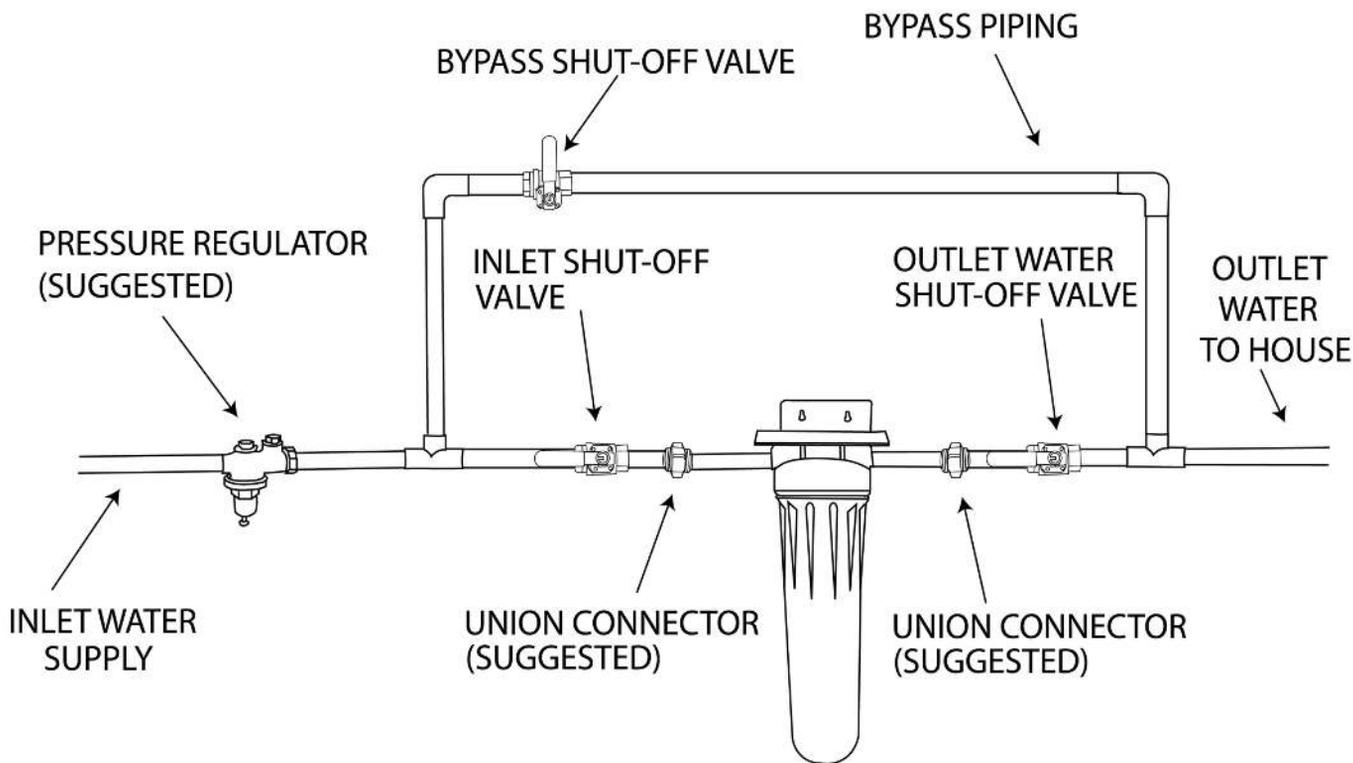


BG-20 Series System Operating Conditions

Operating temperature	Min 40°F (4.4°C) / Max 100°F (37.8°C)
Operating pressure	Min 30 psi (2.11 kg/cm ²) / Max 85 psi (6.0 kg/cm ²) A pressure regulator is required for pressures over 75 psi
Pipe connections	1" FPT
Maintenance schedule	Replace filter cartridge once per year. (Read more on page 4).

Installation Diagram



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Premiere BG-20 Series Installation Instructions

Pre-Installation

Location. Here are some suggestions 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 place where the system will not experience any rough contact such as from heavy objects bumping or falling into it.
- Avoid direct sunlight and protect your system from extreme temperatures such as 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.



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Premiere BG-20 Series Installation Instructions

Installing the BG-20 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.

Position the bracket onto the filter head, align the system to match the applications desired flow direction. The head is marked "IN" and "OUT."

Line up the holes on the bracket with the pre-drilled holes on the head. Eight total lag bolts and screws are included to go into the 8 holes in the bracket (4 lag bolts go into the wall and the 4 screws go into the head).

For the lag bolts, first drill a small pilot hole (smaller than lag bolt). Mount the bracketed filter system 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.

Connect your inlet plumbing to the "IN" port on the filter system. Connect your outlet plumbing to the "OUT" port. Check that the housing is fully tightened either by hand or using a filter wrench. 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.



BG-20 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 there is a consistent, noticeable drop in water pressure.

To replace the water filter cartridge:

1. Turn off water to the system.
2. Press and hold down the red pressure release button on the top of the filter head. *ALERT: A little water may squirt out which is normal.* Keep finger on the button until the pressure is released.
3. Open a cold water tap/faucet downstream of where the system is installed to relieve line pressure.
4. Unscrew the filter housing either by hand or with a filter wrench.
5. Remove the old filter cartridge.
6. Wipe housing clean and put the new cartridge into the housing.
7. Lubricate o-ring.
8. Tighten the filter housing buy hand. You may use a filter wrench but don't overtighten the housing as it could make it really difficult to unscrew next time.
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
BG-20BIV	BG-20BIVRC
BG-20BTS	BG-20SC
BG-20C	BG-20CS
BG-20CB	PS-4520CB
BG-20DI	BG-20DIRC
BG-20F5SED	BG-20SED
BG-20PB	BG-20PB-RC
BG-20SF	BG-20SC



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