

Zip HydroTap®

Filtered Boiling and Boiling Ambient drinking water for commercial kitchens and tea rooms.



**Affix Model Number Label
Here
801530**

Zip®
Instant Boiling Water

Notes

HydroTap Specifications

Installation check list	4
General Product Features.....	5
Important Safety Instructions	6
Warnings and Regulatory Information.....	7
Major components and Accessories	8
Technical Specification	9
Before installation and site requirements	10

Installation Instructions

STEP 1 - Measure and cut all the tap holes before fitting the taps

Section 1 - Tap Installation instructions	
1.1 - HydroTap Tap installation	11-13
1.6 - Mixer Tap installation	14-15

STEP 2 - Check for adequate ventilation

Section 2 - Ventilation	
2.1- Details	16

STEP 3 - Install the Booster Heater (if required)

Section 3 - Booster Heater installation	
3.1- Booster Heater specifications and installation	17-19

STEP 4 - Mount the Filter / Softening unit (if required)

Section 4 - Filter / Softener installation	
4.1- Mounting the filter head	20
4.2- Cartridge installation	20

STEP 5 - Install the undersink unit

Section 5 - Undersink Unit Installation	
5.1- Check the external bypass valve setting.....	21
5.2- Fit the mains water supply hose	21
5.3- Model B160.....	22
5.4- Model B240.....	23
5.5- Model BA160	24
5.6- Model BA240	25
5.7- Model BH160 & BAH160	26
5.8- Model BH240 & BAH240	27

STEP 6 - Commission the HydroTap

Section 6 - Commissioning	
6.1- Filter flush	28
6.2- Boiling calibration.....	29
6.3- Booster activation	29
6.4- Safety sensor calibration.....	29

Trouble Shooting

Trouble Shooting Table.....	30
End of life disposal	30
Contact details	32

Installation checklist

Before Installation:

- A. Read the instructions and check if there is adequate space to mount all of the components.
- B. Note: Not all fittings are supplied with the appliance kit. Isolation valves are not supplied.
- C. Check the mains water pressure is between 172 - 700kPa
- D. Check the water quality to determine if extra filtration will be required.
- E. Check the appliance rating plate and ensure correct power is available for the appliance.
- F. Check the under counter cupboard supporting the appliance is adequate for the total weight of the appliance, when full of water.

Before Commissioning:

- 1. Check the unit has been installed correctly.
- 2. Check all plumbing fittings have been tightened.
- 3. Ensure the outlet and vent pipes are positioned to drain correctly.
- 4. Ensure there is adequate ventilation.
- 5. Check all tubes from the undersink unit to the tap, have a constant rise and there are no sags or kinks in the hoses.
- 6. Check all electrical connections are correct and there are no loose wires.

Commission: (See section 6)

- 7. Flush the supply line before connecting.
- 8. Turn on the water and check for leaks.
- 9. Flush the filter(s).
- !0. Where applicable, programme the unit to suit the customer's requirements.

General Product Features

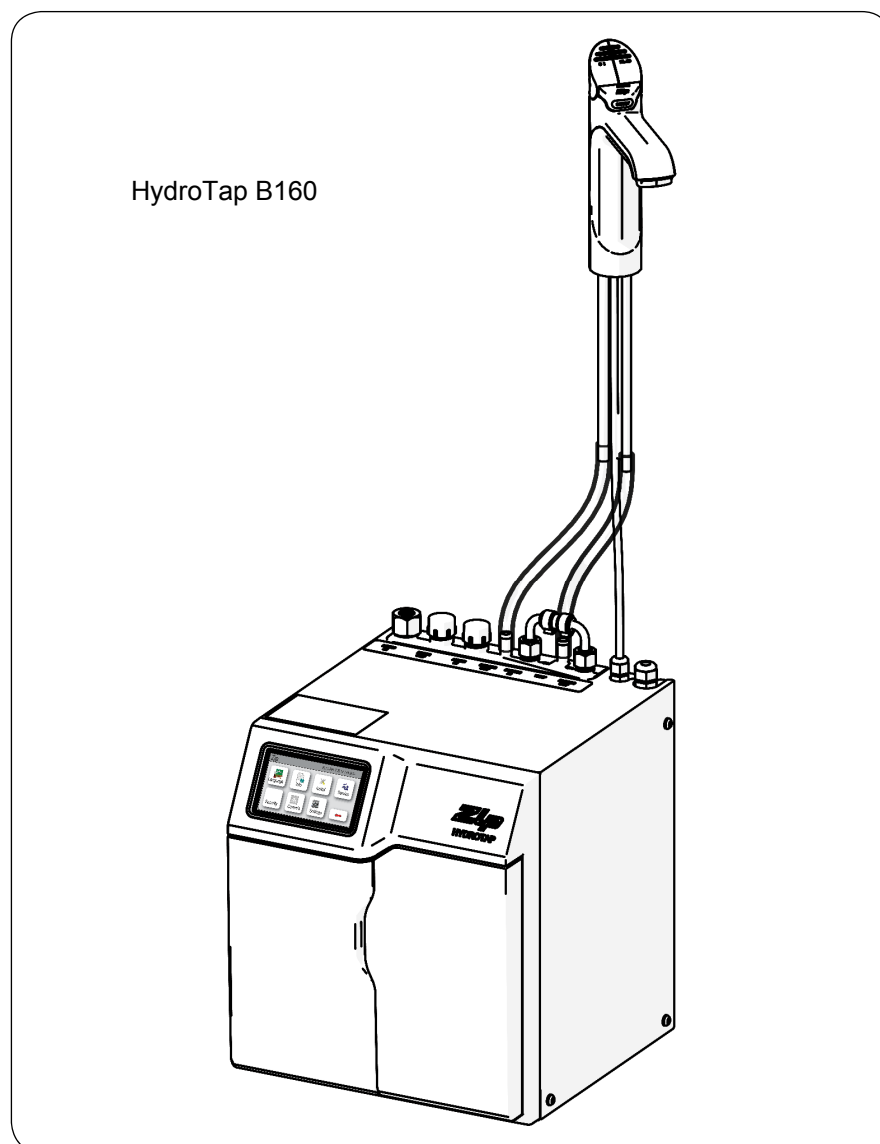
Thank you for purchasing a Zip HydroTap. Please read and follow these instructions carefully to ensure safe operation and trouble free service. If service is required, please call 1800 460 222

What is the Zip HydroTap ?

The HydroTap units are under bench drinking water appliances with a dispensing tap mounted on a sink or bench, which may be used for residential or commercial applications. The HydroTaps utilise an immersion heating element to boil the water. These units dispense boiling water (factory set to 98°C) and ambient water. The HydroTaps are NOT designed to be used for sanitary fixtures.

The Boiling water units are fitted with a tap mounted, child safety lock. In addition, there are various energy saving options accessible via the main menu. Each unit is equipped with a self-calibrating program which caters for altitude adjustment. The water filter is a disposable item which will require periodic replacement and is covered by a limited OEM warranty.

The Zip HydroTaps are electronically controlled, filtered, Boiling water and Ambient water drinking systems for kitchens and tea rooms. It is important that the installation be done safely, correctly and completely, in order to utilise all the benefits the HydroTap can provide. Each unit can be ordered with the Tap Head Assembly for Disabled use. The disabled levers are supplied with Braille caps for the visually impaired.



Important Safety Instructions

This manual contains important safety, installation instructions for the Zip HydroTap G4.

This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety. Children should be supervised to ensure that they do not play with the appliance.



For products sold in Europe, this appliance can be used by children aged from 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved. Children shall not play with the appliance. Cleaning and user maintenance shall not be made by children without supervision.

Qualifications

If the power cable is damaged it must be repaired only by a qualified technician. To avoid hazards, all installation procedures must be carried out by a suitably qualified tradesperson. The power cable and power outlet must be in a safe visible position for connection.

Venting

Sometimes steam may discharge through a vent outlet at the tap. If the tap is not installed using the Font pedestal, ensure the tap body is located so the tap outlet safely dispenses into the sink bowl area.

Lifting

Take care when lifting the Zip HydroTap unit. Some units may exceed safe lifting limits. If you feel this is beyond your personal capabilities, please seek assistance with the lift. The weights of the units are marked on the packaging. Do not lift the unit by the front cover or any connections at the top rear of the unit. Refer to section 1.2 technical specification for the weight of your product.

Airflow

The ambient temperatures this unit should operate within are 5°C - 35°C. Proper air circulation must be provided. The system will operate satisfactorily only if the recommended air gaps of 50mm on each side are provided. See technical specifications for correct installation to prevent overheating.

Altitude

Water boils at varying temperatures at different altitudes. Your HydroTap adjust for this during startup calibration and will recalibrate itself on a regular basis.

Frost Protection

If this appliance is located where the ambient air temperature could fall below 5°C when the heater is not in use, do not turn off the appliance electrically. This safeguard does not offer the same protection to the connecting pipework and fittings.

Positioning

It is important to ensure the undersink unit is positioned in an accessible area close to the floor level. The unit must have its base mounted in a horizontal position with all inlets and outlets facing up. The Tap must be located above the undersink unit. See page 12 for details.


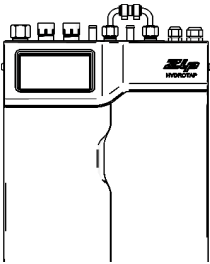

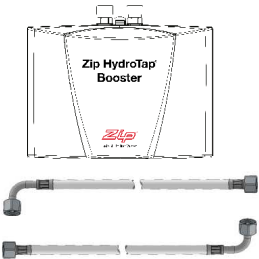

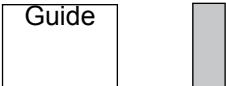

Important Safety Instructions

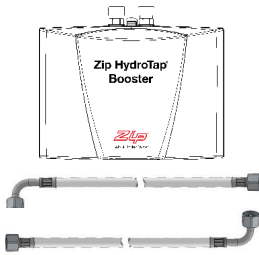

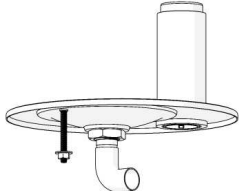

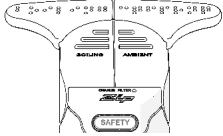



WARNINGS

1. The Zip HydroTap unit must be earthed. The resistance of the earth connection from each exposed metal part must be less than 1 ohm.
2. All Installation and service work must be completed by trained and suitably qualified Tradespeople. Faulty operation due to unqualified persons working on this product, or any other Zip product may void warranty coverage.
3. All Plumbing must comply with AS/NZS3500.
4. All Electrical must comply with AS/NZS3000
5. All Plumbing and Electrical connections must be made in accordance with local regulations.
6. This HydroTap product is rated for 230V 50Hz AC operation.
7. Undersink units must never be located near, or cleaned with water jets.
8. Zip HydroTaps are not to be exposed to the elements of nature
9. Due to the process of continuous improvement, Zip Heaters reserves the right to change details mentioned in this manual, without notice.

Major components and accessories

Parts supplied	Description
	1 off HydroTap Tap with hoses
	1 off HydroTap Undersink Unit with water filter
	1 off Mains water connection hose
	1 off HydroTap Booster Heater & hoses. (supplied with 240 /175 models)
	1 x Restrictaflow valve and Tee piece for Mixer taps
	1 x User guide and 1 x Quick start guide
	1 off Installation instructions (This book)

Accessories	Description
	HydroTap Booster Water System with connection hoses
	Softener and head assembly
	Font Kit
	Replacement Filter
	Disabled lever Kit
	3-in-1 and 4-in-1 Upgrade Kits

Technical Specifications

Model	Cups of Boiling Water per Hour
B	160

Commercial Models:

B = Boiling and Chilled, Filtered,

BA = Boiling ambient

BH = 3-in-1

BAH= 4-in-1

D = Disabled lever controls, (Order as an option)

Note: the Cup measurement =167ml

Product covered by these instruction:

	Capacity Boiling (cups)	H/T Tap *Filtered	Boost (10A)	GPO's Required	Power Rating (kW)	Boost Rating (kW)	Unit Dimensions W x D x H (mm)	**Dry Weight (Kg)
Boiling Only								
B160	160	Yes	no	1x10A	2.2	NA	280 x 313 x 335	8
B240	240	Yes	yes	2x10A	2.2	2.2	280 x 313 x 335	8
Boiling Ambient								
BA160	160	Yes	no	1x10A	2.2	NA	280 x 313 x 335	8
BA240	240	Yes	yes	2x10A	2.2	2.2	280 x 313 x 335	8
3 in 1								
BH160	160	Yes	no	1x10A	2.2	NA	280 x 313 x 335	8
BH240	240	Yes	yes	2x10A	2.2	2.2	280 x 313 x 335	8
4 in 1								
BAH160	160	Yes	no	1x10A	2.2	NA	280 x 313 x 335	8
BAH240	240	Yes	yes	2x10A	2.2	2.2	280 x 313 x 335	8

* Water from the H/T Mixer tap is unfiltered

** Add an extra 3-4 kg when full of water

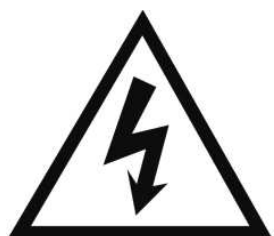


Before installing ensure that the following have been provided at the Installation site:

- Review all the technical specifications.
- Ensure the underbench can support the product weight when full of water ,
(allow an extra 3-4kg when full.)
- Sufficient space in the cupboard to install all of the undersink units in accordance with these Installation Instructions. Refer to technical specification for dimensions. Make allowance for a booster heater and / or water softener if required. Refer to section 3 & 4, for Installation instructions.
- For Zip HydroTap 160 models, a 220-240Vac, 10A GPO will be required. For Zip HydroTap 240 models, two 220-240Vac, 10A GPOs will be required. (One GPO is for the Zip HydroTap and the other for the Booster heater).



NOTE: Check all cable and hose lengths against inlet /outlet positions before proceeding (See section 5 for general layout).



- A potable water supply connection with isolating valve inside the cupboard within reach of the braided hoses and positioned so that the connection point and the stop cock will not be obstructed when the undersink units are installed.
- If an external filtration or water softening device is required, then it is important to allow extra space for these items.
- A cold water supply with a minimum working pressure of 172kPa and a maximum working pressure of 700kPa connected via an isolation valve.
- The appliance must be placed with it's base in a horizontal position.



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

Section 1

Tap installation

Special Tools Required:

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

For the standard and Mixer taps:

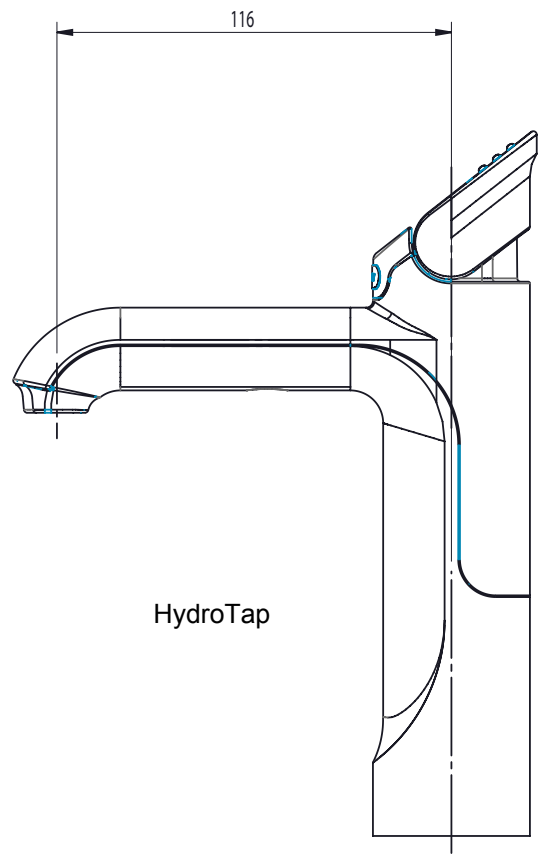
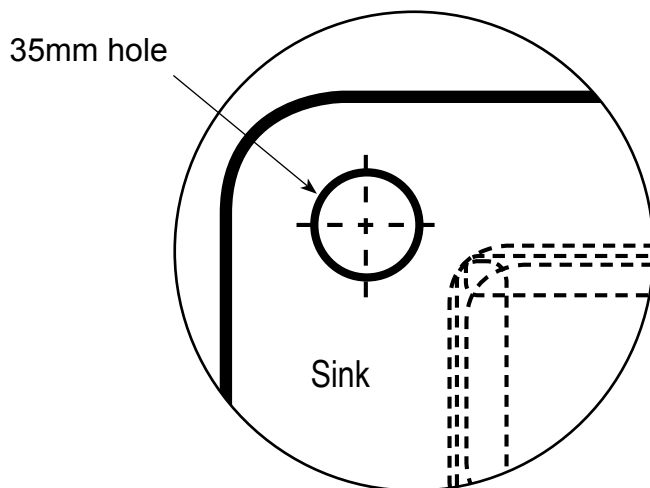
- 35mm diameter sheet metal hole punch for sink tops. (Not supplied)
- 35mm diameter hole saw for timber bench tops. (Not supplied)
- Nut runner tube spanner (supplied) for fixing tap assembly.

When installing a font unit, the following will be required:

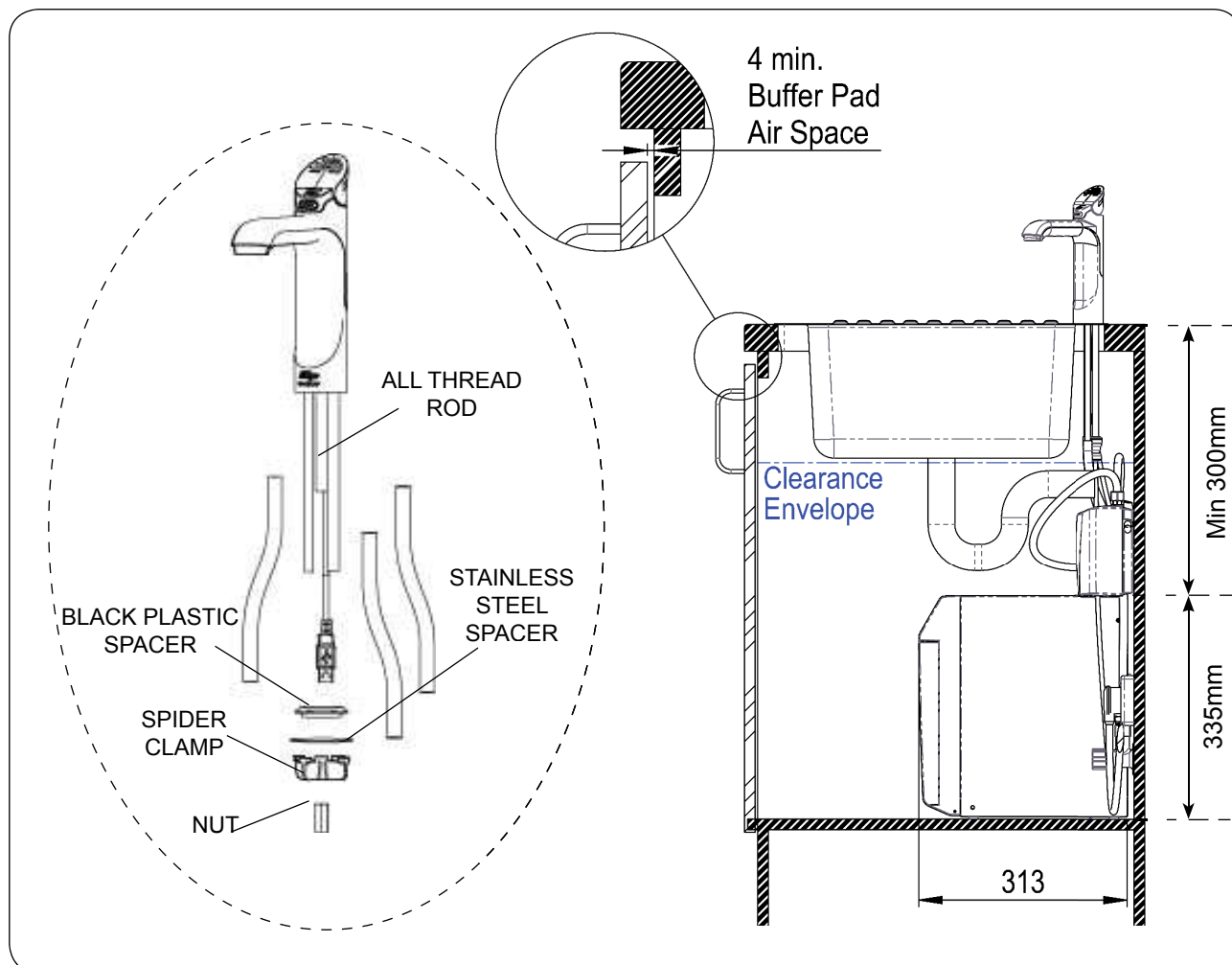
- 108mm diameter sheet metal or hole saw to suit surface being cut.

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 Zip Font, available as an accessory.

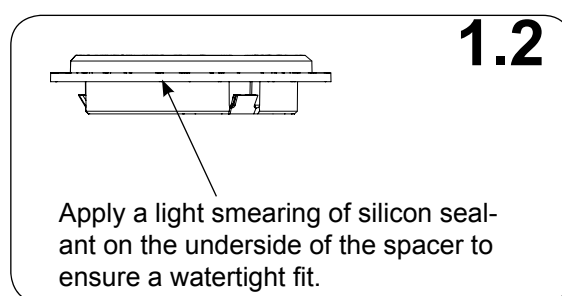
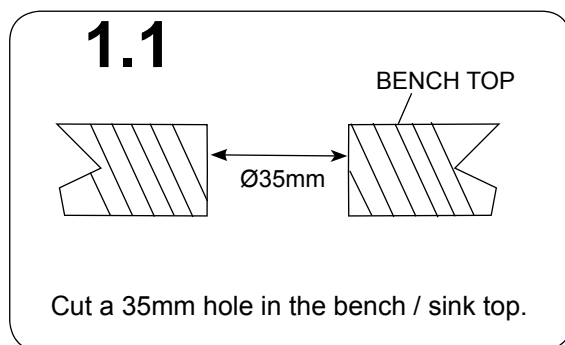


HydroTap Tap installation



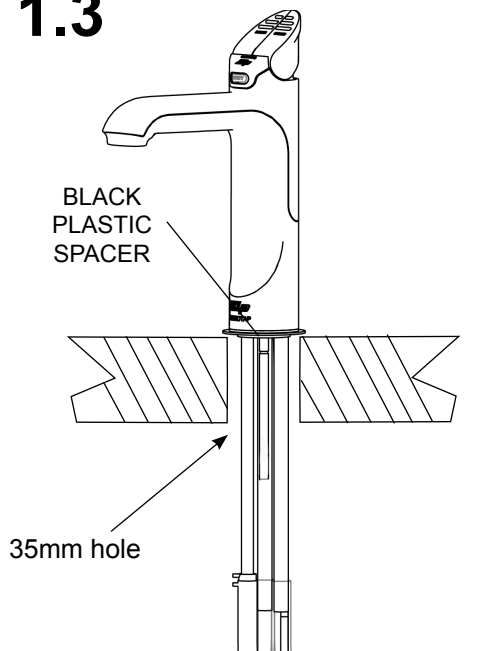
Tap assembly exploded view

kitchen layout side view



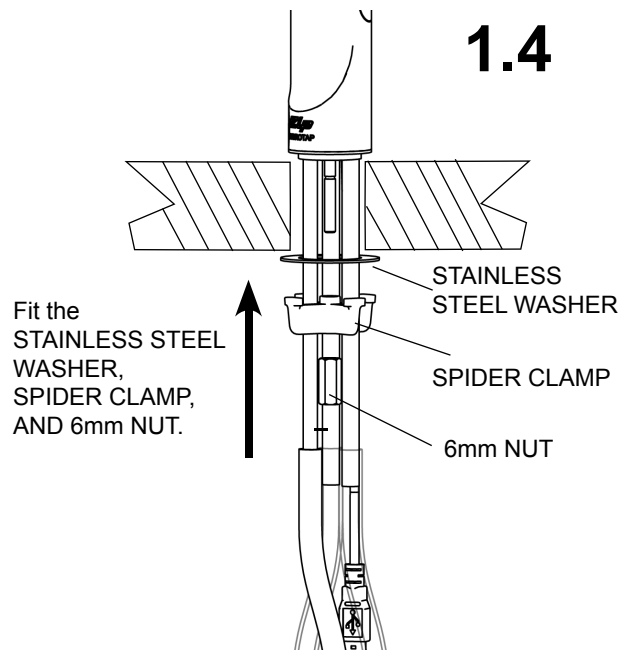
Installation Instructions

1.3

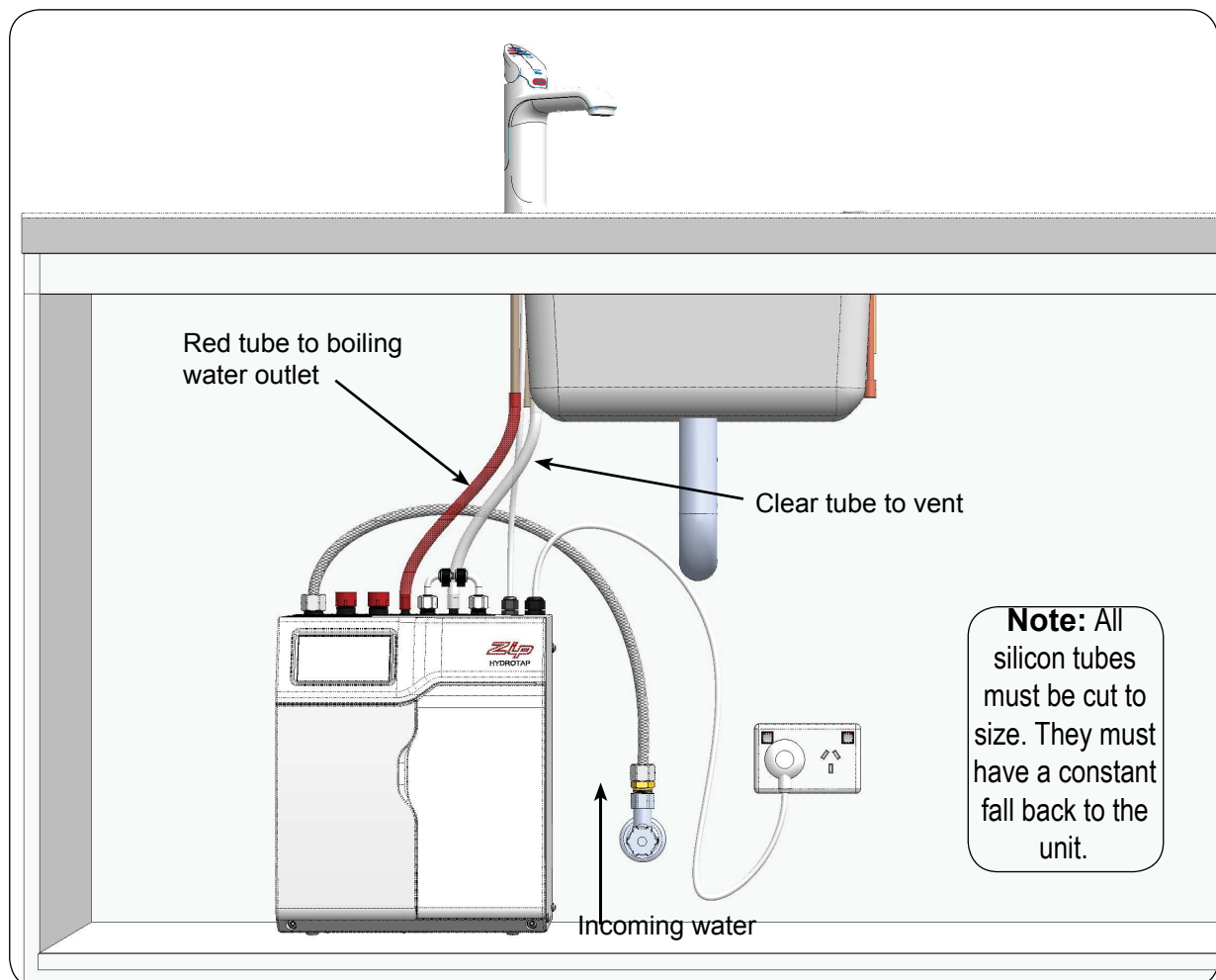


Pass all the hoses, tubes and USB lead through the 35mm hole.

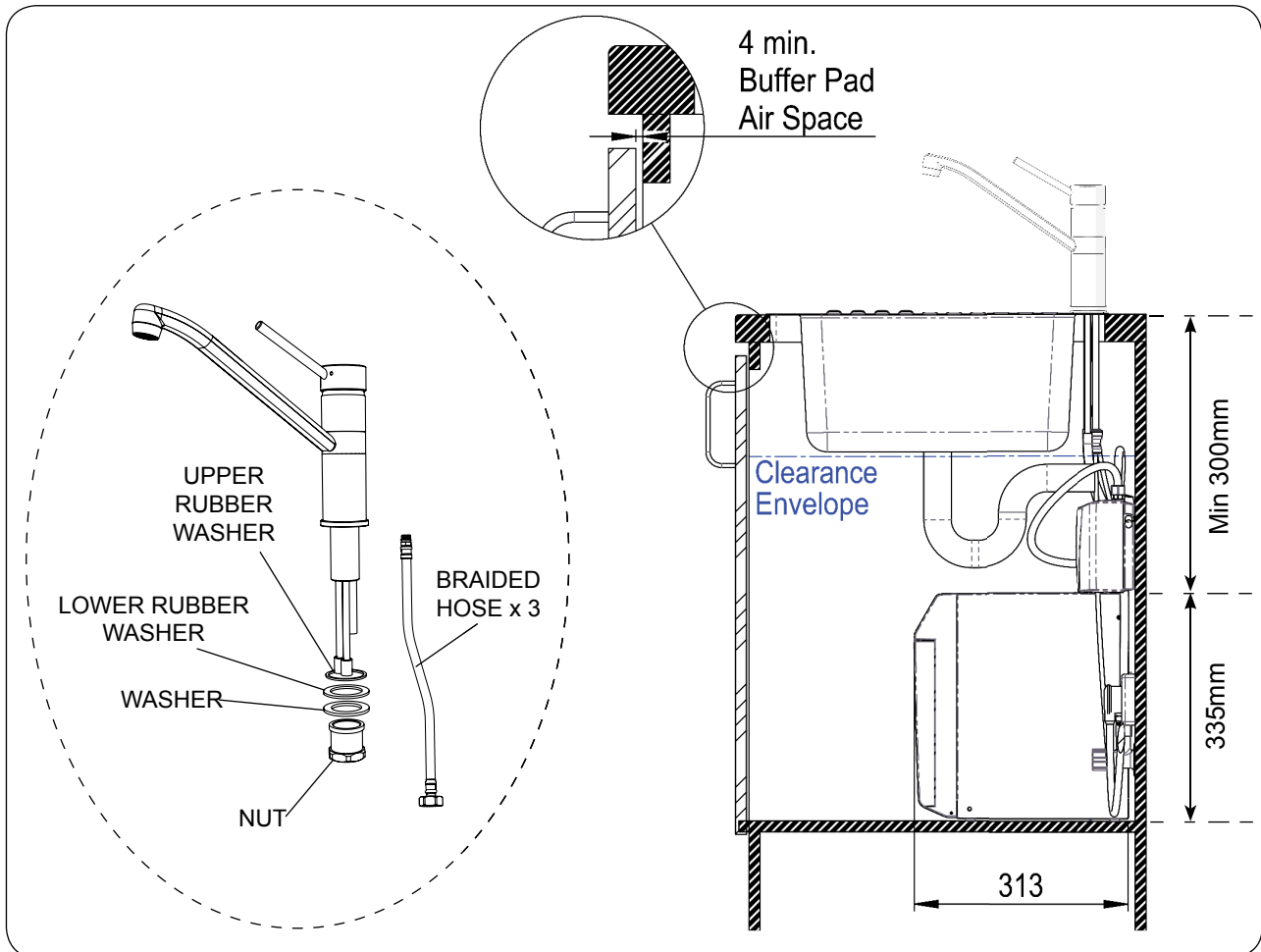
1.4



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



Mixer Tap installation



Tap assembly exploded view and kitchen layout side view.

1.6

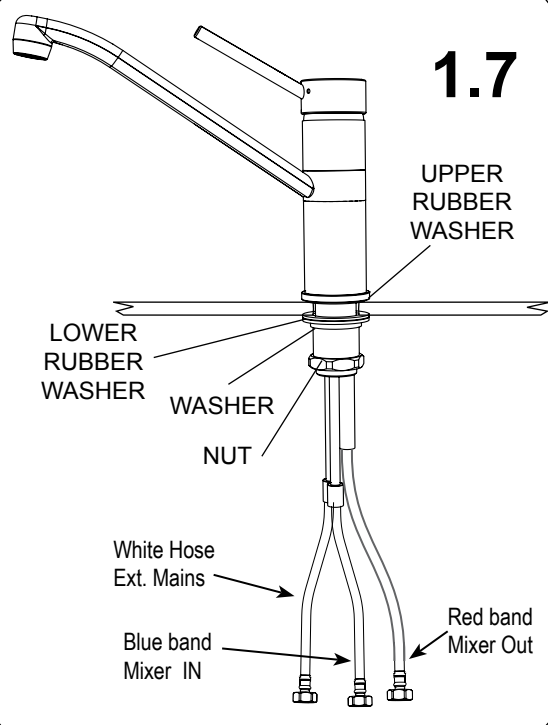


Cut a 35mm hole in the bench / sink top.

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



1.7



Note: The mixer tap requires a Restrictaflow valve to be fitted in the cold water supply line, from the isolation valve tee piece, to the mixer tap. (see diagrams)

Installation Instructions

Typical 3-in-1 and 4-in-1 installation (see section 5)

1.8

HydroTap
Mixer
Connections

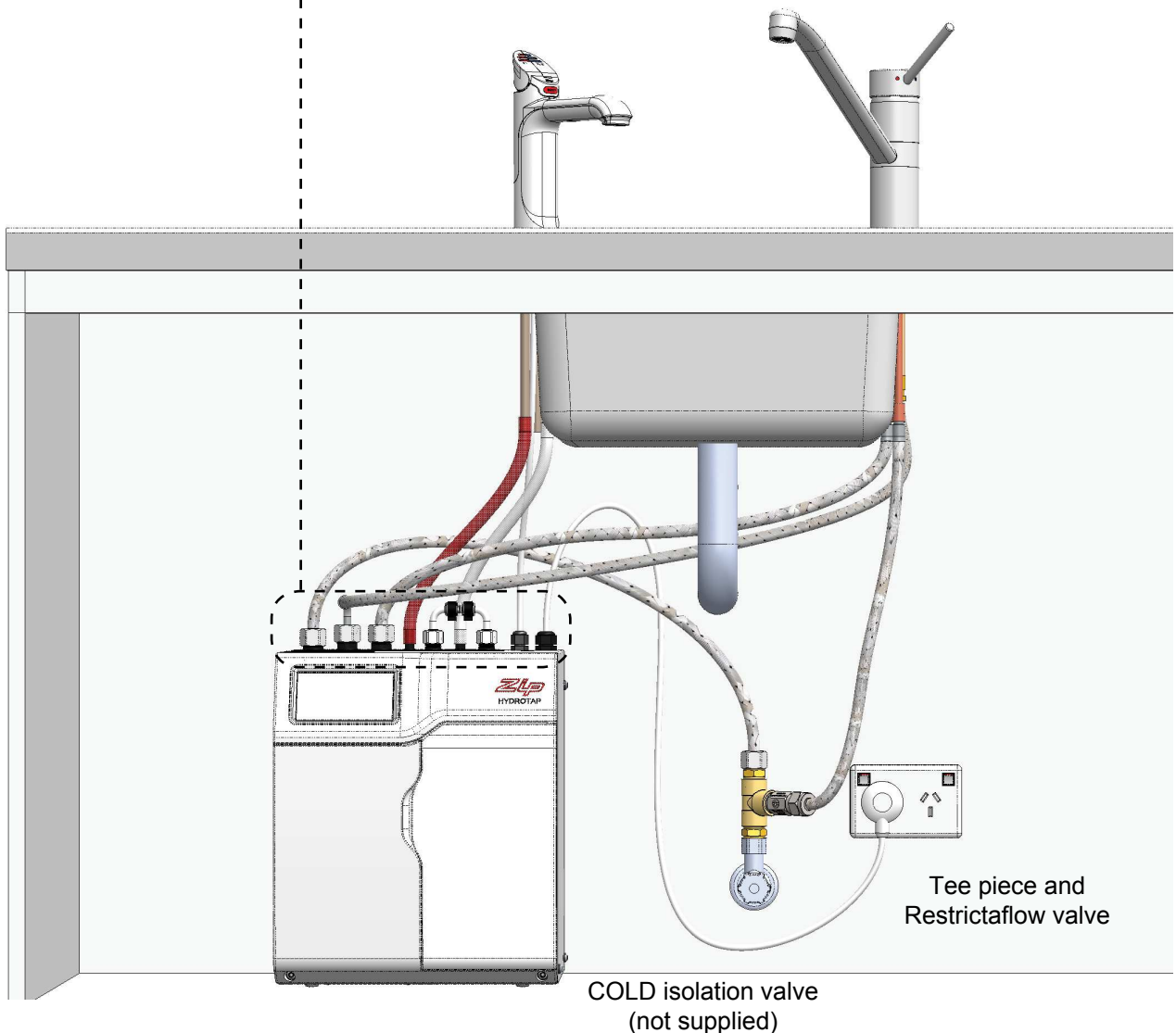
BRAIDED

RED

CLEAR

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

MAINS IN MIXER OUT MIXER IN BOILING OUT BYPASS IN VENT BYPASS OUT USB AMBIENT OUT POWER CORD



Section 2

Ventilation

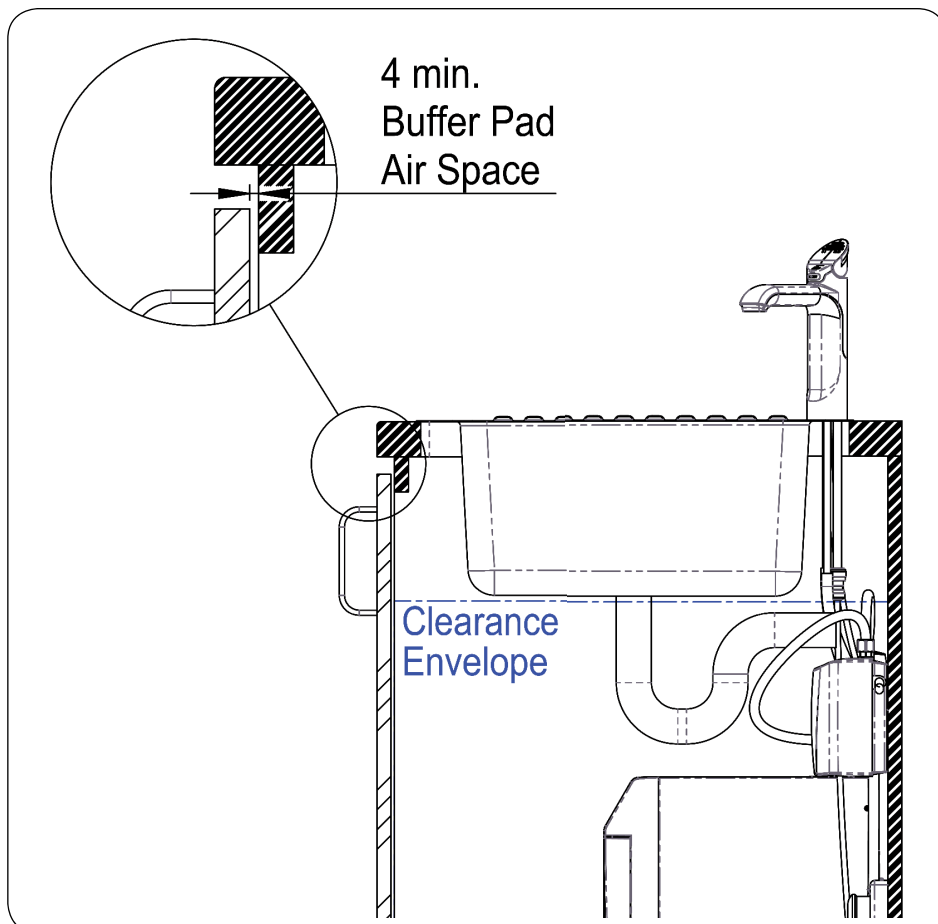
2.1 All Models

Proper air circulation must be provided for all models. The system will operate correctly only if the recommended air gaps are achieved during installation.

IMPORTANT: See section 5.3 for clearances.

It is important to adjust both cupboard door hinges and attach rubber door buffers to the doors to create a 4 mm air-gap between the doors and the cupboard. This is the minimum ventilation requirement for low usage installations.

For high use applications, where the cupboard space temperature is near 35°C, or higher, a vent kit must be fitted. (contact your local service centre for availability).

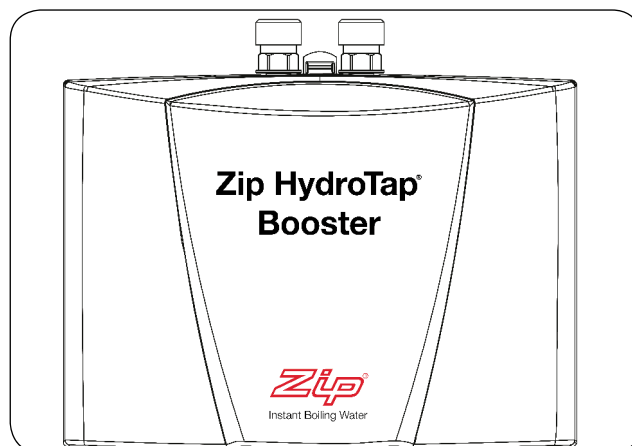


Section 3

Booster Heater

3.1 Product Description

The boost unit is a compact electronically controlled auxiliary water heater. It is intended to provide pre heating of water before it enters the Zip HydroTap G4 boiling tank. The Booster is supplied as standard equipment with all 240 cup models. However, it may be later installed, as an accessory for the 160 cup models, to increase their delivery to 240 cups.



Note1: water connection

:Blue marking - water in

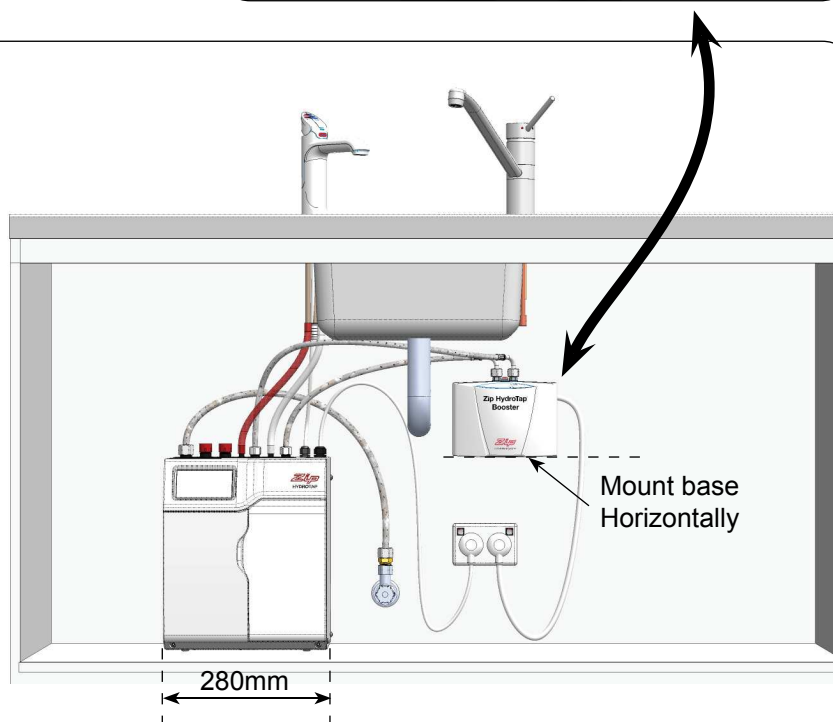
:Red marking - water out.

The braided hoses cannot be lengthened.

Note2: The electrical cable length is 1.0 metre.

Note3: Position the Booster within reach of the fixed hose lengths, keeping the Booster as close as possible to the undersink unit inlet/ outlet fittings.

Note4: Ensure the Booster heater is mounted in an upright position (as shown) with a horizontal base



Specifications:

	Rating	Unit
Nominal Power Rating	2.2	kW
Nominal Current	10	A
Electric Supply 50Hz AC	230	V
Elect flex and plug (black) - 1 meter length (with 90° Australian plug)	10	A
Fixed Flow Rate	1.2	L/min


3.2 Installation Procedure

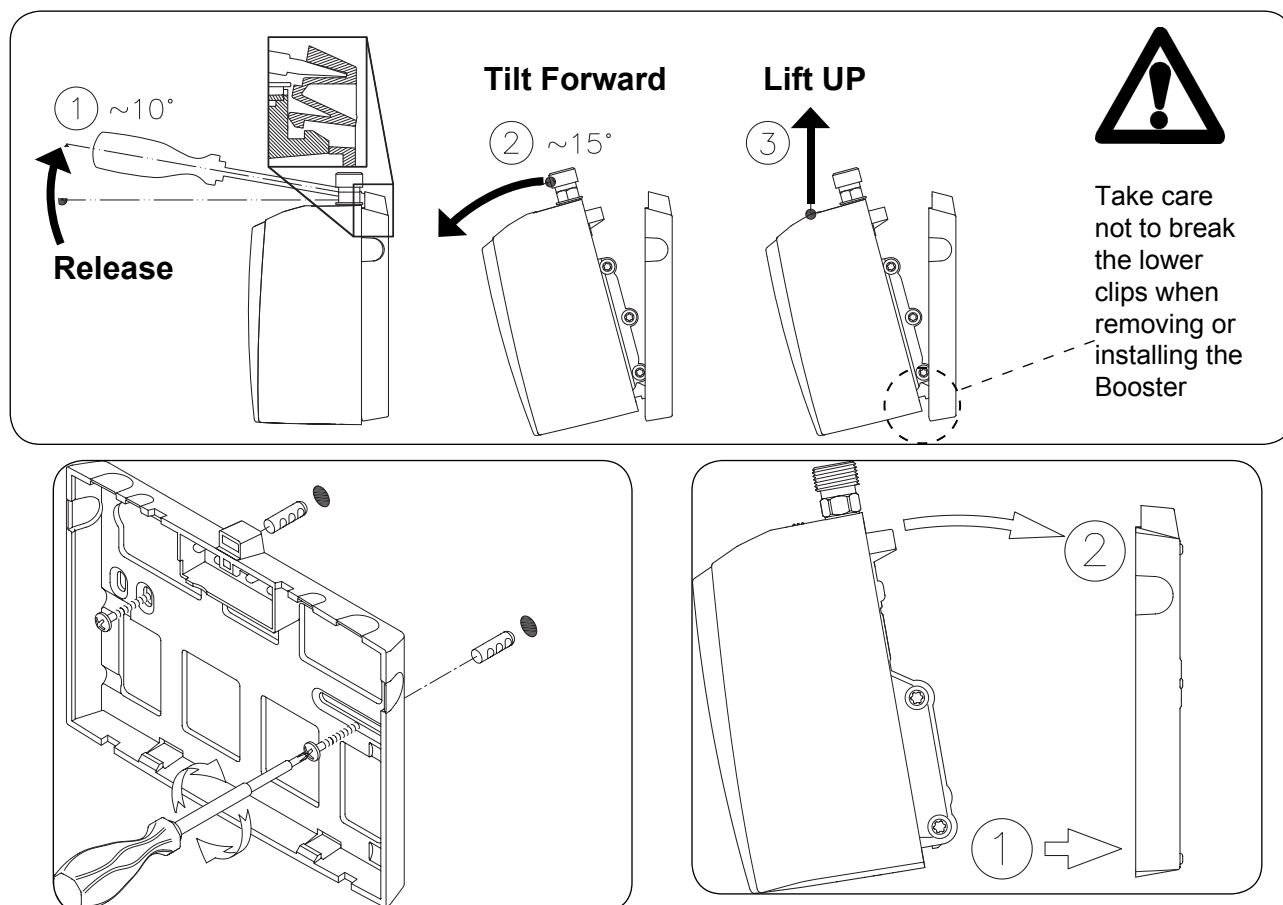
Site requirements

- Appliance must only be installed in a frost-free area. Never expose appliance to frost.
- The Appliance is designed for wall mounted Installation and must to be installed with water connectors facing upwards.
- The appliance complies with protection class IP 25.
- The 500mm braided hoses supplied with the unit cannot be lengthened.
- The 90° elbow hose ends, should be fitted to the inlet and outlet connections on top of the Booster.
- The hot water outlet hose must be thermally insulated with the insulation provided.


3.3 To Remove / Install the appliance

1. Insert a flat head screwdriver all the way into the lock.
2. Gently angle the screwdriver upwards by approximately 10° as shown in the image below.
3. Pull the appliance forwards by approximately 15° as shown.
4. Carefully pull the appliance upwards to complete the removal process. Taking care not to break the lower clips

 **NOTE:** Remove the backing plate for wall mounting



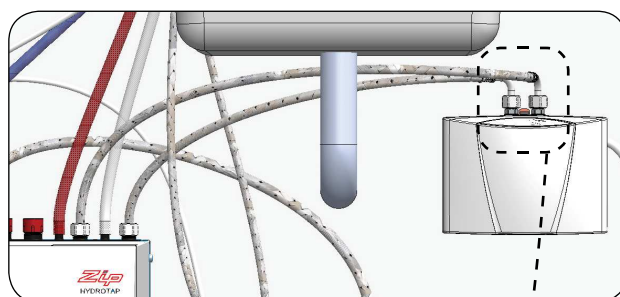
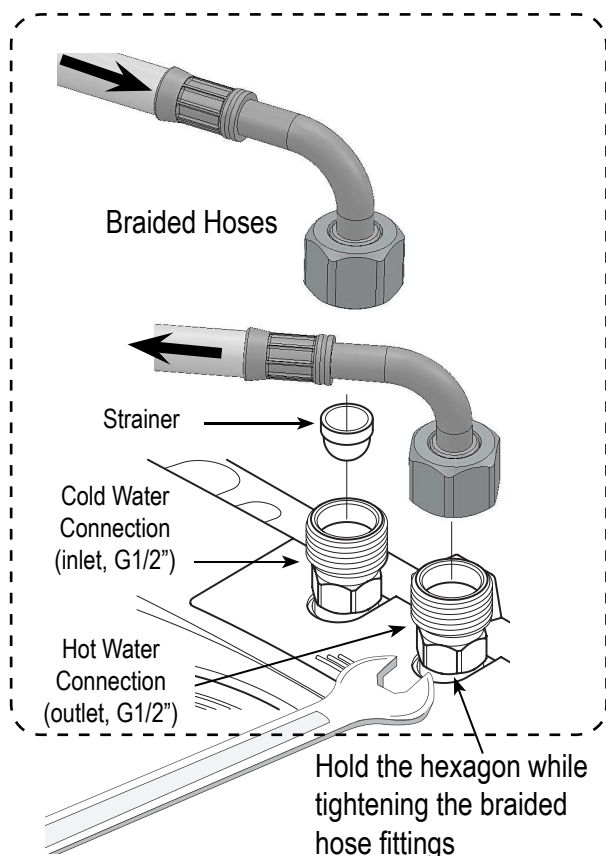
Booster System

-  **NOTE1:** This appliance is intended for use with the Zip HydroTap under sink unit.
- NOTE2:** Water connections must be pointing vertically upwards.
- NOTE3:** The booster unit should be installed as close as possible to the Zip HydroTap Unit as the 500mm connection hoses cannot be lengthened.

3.4 Braided hose connections

1. The cold water inlet (blue) and hot water outlet (red) are marked on the rating plate. Connect the braided hoses from the 'Bypass Out' fitting to the water inlet of the booster unit (Marked Blue) and from the outlet of the booster unit (Marked Red) to the 'Bypass IN' fitting on the Zip HydroTap unit. Avoid exerting any mechanical pressure on the appliance. This can be achieved by applying a spanner on the flats of the inlet and outlet connections when tightening the braided hose connectors. Do not overtighten ! Tighten the braided hoses by hand, then turn an additional 90° - 180° with a spanner
2. Once the water connections have been made, check for any leaks and rectify as necessary.

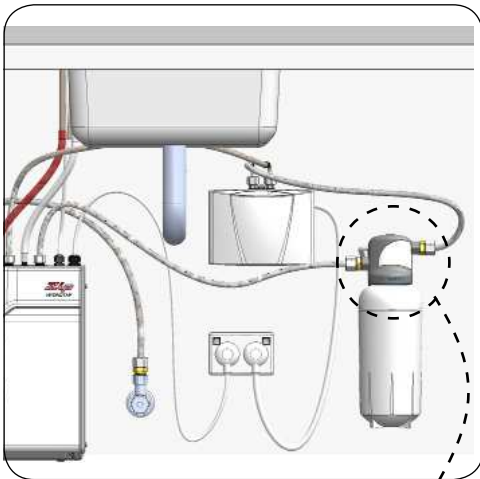
Typical Installation



Section 4

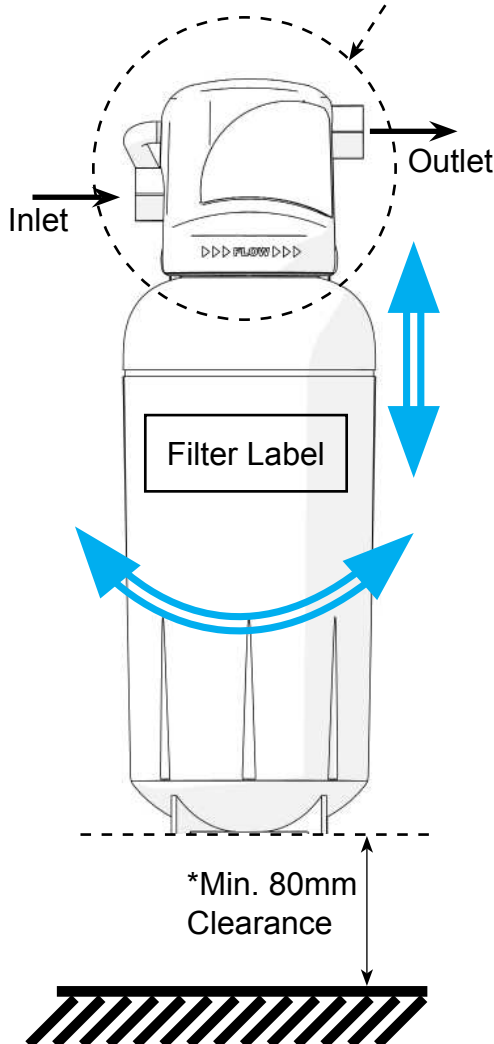
Filter / Softener installation

An external filter / Softener may be fitted to reduce the incidence of scale build up in the hot tank or may be at the customer's request.



4.1 Mounting the filter head

- Choose a suitable location, (cupboard back or side wall) within the reach of the braided hoses.
- Mount the filter head bracket in an upright position, using the screws supplied in the kit
- Ensure there is enough headroom for the filter cartridge to be easily fitted and removed. *Allow a Min 80mm base clearance
- Attach the hoses as shown in section 5.5 - 5.7. Noting the flow directions as marked on the filter head.



4.2 Cartridge Installation

1. Unpack replacement cartridge, write today's date where shown on the label and remove the sanitary cap.
2. Avoid touching the filter O-rings and filter opening as this may cause bacterial contamination of the cartridge.
3. Moisten the O-rings with water, align the front cartridge label to the left and push the new cartridge into the filter head.
4. Turn the cartridge a quarter turn to the right until the cartridge comes to a complete stop, with the front label facing forward.
5. Disconnect the filter outlet hose from the undersink unit and direct the hose end into a container ready for flushing.
6. Depress Boiling lever on the tap and allow water to run for 30 seconds.
7. Water will now run through the filter.
8. Allow 10L to flow through the filter to ensure all carbon particles have been flushed.
9. Turn the water off at the mains supply once 10L have been achieved.
10. Reconnect the filter outlet hose to the undersink unit.
11. Turn the mains supply back on and check for leaks.
12. Set the appropriate selection on the Internal Filter Bypass valve located at the rear of the unit in accordance with Sections 5.1 and 5.2.

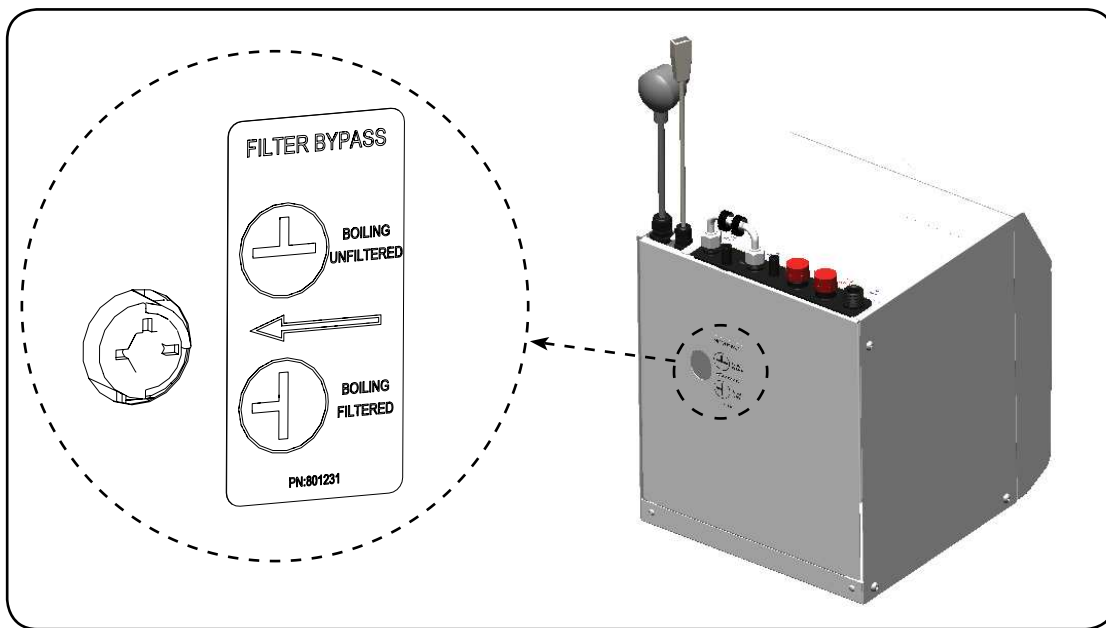
Section 5

Undersink Unit installation

Note: Before you install a unit, determine whether a water softener or an external filter is required.

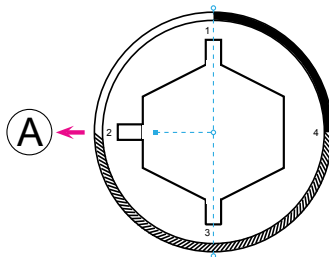
5.1 External Bypass Valve

The diverter bypass valve allows the user to choose to have the boiling feed water bypass the internal filter and only be filtered by the external filtration. This diverter valve is located at the rear panel of the Zip HydroTap undersink unit on the filter door side, see the image below.

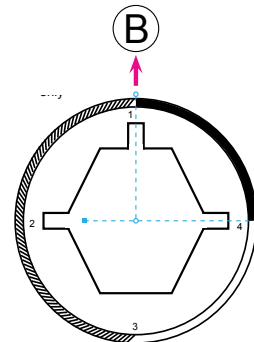


Check the table below to determine which filter bypass position you need for your product.

If no external filter is installed, select position A



If an external filter is installed, select position B

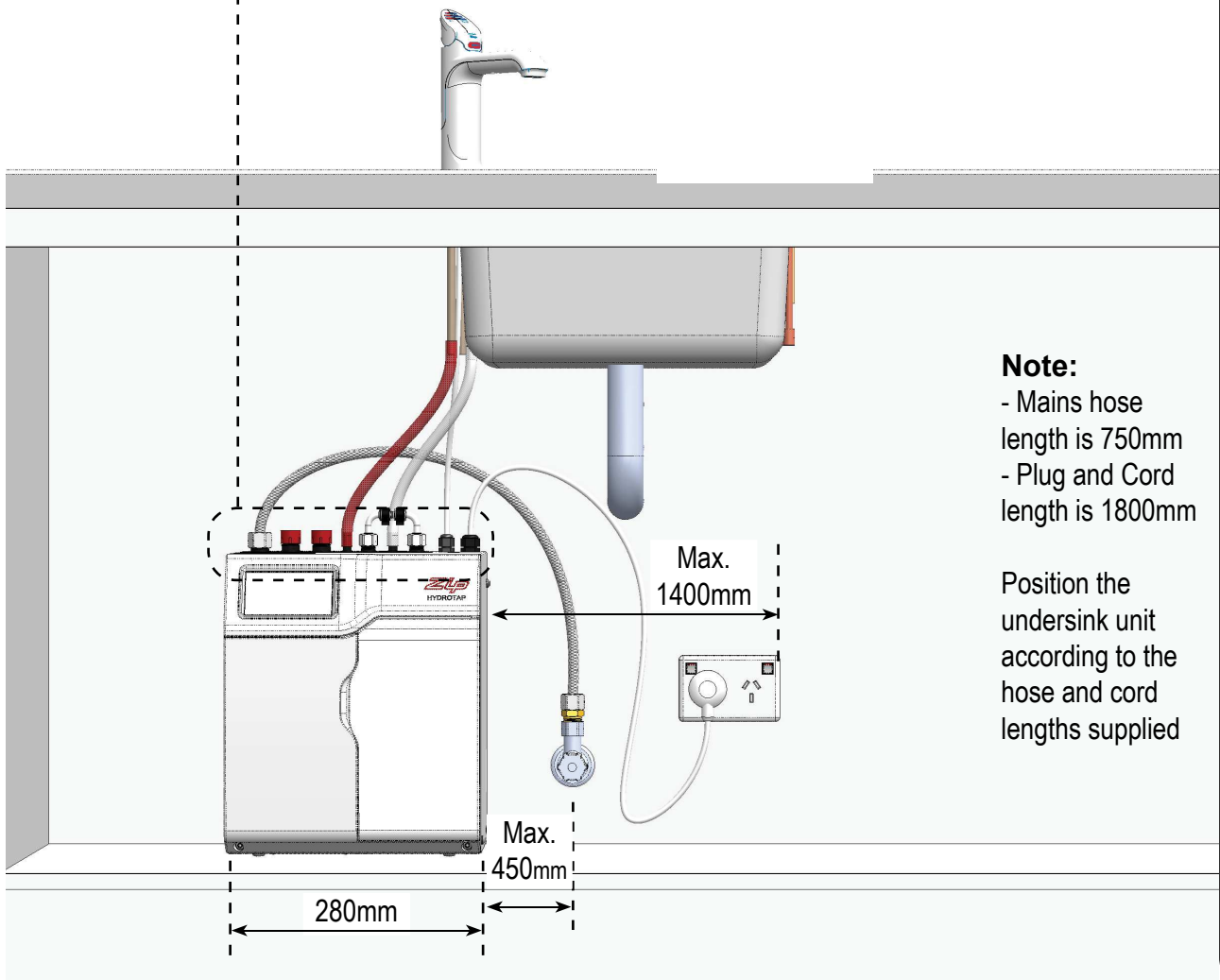
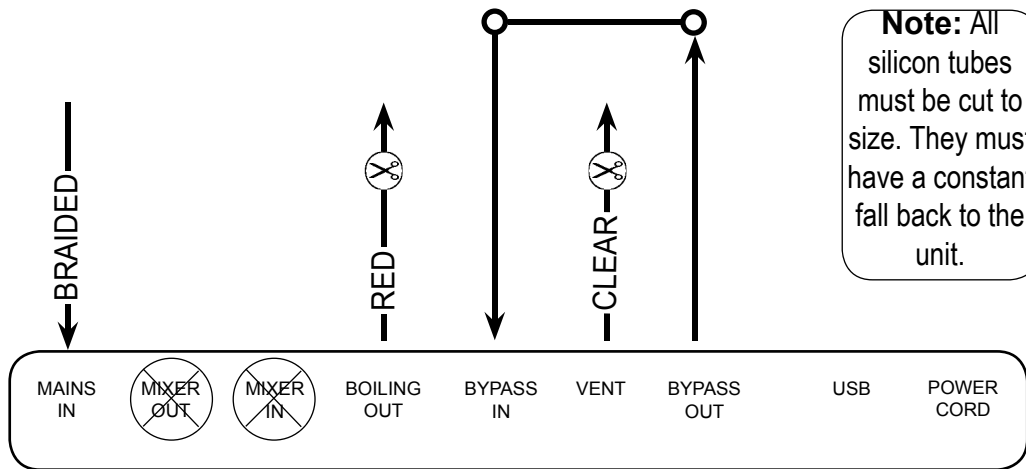



5.2 Hose fitting

Install the mains water braided hoses to the undersink unit before locating the unit in place.

Installation Instructions

5.3 Model B160



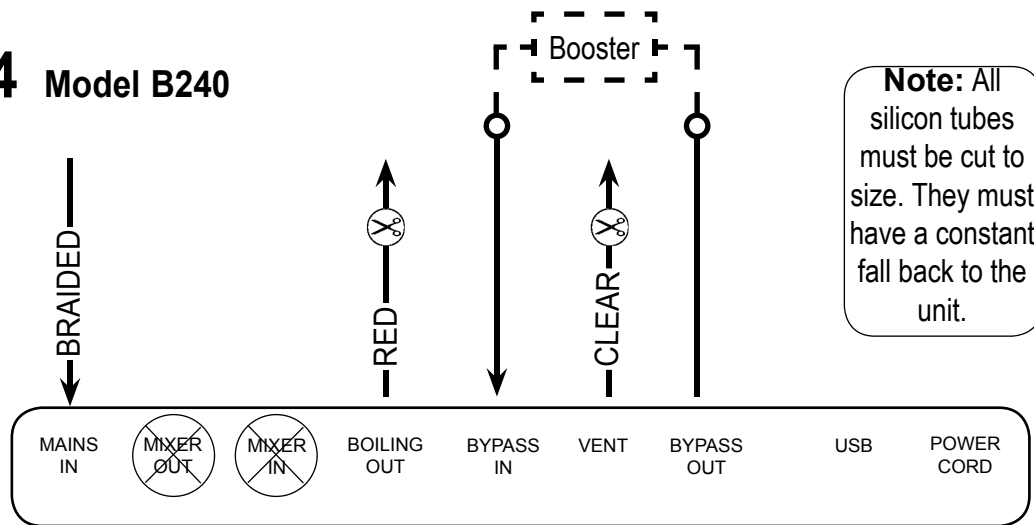
 **Note:** The connection hose supplied with the cold inlet CANNOT be lengthened.



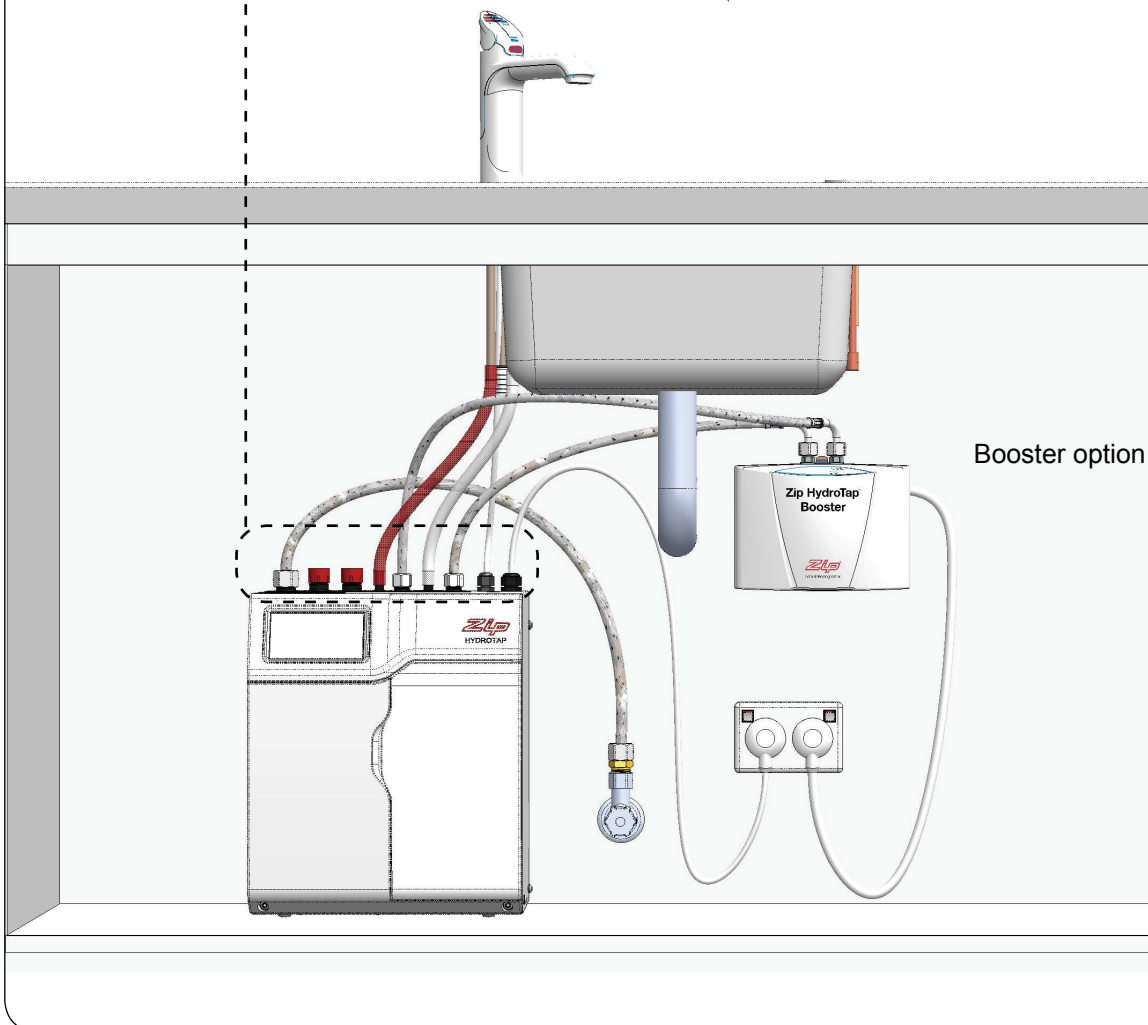
: Not required for BO HydroTap.


Installation Instructions


5.4 Model B240



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

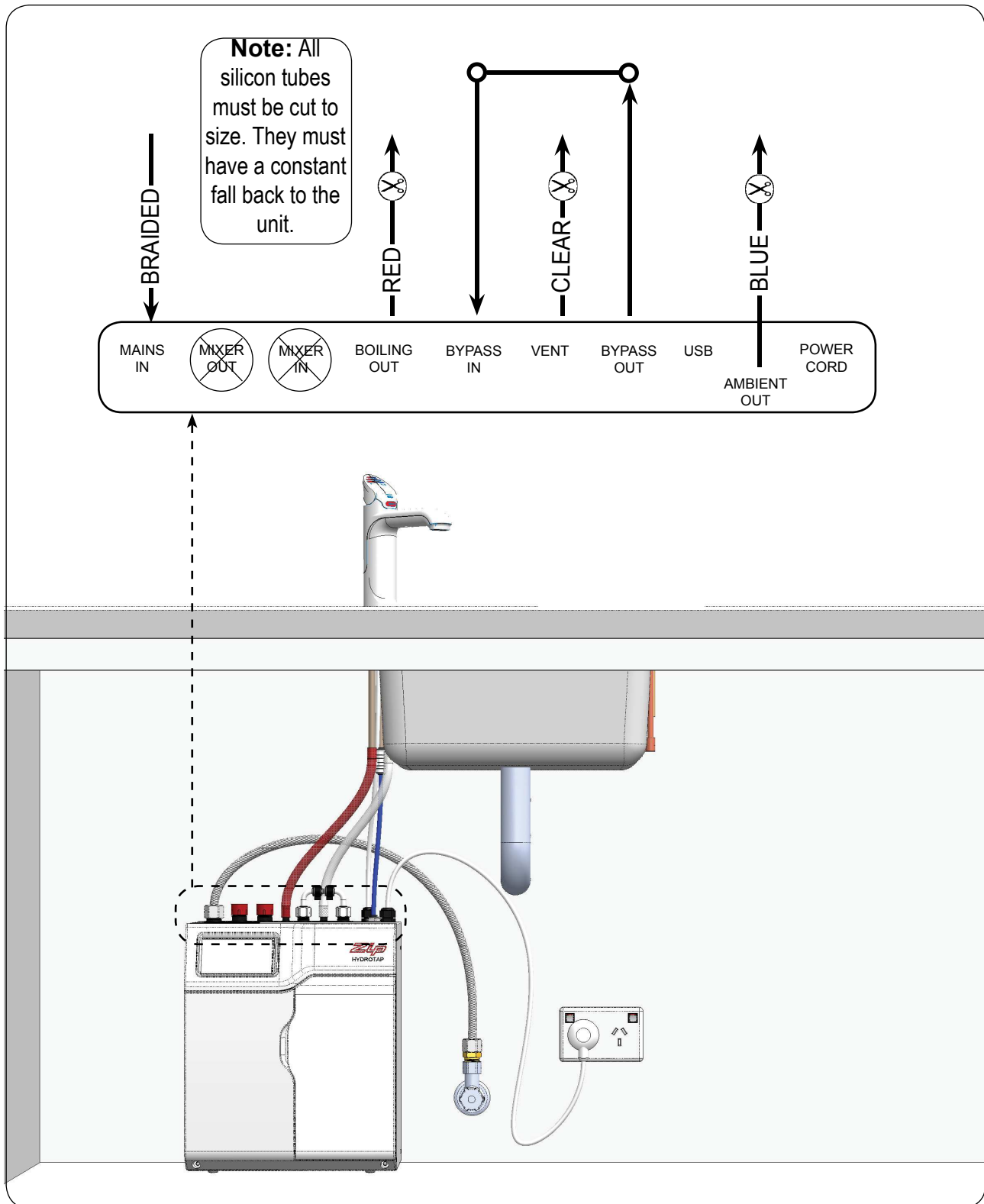


 Note: The connection tubes supplied with the tap head and Booster assemblies CANNOT be lengthened.

 : Not required for BO HydroTap.

Installation Instructions

5.5 Model BA160



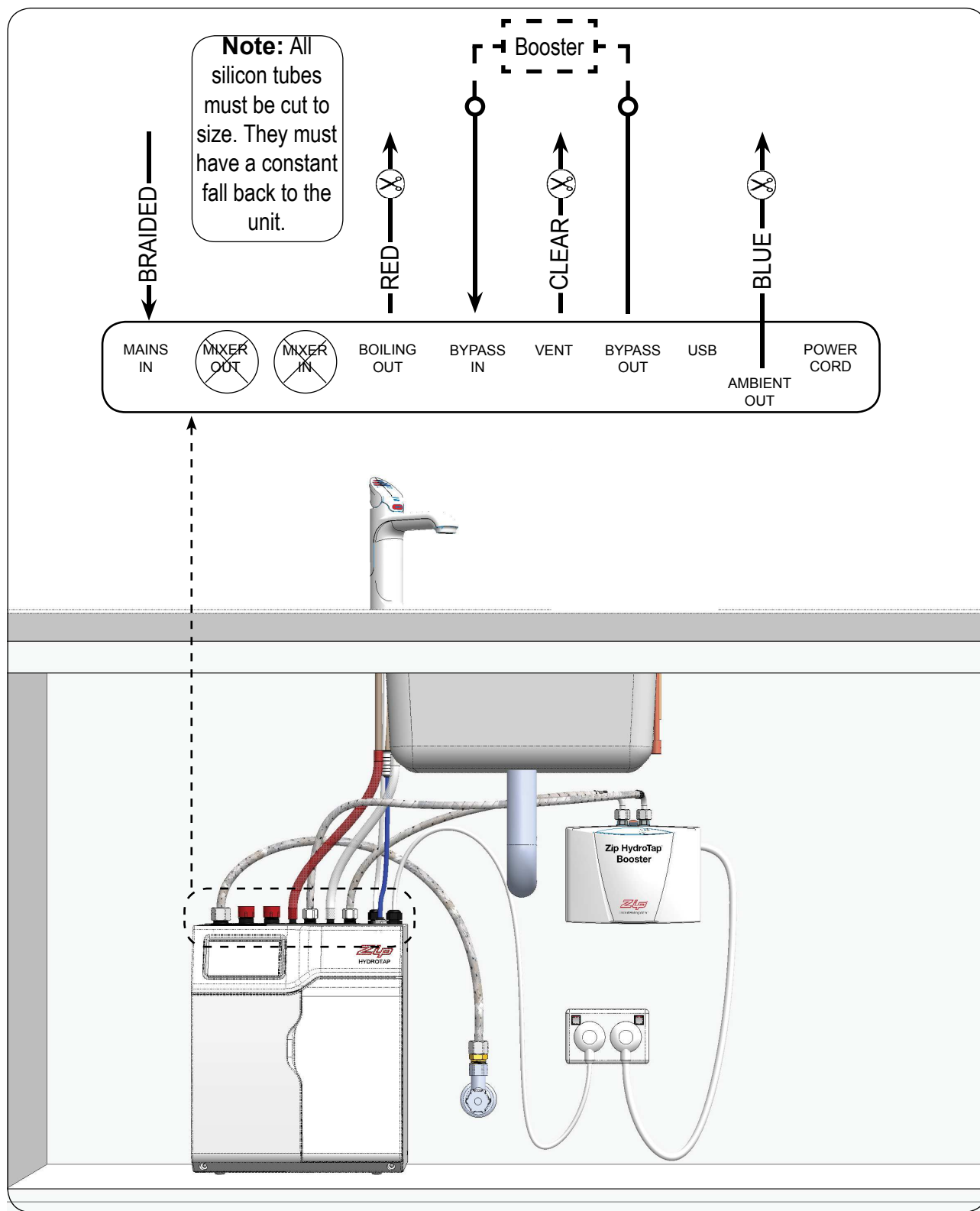
Note: The connection hose supplied with the tap head assembly CANNOT be lengthened.




: Not required for BA HydroTap.

Installation Instructions

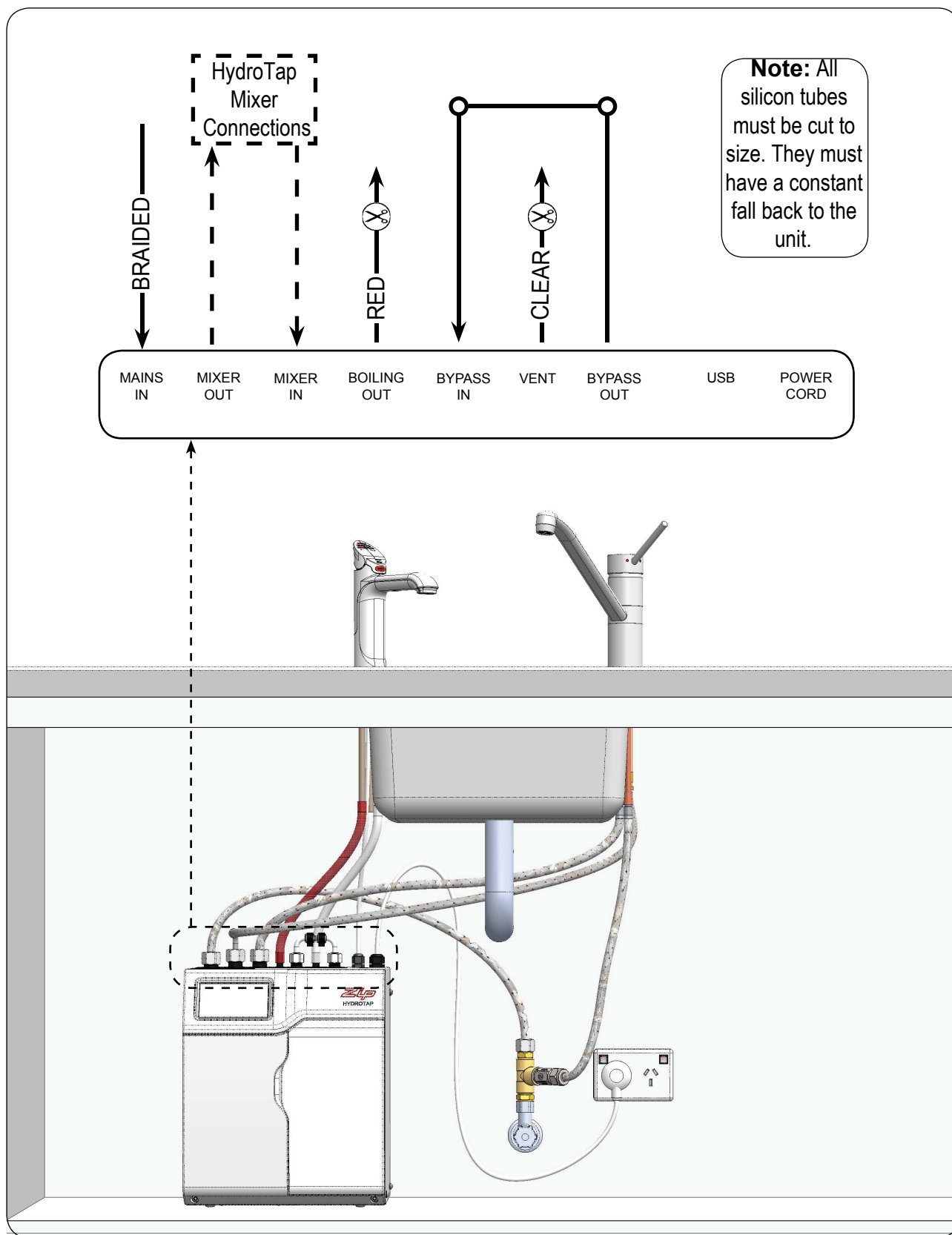
5.6 Model BA240




 Note: The connection hoses supplied with the tap head and Booster assemblies CANNOT be lengthened.

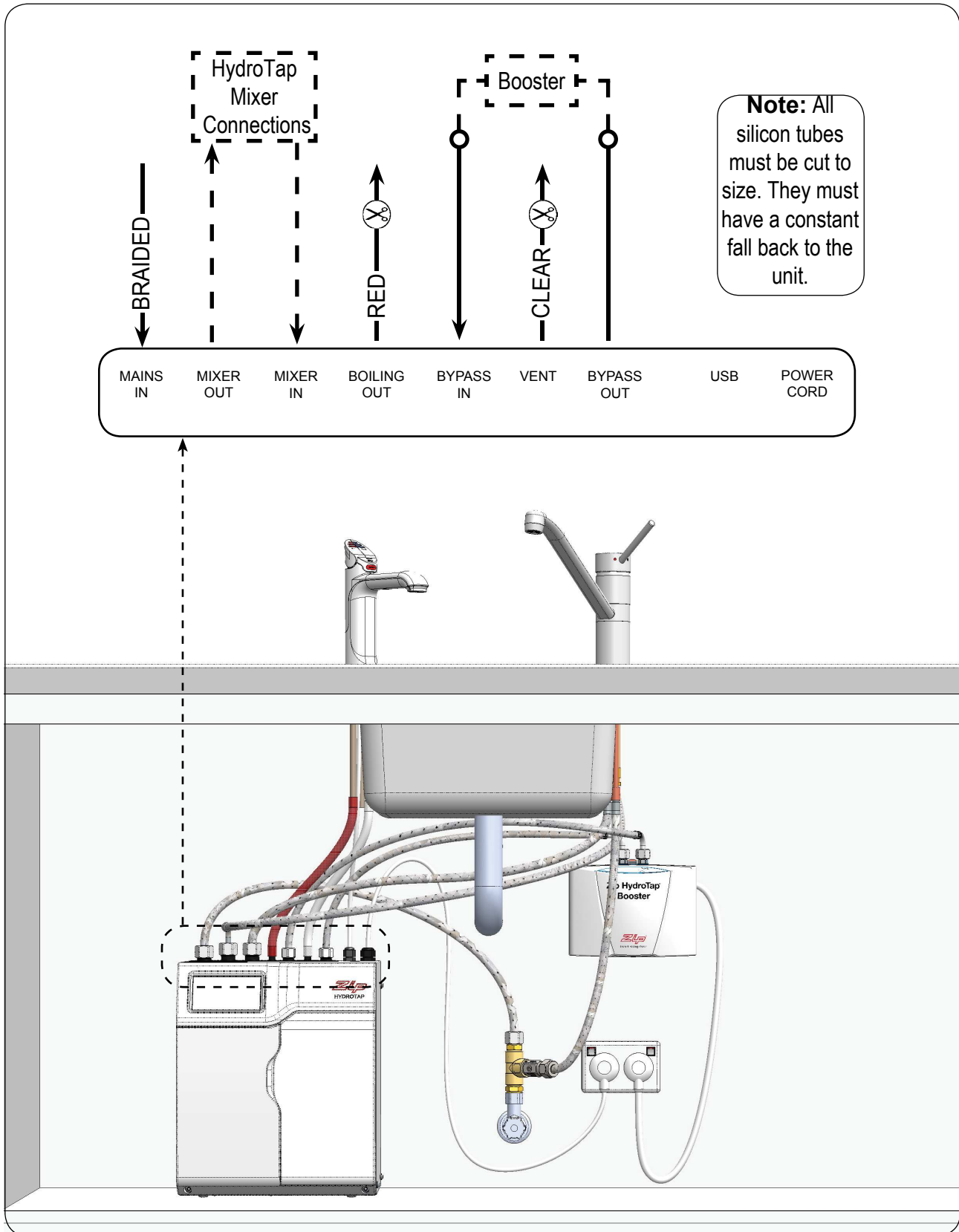
 : Not required for BA HydroTap.

5.7 Model BH160 3-In-1 and BAH160 4-in-1



 Note: The connection hoses supplied with the HydroTap and mixer, CANNOT be lengthened.

5.8 Model BH240 3-In-1 and BAH240 4-in-1



Note: The connection hoses supplied with the HydroTap and Booster CANNOT be lengthened.

Section 6

Commissioning

The HydroTap is now ready to be commissioned.

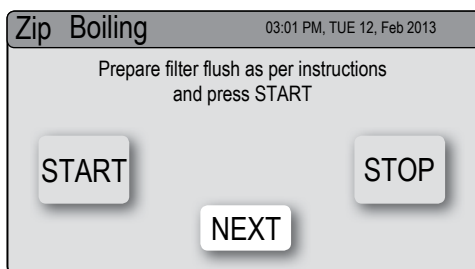
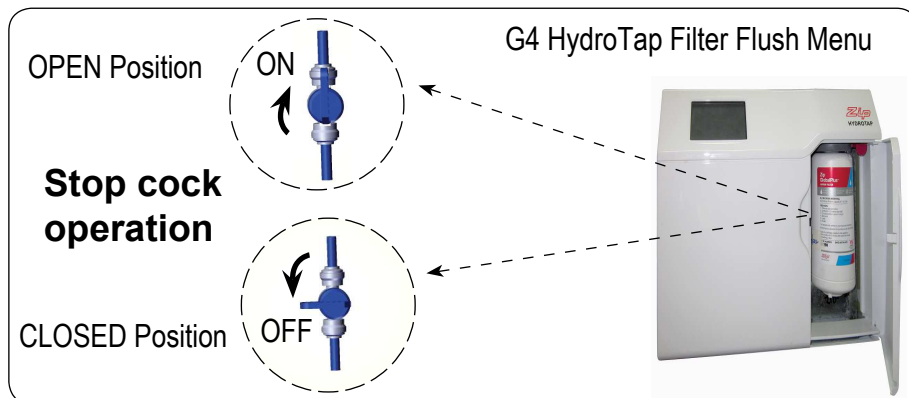
- Turn on the power and water and check for any leaks
- Familiarise yourself with the operation of the Tap, in preparation for use (See User Guide)
- Follow the Installation instructions below (and review Section C of the User Guide).
- After commissioning, the system may be customised by selecting further options in Section G - Settings, within the User Guide.

6.1 - Filter Flush

Have a 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 free end of the flush line into the bucket or container (not supplied).

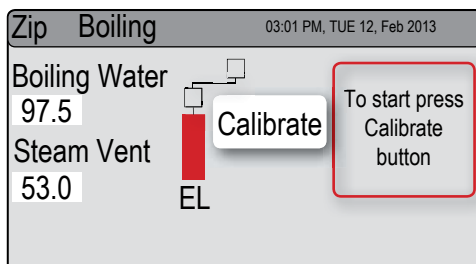


NOTE: at first commissioning, the system will select the filter flush screen automatically.



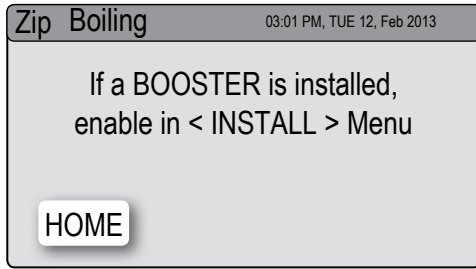
1. Turn the stop cock ON
2. Press [Start] button to start filter flush.
3. Allow at least 10 litres of water to flush through the filter.
4. Once the filter flush is finished, Turn the stop cock OFF then press [Stop] to end filter flush mode.
5. Press [Next] for the Boiling Calibration screen.

6.2 - Boiling Calibration




- Press the calibration button and the system will commence the Boiling calibration procedure. This will take approx 5-6 minutes.

6.3 - Booster Activation



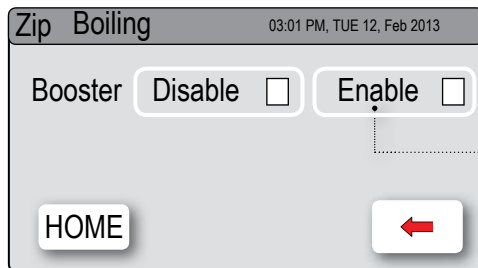
Booster reminder Screen

- Upon completion, a Booster reminder screen will appear and allow you to return home by pressing the [Home] button.
- Check the Date and Time settings (See Note below)

 **NOTE:** failing to make the correct selection for the “Booster”, will affect product performance.

NOTE: Depending on your location you may need to re-set the internal clock. See section G of the user guide to check and if necessary, reset the Date and Time for your time zone.

To enabled when a Booster unit is installed.



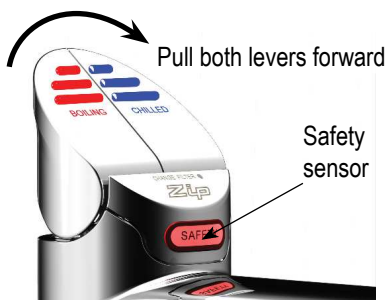
HydroTap Booster Screen

1. Press the [MENU] button for main menu.
2. Press the [Install] button.
3. Press the [Booster] button.
4. In the next screen, press button (A) to enable the Booster.
5. Water must be run through the Booster for a min of 30 seconds, before the heater will activate.
6. Dispense boiling water for 30secs and check the Booster outlet hose is warm when the boiling water tank is replenishing.


Safety Sensor Calibration

6.4 - Safety Sensor Calibration

Light intensity varies from site to site, therefore it is recommended that a re-calibration be performed at the time of the installation. All direct natural sun light must be shaded from the HydroTap, during the calibration. This can be achieved by closing any nearby curtains, blinds, etc.



1. Shield the HydroTap from any direct sun light
2. With the unit in Normal operating mode
3. Turn the power OFF
4. Pull both tap levers to the forward position
5. Turn ON the power
6. The unit will calibrate the safety switch
7. Return the levers to the neutral position.

 **NOTE:** For any subsequent filter changes or any operational procedures, please refer to the HydroTap user guide, located inside the filter housing access door.

Trouble Shooting

System Fault Message	Possible Cause	Solutions
Power Board Fault	Electrical disruption	Check power supply and all fuses
Interface Fault	Internal fault	Call Zip Service
Level Board Fault	Internal fault	Call Zip Service
Water leak, Isolate Mains	Water leak	Turn off mains water supply / Call for service
Water Supply Failure	No water	Check water supply is turned ON
Hot Sensor Open	Internal fault	Call Zip Service
Hot Sensor Closed	Internal fault	Call Zip Service
Flood Sensor Open	Internal fault	Call Zip Service
Heater Driver Fault	No hot water	Call Zip Service
Hot Sensor Degraded	Internal fault	Call Zip Service
Steam too Cool	Internal fault	Call Zip Service
Steam Sensor Open	Internal fault	Call Zip Service
Steam Sensor Closed	Internal fault	Call Zip Service
Hot Overload	Internal fault	Turn OFF to reset / Call Zip Service
Hot Tank Overfilled	Internal fault	Call Zip Service
Safety Lock ON	Safety button active	See User guide Section - G (Safety mode)
Safety Lock OFF	Safety button Inactive	See User guide Section - G
Hot Isolation ON	Safety button active	See User guide Section - G
Hot Isolation OFF	Safety button Inactive	See User guide Section - G
Hot Isolation Enable	Safety button active	See User guide Section - G
Hot Isolation Disable	Safety button Inactive	See User guide Section - G
Sleep Mode Enable	Auto sleep mode active	See User guide Section - G (Energy Mode)
Sleep Mode Disable	Auto sleep mode inactive	See User guide Section - G (Energy Mode)
Calibration	Auto calibration reset	Normal operation, once per month
Overload Reset	Internal fault	Call Zip Service

Call an electrician, a plumber, or Zip for a free call in Australia on 1800-638-633 for assistance, service, spare parts or enquiries.

End of Life Disposal

In order to help preserve our environment we ask that you dispose of this product correctly. Please contact your local city council for collection centre details.

Contact Details

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.zipheaters.com
Facsimile: (02) 9796 3858
Telephone: (02) 9796 3100
Free Call: 1 800 638 633

As Zip policy is one of continuous product improvement, changes to specifications may be made without prior notice. Images in this booklet have been modified and may not be true representations of the finished goods.

The standard cup referred to in this publication is 167 ml (6 fl oz).

The standard glass is 200 ml (7 fl oz).

The terms "Zip" and "HydroTap" are registered trade marks of Zip Heaters (Aust) Pty Ltd.

Zip products described in this publication are manufactured under one or more of the following patents: AU675601, AU637412, AU635979, GB0422305, GB2065848, US4354049, US5103859, US5099825 and SA2006/08043. Other patents are in force and patent applications are pending.

