



FRONTIER XBB20-FT300 ANTI-SCALE SYSTEM INSTALLATION MANUAL

1.0 BEFORE INSTALL

Congratulation you have bought one of the world most environmentally friend scale prevention system. This system does not waste any water, no electricity, and no salt and no electrical valve is required. It basically convert the calcite into harmless crystals which stop scale from forming. Please read through all the instructions carefully before proceeding with the installation. Be sure to follow any special plumbing codes in your area. You can also contact your local dealer if you are having problems installing it. Diagram 1 illustrates the plumbing connections that are needed to install the system.

Please make sure that the XBB20-FT-300 system is not directly exposed to the sun. The ultra violet from the sun can cause damage to the plastic housings.

CAUTION: DO NOT USE WITH WATER THAT IS MICROBIOLOGICALLY UNSAFE OR WITH WATER OF UNKNOWN QUALITY WITHOUT ADEQUATE DISINFECTION BEFORE OR AFTER THE SYSTEM. SYSTEM CERTIFIED FOR CYST REDUCTION MAY BE USED ON DISINFECTED WATER THAT MAY CONTAIN FILTERABLE CYSTS. PLEASE HAVE THE SYSTEM SERVICE REGULARY EVERY 6 MONTHS.

2.0 SYSTEM COMPONENTS

1. Outlet fittings: 3/4" male x 1" male brass adapter.
2. 3 stage big blue housing system with stainless steel bracket.

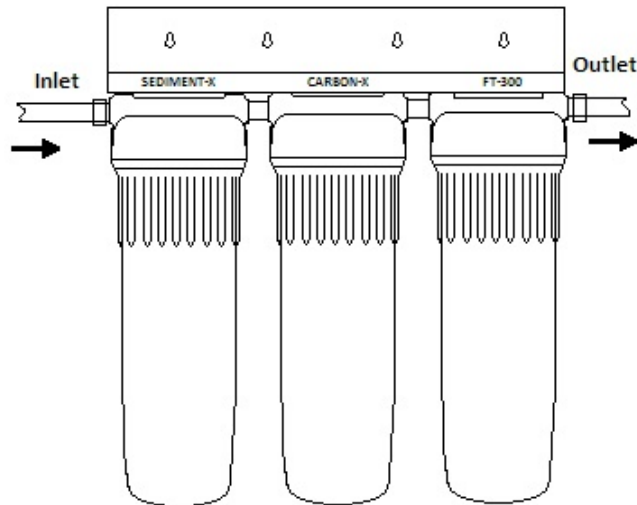


Diagram 1

3.0 MOUNTING THE FRONTIER XBB20-FT-300

There are two types Frontier XBB20- FT-300 anti-scale system. One is wall mount and the other one is with stainless steel stand. However, they are using the same type of cartridges. The system comes with 2 x 3/4" male to 1" male brass fittings. XBB20-FT300SS does not need any mounting. Go to section 4 if you have this system.

3.0.1 XBB20-FT300 Mounting instruction.

The system is packed with the loose screws mounting the bracket upside down. Please unscrew the screws and turn the bracket to the right way. The bracket is fully marked with each type of cartridge inside the housings. So please make sure the housings are placed in the right order to prevent wrong installation.

After unscrew the bracket, look for the inlet of the housing. There is an arrow marked on top of the cap which indicates the flow direction of the water.

Make sure the system is installed in the right order.

1. SEDIMENT-X is the first stage (Arrow "IN")
2. Carbon-X is the second stage
3. FT-300 is the third stage. (Arrow "OUT")

Screw the bracket with the order above. The arrow "IN" is the first stage and arrow "OUT" is the third stage. The system is ready for wall mount once the bracket is in place.

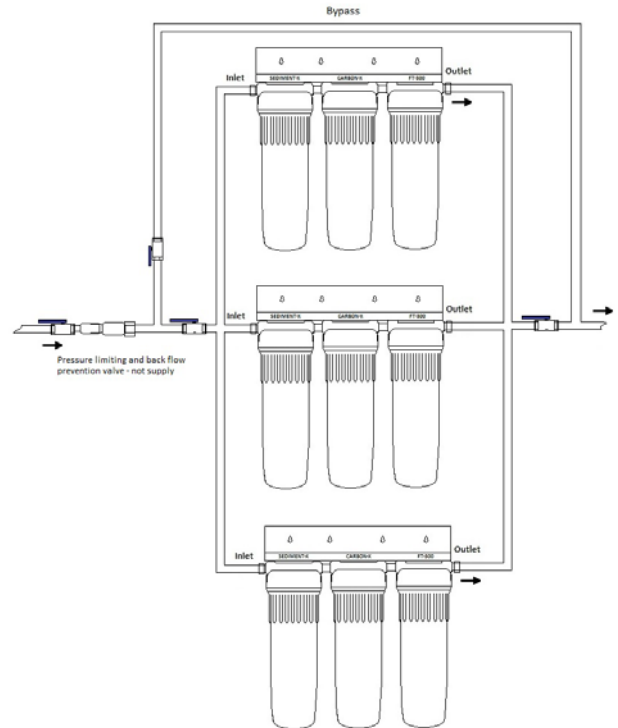
Make sure the system is mounted near a water supply tap.

1. Tape the 3/4" x 1" brass fittings and screw them into the "Inlet" and "Outlet" of the housings.
2. Mark screw locations at the desired positions. Use the two holes at the back of the XBB20-FT300 mounting bracket for marker guides.
3. Drill the holes into marked positions.
4. Screw the screws and leave screw heads out a little.
5. Hang XBB20- FT300 system onto screws.

4.0 CONNECTING UP FRONTIER XBB20- FT300

Check the labeling detail on FRONTIER FT-300 system before connecting up the system. Installing a pressure limiting valve is strongly recommended.

1. The first stage of the FRONTIER FT-300 system is marked with arrow in (SEDIMENT-X) from the left hand side of the system.
2. Connect the inlet and arrow out (FT-300) to the require application.



MULTIPLE Frontier XBB20-FT300 WITH BYPASS INSTALLATION

6.0 START UP PROCEDURE

1. With everything connected, turn on water supply valve **SLOWLY**.
2. Check for leaks. (If anything is leaking shut off water, repair, then start with step 1 again.)
3. Within a few seconds the water will start to run.
4. Turn off the water supply and wait for 15 minutes. This allows the system to activate the Frontier anti-scale media.
5. Once pass 15 minutes, the system is now ready to be used.
6. Check for leaks daily in the first week and periodically thereafter.

7.0 SERVICE LOG

Remember to replace the cartridge regularly. This will ensure that you get the clean filtered water for the years to come.

Service Agent	Installed/Service Date	Service By	Comment