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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

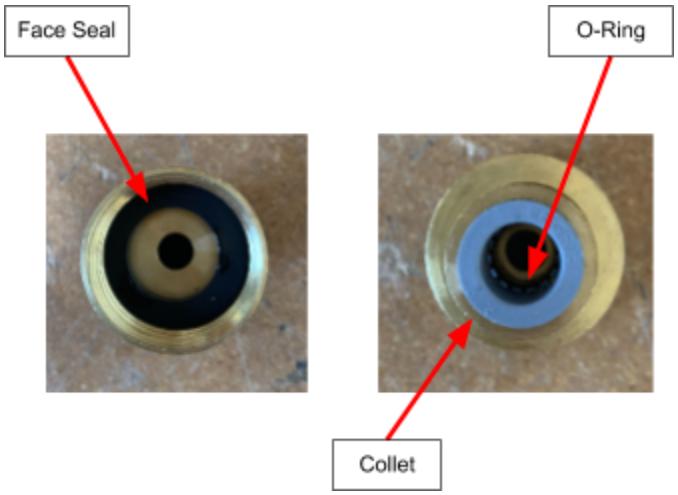
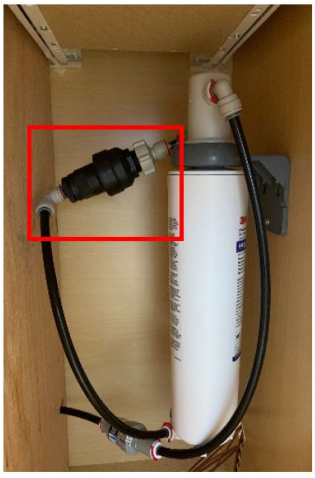
FAQs

- **Why does the plastic fitting need to be replaced?**
  - The plastic fittings currently installed on the waterblock have shown to be the cause of leaks in the field.
- **How long after installation does the fitting typically fail?**
  - There is no indication which fittings fail and when.
- **Is there a chance that the metal fittings will have the same issue?**
  - Bevi tested the metal fittings and was not able to invoke any failures when installed in accordance with the procedure below.
- **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)

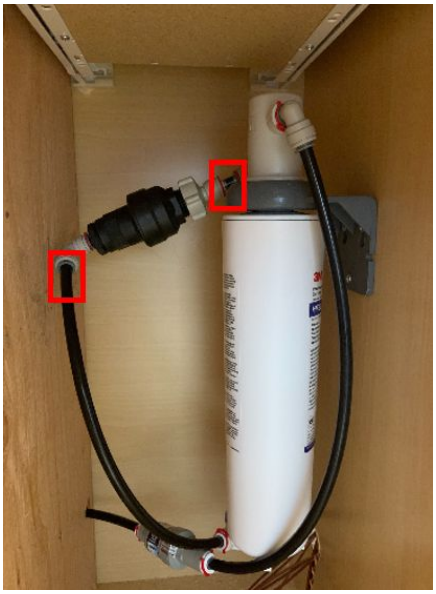
Remediation Process
Initial Inspection of Fitting
- Inspect the brass fitting for the face seal, O-ring, and collet. 
Countertop
- Turn off water to the system. - Dispense water from the head unit to relieve pressure - Locate the water block near the filter in the cabinet. 

- 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.

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

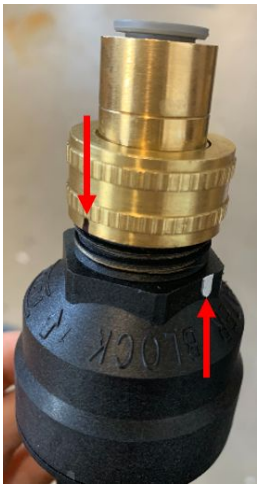
- Inspect the tubing on either side of the waterblock fittings. If worn, either replace or cut the current tube to a fresh portion of the tube.
  NOTE: Do not cut tube at an angle



- 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.

- Set the gallon setting on the waterblock to 3.
  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”.



- Reinstall the waterblock with the new fitting in the cabinet and reconnect the (2) red locking clips.
- The arrow on the waterblock points in the direction of waterflow, which should be into the filter.

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

- Turn on the water and observe the waterblock. Check for drips over the course of 5 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