



Installation Manual

Food Service Filtration Systems



8201 Old Central Ave.
Spring Lake Park, MN 55432
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www.waterdrs.com

1. Installation Precautions

The select Water Doctors Treatment systems are carefully designed to reduce sediment, dirt, cysts, and improve taste. These systems will also prevent scaling and corrosion in your equipment.

Follow these instructions and we are certain that you will be satisfied with the unit and benefit from its low-cost operations.

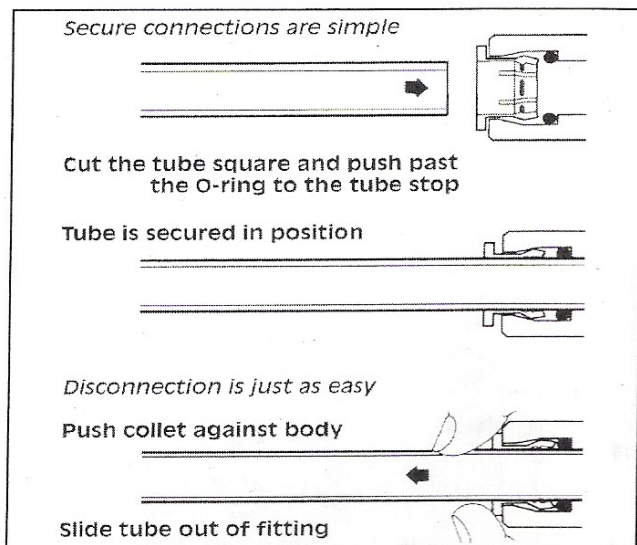
What to know prior to Installation

- Do not install where line pressure is outside of 40 – 125 psi, or where temperature is lower than 40 degrees or exceeds 100 degrees.
- Installation must comply with any existing state or local plumbing codes.
- The units must be protected against freezing. Failure to do so may result in cracking of the filter and water leakage.
- The system is designed for cold water line use only. Passing hot water through the system may seriously damage filter housing.
- Filter must be in contact with water at all times.
- Recommended pH range is 6 to 8.5.
- Recommended inlet pressure is 60 psi.
- Tools needed: drill, screwdriver, & tube cutters.

2. Installation

Positioning of water filter

- The water filter should be mounted upright on a horizontal surface without obstructions.
- Locate a position that is close to the equipment it will be supplying water to, where it is out of the way of possible damage from day-to-day operations, and where it is accessible for cartridge change out when needed. There should be a 6" minimum bottom clearance.
- Prior to turning water onto the machine, be sure to flush to filters in order to release carbon fines. If this is not done, the unit **WILL NOT FUNCTION PROPERLY**.



Mounting

1. Measure backplane of filter system and mark hole locations on wall.
 - a. Ensure marks are level, then drill holes for anchors (if needed). Anchors must be properly matched, to allow for wet weight of filter system.
 - b. Secure water filter to wall.

Water Connections

2. Use appropriate 3/8" or 1/2" fittings and tubing to allow for a flow rate of 4 to 6 Gallons Per Minute (GPM).
 - b. Connect water filter inlet to cold water supply. Use approved flexible beverage tubing where possible with correct sized tube clamps. If hard plumbing is necessary then use only lead-free solder. **DO NOT SOLDER ON PLASTIC FILTER HOUSINGS.** They will melt.
3. From outlet of water filter use no less than 3/8" ID tubing to all specified equipment. Add a piece of tubing and add a 3/8" "T" and another short piece of tubing and shut off valve that can be used as a drain to drain filters before turning on filters to the equipment.



***REMINDER: Prior to turning water on onto the machine, be sure to flush the filters in order to release carbon fines. If this is not done, the unit WILL NOT FUNCTION PROPERLY.**

Installing Water Filter

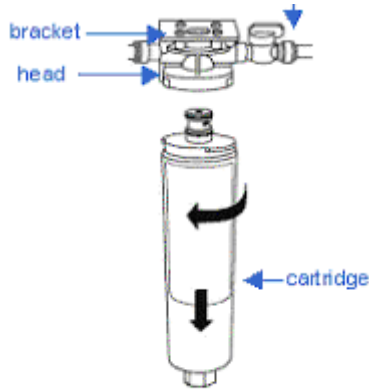
4. Check to see if the O-Ring is lightly lubricated. Using food grade silicone put a small amount on the filter O-ring. Line up slots and push filter into housing, turn 1/4 turn clockwise to tighten.
5. Turn inlet ball valve to the on position slowing allowing water to fill filter system. Keep inlet to equipment closed to keep carbon from entering the system.
6. Open drain valve to allow water to drain into a bucket until the water runs clear. It will run black until the carbon gets wet. Once the water runs clear, turn off the drain valve and open the valve into the equipment being filtered.
7. System is now operational. Go back and check every connection for possible leaks and fix where needed.
8. Remove filters by turning 1/4 turn counterclockwise.

3. Maintenance

Cartridge Change out Schedule

CHANGE OUT FILTERS EVERY 6 MONTHS or 15,000 Gallons

*****Bi-annual filter changes are important to ensure your system performs flawlessly and to protect against harmful bacterial growth*****



The Sanitary Quick Change filter design means no tools and no mess! The factory sealed cartridges can be easily changed in seconds with just a quarter turn!

Filters can be purchased directly through Water Doctors via www.waterdrs.com or by calling 952-WATER-DRS (952-928-3737).

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Angie's list