

Products for the HVAC & Industrial Markets

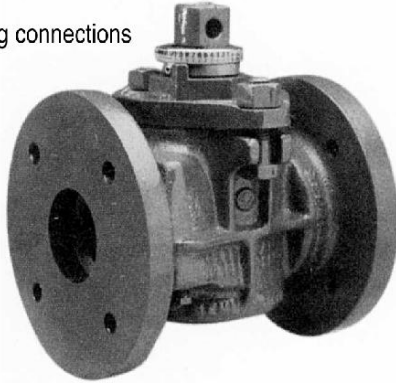
GLOBAL FLOW PRODUCTS®

TDV™ Valve

Combination pump discharge valve functioning as a shut-off, check and calibrated flow balancer. Available in sizes 1½" through 12" with ductile iron body. Threaded or flanged ends.

Standard Features:

- Schrader valve metering connections
- Memory stop
- Plug position indicator and calibrated scale
- Spring-loaded clapper
- Bubble-tight shut-off
- In-line serviceability



Multi-Function Benefits:

- Flow regulator valve
- Positive shut-off
- Non-slam check valve
- Convenient gauge connections
- Compact size

Suction Diffuser

The Wheatley suction diffuser is designed to reduce space and installation costs by replacing a long radius elbow, strainer and extended entry pipe on the suction side of the pump.

Standard Features:

- Direct mounting in horizontal or vertical position
- Separate fine mesh startup screen surrounds each perforated screen



Multi-Function Benefits:

- Saves costs and space by replacing 90° elbow, strainer and flow stabilizing pipe
- Consult product literature for available sizes

ASME Bladder Type Expansion Tanks

Standard Features:

- Removable and replaceable heavy-duty Butyl rubber bladder
- "Full Acceptance" Series for large expanded fluid volumes
- ASME constructed and stamped. National Board registered
- Maximum design pressure 125 psi

Optional Features:

- Higher working pressures available
- Epoxy-coated covers on full acceptance models
- California sight glass. Seismic mounting clips.



WPS Series Plain Steel Expansion Tanks

Standard Features:

- ASME constructed and stamped National Board registered
- Design pressures
2" -- 20" diameter: 150 psi, 225 psi test
24" -- 30" diameter: 1125 psi, 188 psi test
- Accurately-positioned opening
- Manufacturer's data report for pressure vessels, Form U-1 available

Optional Features:

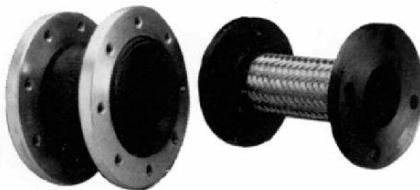
- Complete accessory package – liquid level sight glass, tank fittings, drainer
- Hot dipped galvanized
- Saddles for horizontal installation
- Customized sizes, pressures and materials



Pump Connectors

Standard Features:

- Reduces vibration and noise in piping system
- Controls thermal movement, pulsation, misalignment and electrolysis
- Standard construction of chemical resistant elastomers such as Neoprene, Nitrile, and EPDM
- Floating flanges drilled or tapped to mate with 150# companion flanges



Stainless Steel Pump Connectors

Standard Features:

- Stainless steel corrugated inner tube and outer shield of wire braid
- Stainless Steel - 300 Series
- Steel fixed flanges ASA 150 lb.
- Maximum working temperature 850°
- Pressure safety factor of 4:1

Globe-Style Flow Regulating Valve For Circuit Balancing

Standard Features:

- Globe-style design for precise balancing and low pressure drop
- Hidden memory protects precise balance setting during on/off operation
- Positive shut-off
- Pre-balancing capability saves time

Optional Features:

- Differential pressure meter



Plug Style Balancing Valve

Standard Features:

- Sized 2" through 54"
- Compact design, quarter turn operation
- Easy to read flow indication plate
- Lever standard on 2 1/2" and 3"
- Maximum working pressure of 175 psi
- Ideal for HVAC hydronic balancing
- Adjustable memory stop standard on 2 1/2" through 20"
- Schrader style test port connections for balancing



Optional Features:

- Gear operator available on 4" through 54" models
- 2" through 3" available with NPT connections
- Grooved connections available 3" through 12"

ASME Tangential Air Separators

Standard Features:

- ASME constructed and stamped. National Board registered
- Tangential design results in smaller unit
- Provides air-free fluid flow which protects against damage and system noise
- Helps prevent waterlogged compression tanks

Optional Features:

- Grooved inlet and outlet connections
- Higher working pressures available
- Air and dirt separators available



Heat Exchangers

Standard Features:

- ASME constructed and stamped. national Board registered
- U-Tube construction
- Available in 2 or 4 pass construction
- Both steam to liquid and liquid to liquid applications



Optional Features:

- Additional materials for heads, tubesheets, baffles, and tie rods
- Optional saddles

Computer selections available through authorized HVAC representatives

Y and Basket Type Strainer

- Y-type flanged strainers, sizes 2" through 24" ANSI Class 125 and 250
- Y-type threaded strainers, sizes 1/2" through 3" cast iron or bronze body available
- Flanged basket strainers, sizes 2" through 24" cast iron body, ANSI Class 125 or 250



A Commitment To Bring You The Best

With more than 30 years experience, Wheatley brand products have established a reputation for providing dependable products to the HVAC industry. The Plugaroo/TDV™ is an industry standard. In addition to our complete line of tanks, strainers and valve products,

we are committed to bringing you the latest in HVAC technology from all over the world. This commitment is your assurance of receiving the best products the industry has to offer.

Other American Wheatley HVAC Products:

- Butterfly Valves
- Non-slam Check Valves
 - Silent and Dual Disc Styles
- ASME Relief Valves
- Pressure Reducing Valves
- Tank Fittings and Tank Drains
- Custom Tanks
- Chilled Water Buffer Tanks
- Dual Control Valves
- Air Scoops
- Flow Test Kits
- Air Release Valves
- Ball Valves
- Automated Quarter Turn Valves
- Specialty Air Separators
- Fabricated Products

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