



MANUAL BACKWASHING VALVE INSTRUCTIONS

SWT's Manual Backwashing Valve

The Manual Backwashing Valve can be installed on most common mineral tanks with a 2½ #8 tank opening. Let your water treatment professional size up the proper unit and backwash flow control. All plumbing should be done in accordance with local plumbing codes.

IMPORTANT!

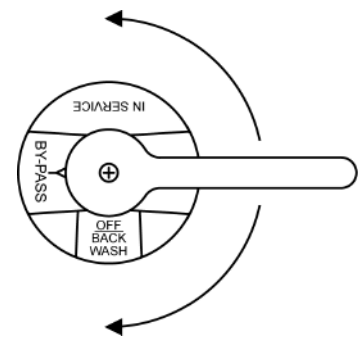
1. Install a 1/2 inch plug if not using the backwash function.
2. If using the backwash function, install the proper flow control, or upper basket, and an in-line shut-off valve on the backwash port.
3. Teflon tape should be used on all fittings for a water seal. Only use plastic fittings on the valve ports.

IMPORTANT WARNINGS!

1. Do not use the valve handle to tighten the valve onto any tank.
2. Do not sweat any copper fittings to, or near, the valve. It may cause damage.
3. Do not lift any equipment by the valve handle, or push down on the handle.
4. The valve handle only turns 180 degrees. (See illustration above right.)
5. Do not use any type of PVC cement or any other glue (other than high strength hot glue applied by a hot glue gun) to secure an upper basket to the valve.
6. Do not overtighten pipe fittings with excessive force. It may cause damage.
7. Distributors: Be sure to include a copy of these instructions with every unit.
8. A pre-filter needs to be installed if any sand or grit type material is present.
9. ***If all of the above is not followed, THE WARRANTY IS VOID!***

OPERATION:

1. To have filtered or conditioned water, turn valve handle to IN-SERVICE position.
2. To have non-filtered water, turn valve handle to BYPASS position (see illustration above right). For example, when watering the lawn, you may not want to waste filtered water. This will extend the life of the filter media.
3. To shut off the water supply to the home, turn valve handle to OFF position.
4. To backwash the filter or conditioner, turn valve handle to BACKWASH position, open backwash drain line shut-off valve, let unit backwash for the proper amount of time, then close the backwash drain line shut-off valve, and turn valve handle back to IN SERVICE position.



Top view of valve head.
(Shown in BYPASS position.)

Manufacturer's Product Warranty

The manufacturer warrants its equipment to be free of defects in material or workmanship on the main base for the period of five (5) years. On the valve, handle, and o-rings the warranty period of one (1) year from the date of delivery from our factory or authorized distributor. The manufacturer's liability is limited to repair or replacement of part which is returned, prepaid to the factory from the original purchaser and which is proven defective upon examination. This warranty does not include installation or repair, or any other service costs, and in no event shall the manufacturer's liability exceed its selling price. The manufacturer disclaims all liability for damage to its product through misuse, or abuse, improper installation, use or attempts to operate such products beyond their functional capacity, intentionally or otherwise, or any unauthorized repair. The manufacturer is not responsible for consequential or other damages, injuries, or expense incurred through the use of its products.