

QUICK START GUIDE (BC Residential)

Note: This quick start guide must be read in conjunction with the main installation and user instructions

- Before proceeding, read the installation and user instructions
- Check all the components are present and correct.
- Check that you have all the necessary tools
- Ensure the underbench can support the product weight when full of water, (Check the specifications in the main book and allow an extra 2-4kg when full.)



Before installing ensure the following have been provided at the installation site:

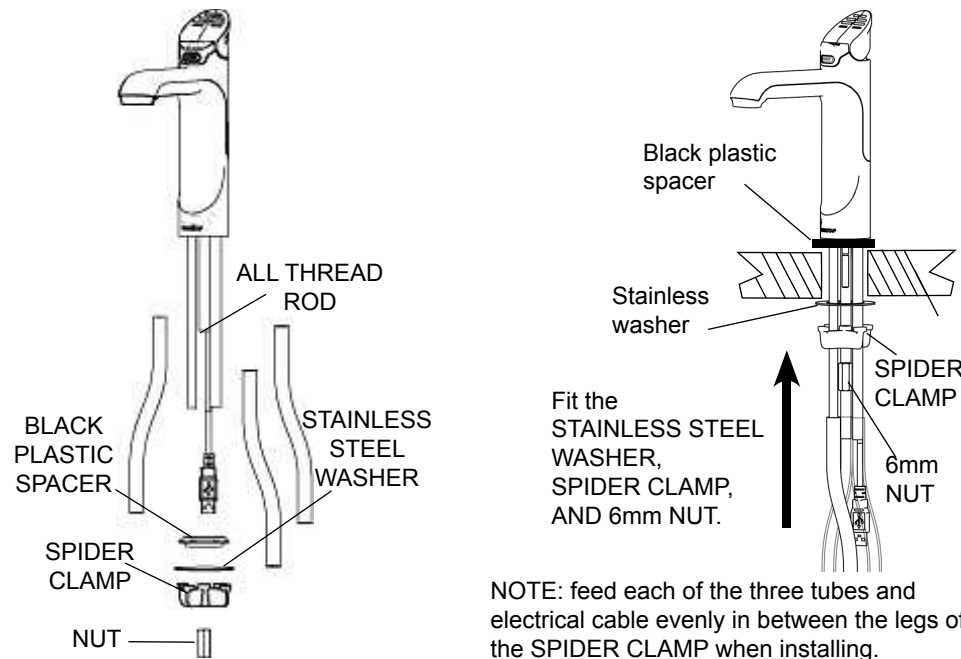
- Sufficient space in the cupboard to install all of the undersink units in accordance with these Installation Instructions. Refer to technical specification for dimensions. If required, make allowance for a booster heater. (Refer to the main book, for detailed installation instructions).
- A potable water supply connection with isolating valve inside the cupboard within reach of the flexible braided hose and positioned so that the connection point and the stop cock will not be obstructed when all the undersink units are installed.
- For Zenith BC & BCH-A HydroTap models, a 220-240Vac, 10A GPO will be required. For Zenith BCH-A & BCH-AV HydroTap models, two 220-240Vac, 10A GPOs will be required. (One GPO is for the Zenith HydroTap and the other for the Booster heater). **NOTE: Check the cable lengths and outlet positions before proceeding.**
- A potable cold water supply with a minimum working pressure of 172kPa and a maximum working pressure of 700kPa connected via an isolation valve.
- For the mains pressure BCH-A model, both a hot and cold water supply will be required.
- The undersink appliances must be mounted in upright positions as shown in the diagrams.

IMPORTANT! Do not proceed with the installation if these requirements are not met.

Parts Supplied	Description	Parts Supplied	Description
	1 off HydroTap Tap and hoses		Vent kit 1 x Kickboard louvre 2 x Door vent louvre 1 x front vent grill
	1 off Undersink Unit with air and water-filter		1 off HydroTap Booster heater and hoses (Supplied with BCHAV model)
	1 x Restrictaflow valve and Tee piece for Mixer Taps and select models		
	1 off Mains water connection hose		

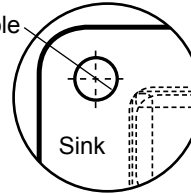
STEP 1- Prepare and fit the Taps

HydroTap and Elite Tap

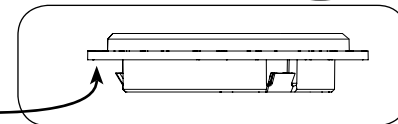


NOTE: feed each of the three tubes and electrical cable evenly in between the legs of the SPIDER CLAMP when installing.

Hole positioning: Position the tap such that it dispenses into the sink bowl with ample clearance for a cup or tea pot. Alternatively, the tap could be mounted away from the sink using a Zenith Font, available as an accessory.

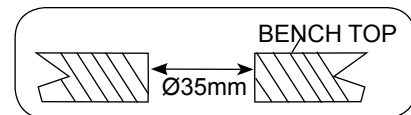


Apply a light smearing of silicon sealant on the underside of the upper spacer to ensure a watertight fit.

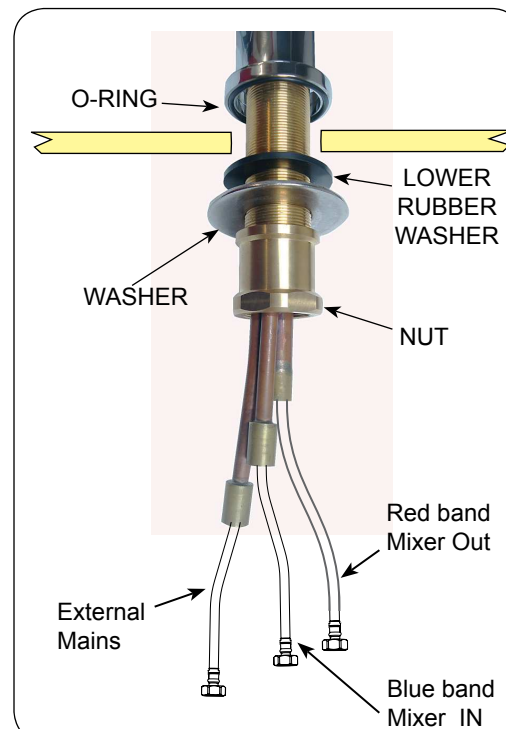


Mixer Tap 4-in-1 (If required)

For HydroTap & Mixer taps cut a 35mm hole in the bench or sink top.



- Fit the O-ring into the recess on the underside of the Mixer tap. (Note: If mounting on an uneven surface, a light smear of silicone on the seal ring will ensure a water tight seal)
- Affix the three hoses to the tap, noting their colour coding.
- Pass all hoses through the 35mm hole and position the tap so that it discharges into the sink.
- Fit the lower rubber seal to the threaded extension.
- Secure the tap in position with the metal washer and Nut.



HydroTap Arc/Cube (If required)

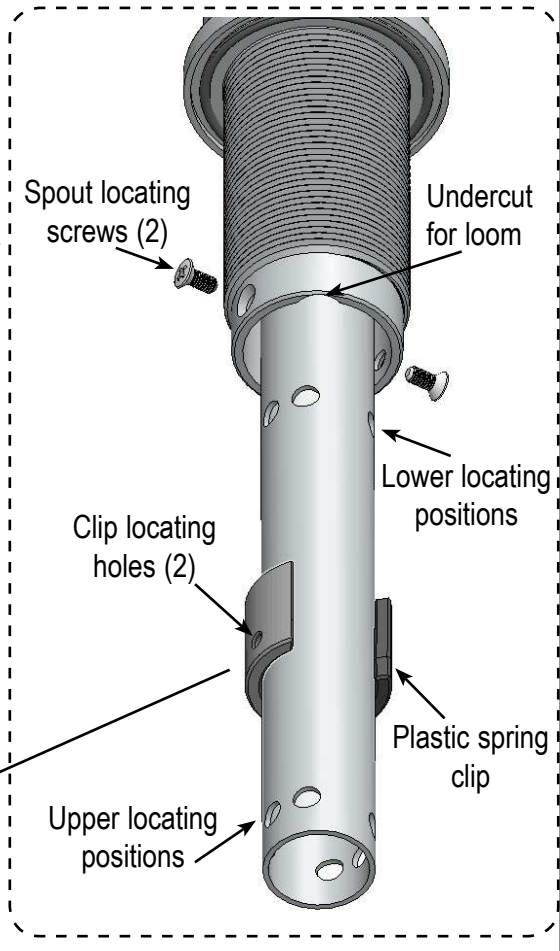
The HydroTap Arc/Cube has a spout that may be fixed in one of 6 angular positions (depending on the position of the rotary control) and fixed in one of two height positions. The spout is fixed and does not swivel.

NOTE: The tube kit must be fitted after the HydroTap has been mounted on the benchtop or sink. Refer to the tube kit assembly instructions, supplied with the tap kit.

1. Remove the 2 x spout locating screws and lower the spout to expose the plastic spring clip
- NOTE:** The plastic spring clip has two internal dimples that may be positioned in the 6 upper or 6 lower, pre drilled holes in the spout (see diags. below)
2. To reposition the spout, gently spread the plastic spring clip to release the dimples from the spout holes. When released, slide the clip on the spout so that it ends up between the two rows of holes.
3. Rotate the plastic clip on the spout to orient the dimples, so they are in line with the newly selected holes.
- NOTE:** When determining which of the 6 holes are required for the new spout height and orientation, check the new plastic clip position will clear the undercut and that the wiring loom will not be pinched, when assembled.
4. Slide the plastic clip up/down to engage with the selected holes, making sure the two dimples engage simultaneously with the two selected holes.

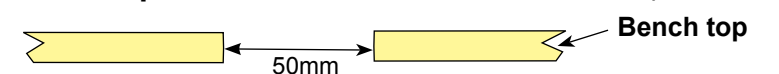
NOTE: The clip will not fit correctly if one dimple engages before the other. Both dimples must engage at the same time.

5. With the clip fitted to the newly selected holes, carefully raise the spout (ensure the wiring loom is a neat fit in the undercut and is located between the open ends of the clip) until the clip locating holes are in line with the spout locating screws.
6. Replace the 2 x locating screws.
7. If mounting on an uneven surface, apply a light smearing of silicon sealant on the O ring to ensure a watertight fit.
8. Pass the assembly through the 35mm hole and position the tap so it discharges into the sink.
9. Fit the lower rubber seal to the threaded extension.
10. Secure the tap in position with the metal washer and nut.
11. Fit the tube kit, as supplied



All-In-One Tap (If required)

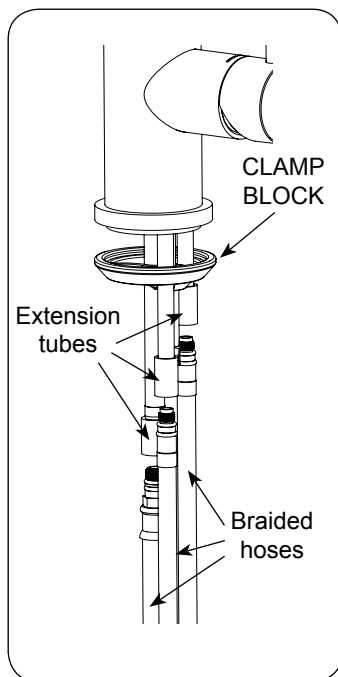
For All-In-One taps cut a 50mm hole in the bench or sink top.



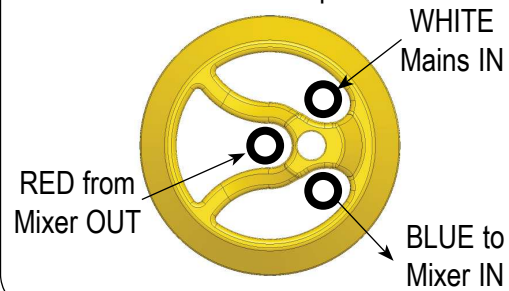
Note: make sure the tap location will allow the nozzle to drain into the sink.

- Fit the seal ring to the base of the tap and apply a light smear of silicone sealant to ensure a watertight seal
- Mount the tap on top of the cut out hole after passing the usb cable and tubes through the 50mm hole
- Thread the cable and silicon tubes through the circular clamp block (Check the tube colour matches with the coloured dots on the clamp block). (See below)
- Clamp the assembly in position using the threaded nut and clamp block
- Working from inside the cupboard, attach the braided hoses to the tube extensions (ensure the seals on the end of the hoses are lubricated). Check the correct position for Hot and Cold connections by matching the colours on the braided hoses with the coloured markings on the copper extension tubes. (See below)
- Test for leaks after all the connections have been secured.

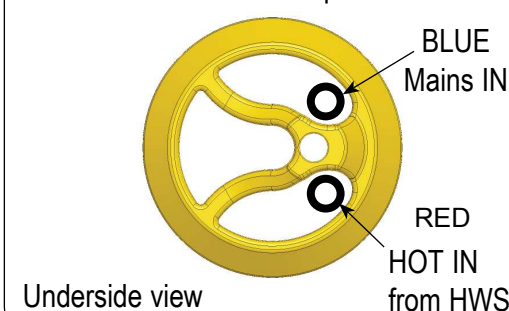
Typical Vented assembly



Vented braided hose positions

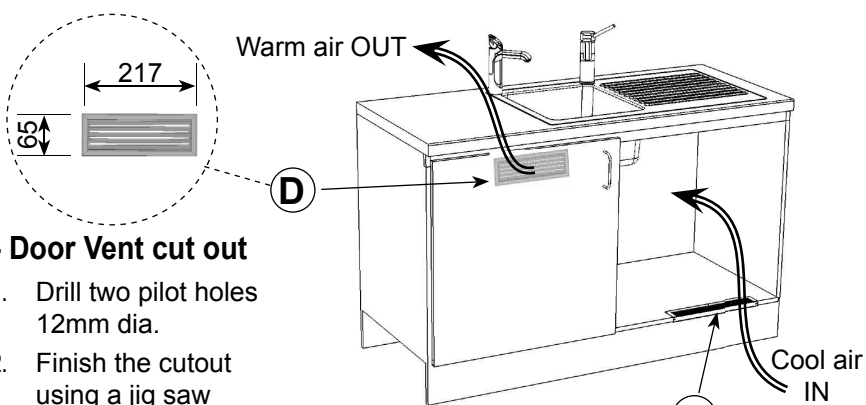


Mains braided hose positions



STEP 2- Cut cupboard holes and fit the air vent ducts

Ventilation



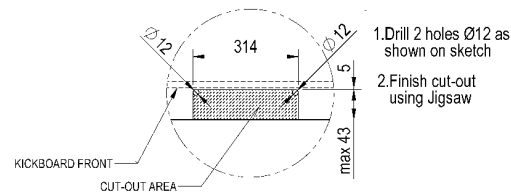
D - Door Vent cut out

1. Drill two pilot holes 12mm dia.
2. Finish the cutout using a jig saw

Normal air grille (B) see details in the next column

Note: For alternative solutions, refer to section 2 of the main instructions

B - Inlet grille cut out details



STEP 3- Install the Booster heater (if required)

Booster Heater

Note 1: water connection:

Blue marking - water in;
Red marking - water out.

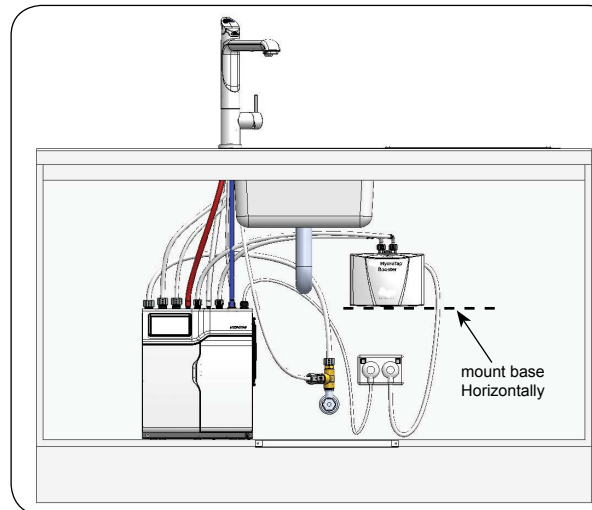
The tubes and hoses cannot be lengthened.

Note 2: Position the booster according to the flexible hose and cable lengths supplied.

Keep the Booster as close as possible to the undersink unit inlet/ outlet fittings.

Note 3: Ensure the Booster heater is mounted in an upright position (as shown) with a horizontal base.

Note 4: For mounting details, refer to section 2 of the main instructions



STEP 4- Install the undersink unit

HydroTap Unit

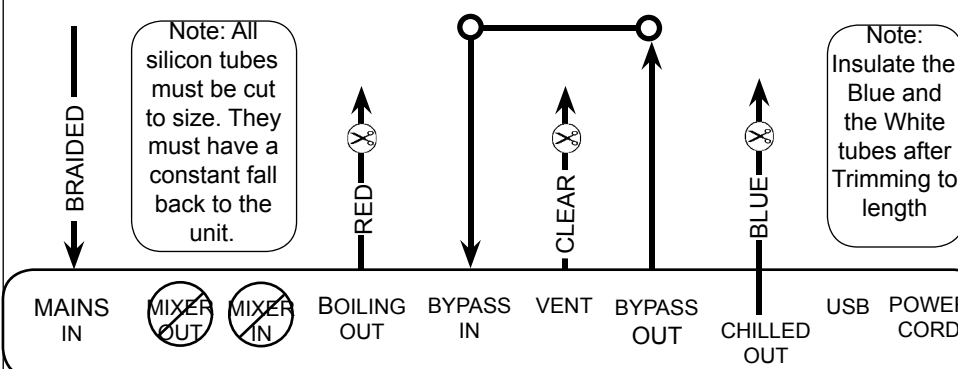
Note: Mains hose length is 750mm and the Plug and Cord length is 1800mm

Position the under sink unit close to the outlet tap, within reach of the hose and cord lengths supplied.

Ensure there is at least an unobstructed 50mm air gap on both sides of the undersink unit.

Note: The tube lengths are matched to the pumps performance and therefore CANNOT be lengthened.

For other configurations, see the main installation instructions



STEP 5- Commission the HydroTap

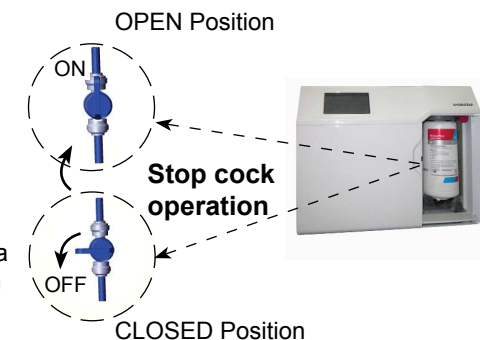
Commissioning

Commissioning the HydroTap

Turn on the water and check for any leaks before turning on the power. The system will prompt you to select a language before continuing with the filter flush procedure

Filter Flush:

Have a 10L bucket or similar container (not supplied) at the ready to hold a quantity of water that will be ejected while the Filter Flush Mode is in operation. Open the filter access door on the front of the HydroTap and the filter cartridge will be exposed. Located to the rear RHS of the cartridge is a flush line, approx 600mm long and the flush line stop cock. Place the valve end of the flush line into the 10L bucket or container.



1. Turn the stop cock ON
2. Press [Start] button to start filter flush.
3. Allow at least 10 litres of water to flush through the filter.
4. Once the filter flush is finished, Turn the stop cock OFF then press [Stop] to end filter flush mode.

Flow Calibration:

1. Press [Next] and the View screen will show the Flow calibration mode.
2. Press the [Start] button and the tank will first empty then fill. Upon completion the actual pulse will be displayed. Check this reading is within the limits

Boiling Calibration:

1. Press [Next] for the Boiling Calibration screen.
2. Press the calibration button and the system will commence the Boiling calibration procedure. This will take approx 5-6 minutes.
3. Upon completion, a Booster reminder screen will appear and allow you to return home by pressing the [Home] button.
4. Check the Date and Time settings (See section G of the user guide)

To enable the Booster: (when installed)

- Press the [MENU] button for main menu.
- Press the [Install] button.
- Press the [Booster] button.
- In the next screen, press YES to enable the Booster.
- Turn the Booster ON
- Water must be run through the Booster for a min of 30 seconds, before the heater will activate.
- Dispense boiling water for 30 seconds and check the Booster outlet hose is warm when the boiling water tank is replenishing.

Note: Failing to make the correct selection for the "Booster", will affect product performance.

