

Installation Instructions for The Ultra-Pure Shower Filter

Items that will probably be necessary for installation: Vice-grips (locking pliers), teflon tape, rag.

- Step 1: Remove the shower head from the shower arm by turning the base of it counter-clockwise. Some type of large pliers or vice-grips will probably be necessary. Use a rag around the shower head to prevent marring of the finish.
- Step 2: Remove the shower arm from the wall by turning it counter-clockwise. It may be necessary to use vice-grips (locking pliers) and strong force. If so, first wrap a rag around the shower arm to protect the finish. Don't worry too much about using strong force. Out of hundreds of installations we haven't had anything damaged to date.
- Step 3: Wrap clockwise, 4 layers of teflon tape around the threads of one end of the short straight pipe that is provided. Screw the taped end of the short pipe into the hole in the shower wall. Now tighten it up with large pliers or vice-grips and a rag. There are shorter and longer pipes available from your dealer if needed. (Note: there must be at least 1" of pipe exposed, past the surface of the wall, and no more than 2 1/2".) Slip your old existing trim collar onto the straight pipe, sliding it against the shower wall.
- Step 4: After reinstalling the trim collar, wrap clockwise the exposed threads of the straight pipe with 4 layers of teflon tape. Screw the IN side of the filter housing head onto the exposed pipe. (Be careful not to cross thread. The plastic threads are fragile.) Screw on until snug. Over tightening the plastic housing top will cause it to crack and this will ruin it.
- Step 5: Wrap clockwise the threads of one end of the new (provided) shower arm with 4 layers of teflon tape. Screw the taped end of the shower arm into the OUT side of the filter housing head. Screw in by hand until snug.
- Step 6: Tape the only remaining exposed threads of the shower arm with 4 layers of teflon tape. Screw your old or new shower head onto the shower arm. We highly recommend the use of a high quality water saving shower head. (3 gallons per minute or less.) We sell the best one which works great. By slowing down the flow of water through the filter, you greatly extend the life of the filter cartridge by decreasing the number of gallons being filtered. You also increase the contact time of the chemicals as they are filtered through the carbon. This greatly increases the percentage of chemicals removed.
- Step 7: Check to make sure the filter housing rubber O-ring is in its circumferential slot around the inside of the housing. Unwrap the filter cartridge, make sure there is a rubber gasket on each end, and drop it into the filter housing bottom. Screw the housing bottom onto the housing head. Snugly tighten with the provided spanner wrench, while holding the housing head with your other hand to prevent too much strain on the pipe going into the wall.
- Step 8: Turn on the cold water to the shower filter and check to see if any water is leaking out any of the joints. If so, it may be necessary to retighten the appropriate joint to stop the leak. In problem cases, it may be necessary to redo your work with more Teflon tape.

NOTE: To keep your shower filtration system operating efficiently, replace the cartridge when the water flow slows down too much or when you detect the presence of any chlorine in your water. To replace the filter cartridge, simply unscrew the housing by turning it counter-clockwise, using the provided spanner wrench. Hold on to the top of the housing to prevent excessive pressure on the pipe going into the wall.

IMPORTANT INFORMATION ABOUT THE ULTRA-PURE SHOWER FILTER

Water temperature should not exceed the maximum operating temperature of 125°F (50°C). Extremely hot water may damage the filter cartridge. The recommended maximum operating pressure should not exceed 120 psi.

The amount of chlorine and other organic chemicals reduced by The Ultra-Pure Shower Filter will vary according to water flow rate, temperature, pH, and the amount of chemicals present. For optimal performance, we recommend the use of a high quality low-flow shower head. This will increase performance and extend the life of the filter cartridge.

Precaution: In certain areas that have excessive dirt in the water supply the 1 micron cartridge will clog up prematurely. In such a case, replace the cartridge with our 5 micron cartridge. This will enable more dirt to pass through the cartridge without clogging it up. These 5 micron filters still do an excellent job of absorbing chemicals, although not as good as the 1 micron cartridge.

Granulated carbon cartridges must be used in areas with excessive dirt or other particulate matter in the water. This is because even the 5 micron filter may get clogged up in areas with very high sediment.

Shower arm

