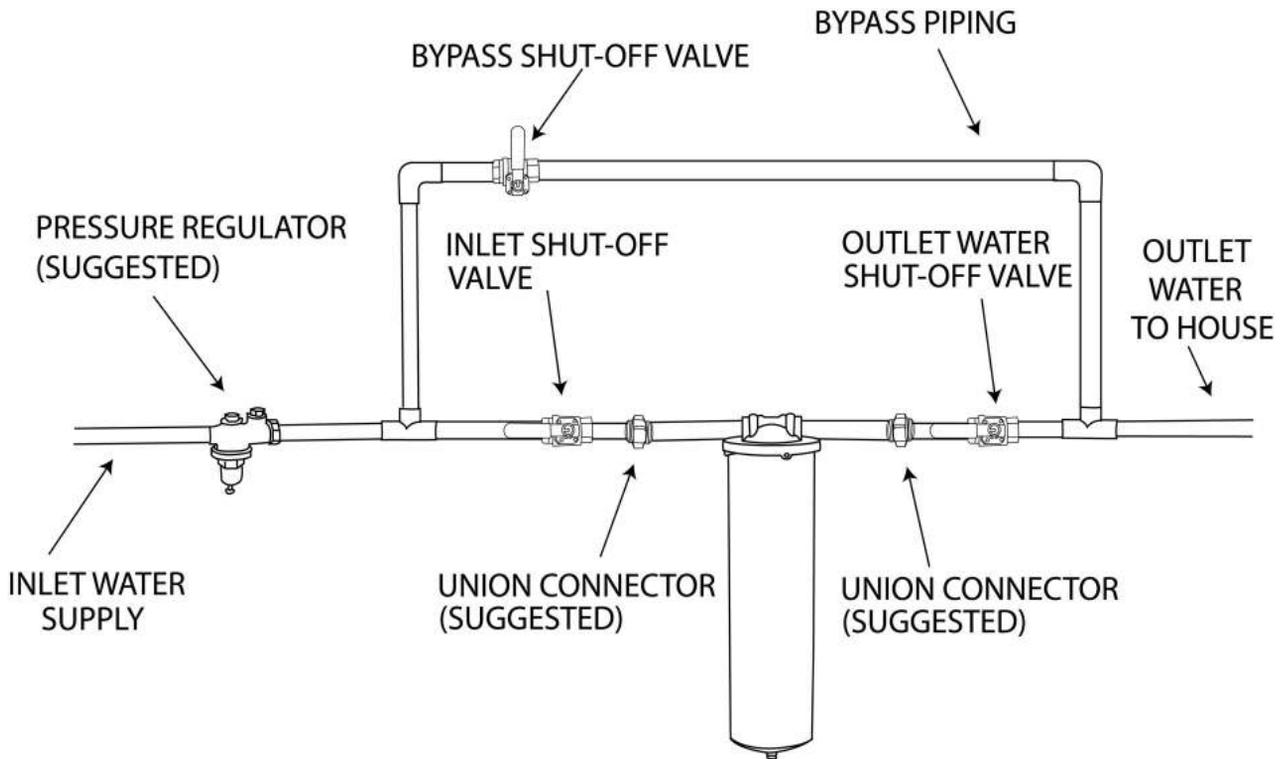


# Premiere PS-SS20 Series Installation Instructions

## PS-SS20 Series Operating Conditions

Operating temperature	Housing operating range is 40° F - 210° F (protect from freezing). Cartridge operating temperature range varies by cartridge type. <i>Premiere cartridges included in our PS-SS20 series systems have an operating temperature range of 40° F - 100° F unless stated otherwise.</i>
Operating pressure	Maximum housing pressure is 150 psi. Cartridge operating pressure range varies by cartridge type. <i>Premiere cartridges included in our PS-SS20 series systems have an operating pressure range of 30 psi to 85 psi unless stated otherwise. <b>A pressure regulator is required for pressures over 75 psi.</b></i>
Pipe connections	1" FPT
Maintenance schedule	<b>Replace filter cartridge at least once per year.</b> (Read more on page 4). Filter life may vary according to flow rate, inlet line pressure and local water conditions which may require more frequent cartridge replacement.

## Installation Diagram



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# Premiere PS-SS20 Series Installation Instructions

## Pre-Installation

**Location.** Here are some guidelines to determine where to install the water filter system:

- This system installs into the main water line (where the water supply enters your home), and before other water treatment such as a water softener or water heater.
- This system has two ports that require connection: inlet and outlet.
- Install in a place where you can easily access the system for maintenance.
- Make sure the location is a place where the system will not experience any rough contact such as heavy objects bumping or falling into it.
- Avoid direct sunlight and protect your system from extreme temperatures and weather (e.g., freezing). Preferably this system should be installed inside, or if it's outside please make sure that it is covered and protected.
- Leave at least 3" below the housing so that you can easily unscrew the filter housing and replace the cartridges when it's time.

**Water shut-off valve on incoming water supply (inlet) side.** *(Suggested, not required; parts not included).* For ease of installation and to allow for periodic system maintenance, a water shut-off valve on the inlet side is recommended as close to the system as possible. You will need to supply this part yourself. Please consult a plumbing professional for guidance if you wish to install a water shut-off valve on incoming water supply that is closer to the system.

**Water bypass.** *(Suggested, not required; parts not included).* To allow for periodic system maintenance, you may want to install a water bypass (also known as a water loop). A water bypass enables you to stop water flowing to/from the system, but you will continue to have water (unfiltered) to the rest of your home or application. Installing a water bypass will require additional parts and time. Please consult a plumbing professional for guidance on installing a water bypass.

**Pressure regulator.** *(Required for pressure over 75 psi only; pressure regulator not included).* A pressure regulator is required for pressures over 75 psi. They are available at most home improvement stores. A pressure regulator is installed before water comes into the system.

**Union connector.** *(Suggested, not required; parts not included).* A union connects two pipes and allows for easy connection and disconnection (such as for maintenance), multiple times.

**1/4" Ball-valve.** *(Suggested, not required; parts not included).* It may be a good idea to install a 1/4" ball valve in the bottom drain of the housing. This would enable you more control with opening and closing the drain when changing filters. It will save time and effort in the future. They are available at most home improvement stores.



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# Premiere PS-SS20 Series Installation Instructions

## Installing the PS-SS20 System

Shut off the main water supply. Or, if you have a water by-pass installed, shut off the water to the line that the system is going to be installed on.

Relieve pressure in the line by turning on a cold water tap/faucet downstream of where the system is to be installed.

Loosen the ring nut that holds the head and bowl with the wrench pin. The pin goes into the pre-drilled holes in the ring clamp. Turn counterclockwise to loosen. Place the bowl gently to the side for now, you'll reattach it to the head again later.

Position the bracket onto the filter head, align the system to match the desired flow direction. The head is marked with arrows indicating water flow direction.

Line up the holes on the bracket with the pre-threaded holes on the head. Four threaded screws are provided to attach the bracket to the head. You will need to provide your own screws or lag / anchor bolts to attach the system to the wall.

Mount the bracketed filter head to the wall using a drill. It is recommended that this system is mounted on a secured board or wall stud as it will be heavy when full of water. If you use lag bolts, first drill a small pilot hole (smaller than lag bolt).

Connect your inlet plumbing to the "IN" port on the filter system. Connect your outlet plumbing to the "OUT" port.

Reconnect the bowl to the head by screwing the ring nut into the threaded head.

Check that the housing is fully tightened either by hand or with the wrench pin provided. Be careful to not overtighten because it could make it really difficult to unscrew next time.

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.

Open a cold water tap/faucet downstream of where the system is installed. Make sure that any air sputtering stops and that water is running clear, then close the tap/faucet. This may take up to 10 minutes.

Check all the connections again to make sure there are no leaks.



# Premiere PS-SS20 Series Installation Instructions

## PS-SS20 System Maintenance

Replace the Premiere filter cartridge at least once per year. 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 any of these conditions apply:

- There is a consistent, noticeable drop in water pressure (cartridge is filled with contaminants)
- Off-taste or odor returns to water (capacity reached – more relevant with carbon cartridges)
- Always change after 1 year of use, unless experience suggests more frequent change-out

### To replace the water filter cartridge:

1. Turn off water to the system.
2. Open a cold water tap/faucet downstream of where the system is installed to relieve line pressure.
3. If you installed a ball valve in the bottom drain of your system, you can open this valve and drain the water in the unit into a bucket, floor drain, etc.  
If you did not install a ball valve in the bottom drain of your system, carefully unscrew the bottom drain. Make sure you have a bucket or floor drain nearby to capture the water as it may rush out very quickly.
4. Unscrew the ring nut on the filter head with the wrench pin.
5. Carefully detach the bowl from the housing and remove old filter cartridge.
6. Install a new cartridge into the bowl.
7. Lubricate o-ring and attach the bowl screwing the ring nut into the threaded head. Hand tighten the filter housing using the wrench pin but don't overtighten the housing as it could make it really difficult to unscrew next time.
8. Screw back on the drain cap in the bottom drain of your system (or close the ball valve, if applicable).
9. Make sure all connections are secure and that the housing is fully tightened, then back on turn on the water. Check for any leaks.

Premiere System	Replacement Cartridge
PS-SS20BIV	BG-20BIVRC
PS-SS20C	PS-4520CB
PS-SS20CS	BG-20CS
PS-SS20F5SED	BG-20SED
PS-SS20PB	BG-20PB-RC
PS-SS20SF	BG-20SC



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