

XL Flush Manifold

Installation Instruction and Specifications

SPECIFICATIONS



If water pressure is greater than 20 psi, you must use a pressure regulator, such as code #050892. Set pressure regulator to 20 psi. Water pressures in excess of 20 psi may damage the flow switch, and hazardous manifold pressurization could occur.

Only pump box PCB's with version rev. 1.31 on the programmer at power-up should be used with the XL flush manifold. Previous versions of firmware can sometimes allow undiluted chemical to pump into the manifold if the flow switch fails.

Material

Polypropylene manifold, polypropylene check valve

Water Inlet

0.68 -1.36 bar (10-20 PSI), or up to 1.9 liters (0.5 gallons) per minute, flow interlock at 0.38 liters (0.1 gallons per minute)

Power

24 VDC, supplied by pump box

TO INSTALL FLUSH MANIFOLD:

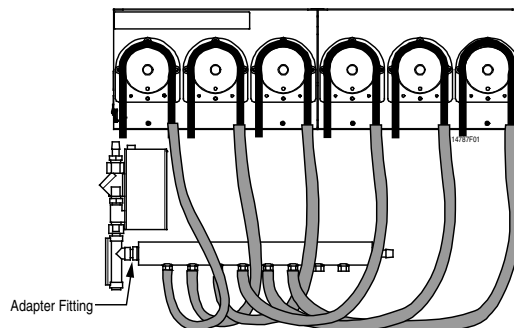
The flush manifold check valves point downward, the proper position for mounting it to the wall.

1. Turn off power to pump box before beginning flush manifold installation.

2. Attach plastic manifold clips to metal mounting brackets.
3. Attach plastic mounting brackets to the wall.
4. Open right panel of dispenser enclosure (panel can be hung on bottom lip of dispenser enclosure).
5. Remove hole plug and install finger bushing, either through the largest hole on the bottom of the dispenser (recommended) or through the hole on the left side of the dispenser enclosure. Route manifold wire harness through this hole. Plug wire harness into "Manifold" connector on main PCB.
6. Cut tubing into sections approximately 16" (40.6 cm) in length.
7. Attach tubes to pump and check valves, fastening them with hose clamps.



Twisting the flow switch can break the flow switch-manifold check valve adapter. If at any time you need to change the angle of the manifold, put a wrench on the adapter fitting between the manifold and the flow switch and turn the manifold (not the flow switch). Proper operation of manifold has check valves pointing downward per figure below. Make sure the wrench stays on the adapter and doesn't slip onto the flow switch, as applying force to the flow switch-adapter check valve will break it. Note that with the wrench on the adapter, the manifold will require substantial force to turn due to the pipe sealant, but the manifold/adapter connection side is not fragile.



Flush Manifold, Mounted on Wall



Do not tighten fittings.