



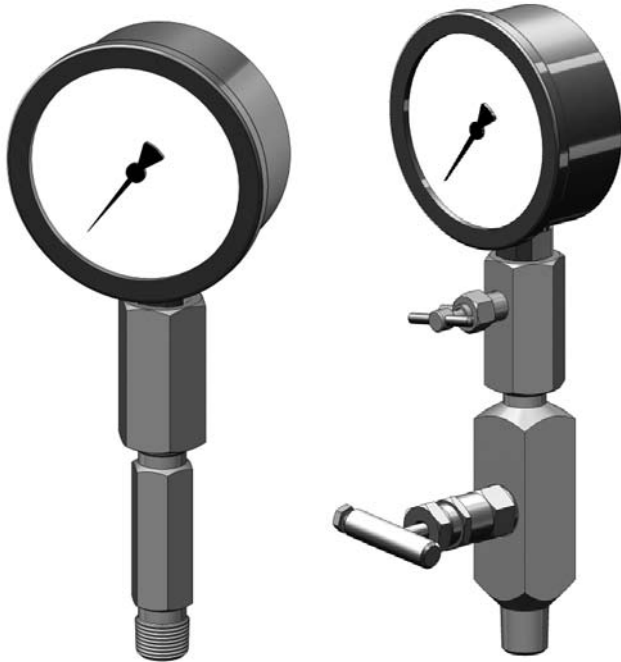
HEX VALVE

3170 Wasson Road • Cincinnati, OH 45209 USA
Phone 513-533-5600 • Fax 513-871-0105
hex@richardsind.com • www.hexvalve.com

I & M Gauge Syphon

Installation & Maintenance Instructions for Gauge Syphons

Warning: Hex Valves must only be used, installed, and repaired in accordance with these Installation & Maintenance Instructions. Observe all applicable public and company codes and regulations. In the event of leakage or other malfunction, call a qualified service person; continued operation may cause system failure or a general hazard. Prior to servicing equipment, disconnect, shut off, drain and/or bypass pressurized fluids.



Installation

The gauge syphon provides a thermal barrier between hot vapors and the pressure gauge. To maintain this liquid barrier, the syphon must be mounted vertically. The sliding plug acts as a damper to protect the gauge from pressure surge when the block valve is opened.

Maintenance

Packing Disassembly

1. Loosen the handle cap screw and remove handle.
2. Remove packing nut and packing follower from the bonnet.
3. Remove the packing from the bonnet.

Packing Reassembly

1. Inspect stem and packing chamber bore. Replace stem if damaged or shows evidence of corrosion in the area of the packing. (*The bonnet must be removed from the body to replace the stem. Lubricate the bonnet threads prior to reinstalling bonnet into the body, and torque it to 55 ft-lbs.*) Note: Bonnet retaining pin should be installed again to prevent inadvertent bonnet removal.
2. Lubricate the stem in the packing area with an Anti-Seize compound such as "THRED-GARD".
3. With the retaining ring in the packing chamber, install the three pieces of Teflon Chevron packing or three pieces of Braided or Graphite packing, one piece at a time.
4. Install the packing follower and packing nut, and tighten with just enough torque to seal the packing.
5. Put the handle back on stem and retighten cap screw.

Packing Adjustment

1. Loosen the packing nut and rotate the stem back and forth a few times before making any adjustments to packing compression.
2. After tightening the packing nut, again rotate the stem back and forth.

