



SOLENOID VALVE FOR FRESH WATER WASTE SYSTEMS Model 37038-Series

a xylem brand

FEATURES

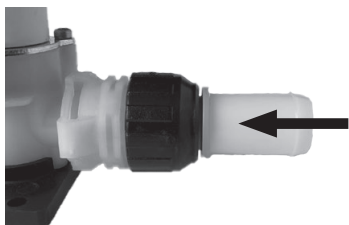
Jabsco solenoid valve and dual check valve assembly for connection to any existing pressurized water system capable of delivering 2.9 gpm (11 lpm) or more. The dual check valve ensures that there is no backflow from the toilet into the water system.

- Integrated double check valve
- 40 size internal filter to protect valve seal
- Quick Connect JG 1/2" (15mm) inlet & outlet
- Additional connections:
 - 1/2" (15mm) hose barb (inlet)
 - 3/4" (19mm) hose barb (outlet)
- Mounting bracket

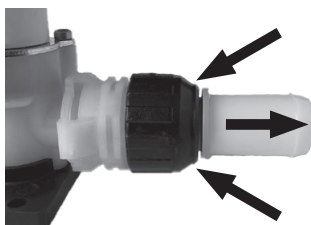


HOSE CONNECTIONS AND FITTINGS

To connect supplied hose adaptors, push hose adaptor into solenoid port fitting until it stops. Pull to check connection is secure.



To disconnect, push the collet square against the fitting. With the collet held in place, the hose adaptor can be removed.



INSTALLATION INSTRUCTIONS

CAUTION



Turn off power to the water pressure system pump, and open cold water taps to depressurize the system.

CAUTION

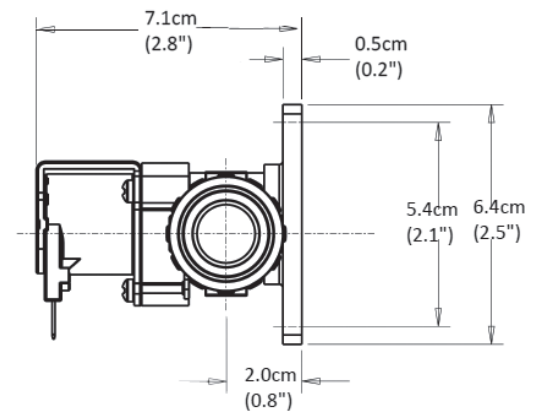
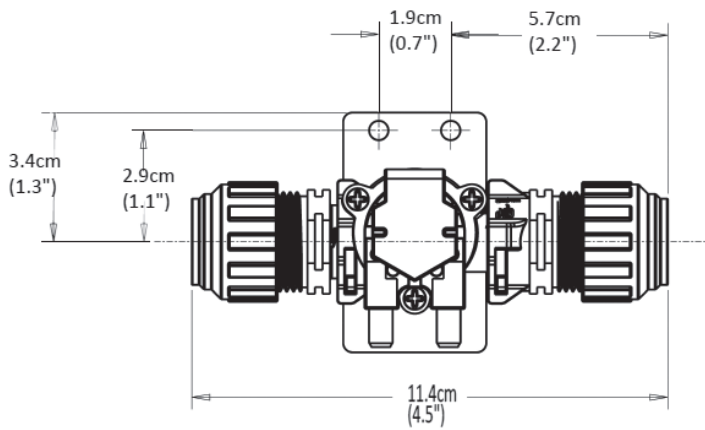


If you ever connect your water system to unregulated USA city water supplies, you **MUST** fit or use a Pressure Regulator to prevent risk of flooding.

INSTALLATION INSTRUCTIONS (CONT.)

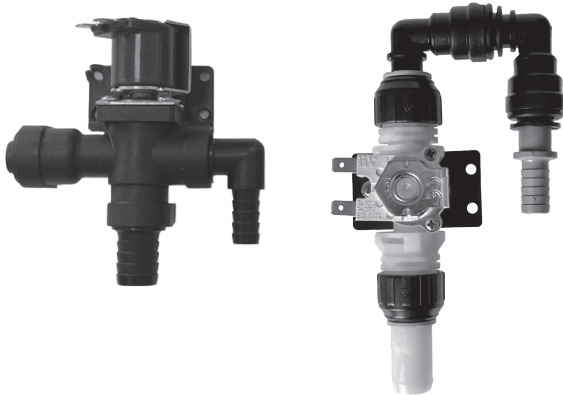
- The Jabsco 37038 series Solenoid Valve is designed to be installed into a boat's pre-existing fresh water delivery system.
- Use a suitable 'T' piece that fits your boat's pressurized water system pipework.
- Install a 'T' fitting in the pressurized cold water pipework near to the toilet to provide a 1/2" (13mm) feed to the Solenoid Valve.
- Note the direction of flow displayed on the Solenoid Valve label, ensure the valve is positioned so that the inlet and outlet pipework will suit the existing installation.
- Mount the Solenoid Valve assembly in a dry position, on a suitable surface using the mounting bracket included.
- To fit the mounting bracket to the Solenoid Valve body, use the screw supplied in within the kit.
- Install suitable pipework between the 'T' fitting and the inlet port on the Solenoid Valve.
- Install suitable pipework between the outlet port on the Solenoid Valve to the rinse intake port of the toilet.
- Either the JG Quick Connect or hose barb fittings can be used to connect pipework.
- Additional 90° port elbows are included for installations should they be required (see mounting options below).
- Secure all hose connections with suitable hose clips (test and check for leaks once the system is pressurized).
- Connect the electrical terminals of the Solenoid Valve to the toilet's electrical circuit as per the toilet installation manual. The Solenoid Valve terminals are not polarity sensitive.
- Pressurize the system by turning on the boat's water pressure pump; check installation for leaks.
- Test the Solenoid Valve by operating the toilet as per the installation and operating manual supplied with the toilet.

DIMENSIONS



ADDITIONAL FITTING OPTIONS

The kit is supplied with x2 additional 90° John Guest elbow fittings, these can be used to help retro fit existing Jabsco solenoid installations to minimize re-routing of existing pipework.



TROUBLESHOOTING

Reduced or no flow when valve is operated:

- Check direction of flow is correct for installation.
- Check water pressure pump is operating correctly.
- Ensure all electrical connections are secure and valve is connected in accordance with the toilet installation manual.
- Check inlet filter mesh for blockage caused by debris (a visual inspection is recommended before attempting to remove filter mesh).

To remove filter mesh:

- Turn off water pressure pump and depressurize system.
- Remove any connected ports to solenoid inlet and outlet.
- Unscrew black John Guest collar on inlet side.
- Remove white plastic washer and o-ring.
- Carefully remove orange o-ring and filter mesh (do not use sharp tools that may cause damage to o-ring and filter mesh).
- Clean any debris from filter.
- Reinstall in reverse order – mesh, orange o-ring, black o-ring, white washer, collar.

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