

HydroTap Taps Installation

For new installations, It is recommended to fit the tap prior to installing the undersink unit.

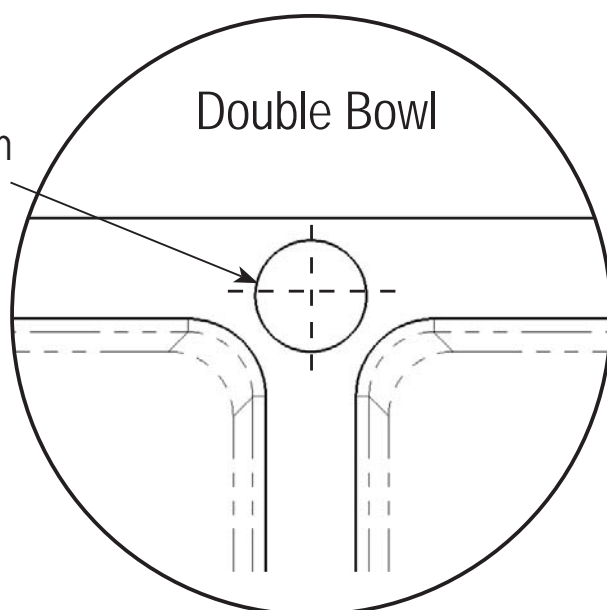
Note: This book must be read in conjunction with the undersink installation manual and the user manual

Hole positioning:

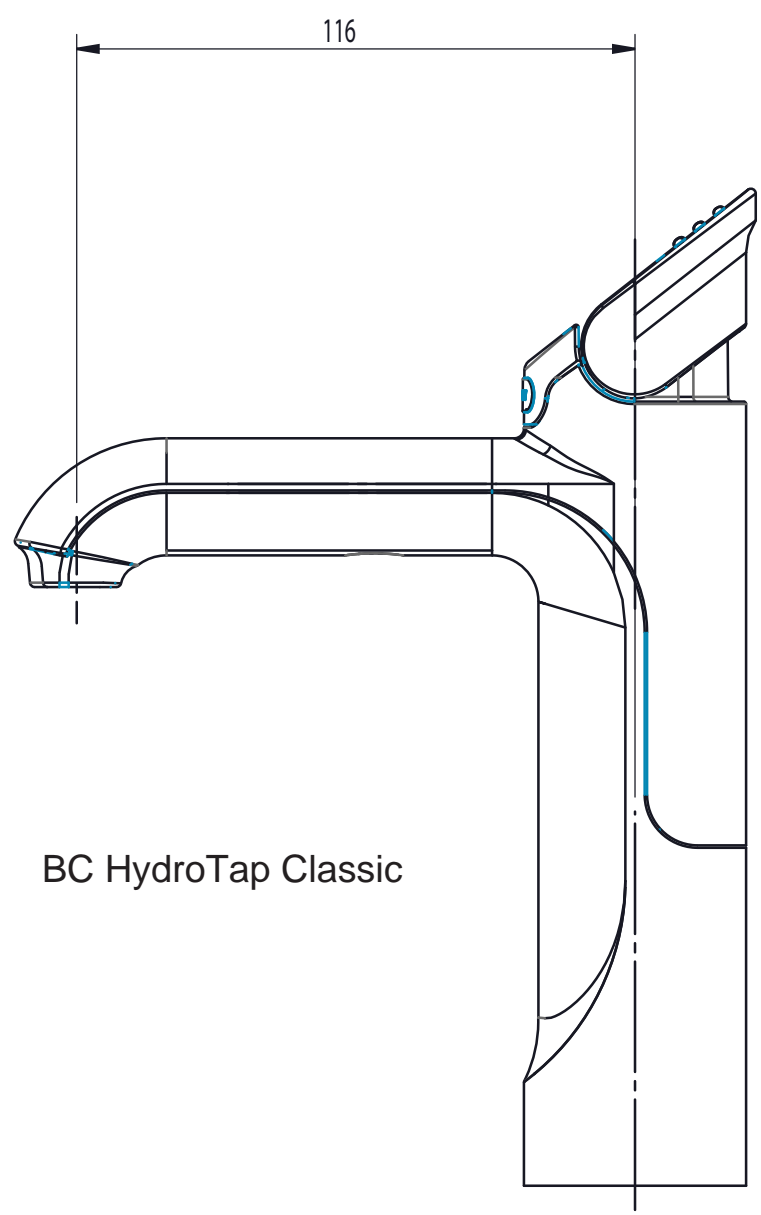
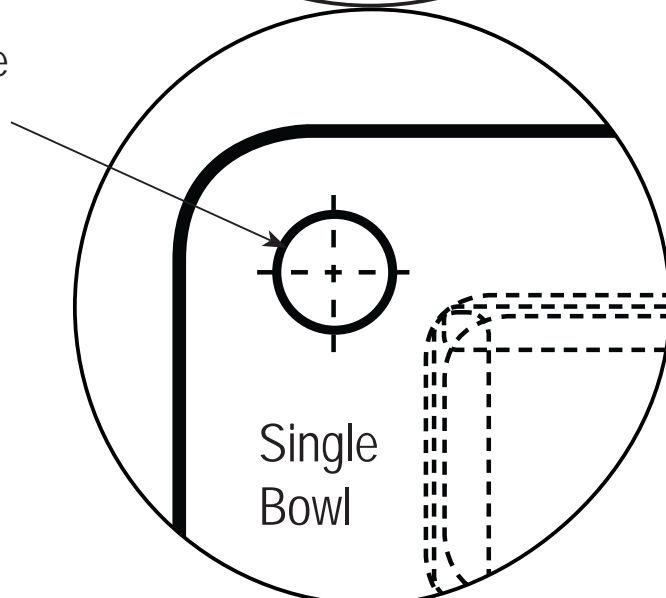
Position the tap such that it dispenses into the sink bowl with ample clearance for a cup or tea pot. Alternatively, the tap could be mounted away from the sink using a font, available as an accessory.

TAP	Recommended dispensing distance **
Elite	116 mm
HydroTap Classic	116 mm
HydroTap Arc/Cube	171 - 174 mm (Extended)
Classic All-In-One	211 mm
Celsius All-In-One	242 - 250 mm
Celsius Arc/Cube	220 mm
Mixer - Arc neck	220 mm
Mixer - Classic	270 mm
Mixer - Cube neck	220 mm

For
A-I-O 50mm and
Mixer taps 35mm
hole



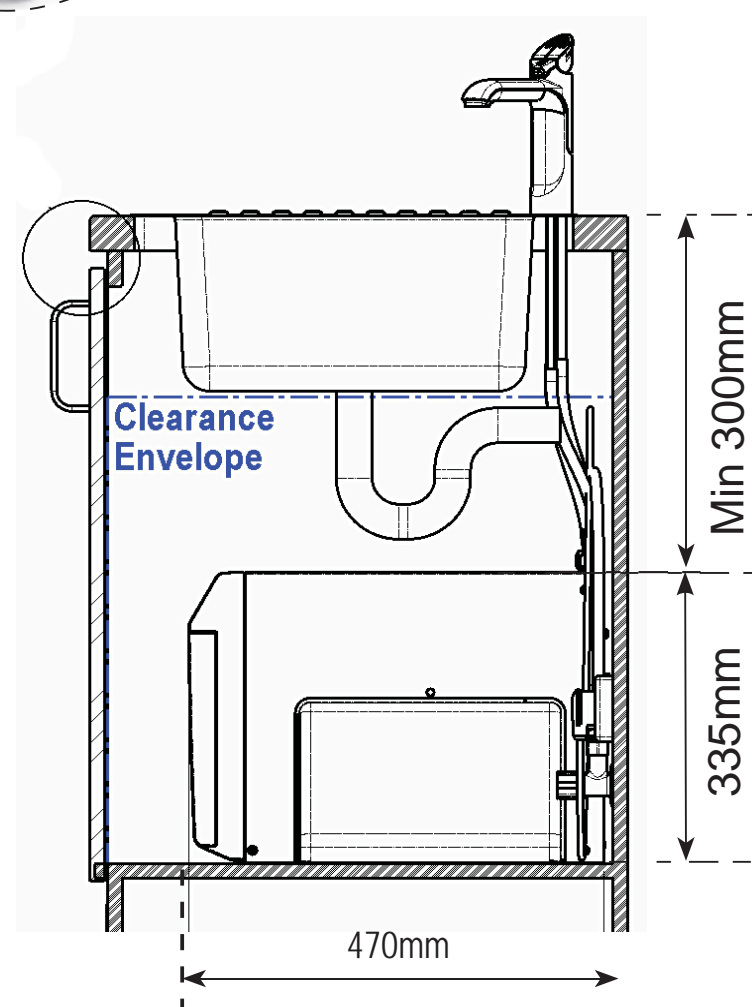
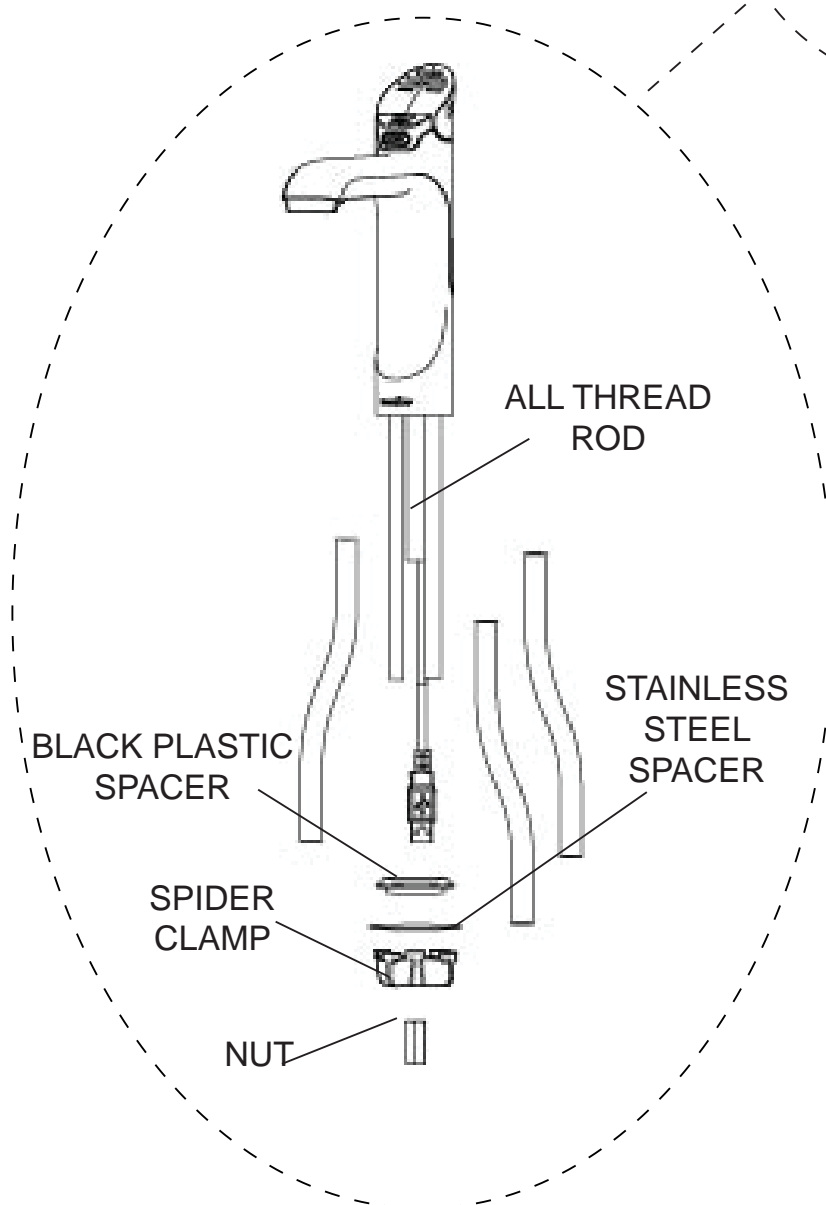
For
Elite, Classic
and Arc/Cube
35mm hole



1 - HydroTap Classic & Elite

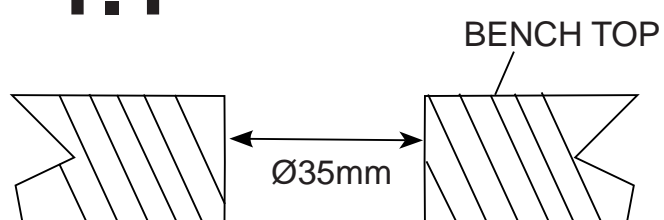
HydroTap Classic

EliteTap



Tap assembly exploded view and kitchen layout side view.

1.1



Cut a 35mm hole in the bench / sink top.

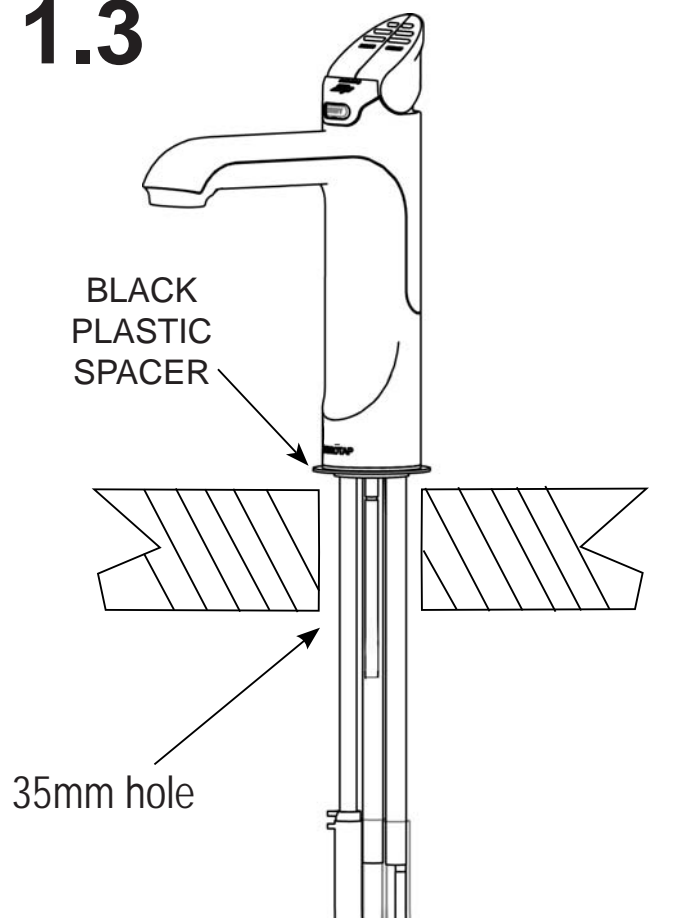
1.2



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

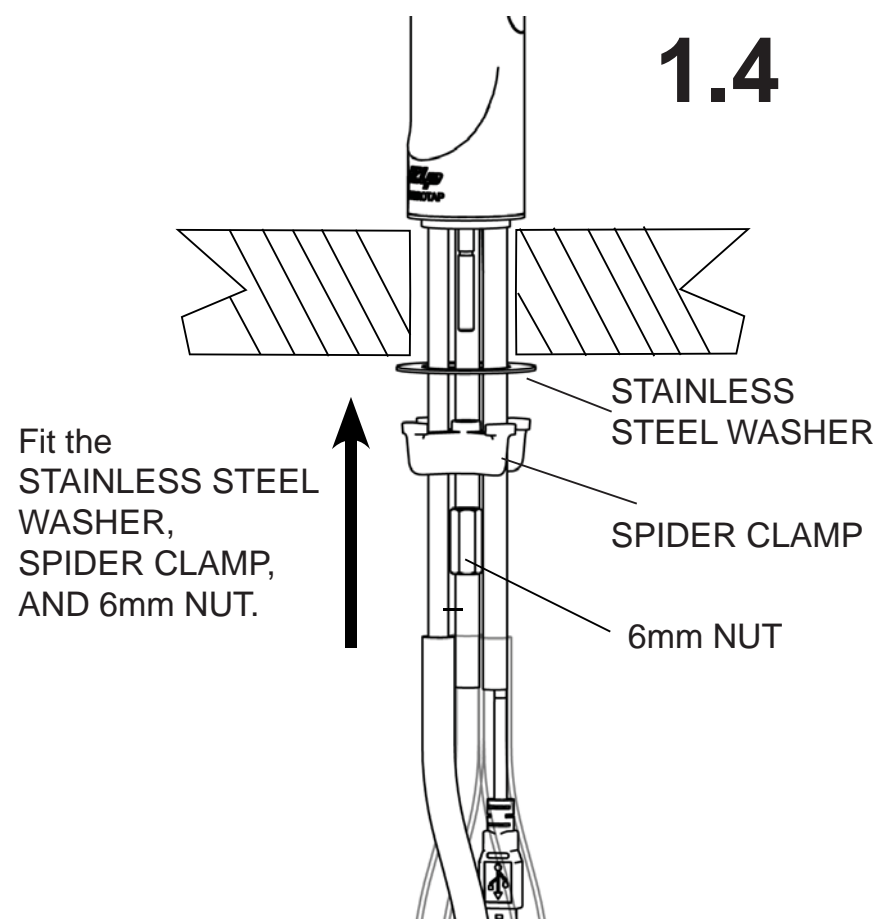
Installation Instructions

1.3



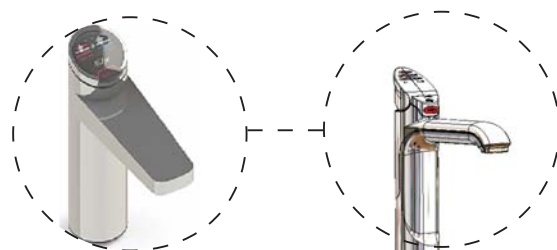
Pass all the hoses, tubes and USB lead through the 35mm hole.

1.4

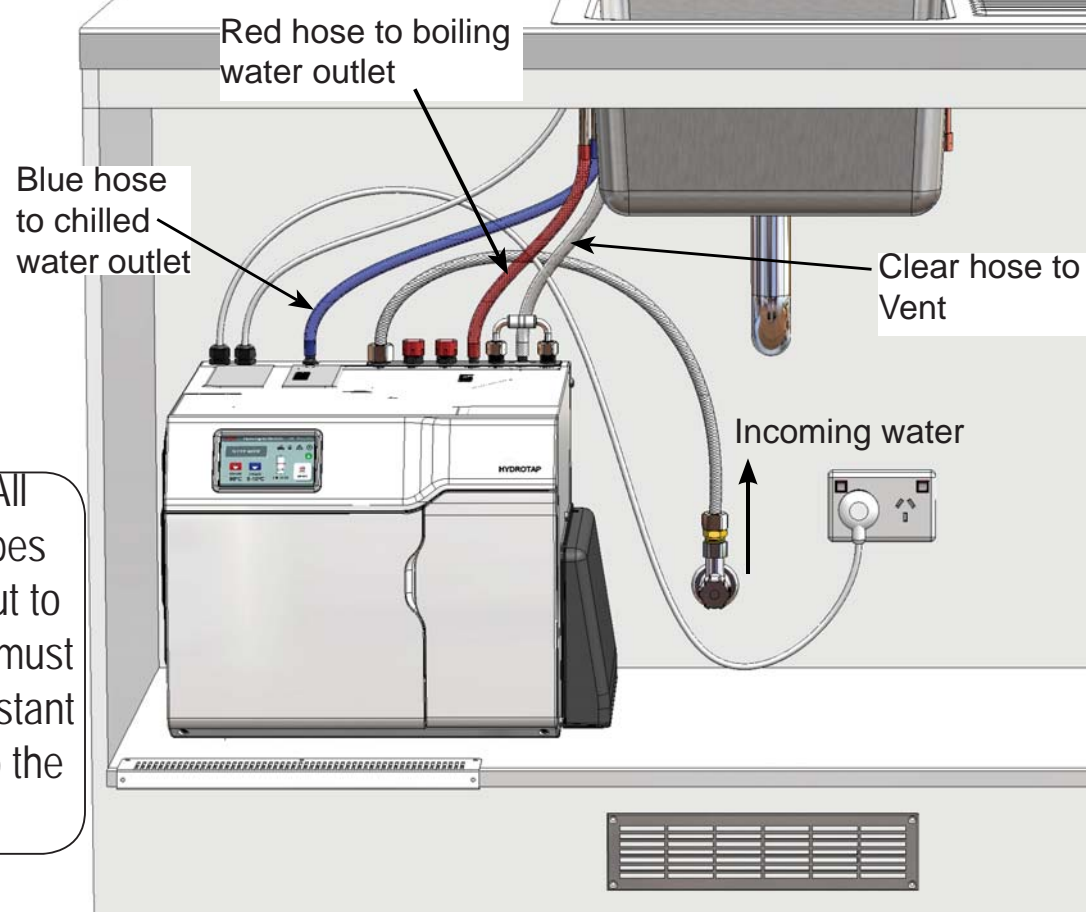


Note: feed each of the three tubes and electrical cable evenly in between the legs of the SPIDER CLAMP when installing.

1.5



Typical HydroTap Installation (see section 5)



Note: All silicon tubes must be cut to size. They must have a constant fall back to the unit.

Note:
- Mains hose length is 750mm
- 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

2 - HydroTap Arc/Cube

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.

To reduce the risk of scalding, Position A should not be selected with any of the Boiling water units. (See fig. 1.8)

2.1 To change the spout position

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 & Figs. 1.7 & 1.8)

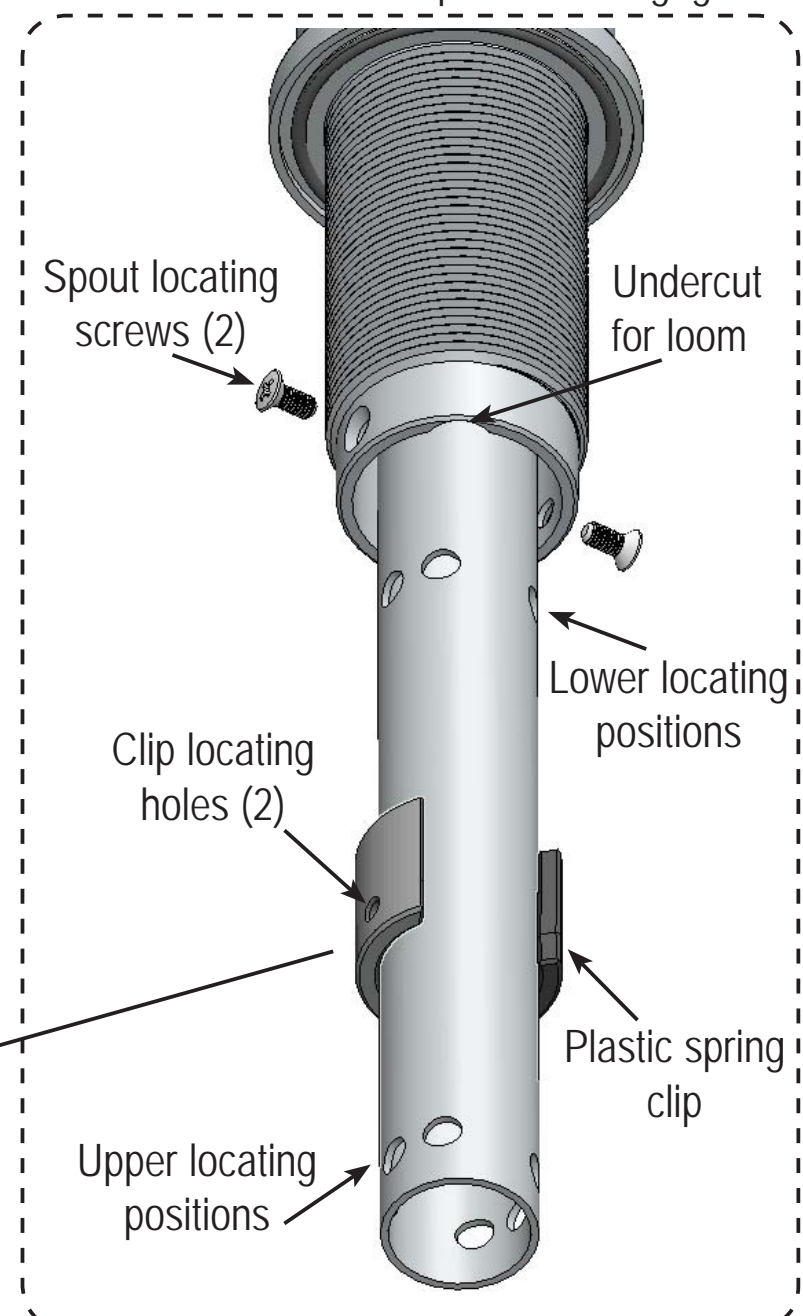
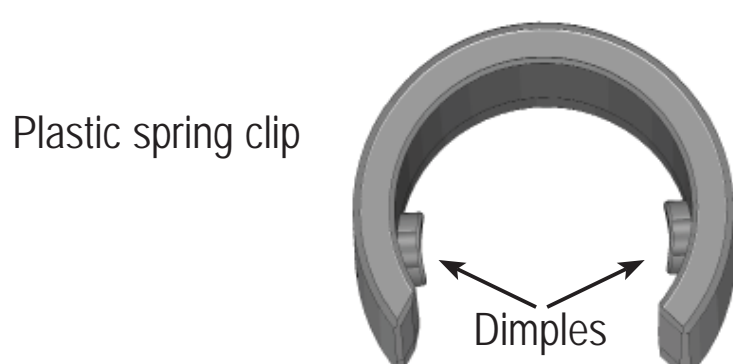
2. To reposition the spout, gently spread the plastic spring clip to release the dimples from the spout holes. When released, slide the clip on the spout so that it ends up between the two rows of holes.
3. Rotate the plastic clip on the spout to orient the dimples, so they are in line with the newly 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.

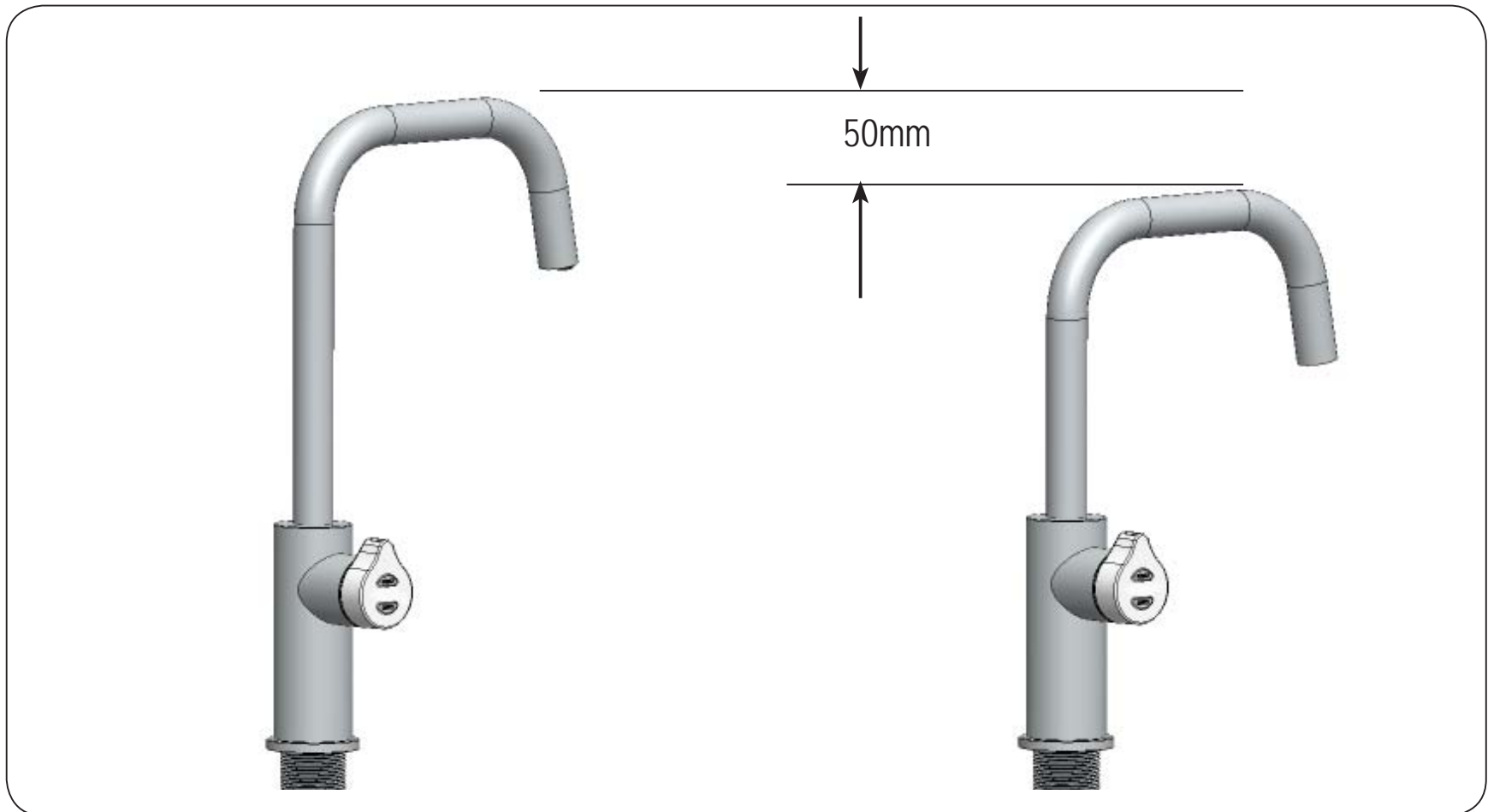
4. Slide the plastic clip up/down to engage with the selected holes, making sure the two dimples engage simultaneously with the two selected holes.

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

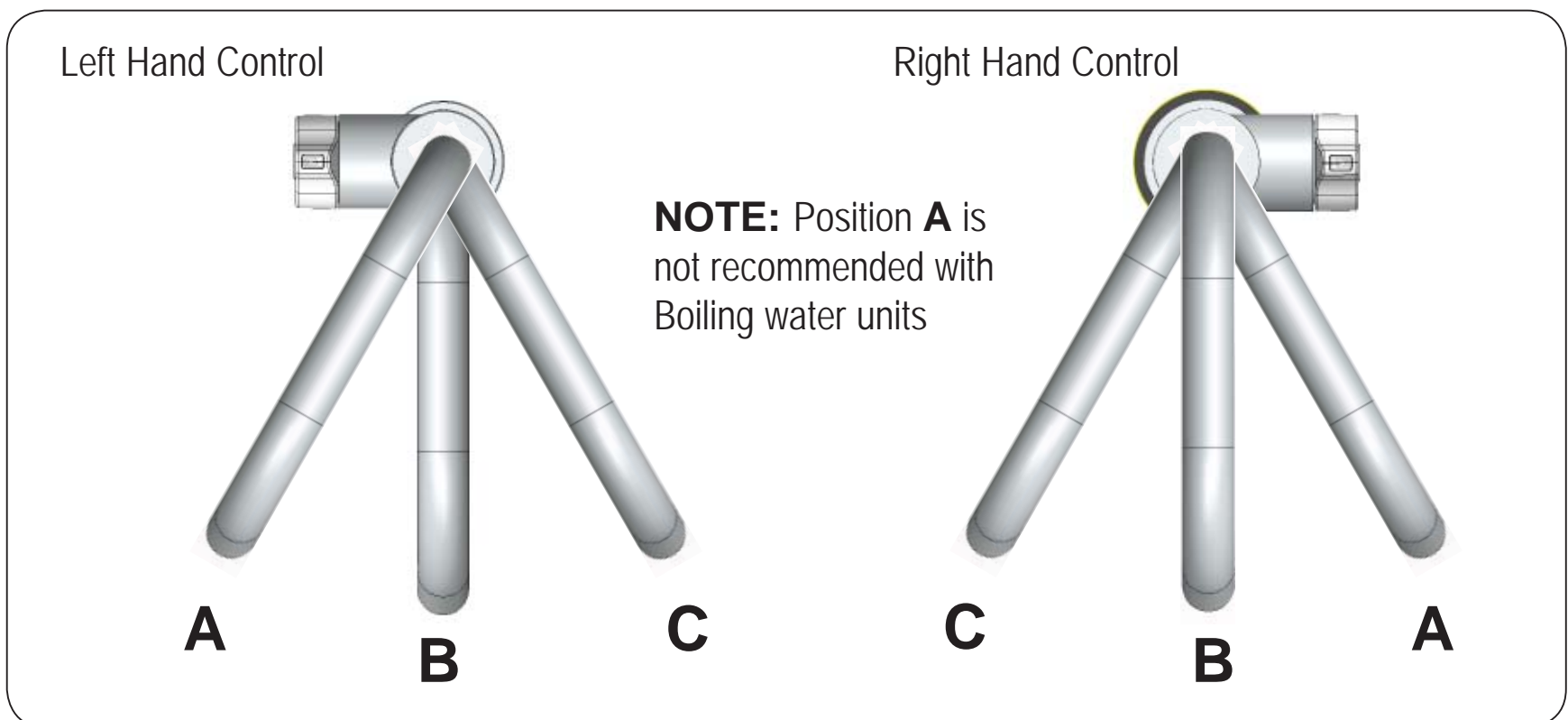
5. With the clip fitted to the newly selected holes, carefully raise the spout (ensure the wiring loom is a neat fit in the undercut and is located between the open ends of the clip) until the clip locating holes are in line with the spout locating screws.
6. Replace the 2 x locating screws.
7. If mounting on an uneven surface, apply a light smearing of silicon sealant on the O ring to ensure a watertight fit. (See fig. 1.9)
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.



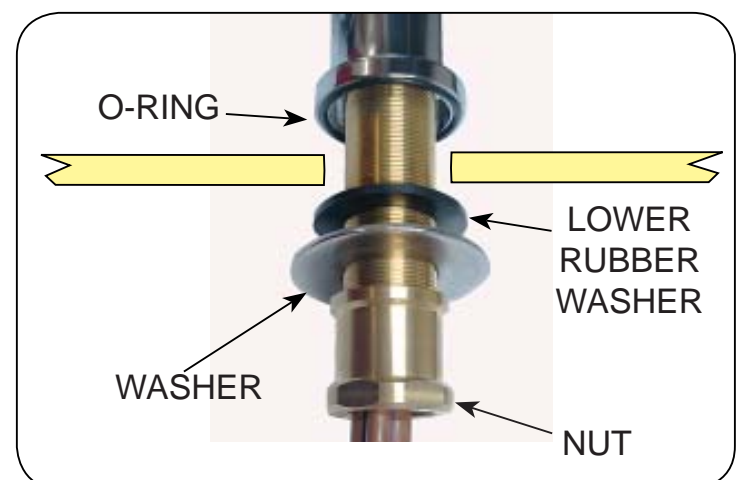
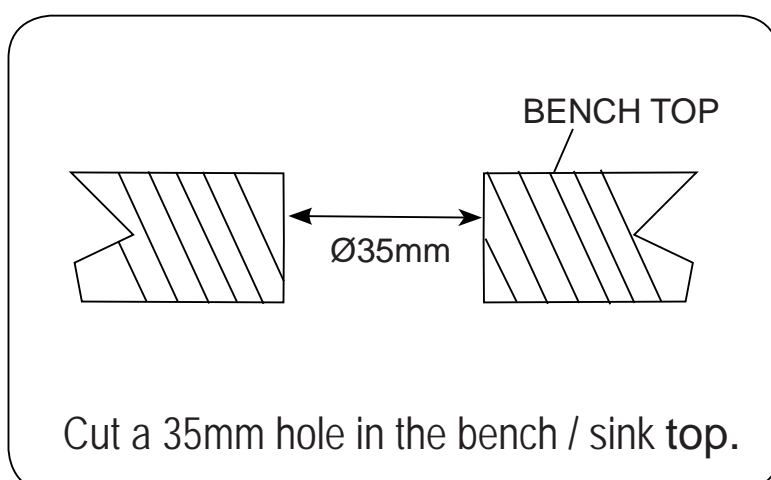
2.2 Height adjustment (Fixed position options)



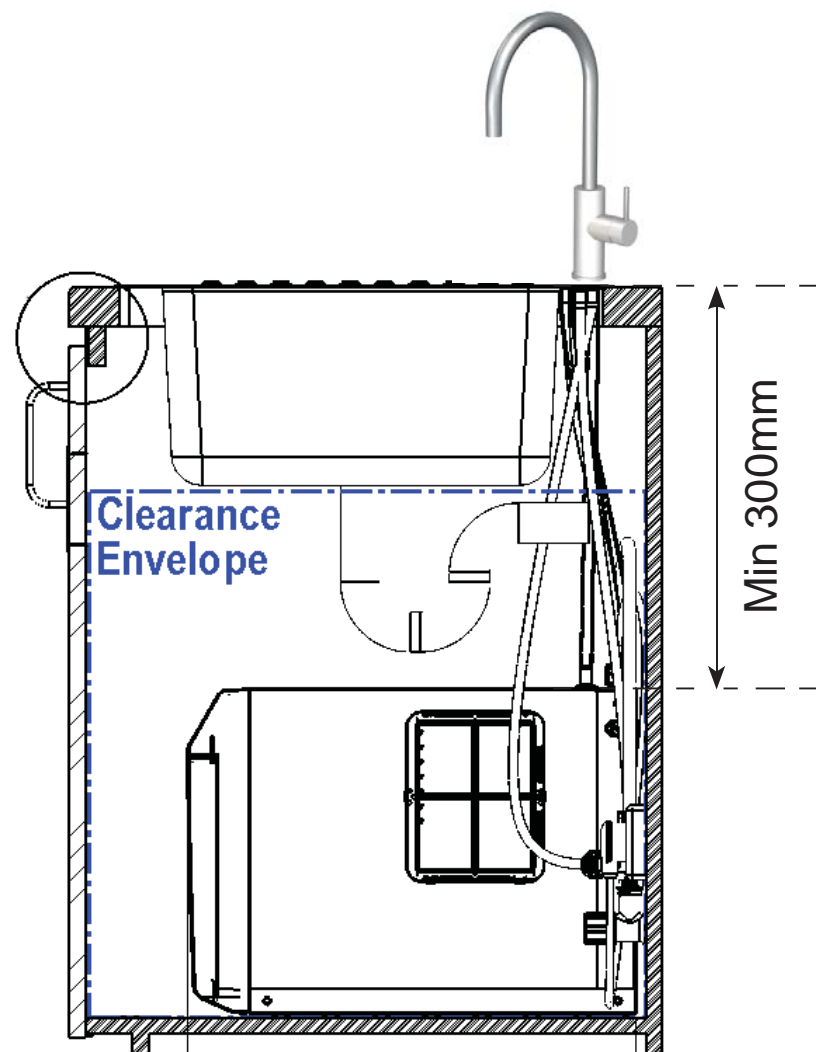
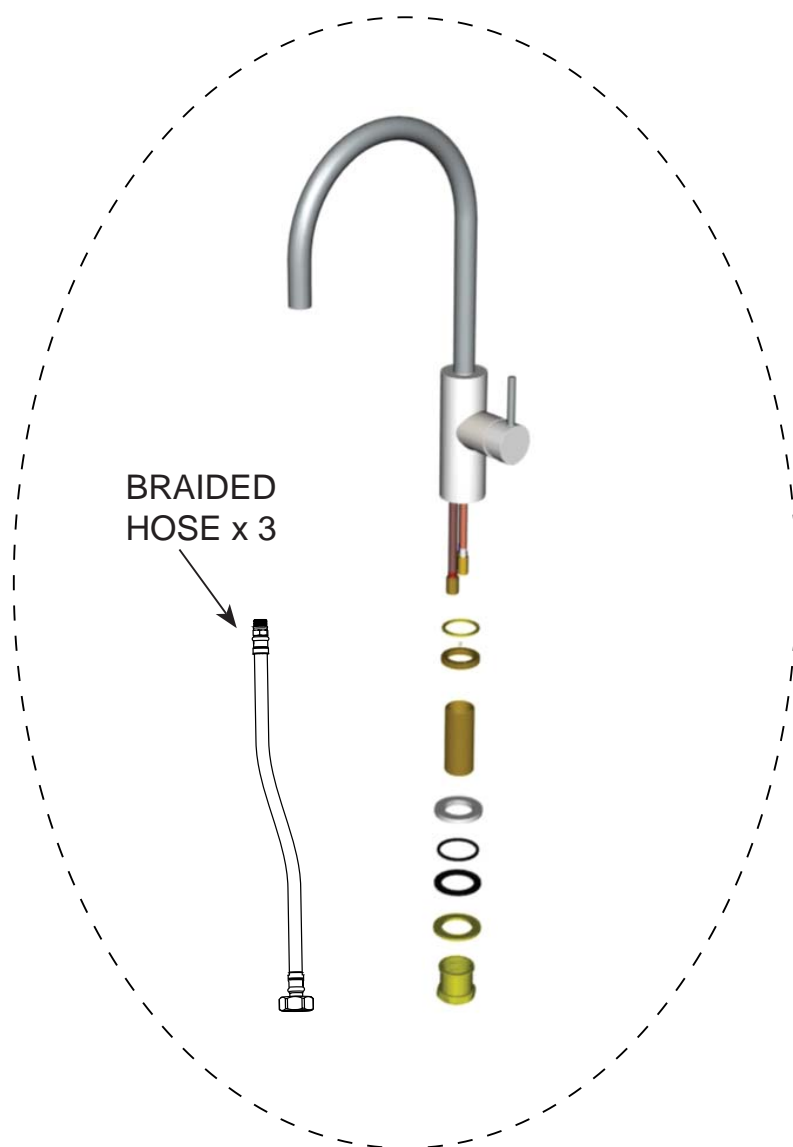
2.3 Angular adjustment (Fixed position options)



2.4 Mounting (See table on Page 11)

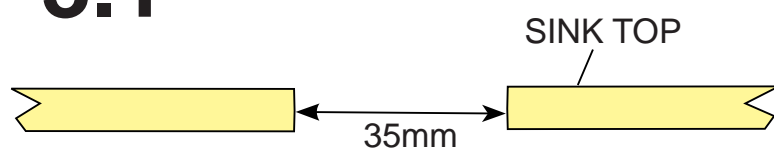


3 - Mixer Tap Installation



Tap assembly exploded view and kitchen layout side view.

3.1

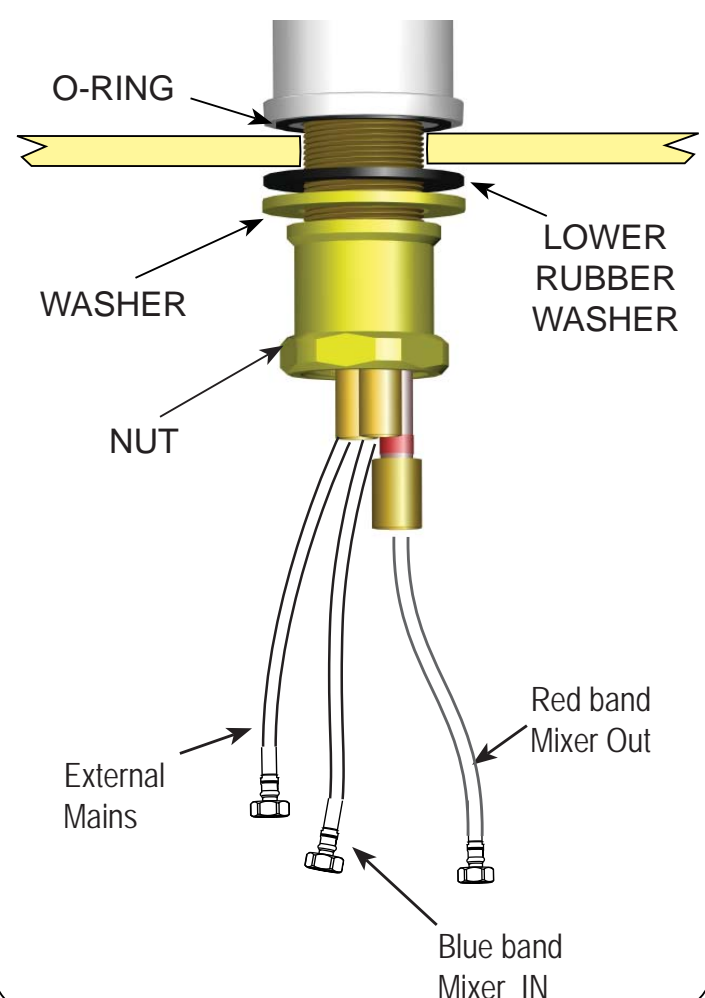


Cut a 35mm hole in the bench / sink top.

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

Note: The mixer tap requires a Restrictaflow valve, as supplied, to be fitted in the cold water supply line, from the isolation valve tee piece, to the mixer tap. (See Fig. 1.13)

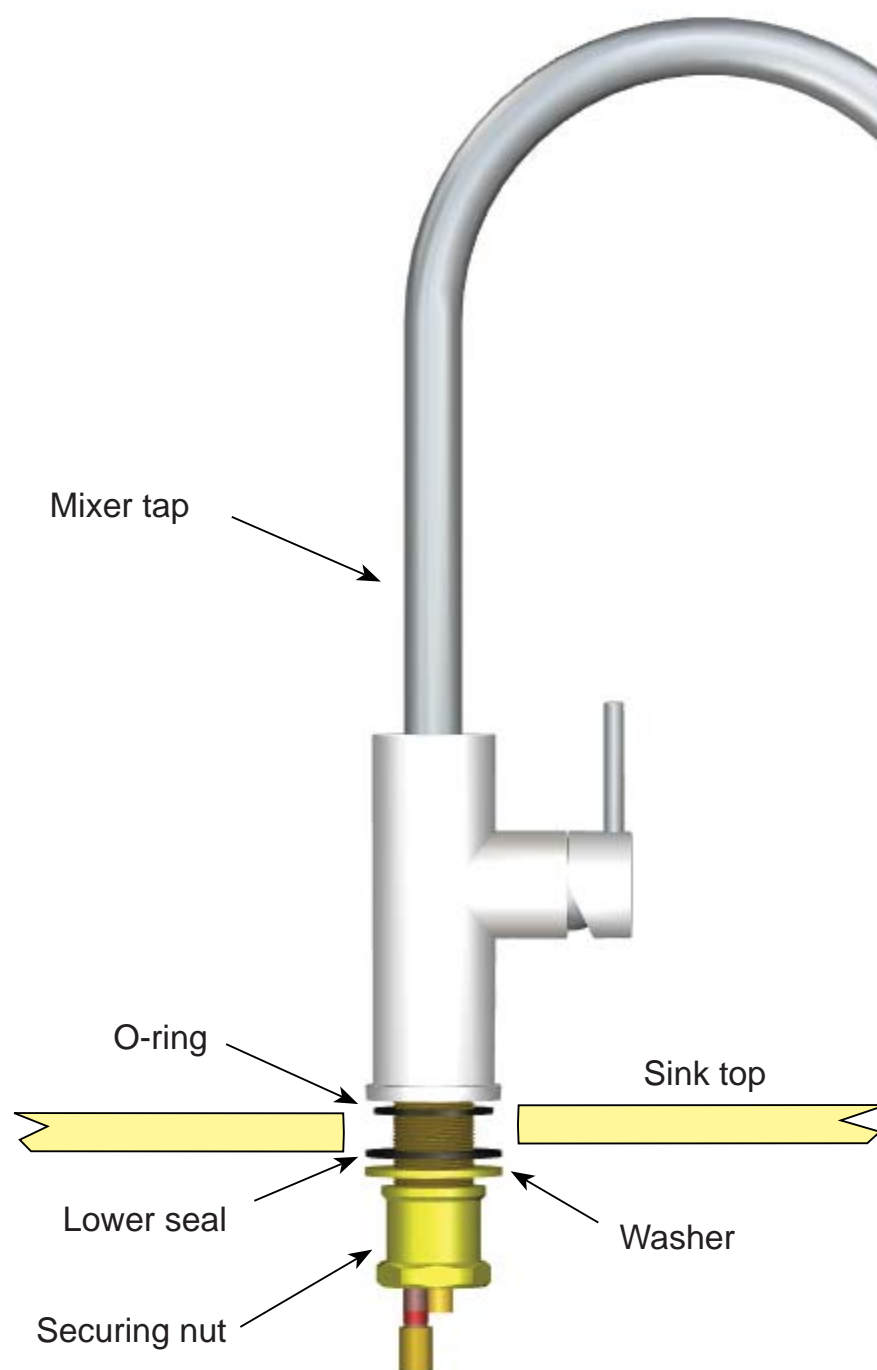
3.2



3.3 Installing the Mixer Tap (Classic, Arc and Cube)

- 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 O-ring will ensure a water tight seal)
- Pass the tap tubes and threaded extension 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.
- Affix the three hoses to the tap. Match the hose colours to the coloured bands on the copper extension tubes. (See diag. 1.11)

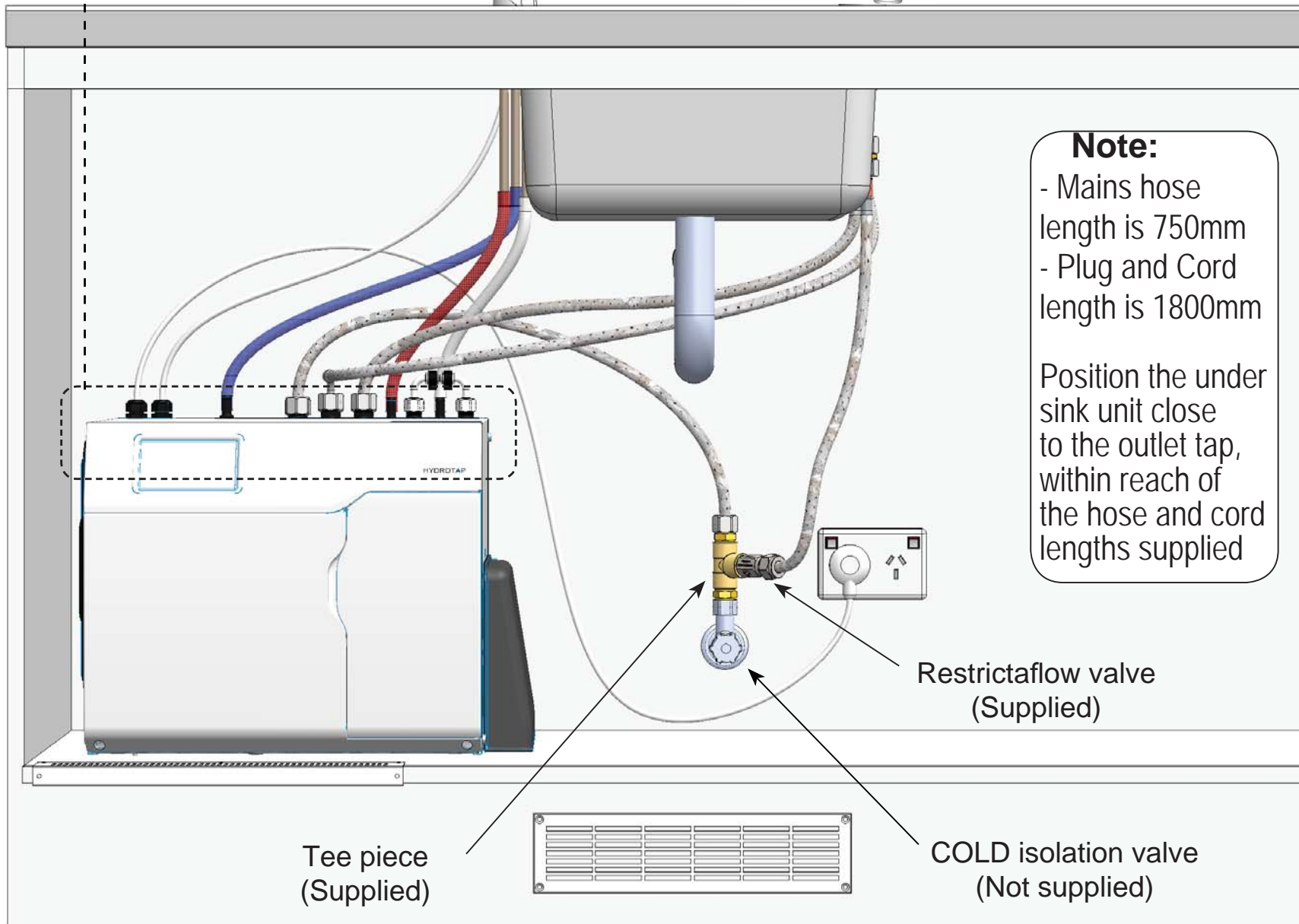
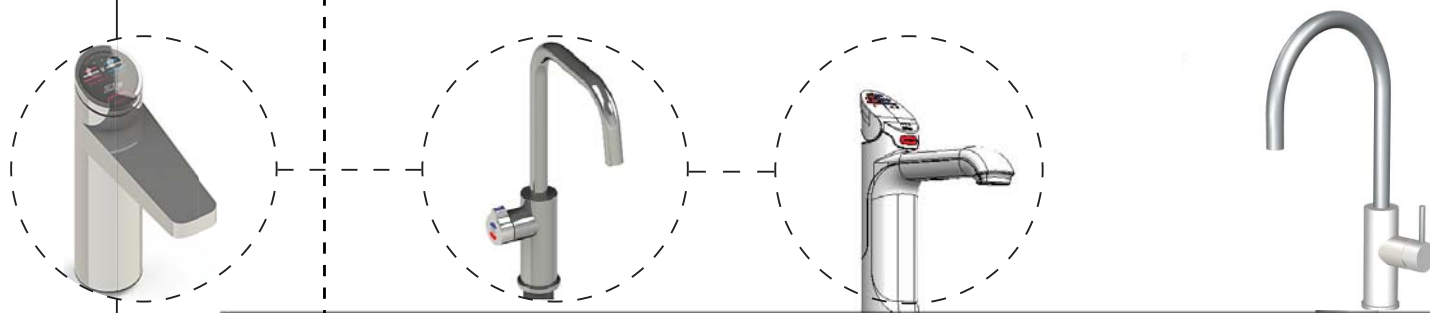
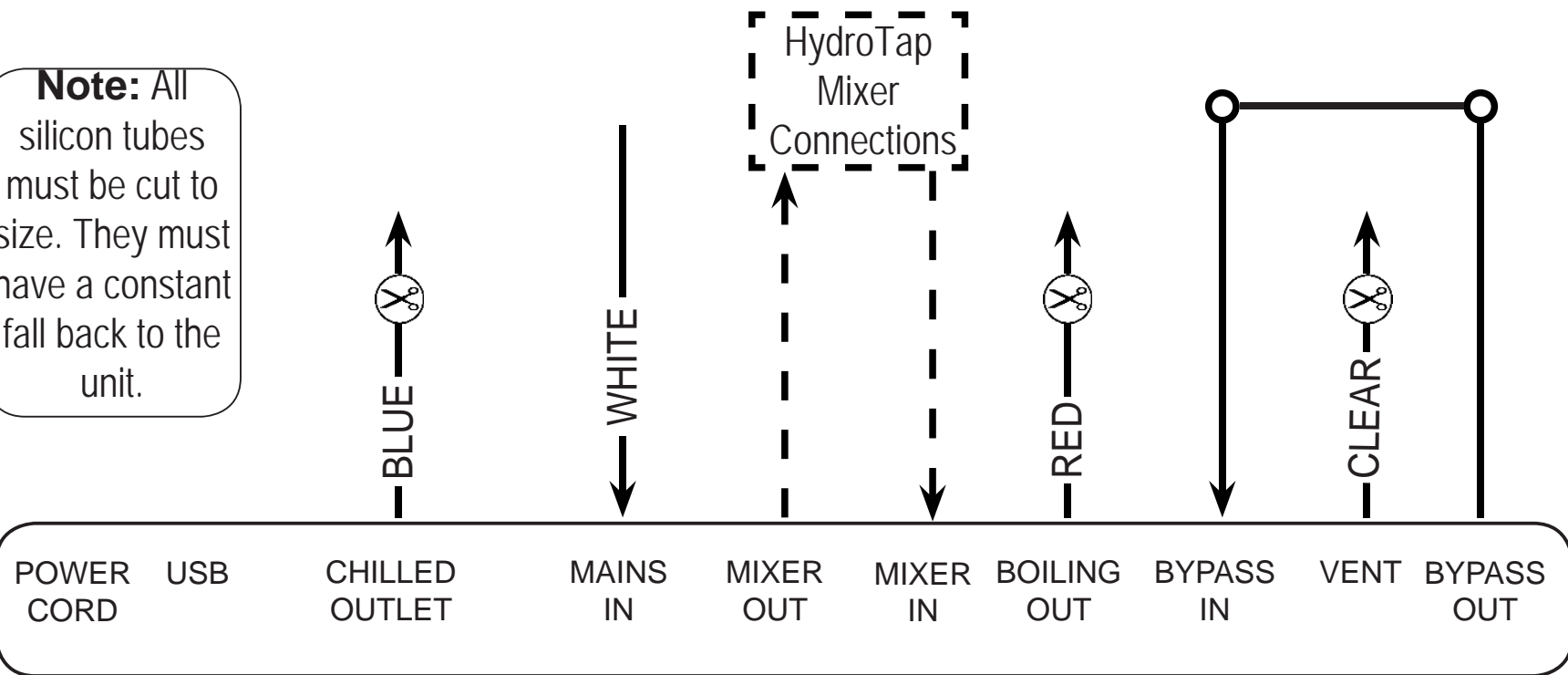
Arc Mixer Tap



3.4

Typical HydroTap 4-in-1 Installation (see section 5)

Note: All silicon tubes must be cut to size. They must have a constant fall back to the unit.



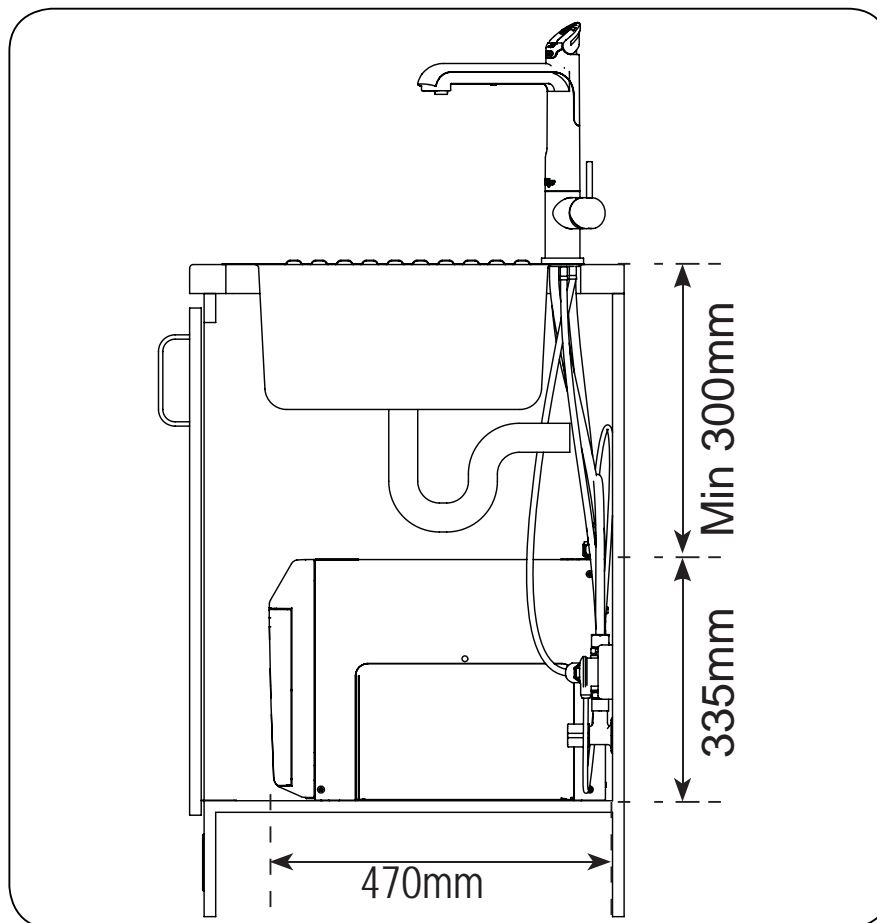
Note:
- Mains hose length is 750mm
- Plug and Cord length is 1800mm

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

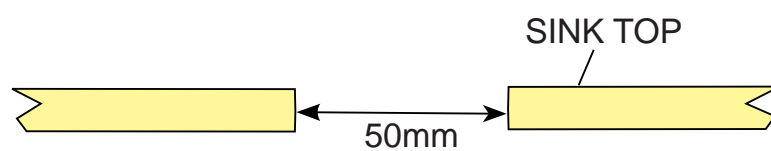
Note: The tube lengths are matched to the pumps performance and therefore CANNOT be lengthened

4 - Classic All-In-One Tap Installation

4.1



4.2



Cut a 50mm hole in the bench / sink top.



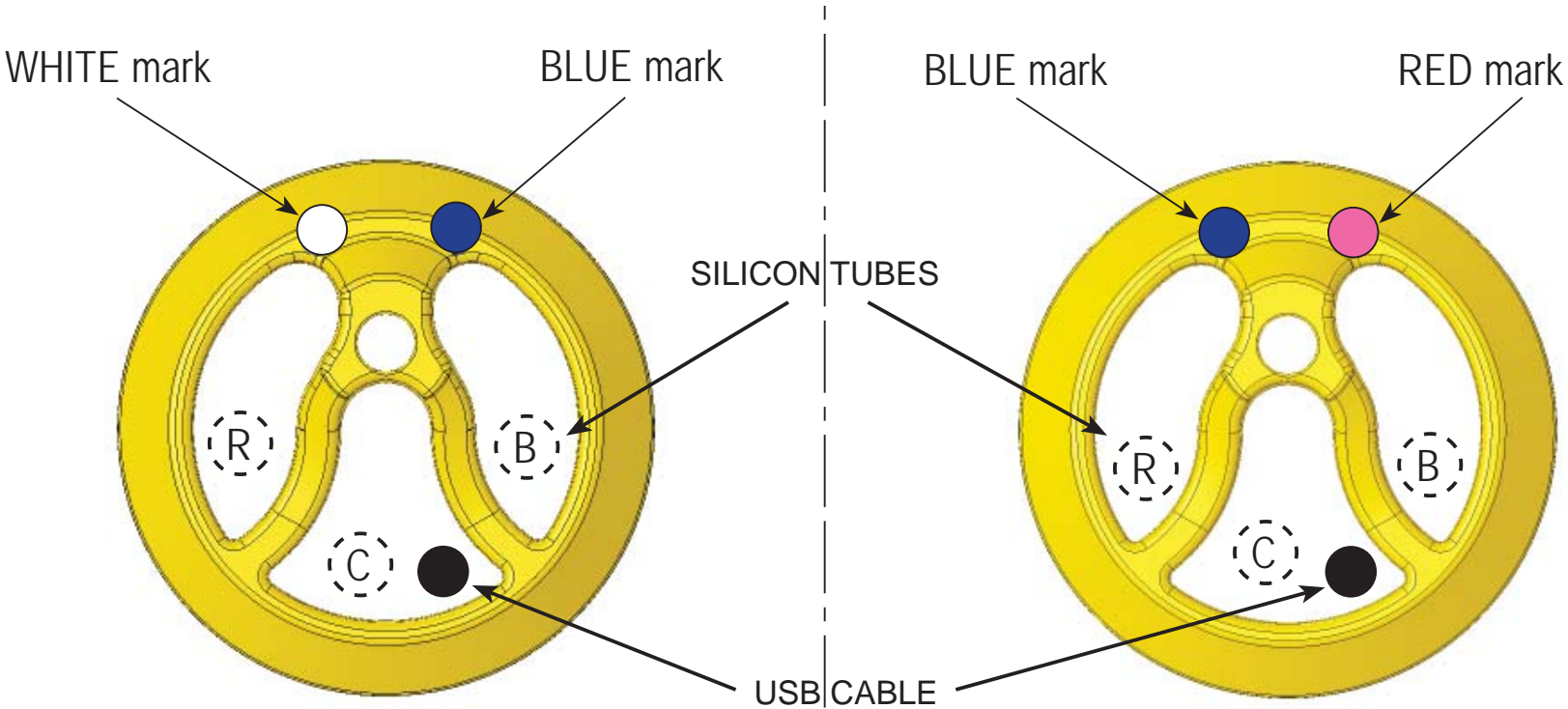
Note: make sure the tap location will allow the nozzle to drain into the sink. (See Page 11)

Installation Procedure

- Fit the seal ring to the base of the tap and If mounting on an uneven surface, 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 alignment with the coloured dots on the clamp block). (See fig 1.16)
- 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 fig. 1.18)
- Test for leaks after all the connections have been secured.

4.3

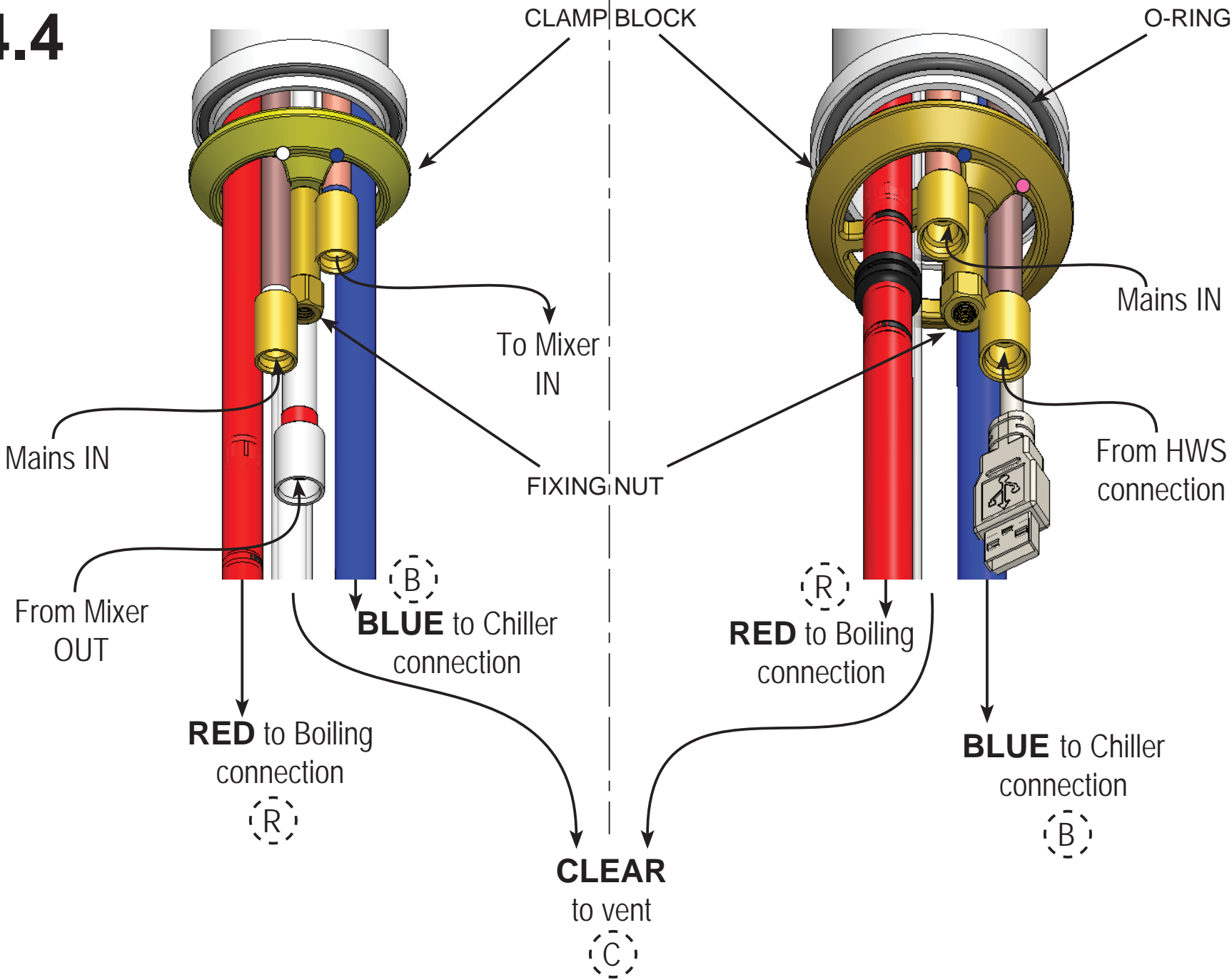
Clamp Block markings and silicon tube positions,
viewed from underneath



AIO Vented assy

AIO Mains assy

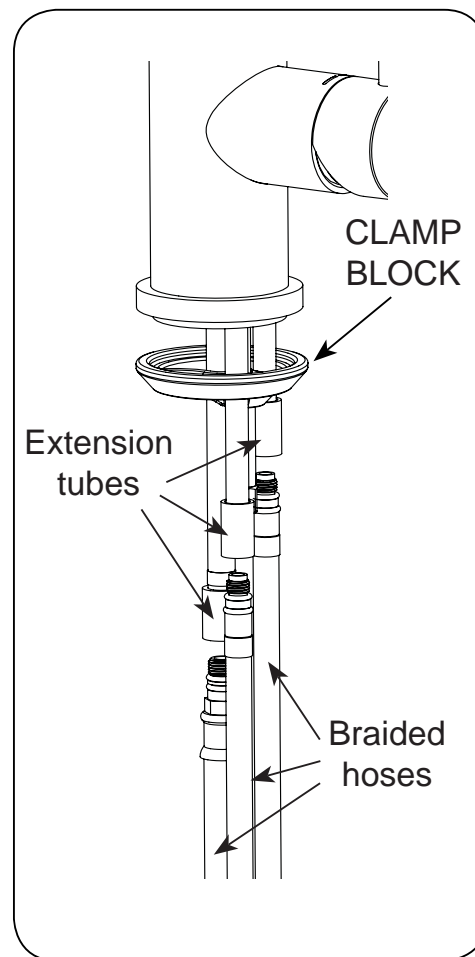
4.4



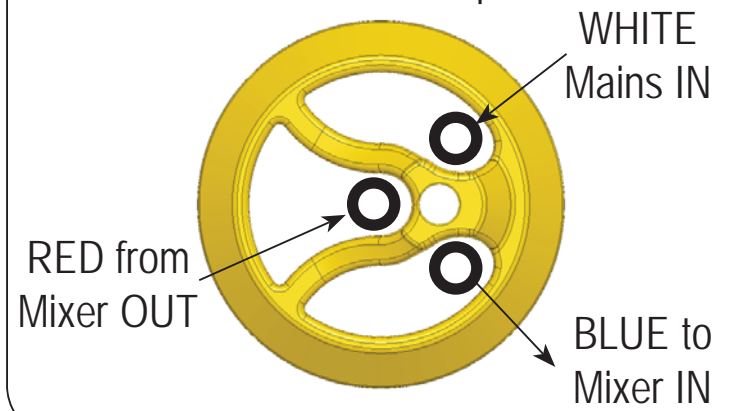
4.5

- Screw the braided hoses into the extension tubes. Ensure the o-rings are lubricated prior to assembly and that the braided hoses, with coloured markings, are correctly matched with the colours on the extension tubes and on the clamp block (as indicated).
- Make sure all tubes and hoses are firmly secured.

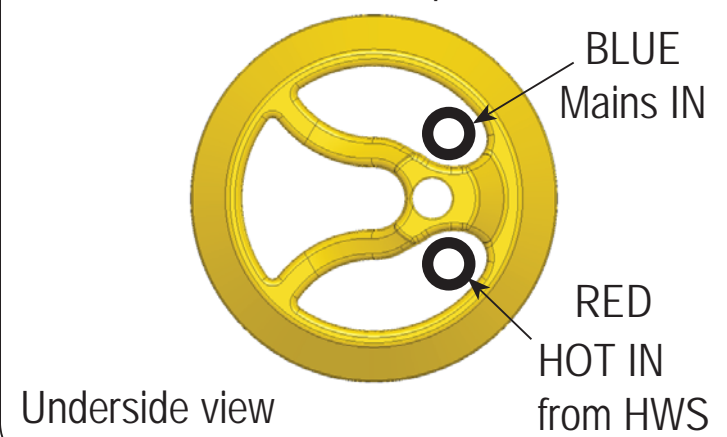
Typical Vented assembly



Vented braided hose positions



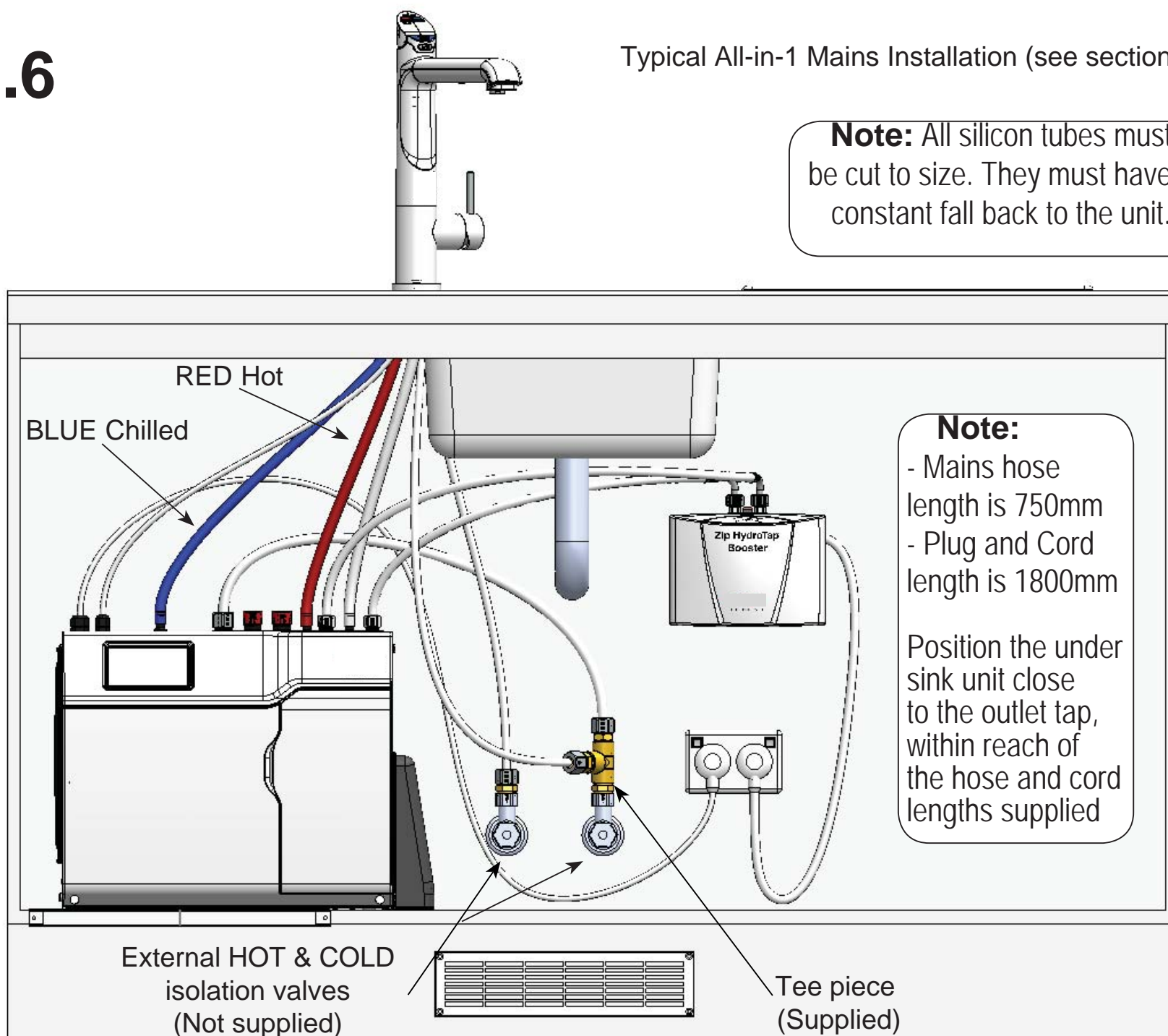
Mains braided hose positions



4.6

Typical All-in-1 Mains Installation (see section 5)

Note: All silicon tubes must be cut to size. They must have a constant fall back to the unit.

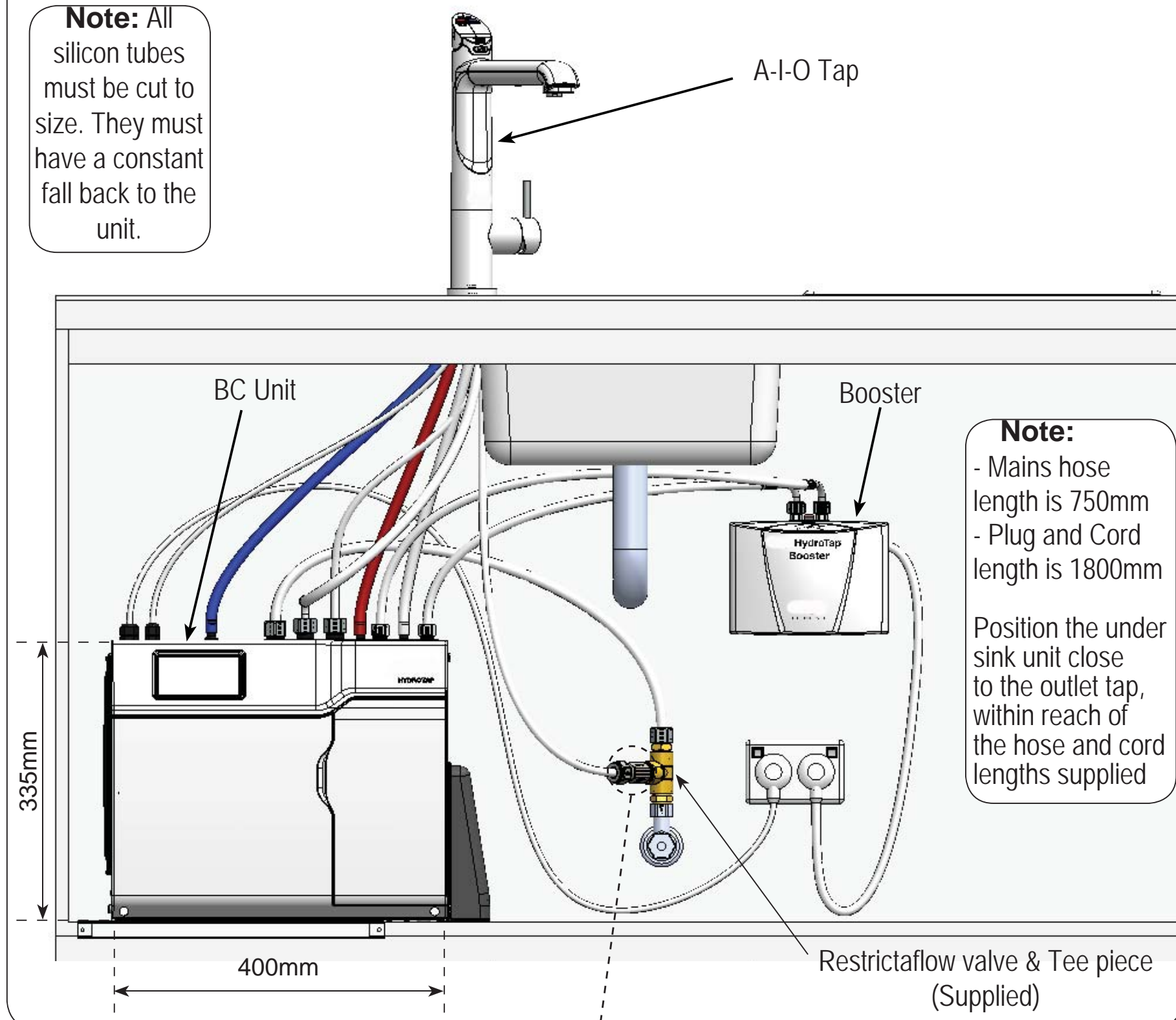


4.7

Typical All-In-One Vented assembly with Booster heater (See section 5)



Note: All silicon tubes must be cut to size. They must have a constant fall back to the unit.



Restrictaflow valve



Note: The All-In-One vented taps require a Restrictaflow valve and Tee piece, as supplied, to be fitted in the cold water supply line, from the isolation valve (Not supplied), to the mixer tap. (See diagrams)

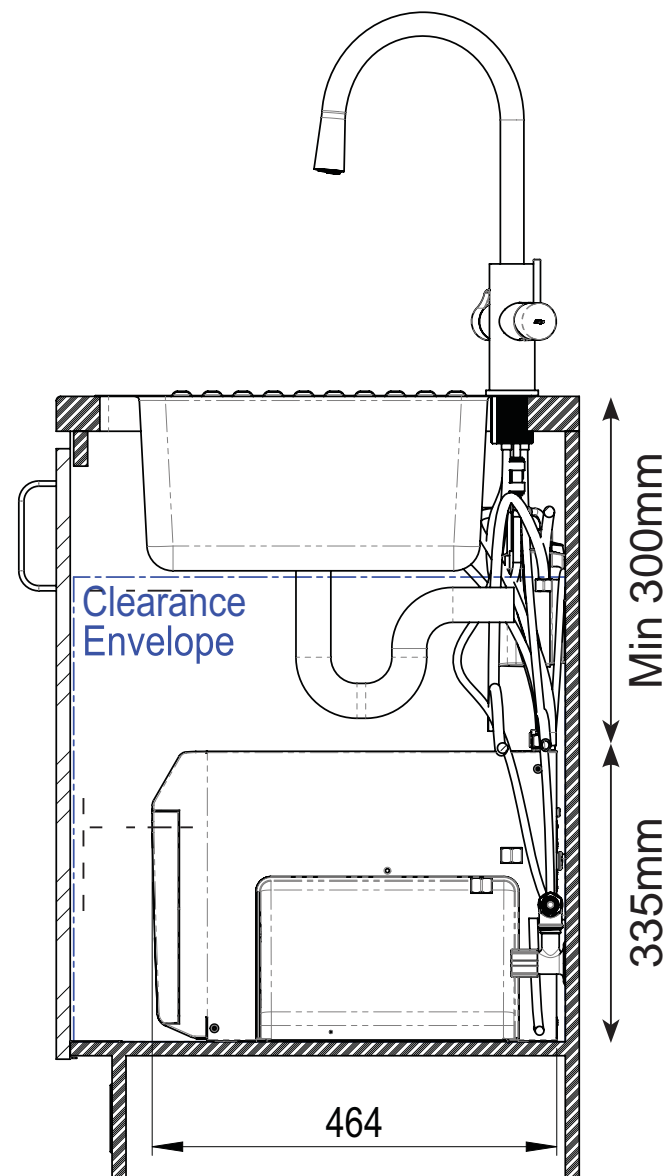
5 - Celsius All-In-One Tap Installation

5.1

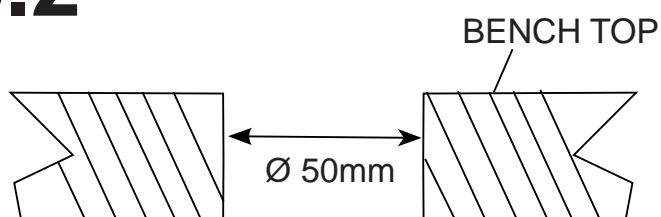
Special Tools Required:

In addition to normal tools, the following will be required:

- 50mm diameter sheet metal hole punch for sink tops. (Not supplied)
- 50mm diameter hole saw for timber bench tops. (Not supplied)
- 54mm AF tube spanner or wrench (Not supplied) for fixing tap assembly.



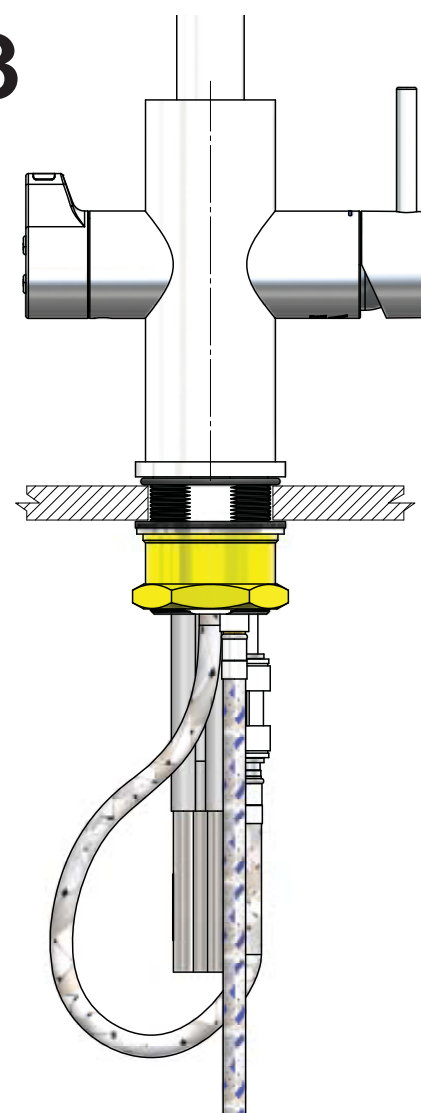
5.2



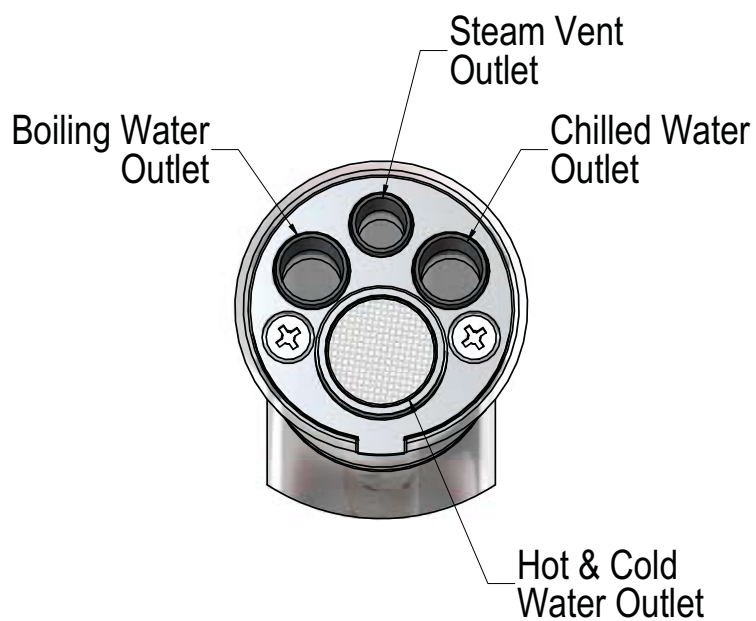
Cut a 50mm hole in the bench / sink top. **Note:** make sure the tap location will allow the nozzle to drain into the sink

- Pass all the hoses, tubes and USB lead through the 50mm hole.
- Ensure the black rubber seal is correctly positioned to give a water tight seal
- Secure the rubber & steel washers and large nut from inside the cupboard space, as shown.

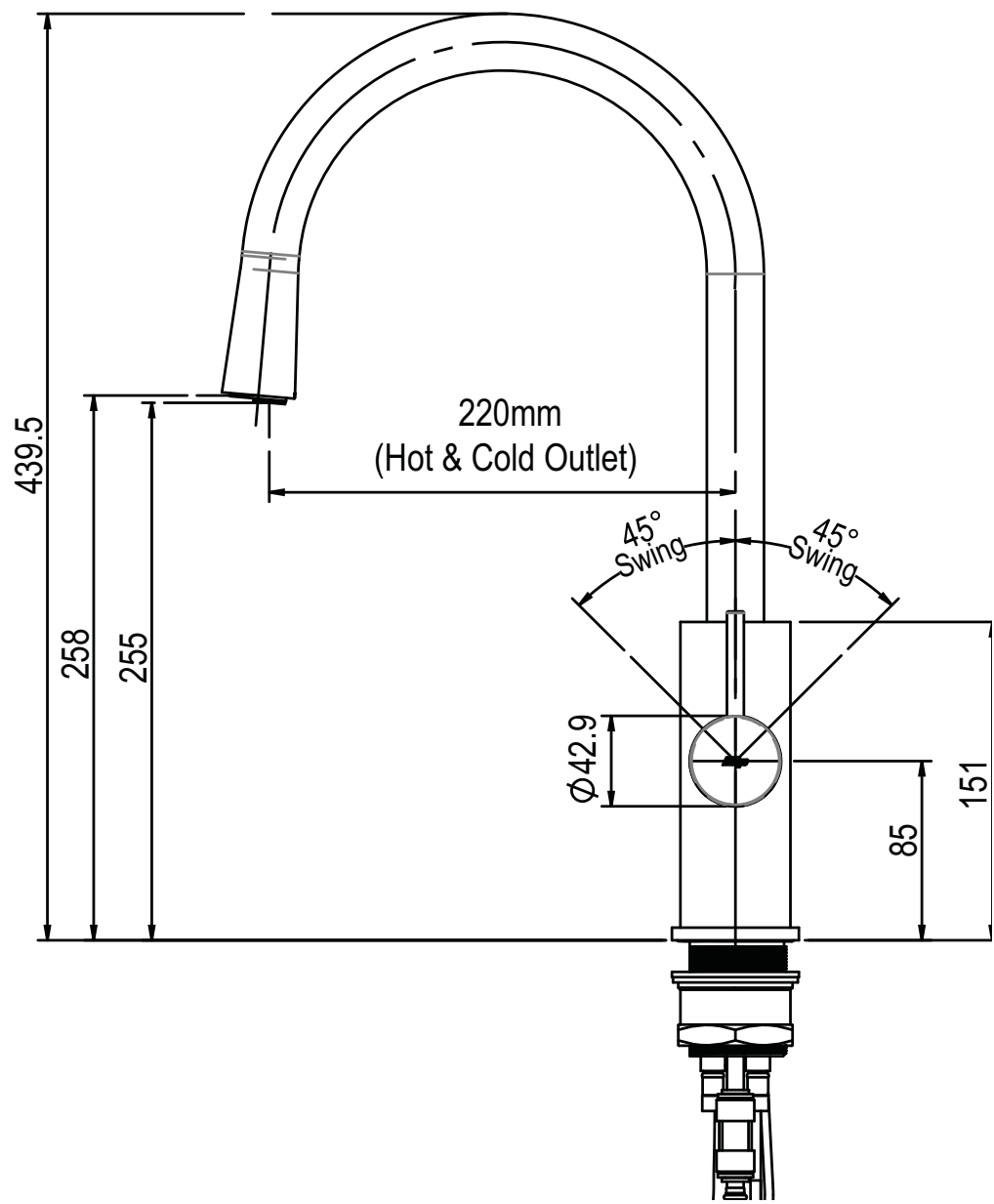
5.3



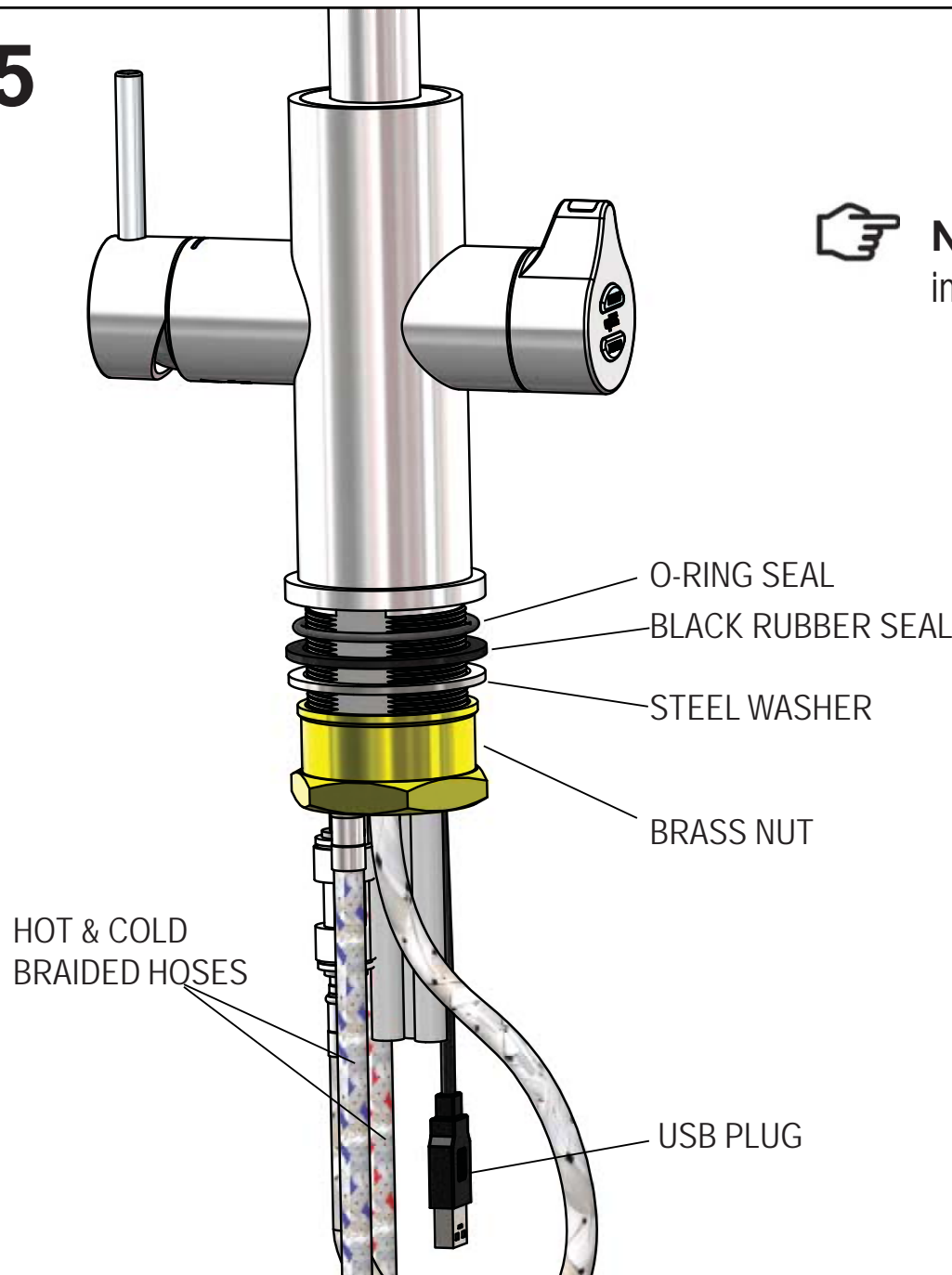
5.4




Underside of spout of Celisus AIO tap.

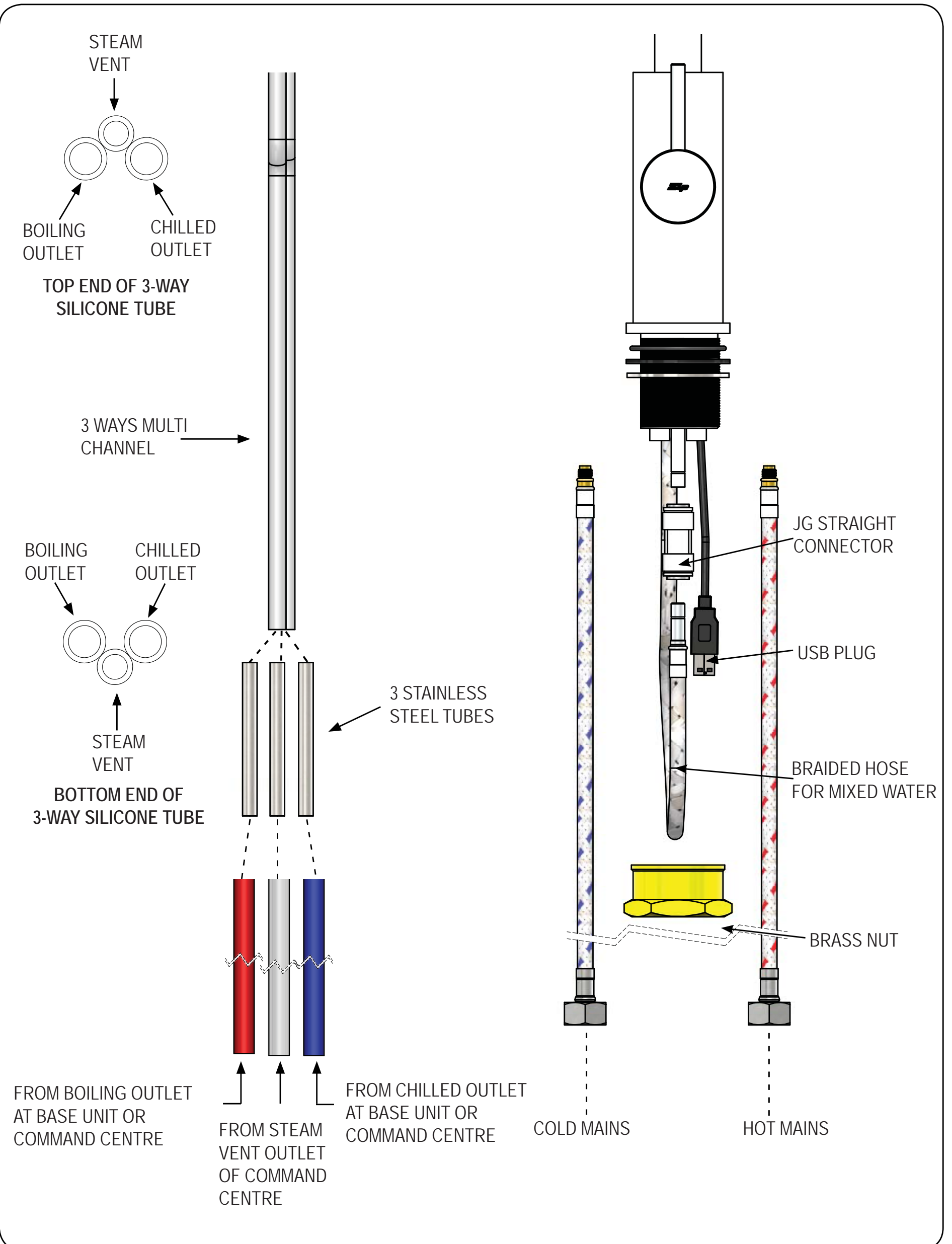


5.5



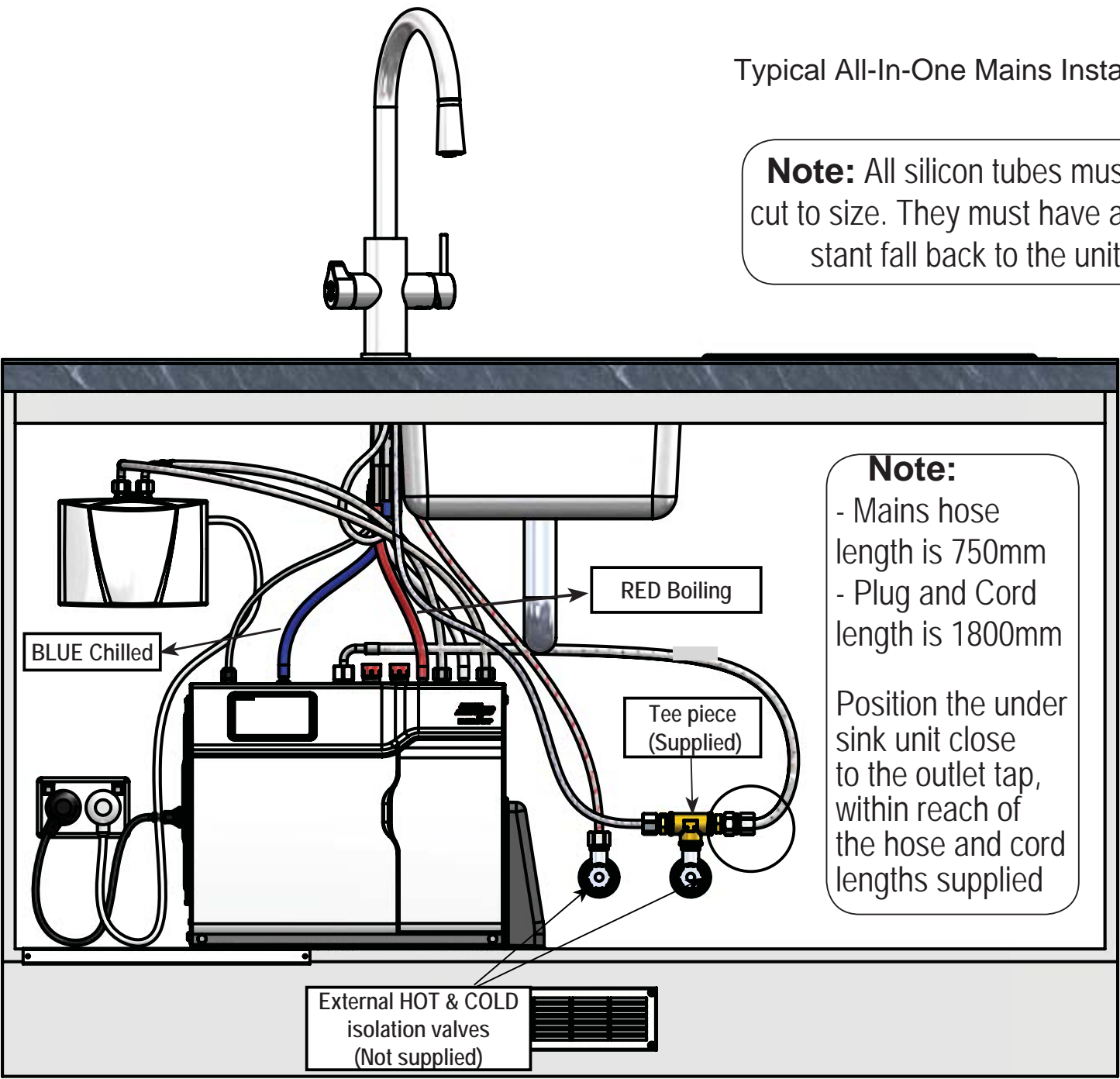
 **Note:** Trim all plastic tubes to minimise any dead leg of water.

5.6 Plumbing Connection



5.7

Typical All-In-One Mains Installation



6 - Celsius Tap Installation

Special Tools Required:

In addition to normal tools, the following will be required:

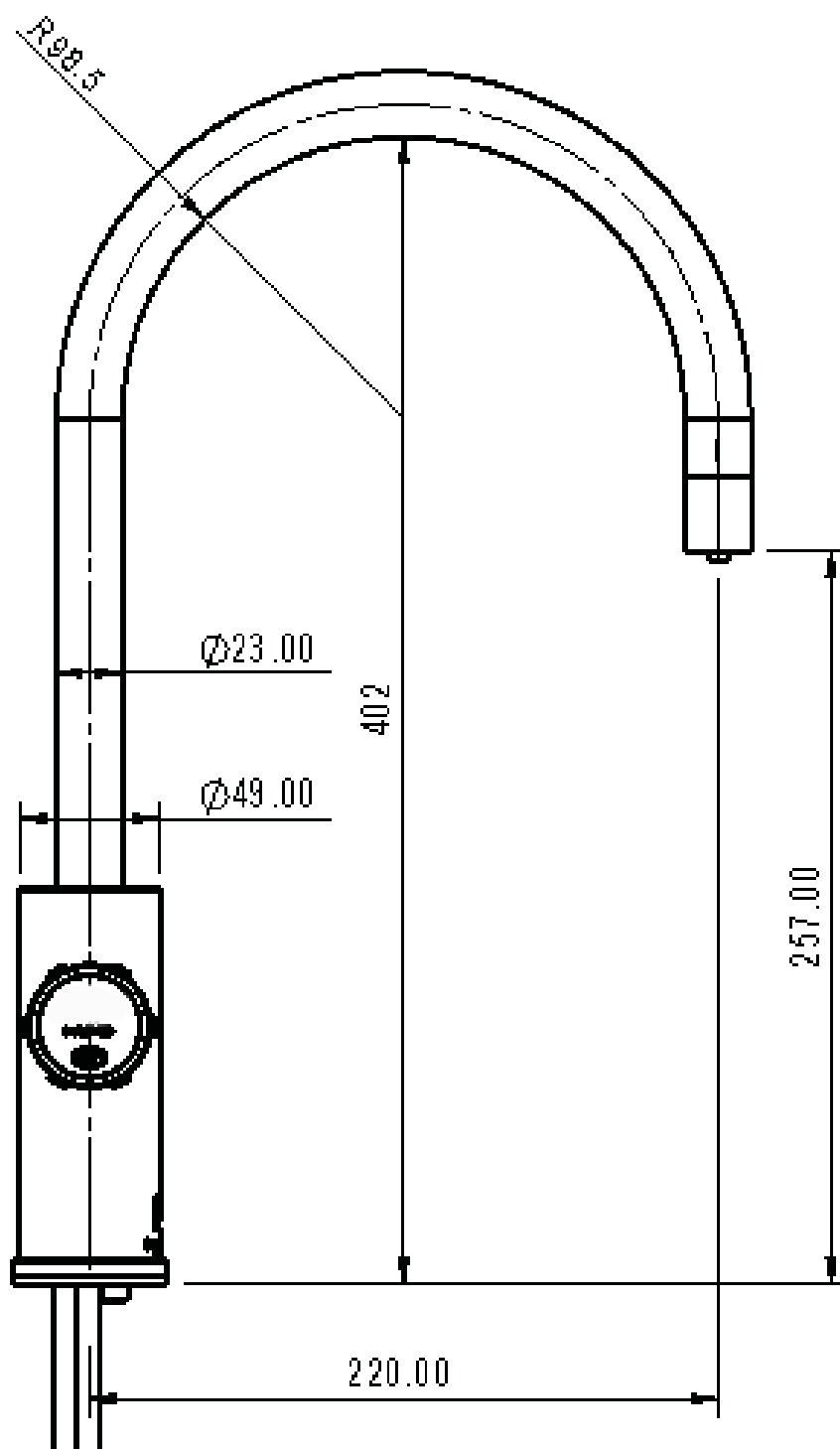
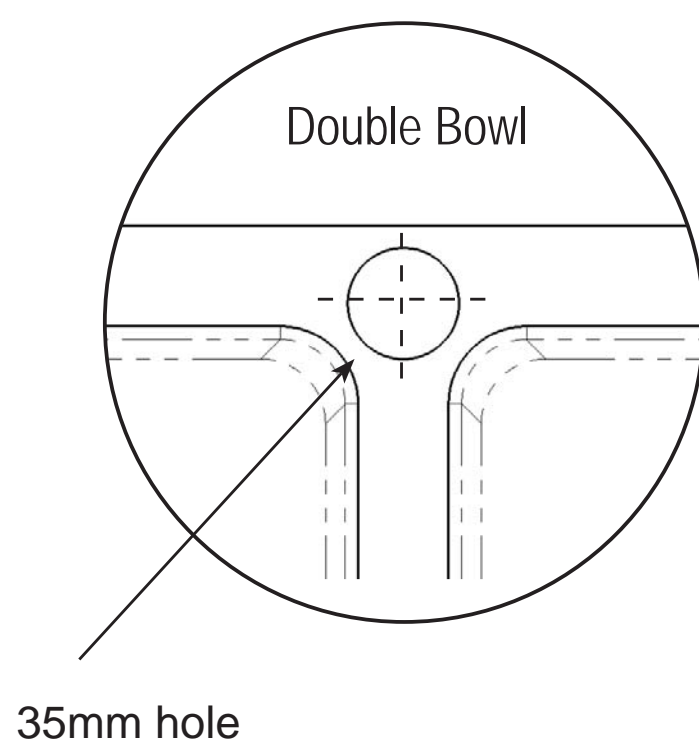
- 35mm diameter sheet metal hole punch for sink tops. (Not supplied)
- 35mm diameter hole saw for timber bench tops. (Not supplied)
- 42mm AF tube spanner or wrench (Not supplied) for fixing tap assembly.



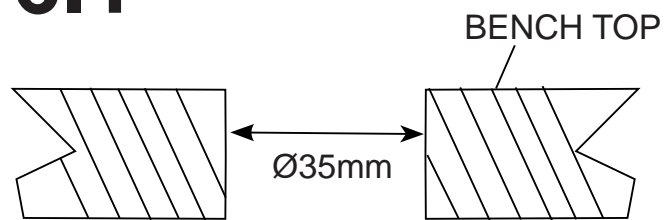
NOTE: Taps are available with ARC or CUBE neck options.

Hole positioning:

Position the tap such that it dispenses into the sink bowl.



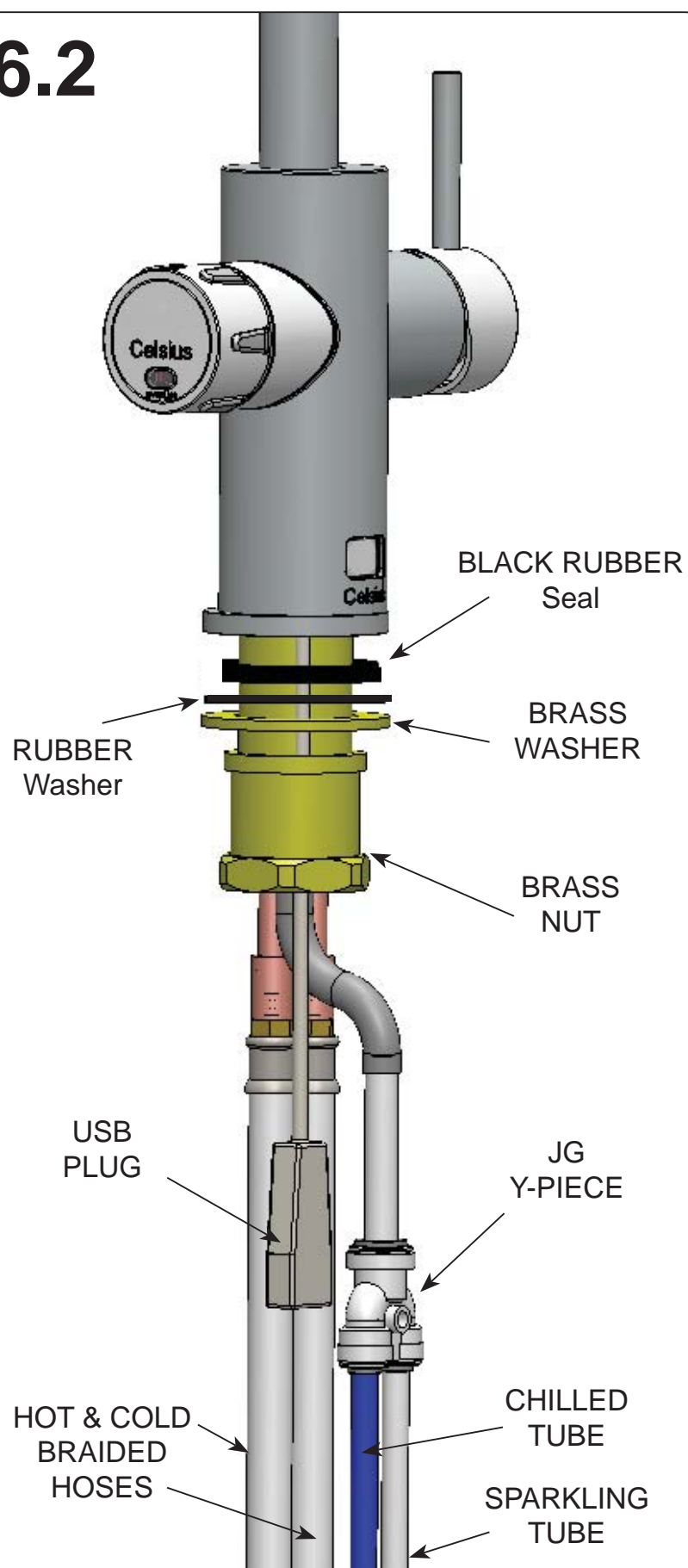
6.1



Cut a 35mm hole in the bench / sink top.

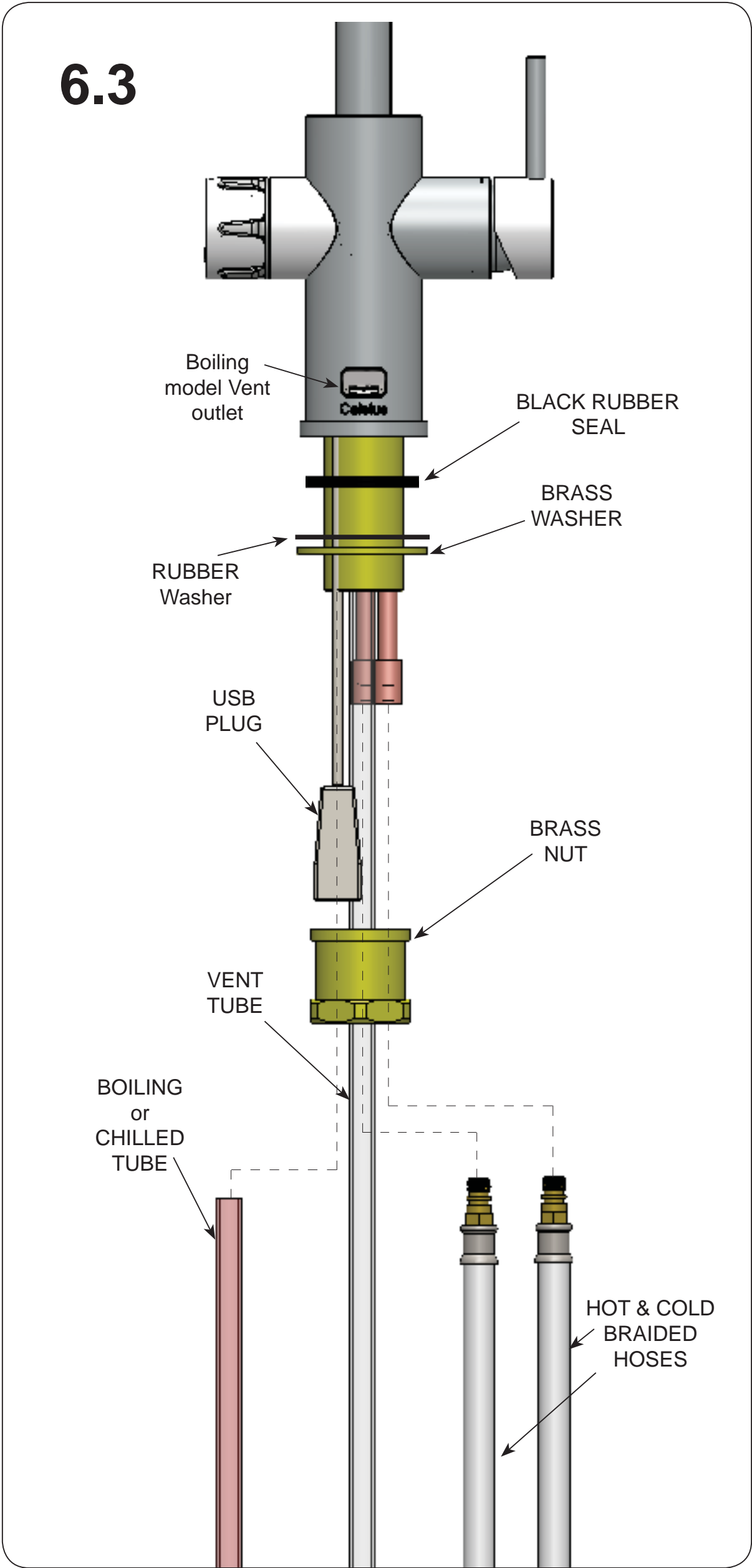
Chilled Sparkling Tap components

6.2



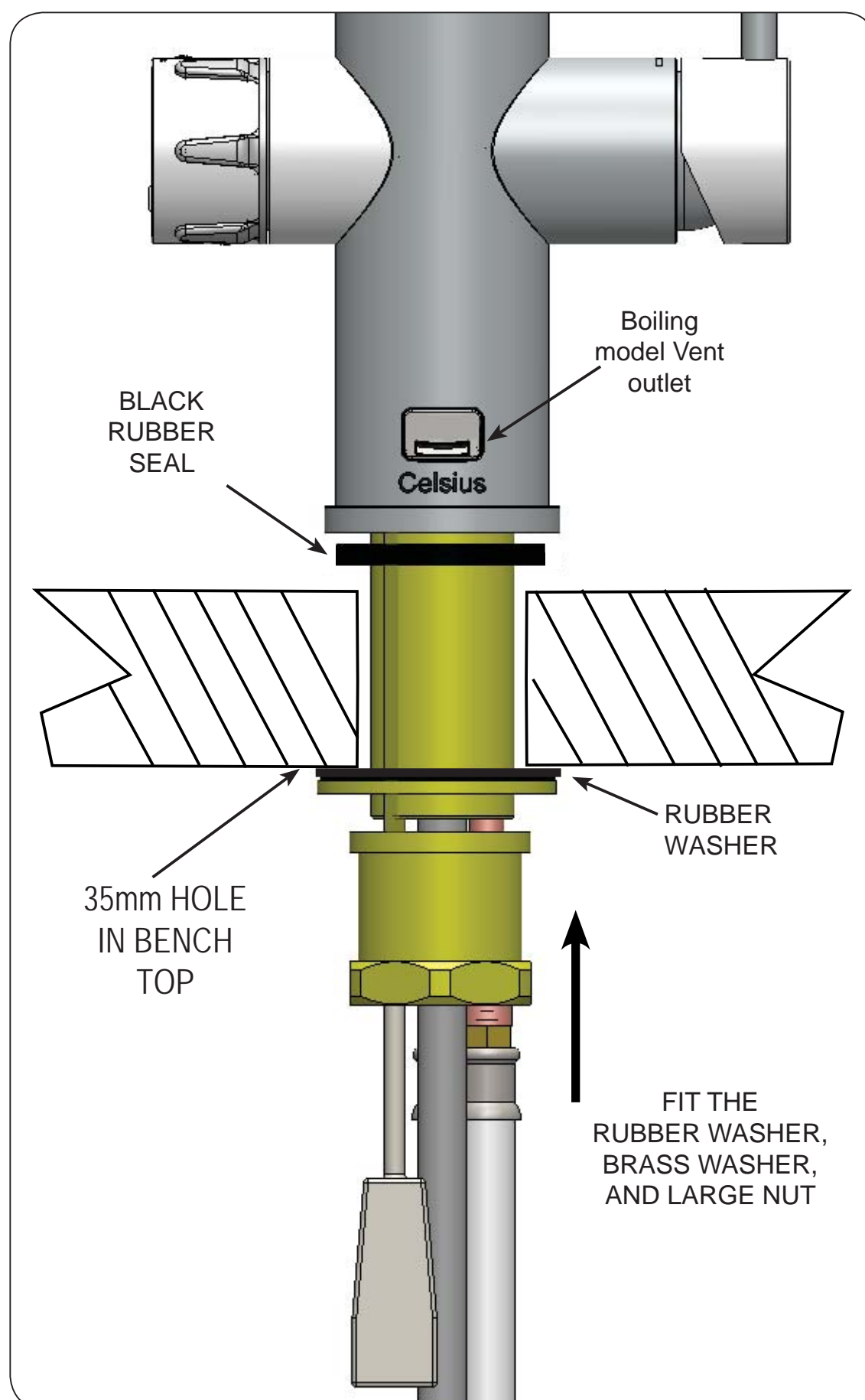
Note: Trim all plastic tubes to minimise any dead leg of water.





6.4

- Pass all the hoses, tubes and USB lead through the 35mm hole.
- Ensure the black rubber seal is correctly positioned to give a water tight seal
- Secure the rubber & brass washers and large nut from inside the cupboard space, as shown.



Head Office

Zip Heaters (Aust) Pty. Ltd.
 ABN: 46 000 578 727
 67 Allingham Street
 Condell Park NSW 2200
 Postal: Locked Bag 80
 Bankstown 1885 Australia

Website: www.zipwater.com

Facsimile: (02) 9796 3858
 Telephone: (02) 9796 3100
 Sales & Service.
 Free Call: 1 800 63 86 33
 Customer Care.
 Free Call: 1 800 42 43 44

NZ Office

Zenith Heaters Limited,
 IRD No. 95 640 729
 Unit 2/15 Moselle Avenue,
 Henderson, Auckland 0610
 New Zealand.

Website: www.zenithheaters.co.nz

Int. Phone: +(64 9) 838 8612
 Telephone: 0800 558055
 Facsimile: 0800 559055

