

# Premiere PSE-I4000FS Installation Instructions

## Pre-installation

**Location.** Determine where you want to install the PSE-I4000FS. This system should be mounted in a location that has easy access for maintenance including cartridge changes. The head and cartridge must be mounted in the vertical position (cartridge hanging down). Leave at least 2" below the cartridge so you can easily twist out/in the cartridge during changes. There are arrows on the filter head indicating the flow direction on the filter. This system has three ports that require connection: inlet, outlet, flush.

**Mounting screws (*required; not included*).** You will need 2 screws to mount the PSE-I4000FS. The type of screws you use will depend on the material you are drilling in to (i.e., concrete, wood, etc). The screws should be about 1.5" long and suited for the material you are mounting the system to.

**Fittings (*may be required; not included*).** The PSE-I4000FS has 3/8" female pipe thread (FPT) connections on the inlet and outlet. This requires 3/8" male pipe thread connections on your plumbing to install this system. Therefore, you may need supply your own fittings in order to attach the PSE-I4000FS to your plumbing. To ensure a tight fit and help avoid leaks, it is recommended to use thread seal tape (not provided) to wrap your male plumbing connections.

**3/8" plastic tubing for flush port (*may be required; not included*).** The flush port has a 3/8" quick-connect fitting. You can use 3/8" plastic tubing to direct the water produced during flushing to a floor drain or bucket, or plumb to grey water connection.

## Instruction Overview

1. Attach the gauge.
2. Mount filter system.
3. Turn off the cold-water supply.
4. Attach PSE-I4000FS to inlet water supply.
5. Attach PSE-I4000FS to outlet water supply.
6. Connect the flush port.
7. Turn on water supply and check for leaks.
8. Flush the cartridge for approximately 5 minutes or until water flows clear.



## Installation instructions

Screw the gauge into the gauge port on the top of the head.

Mount the PSE-I4000FS filter system. Determine the desired location for this system based on the guidance in the pre-installation section above. Securely mount the filter head on wall using proper mounting screws.

If you have not done so already, turn off the cold-water supply and keep it turned off during installation.

Clean all pipe threads and use thread seal tape to wrap the tape around your 3/8" male plumbing connections. Wrap in the direction of the threads. A few passes are recommended. This will ensure a tight fit and help avoid leaks.

There are arrows on the filter head indicating the flow direction. Attach the PSE-I4000FS to the inlet water supply. Then attach the PSE-I4000FS to the outlet supply.

The flush valve is open when the valve handle is vertical (in line with coupling), and it's closed when the valve handle is horizontal (not in line with the coupling). Make sure the flush valve is closed for now.

The flush port has a 3/8" quick-connect fitting. If you are using 3/8" tubing on the flush port, make sure to cut the tubing very straight (vertical, not angled) using a sharp knife. Insert the tubing end into the quick-connect fitting until it comes to a complete stop, gently pull to confirm a tight fit. If you are not connecting tubing, ensure there is somewhere for any water to go from flushing this unit such as a floor drain or bucket.

Slowly turn back on the main water supply. Check all the connections on the filter system and the connections to your plumbing to ensure that there are no leaks.

Slowly turn handle on the flush valve to open it. Flush the cartridge for approximately 5 minutes or until water flows clear. Once the flush is complete, turn the handle on the flush valve to fully close it.



## **System Maintenance**

Replace the Premiere PSE-I4000 filter cartridge every 6 months to one year (depending on usage). Filter life may vary according to flow rate, inlet line pressure and local water conditions which may require more frequent cartridge replacement.

In general, you will know it is time to replace the filter cartridge when there is a consistent, noticeable drop in water pressure as indicated by the pressure gauge.

### **To replace the PSE-I4000 water filter cartridge:**

1. Turn off inlet water supply.
2. Relieve pressure in the line.
3. Remove used filter by rotating it ¼ turn to the left (counterclockwise) and then gently pull down.
4. Insert new cartridge into the head and turn ¼ turn to the right (clockwise) until the filter stops.
5. Turn on water supply and check for leaks.
6. Flush until water flows clear.

