

Performance Bulletin

December 2008

Pentair Water is pleased to announce two enhancements on the Magnum valve series. The two improvements will be incorporated into all orders shipping from Pentair Water starting January 2009.

New Stainless Steel Tank Adapter

The first enhancement is a stainless steel tank adapter with quick-connect clamp that will simplify installation and maintenance. With this design, the tank threads are separated from the valve body allowing the valve to rotate 360-degrees for easier alignment.



Stainless Steel Tank Adapter



Quick-Connect Clamp



Magnum Valve with Stainless Tank Adapter

- The valve body clamps onto the tank adapter for easy on and off
- Allows the valve 360-degrees of rotation
 - Aligns the valve with piping rather than moving any piping or a fully loaded tank
 - Installations and replacements will be smoother with the valve being able to rotate. This will help adjust for angular misalignment of valve and pipes
- Passivated 304 Stainless Steel for a tough corrosion resistant adapter
- Available in 4-inch threads and 6-inch flange configurations



Internal Pilot System Check Valve

A small check valve will be incorporated inside the Magnum pilot system. This removable and replaceable check valve will maintain valve cartridge position in the event of pressure loss.

- Reduces low pressure concerns (Minimum pressure remains 25 psi)
- External check valve no longer required
- Compatible with an external pilot feed adapter and can be used with separate source pilot pressure if desired

Logistics

These exciting changes will be made to Magnum valves shipped from Pentair starting in January 2009.

- Current plastic tank adapter style Magnum valves will not be available after stainless adapters are sent out due to production machines being converted
- Valve assembly part numbers and pricing will not change because of these updates so you will be able to continue ordering the same PN and expect similar lead times
 - Contact customer care for ordering information on a coated flange adapter If a specialty application is not compatible with stainless steel
- Valve dimensions, flow rates, and performance characteristics will not be affected by these changes
- Manuals are being updated and will reflect these changes

Please contact your account manager or Jeremy Josetti at 800-279-9404 for more information.

Sincerely,



Jeremy Josetti
Product Manager – C&I Valves
jeremy.josetti@pentair.com

