



XBB20-UV8G Ultraviolet Water Purification System Installation Manual

1.0 BEFORE INSTALL

The XBB20-UV8G Ultraviolet Water Purification System gives you clean water — without using any chemicals. It uses UV-C light to kill harmful bugs like bacteria and viruses.

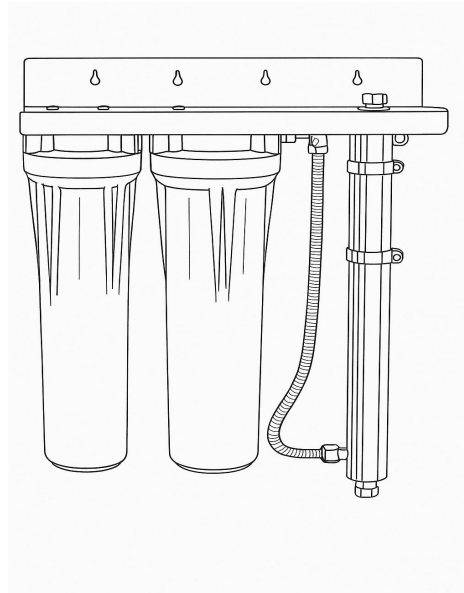
Please carefully read all instructions prior to installation. Ensure compliance with local plumbing regulations. If assistance is needed, contact your local dealer or Xsential support. Be sure to follow any special plumbing codes in your area. You can also contact your local dealer if you are having problems installing it.

Important Notice:

- Install the system away from direct sunlight to prevent UV degradation of components.
- This system is for use with microbiologically safe water. Water of unknown quality must be adequately disinfected before or after using this system.
- Service the system every 6-12 months for optimal performance.

2.0 SYSTEM COMPONENTS

- Stainless steel UV chamber with UV-C lamp
- Two-stage filtration system (Big Blue housings)
- Stainless steel mounting bracket
- Connection fittings (3/4 inch to 1 inch brass adapters)
- Flexible stainless steel connector



3.0 MOUNTING

1. Identify the installation location near a suitable water supply.
2. Using the provided stainless steel bracket, mark screw positions.
3. Drill holes and fix screws securely, leaving slight clearance for hanging.
4. Mount the bracket onto screws.

To protect your system make sure the site is frost free and has adequate ventilation. Choose a location with adequate drainage and where water spillage will not cause damage that may occur over time from leaking pipe joints or seals.

Filter Arrangement (Left to Right):

Please make sure the housings are placed in the right order to prevent wrong installation.

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.

- Stage 1: Sediment filter (marked IN)
- Stage 2: Carbon filter
- Stage 3: UV chamber (marked OUT)

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.

Electricity supply required for the UV. Power supply: AC 240V | 50Hz.

Plumbing Connection:

1. Tape and install 3/4 inch to 1 inch brass fittings into system's inlet and outlet.
2. Connect inlet to water supply and outlet to application or storage tank.
3. Install a pressure-limiting valve (recommended).

4.0 UV SYSTEM START-UP PROCEDURE

1. Verify all connections are secure.
2. Slowly turn on water supply.
3. Check thoroughly for leaks.
4. Allow water to flow, then switch on the UV power supply.
5. Wait approximately 5 minutes for the UV lamp to stabilize.
6. Your system is now ready to use.

5.0 MAINTENANCE AND SERVICE LOG

For continued effectiveness, replace UV lamp every 12 months or earlier and filters every 6 months or earlier. Regular servicing will guarantee water purity and extend system life.

Service Agent	Installed/Service Date	Service By	Comment

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