

Frequently asked questions...

List of frequently asked questions about Valworx manually operated ball valves and butterfly valves.

Question	Answer
Can I run slightly over the published pressure rating of the valve?	Operating pressure should be non-shock and within the limits listed in the pressure-temperature chart found in the product data sheet.
Can you supply position confirmation switches for manual ball valves?	Yes, see "Valve Limit Switches" accessory category
What type of pipe flanges do I need for Valworx stainless flanged ball valve?	Industry standard ANSI 150 pound pipe flanges
What type of flanges do I need for Valworx butterfly valves?	Industry standard ANSI 150 pound pipe flanges
What is the difference between wafer and lug butterfly valves?	Wafer valves mount between two flanges and are held in place with through bolts. Lug valves have mounting threads in the valve body and use bolts threaded into the valve body from each side of pipe flanges.
What is an NPT thread?	NPT or National Pipe Thread is the standard pipe thread used in the USA. To I.D. pipe thread size. See technical bulletin "How to I.D. NPT Pipe Sizes"
Do you have any ball valves that do not use Viton seals?	No, not at this time. Most Valworx direct mount ball valves use Teflon and Viton seals due to the extremely good leak free operation.
Can I change the flow path on your 3-way T port valve?	Yes, basically just remove the handle, rotate square stem to desired flow path and reassemble handle.
What is the ISO5211 mounting pattern?	ISO5211 is the International standard for actuator to valve mounting . Most Valworx valves utilize the international standard ISO5211 mounting interface. Manual valves are actuator ready, remove the handle and mount the valve directly to a compatible actuator. No additional brackets are required.
How can I tell the flow path of a 3-way valve once it is mounted in the pipe line?	The flow path is marked on top of the square valve stem for easy identification.
Is there a specific flow direction for Valworx ball valves?	Valworx ball valves are bi-directional. You can flow in either direction with our brass, stainless and PVC ball/diaphragm valves.
Is there a specific flow direction for Valworx butterfly valves?	Valworx iron wafer body butterfly valves can flow in either direction. Some lug body valves flow in only one direction. A flow arrow will be located on the valve body indicating flow direction if applicable.
Can you confirm the Valworx valve will work with my fluid media?	Many conditions can affect the valve choice, including, but not limited to; pressure, temperature, chemical mix, material compounding and environment. The user through its own analysis and testing is solely responsible for making the final selection. Our "Media Compatibility Guide" may be helpful in determining material compatibility. Contacting the fluid manufacturer may also be helpful in determining fluid compatibility.
What is the difference between a 3-way L-port and T-port ball valve?	The ball in the valve is drilled in either an "L" or "T" design. The ball type will define the direction of the flow through the valve.
What type of PVC is used with Valworx PVC ball valves?	Refer to PVC valve data sheets under valve construction
What is the maximum allowable fluid velocity?	Metal valves: 5 to 10 feet/second, closer to 5ft/sec is better PVC valves: < 5 feet/second

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What is the maximum allowable temperature of the fluid media?	Refer to product specifications for each individual valve
Can I use Valworx valves with natural gas? Propane?	Valworx valves do not have any agency approvals for use with propane or natural gas.
Will Valworx valves work with vacuum?	Yes, in most cases, check the valve specification for vacuum rating
What is the maximum temperature rating for the brass/stainless ball valves?	Refer to online product specifications and data sheet
Can I use your PVC valve with compressed air as the process media?	No, PVC valves should not be used with compressed air or gases. PVC valves are primarily used with compatible liquids.
Will your valve work at a slightly lower temperature than published?	No, refer to pressure/temperature chart for minimum ratings
What happens if I use your valve at a higher or lower temperature than what you publish in P/T chart?	Working temperature should never exceed ratings listed in specifications and pressure /temperature charts
Can you supply plumbing fittings?	We do not sell plumbing fittings. These are readily available from pipe and fittings suppliers. We do offer replacement PVC end connectors as repair parts (see valve product page).
Can I use your PVC valves with sodium hypochlorite?	No, special valve construction is required.