

Touchless Faucet for Undersink UltraStream



Item list:

Item	Touchless Faucet for Undersink UltraStream	QTY
1	Smart Box	1
2	Touchless Faucet	1
3	Battery Pack (4 x AA batteries supplied)	1
4	$\frac{3}{8}$ " to $\frac{1}{4}$ " Reducer	2
5	$\frac{3}{8}$ " to $\frac{3}{8}$ " Stem Elbow	1
6	$\frac{3}{8}$ " Equal Straight Connector	1
7	$\frac{3}{8}$ " Hose	1
8	$\frac{1}{4}$ " Hose	2
9	Mounting Screws and Washers (for Smart Box)	3
10	Tee Connector and Tap	1
11	Pressure limiting valve (PLV)	1
12	Spanner (keep in a safe place, used for replacing filters)	1
13	UltraStream Undersink (sold separately)	1
14	Installation Instructions	1



Typical Installation Schematic:

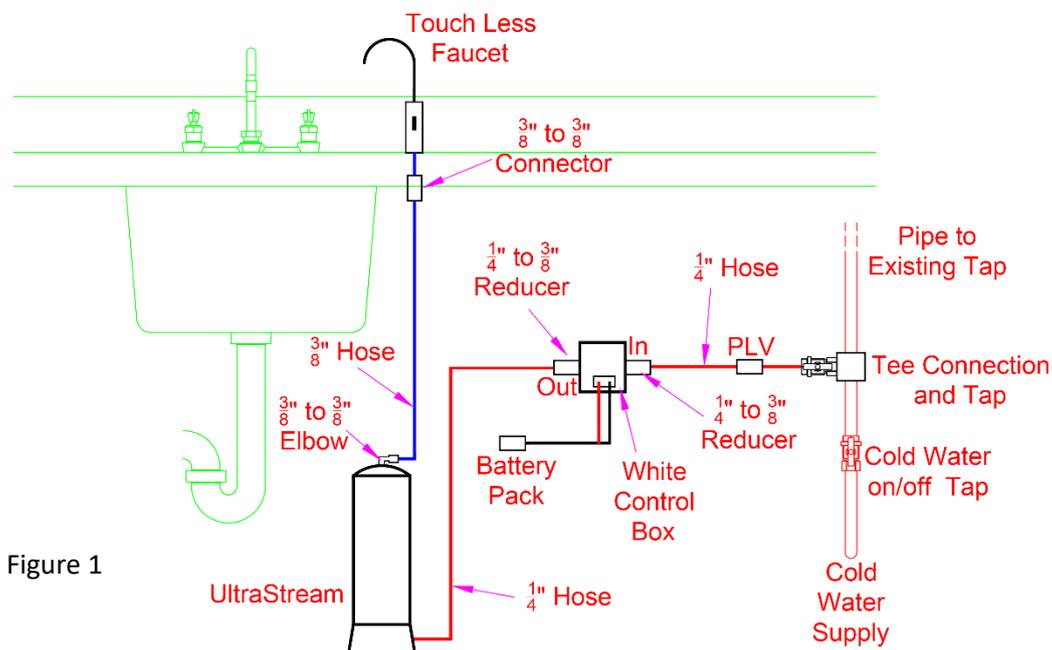
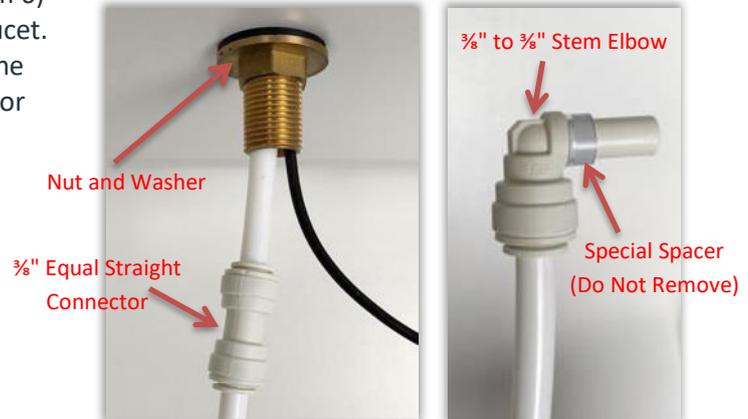
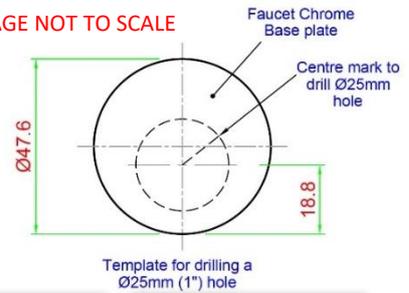


Figure 1

Faucet Installation:

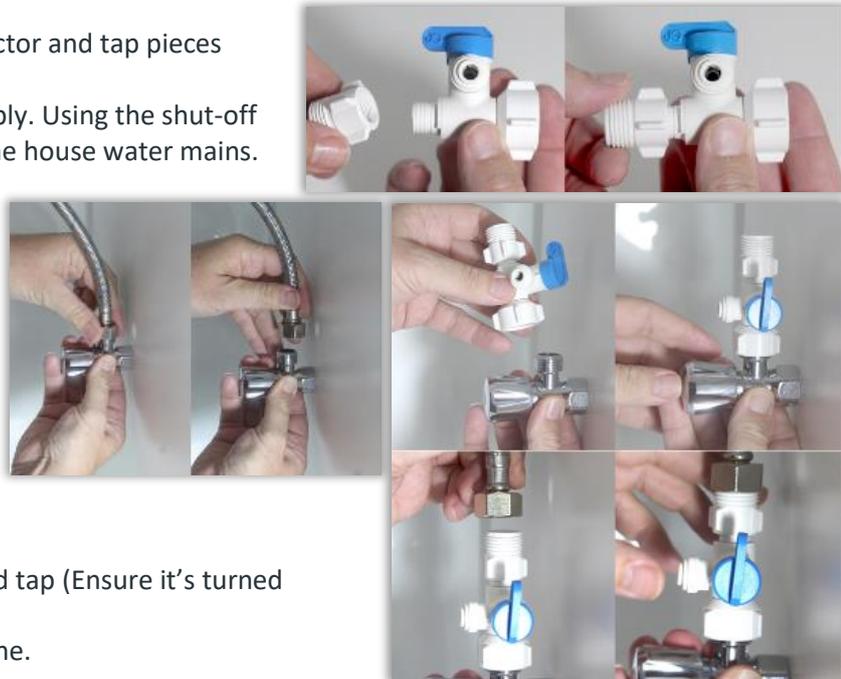
1. Use the supplied template to drill the hole in the bench top.
2. Remove all sharp edges, deburr and clean the hole.
3. Remove the nut and rubber washer from the faucet.
4. Position the faucet into place.
5. Underneath the benchtop top; replace washer and nut, then screw faucet firmly into place.
6. Press the $\frac{3}{8}$ " equal straight connector (item 6) onto the white hose sticking out of the faucet.
7. Gently press in the $\frac{3}{8}$ " hose (item 7) into the open end of the $\frac{3}{8}$ " equal straight connector (item 6).
8. Gentle press in the $\frac{3}{8}$ " to $\frac{3}{8}$ " stem elbow (item 5) onto the free end of the $\frac{3}{8}$ " hose (item 7).

IMAGE NOT TO SCALE



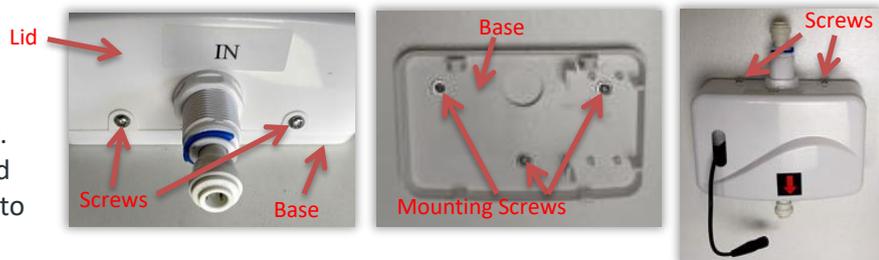
Cold Water Connection:

1. Hand tighten the tee connector and tap pieces together (Item 10).
2. Turn off the cold-water supply. Using the shut-off valve below the sink or at the house water mains.
3. After shutting off the water open the kitchen faucet draining the remaining water out of the line. Turn on a (lower) garden tap to drain the water line.
4. Place a container below the sink, under the shut off valve and disconnect the cold-water line.
5. Install the tee connector and tap (Ensure it's turned OFF).
6. Reconnect the cold-water line.



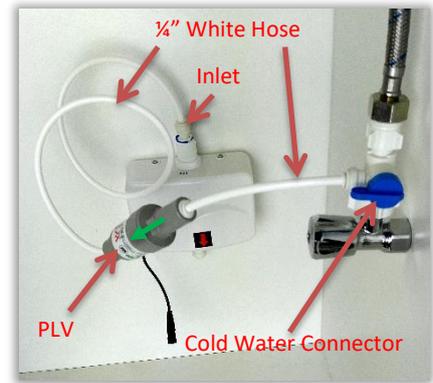
Smart Box Connection:

1. Remove screws on the inlet side of the smart box (item 1) and then gently remove base.
2. Use mounting screws and washers (item 9) Qty x 3 to mount the base to the wall.
3. Replace lid and screw back into place. Note: direction arrow should be pointing down.



Cold Water, PLV to the Smart box Connection:

1. Use one of the ¼" Hose (item 8) to connect the tee Connector and tap (item 10) to the inlet side (top) of the smart box (item 1). Gentle push the hose into place.
2. Cut ¼" Hose (item 8) to suit and connect the PLV (item 11) into place by gently pushing hoses into each end. **Note:** the arrow direction on the PLV is pointing away from the cold-water connection.



UltraStream Installation:

1. Use one of the ¼" Hose (item 8) to connect the Outlet (bottom) of the smart box (item 1) to the base of the UltraStream. Gentle push the hose into place.
2. Gentle press in the ⅜" to ⅜" Stem Elbow (item 5) into the top of the UltraStream (item 13).
3. Connect battery (item 3) and smart box (item 1) to the battery pack. Red connector to the red wire and Black connector to the black wire.
4. Turn blue tap on the colder water connector check for leaks.



Optional Pref-filter Cartridge Installations Instructions:

1. Install cartridge between the outlet of the smart box and the UltraStream.
 2. **Flush** the filter until water runs clear **before connecting into the UltraStream Base.**
 - a. The O-ring in the 10" housing should be periodically replaced and lubricated to prevent leakage.
 - b. Be sure to keep filter away from any heat source.
 - c. Check filter condition every 3 months and replace filter every 12 months.
 - d. Filter should not be used where the water quality sediment levels are unknown or are at medium to high levels or where the water source hasn't been tested and checked as acceptable for drinking.
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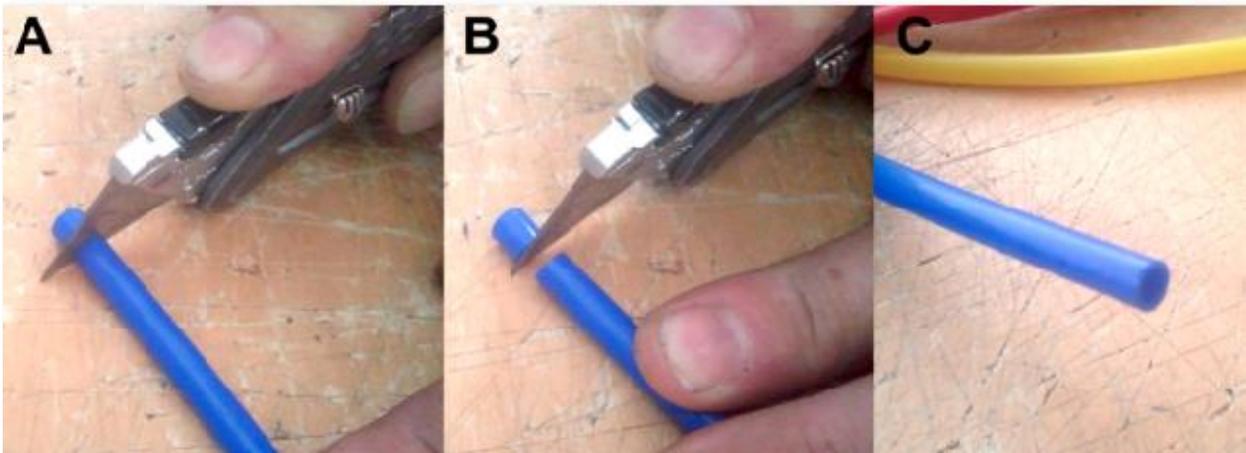
UltraStream Installation Completed:

1. To operate the Faucet.
Either move your hand or touch the infra-red sensor on the faucet to turn the faucet on and again to turn it off.
2. **Flush** the UltraStream for at least 5 to 10 minutes on a medium flow. Flush until the water runs clear. This is to remove any media filings in the system. This water can be used on plants.
3. Replace filter and batteries every 12 months.



How to Cut the Tubing for Connection:

1. Use a very sharp knife or razor blade to get a clean right angle cut.
2. Check to make sure you have a **clean and even end**.



How to connect



How to disconnect

