liquid to gas and for maintaining desired pressure conditions of the gas vapors.

STANDARD FEATURES

- Pre-engineered and proven design package that has been field tested under rugged conditions.
- Low Watt-density Incoloy 800 sheath heating elements arranged to provide "Even Heat" inside tube bundle.
- 300 Lb. Carbon Steel Tank Construction
- 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.
- Excess Flow Valves
- All welded construction.
- Complies with ANSI K61.1
- Fully gasketed electrical control enclosure with door mounted disconnect handle, temperature indicator, pilot lights, and switches.
- Heating element sheath sensing thermocouple for quickest response to overheat conditions.
- SCR Thyristor Power Control - assures more accurate 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.



CONSTRUCTION

- Weatherproof Construction (NEMA IV)
- Explosion Resistant Construction (NEMA VII)
- Separate control package for remote mounting.
- Multiple systems on one skid.

CONTROL OPTIONS

- Level Sensors
- Pressure Sensors

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