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TECHNICAL BULLETIN - WATERBLOCK FITTING REPLACEMENT

Title	WATERBLOCK FITTING REPLACEMENT
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Description

Bevi is transitioning from the use of a plastic fitting to a metal fitting on the waterblock. This will decrease the likelihood of a leak in the field.

Old Waterblock with Plastic Fitting

New Waterblock with Metal Fitting

FAQs

- **Why does the plastic fitting need to be replaced?**
  - The metal fittings have been shown to reduce leaks in the field.
- **How long after installation does the fitting typically fail?**
  - There is no indication which fittings fail and when.
- **Which Standup units need this fitting replacement?**
  - Only the V1.0 and V.75 Units need to have the fitting replaced on the waterblock. V1.5 units do not have waterblocks.

Required Tools and Materials

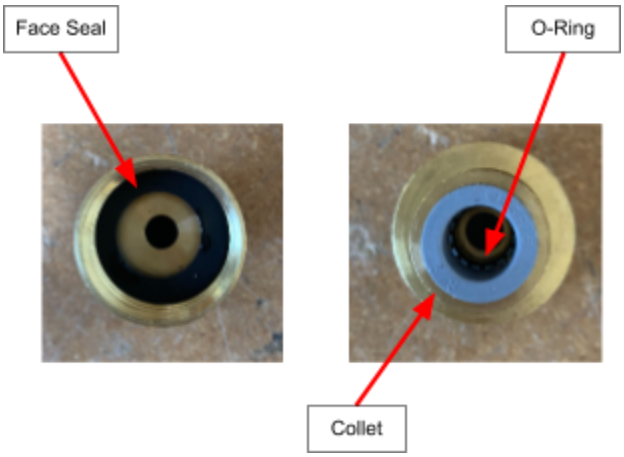
- Water Block - Metal Fitting - Elbow In: 107645-01
  (if performing full water block assembly replacement)

- Brass Garden Hose Adapter, ⅜” Tube x ¾” FGH: 350-0113
  (if performing only fitting replacement)

Remediation Process

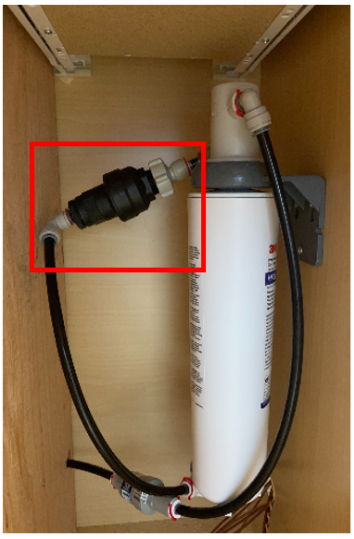
Initial Inspection of Fitting

- Inspect the brass fitting for the face seal, O-ring, and collet.



Countertop

- Turn off water to the system.
- Dispense water from the head unit to relieve pressure.
- Locate the water block near the filter in the cabinet.



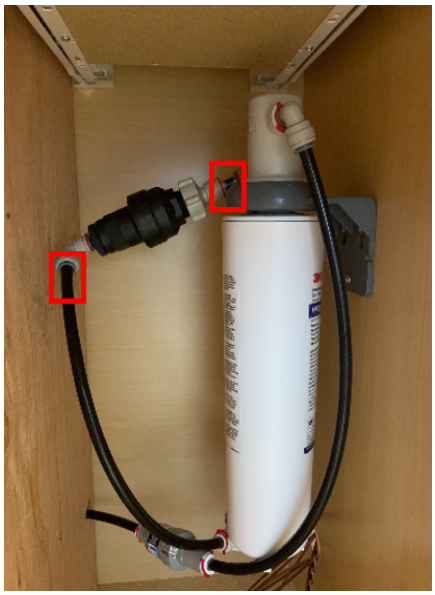
NOTE: Waterblock is horizontal for illustration purposes, should be installed vertically

- Remove the (2) red locking clips on either side of the waterblock and detach the tubing from the fittings.

- Remove the waterblock from the system and remove the plastic fitting by turning it counter clockwise.

- Check the threads on the waterblock. If any are broken, replace the entire waterblock.

- Inspect the tubing on either side of the waterblock fittings. If worn, either replace or cut the current tube to a fresh portion of the tube.
  NOTE: Do not cut tube at an angle.

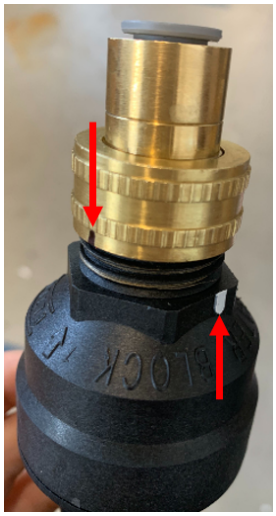


NOTE: Waterblock is horizontal for illustration purposes, should be installed vertically

- After the tubing has been inspected, mark the tube used for the fitting ⅞" (.875") from the cut end. This step will ensure full insertion of the tubing into the fitting when the water block is reinstalled.

- Ensure that the waterblock setting is set to 3. This number regulates how much water can pass through the device before it stops the flow of water. If too much water passes through the waterblock, that is indicative of a leak. The higher the setting, the more water that will be allowed to leak.
NOTE: The 3 and 8 look very similar in the small script on the waterblock, so double check that the arrow is pointing towards the 3.

- Tighten metal fitting until hand tight and mark the waterblock and fitting to indicate this position. Then tighten ¼ to ½ turn past the first resistance. The measured gap between fitting and waterblock should be between 0.18” and 0.20”.
  NOTE: Do not use tools to tighten the fitting.



- Reinstall the waterblock with the new fitting in the cabinet and reconnect the (2) red locking clips. These clips ensure that the tubing stays locked in place.

- The arrow on the waterblock points in the direction of waterflow, which should be into the filter.

NOTE: Install waterblock in VERTICAL position

NOTE: After reinserting the waterblock, the tube markings created earlier should be visible at the edge of the fitting.

Inspection Test:

- Turn on the water and observe the waterblock under a pressurized system. Check for drips over the course of 10 minutes. If any drips are present, tighten the fitting an additional ¼ turn. If drips are still present, call tech support.

Standup

- Turn off water to the system.
- Dispense water from the Bevi to relieve pressure.
- Locate the water block near the filter in the unit.

- Follow the same procedure detailed above for replacement of the waterblock.

- Final installation of the waterblock in the standup unit with the metal fitting.

Inspection Test:

- Turn on the water and observe the waterblock under a pressurized system. Check for drips over the course of 10 minutes. If any drips are present, tighten the fitting an additional ¼ turn. If drips are still present, call tech support.