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Installation instructions

Zip HydroTap® G5



Model:

Command Centre (see table of contents for specific models)



INSTALLATION INSTRUCTIONS Table of contents

Table of contents

Using these instructions & IMPORTANT SAFETY INSTRUCTIONS	4
WARNINGS AND REGULATORY INFORMATION	7
Technical data	9
Supplied parts check list.....	11
Installation check list	13
Before Installation	14
General product features	15

Installation instructions

Step 1 Measure and cut all the tap holes, fit the taps : Refer to Tap installation instructions supplied.

Step 2 Check for adequate ventilation.

Section 2 Ventilation.

Section 2.1 - 2.4 Ventilation for all models	16
--	--------------------

Step 3 Install the booster / lime scale filter / water block / CO₂ / carbonation valve / font.

Section 3 Ancillary installations

Section 3.1 - 3.2 Install rail.....	21
Section 3.3 Connect the water supply	22
Section 3.4 Set the external scale filter bypass valve	23
Section 3.5 Lime scale filter installation	24
Section 3.6 Booster installation	25
Section 3.7 CO ₂ cylinder and regulator installation	28
Section 3.8 Font installation	31

Step 4 Install the Command Centre.

Section 4 Commercial & Residential Command Centre installation.

Section 4.1 Generic Command Centre installation instructions.....	41
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Australian installations

Section 4.2 BCS60 - BCS100 commercial Australian installation	46
Section 4.3 BCS20 - BCS30 commercial and BCS Home Australian installation.....	50
Section 4.4 BC40 - BC100 commercial Australian installation	55
Section 4.5 BC20 - BC30 commercial and BC Home Australian installation	59
Section 4.6 B60 - B100, BA60 - BA100 and B & BA Home Australian installation	64
Section 4.7 CS100 commercial Australian installation	70
Section 4.8 C40 - C100 commercial Australian installation.....	72
Section 4.9 CS Home Australian installation	74
Section 4.10 C Home Australian installation.....	76

UK installations

Section 4.11 BCS60 - BCS100 commercial UK installation.....	78
Section 4.12 BCS20 - BCS30 commercial and BCS Home UK installation.....	82
Section 4.13 BC40 - BC100 commercial UK installation	87
Section 4.14 BC20 - BC30 commercial and BC Home UK installation	91
Section 4.15 B60 - B100, BA60 - BA100 and B & BA Home UK installation	96
Section 4.16 CS100 commercial UK installation.....	102
Section 4.17 C40 - C100 commercial UK installation	104
Section 4.18 CS Home UK installation.....	106
Section 4.19 C Home UK installation	108

Step 5 Commission the HydroTap G5.

Section 5 Commissioning

Section 5.1 Turn on supplies & familiarse yourself with the system	111
Section 5.2 Select the language, date / time & options	111

INSTALLATION INSTRUCTIONS Table of contents

Section 5.3 Install the filter cartridge.....	111
Section 5.4 Set time, date & drain away options.....	112
Section 5.5 Filter flush.....	112
Section 5.6 System priming	114
Section 5.7 Cleaning preparation	115
Section 5.8 Boiling calibration and cleaning.....	116
Section 5.9 Tank flush	118
Section 5.10 Select the booster	121
Section 5.11 Carbonation valve adjustment	121
Section 5.12 Safety sensor calibration	121
Trouble shooting	
Section 6 Service, trouble shooting table	122
Section 7 End of life disposal	123
Contact details, at end of document.....	169

Using these instructions

Explanation of symbols



Safety instructions



Read and use the instructions and safety information supplied with individual kit components for a safe installation.

IMPORTANT SAFETY INSTRUCTIONS



Compliance

In Australia electrical installation must comply with AS/NZS3000.

In Australia plumbing installation must comply with AS/NZS3500.

In Australia For residential chilled models, all refrigeration must comply with AS/NZS 60335.2.24.

In the UK the system must be installed in accordance with water supply byelaws, current IEE regulations and local authority byelaws.

Safety

This appliance is not intended for use by children under 8 years or persons (including children under 8 years) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning the 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.

Refrigerant



WARNING! KEEP VENTILATION OPENINGS IN THE APPLIANCE ENCLOSURE OR IN THE BUILT-IN STRUCTURE CLEAR OF OBSTRUCTION.

The Zip HydroTap Command Centre range uses either HIGHLY FLAMMABLE R290, R600a or R134A refrigerant under pressure.

Check the rating plate or contact Zip before commencing work.

Maintenance of the refrigeration unit must be carried out by an accredited service provider or qualified refrigeration technician.

Do not use mechanical devices or other means to accelerate the defrosting process, other than those recommended by the manufacturer.

Do not store explosive substances such as aerosol cans with a flammable propellant in this appliance.

CO₂

- Keep out of reach of children.
- Use according to MSDS (material safety data sheet).



IMPORTANT SAFETY INSTRUCTIONS

- Pressurised container. Contains gas under pressure, may explode if heated.
- Protect from sunlight.
- Do not expose to temperatures exceeding 50 °C.
- Do not expose to naked flame or any incandescent material.
- Do not pierce or burn, even after use. Avoid shock.
- High concentration of gas may cause asphyxiation.
- Use only in an upright position.
- The cylinder must be used with the supplied pressure regulator.
- The gas cylinder must be installed in an open plan area, or in an enclosed room with a volume no less than 22m³ per 1200g cylinder, or 50m³ per 2640g cylinder.
- If more than 1 gas cylinder containing CO₂ is present within the same location, the recommended ventilated area should be in proportion to the number of gas cylinders stored in that location. A ventilated area is a non-enclosed area which could include the kitchen, living room etc.
- Refer to the gas cylinder and MSDS for a complete list of warnings (www.zipwater.com, www.zipwater.co.uk).

Qualifications

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 and / or boiling water droplets may discharge through a vent outlet on the tap. If not using the font, ensure the tap body is located so the tap outlet safely dispenses into the sink bowl.

Lifting

Take care when lifting. The Command Centre may exceed safe lifting limits. If you feel this is beyond your personal capabilities, please seek assistance with the lift. The weight of the Command Centre is marked on the packaging. Do not lift the Command Centre by the front cover or any of its connections.

Airflow

The Zip HydroTap operates within the ambient temperature range 5°C - 35°C. Proper air circulation must be provided. The system will operate satisfactorily only if the recommended air gaps are provided. The vent kit supplied must be fitted.

Altitude

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

Frost protection

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

Application

The HydroTap G5 Home series is intended to be used in household and similar applications such as:

- Staff kitchen areas in shops, offices and other working environments;
- Farm houses and by clients in hotels, motels and other residential type environments;
- Bed and breakfast type environments;
- Catering and similar non-retail applications.

IMPORTANT SAFETY INSTRUCTIONS



Compressed gas warning - HydroTap Clean can

- Read label before use.
- Keep out of reach of children.
- Use according to SDS (safety data sheet).
- Pressurised container. Contains gas under pressure, may explode if heated.
- Protect from sunlight.
- Do not expose to temperatures exceeding 50 °C.
- Do not expose to naked flame or any incandescent material.
- Do not pierce or burn, even after use.
- Avoid shock.
- SDS is available for download at www.zipwater.com or www.zipwater.co.uk

First aid

- For advice contact a Poison Control Information Centre
- Australia (+61) 131126
- Ireland (+353) 1809 2166
- UK (+44) 171 635 9191

WARNINGS AND REGULATORY INFORMATION



- For continued safety of this appliance it must be installed, operated and maintained in accordance with the manufacturer's instructions.
- This appliance may deliver water at high temperature. Refer to the Plumbing Code of Australia (PCA), local requirements and installation instructions to determine if additional delivery temperature control is required.
- The Zip HydroTap must be earthed, earthing is provided via the supplied power cord. The resistance of the earth connection to each exposed metal part must be less than 1Ω. Use the power cable supplied. It is the responsibility of the installer to ensure the power point is earthed.
- All installation and service work must be completed by trained and suitably qualified tradespeople. Faulty operation due to unqualified persons working on this product, may void warranty coverage.
- As the installer, it is your responsibility to supply and install all valves as required by local regulations and relevant standards.
- The HydroTap is rated for 220-240V 50Hz AC operation.
- Do not remove the cover of the appliance under any circumstances without first isolating the appliance from the power supply.
- Connect only to a potable (wholesome, cat1) mains water supply.
- Never locate the system near, or clean with water jets.
- Do not expose the Zip HydroTap to the elements of nature.
- The booster complies with protection class IP 20.
- For UK, a pressure limiting valve must be fitted for mains water pressures above the maximum limits stated.
- Use of tools can be hazardous, assess the risks before you start.
- A clearance envelope around all Command Centres must be provided to allow adequate ventilation for the safe and effective use of the HydroTap system.
- The vent tray, if provided, must be fitted. It provides a safe exhaust for refrigerant gas in the unlikely event of a leak.
- Valve and fitting threads must be sealed appropriately with PTFE tape where compression seals are not provided.
- Always flush new filter before use.
- Do not connect booster to electrical supply until commissioning.
- Do not over tighten plumbing and hose connections.
- Braided hoses supplied cannot be lengthened.
- Be aware of the risks of hazards which could cause harm when handling compressed CO₂. Assess the risks before starting the installation.
- Do not proceed with a CO₂ cylinder change if the seals are damaged. Take care not to cross thread the regulator, a cross threaded regulator poses a potential hazard.
- Care must be taken when working with high pressure carbon dioxide, and in no case should the normal operating pressure of 3.0 bar be exceeded.
- The power cord and general power outlet must be in a safe and accessible position after installation. When positioning the appliance, ensure the power supply cord is not trapped or damaged. If the power supply cord is damaged it must be replaced by a Zip service provider or a qualified electrician.
- Do not locate multiple portable socket-outlets or portable power supplies at the rear of the appliance.

WARNINGS AND REGULATORY INFORMATION



- Do not locate multiple portable socket-outlets or portable power supplies at the rear of the appliance.
- For safe operation, the HydroTap is designed to be installed, commissioned and used within 48 hours. Should the HydroTap not be required for an extended period of time (72 hours or more), do not fill and commission the HydroTap until ready for first use.
- For water taste and quality reasons, following any non-use period of more than 72 hours, Zip recommends to perform a system flush. Failure to flush the system may affect water quality.
- For UK, this appliance only contains materials that conform to the requirements of BS6920:2014 'Suitability of non metallic materials and products for use in contact with water intended for human consumption with regard to their effect on the quality of water'.
- Use the new hose set supplied with the unit. Do not re-use old hose set.
- The button/coin battery is hazardous and is to be kept away from children. It can cause severe or fatal injuries in 2 hours or less if it is swallowed or placed inside any part of the body. Medical attention should be sought immediately if it is suspected the battery has been swallowed or placed inside any part of the body.

Technical data

Technical data table

Model	Power rating kW 220-240V 50Hz	Power rating kW 220V 60Hz	Dimensions W x D x H (mm) Command Centre only	Dimensions including Duct W x D x H (mm) Vent tray additional measurements in ()	Weight (kg)
Boiling Chilled Sparkling models					
BCS100 BCS100 H	2.15 + Booster	2.05 + Booster	395 x 464 x 333	450 (500) [#] x 464 (520) [#] x 333 (373) [#]	41
BCS60 BCS60 H	2.15	2.05	395 x 464 x 333	450 (500) [#] x 464 (520) [#] x 333 (373) [#]	41
BCS30 BCS30 H	1.96 + Booster	1.86 + Booster	339 x 460 x 333	N/A	34
BCS20 BCS20 H	1.96	1.86	339 x 460 x 333	N/A	34
BCS Home BCS H Home	1.53	1.45	339 x 460 x 333	N/A	34
Boiling Chilled models					
BC100 BC100 H	2.1 + Booster	2.00 + Booster	395 x 464 x 333	450 (500) [#] x 464 (520) [#] x 333 (373) [#]	30
BC60 BC60 H	2.1	2.00	395 x 464 x 333	450 (500) [#] x 464 (520) [#] x 333 (373) [#]	30
BC40 BC40 H	1.97	1.84	395 x 464 x 333	450 (500) [#] x 464 (520) [#] x 333 (373) [#]	30
BC30 BC30 H	1.9 + Booster	N/A	280 x 455 x 333	N/A	23
BC20 BC20 H	1.9	N/A	280 x 455 x 333	N/A	23
BC Home BC H Home	1.44	N/A	280 x 455 x 333	N/A	30
Boiling, Boiling Ambient models					
B100, BA100	1.8 + Booster	1.65 + Booster	280 x 313 x 333	N/A	13
B60, BA60	1.8	1.65	280 x 313 x 333	N/A	13
B, BA Home B H Home	1.35	1.24	280 x 313 x 333	N/A	13
Chilled Sparkling, Chilled models					
CS100	0.37	0.410	280 x 480 x 333	330 (500) [#] x 480 (520) [#] x 333 (373) [#]	36.5
C100	0.34	0.37	280 x 476 x 333	330 (500) [#] x 476 (520) [#] x 333 (373) [#]	24.2
C40	0.16	0.19	280 x 476 x 333	330 (500) [#] x 476 (520) [#] x 333 (373) [#]	24.2
CS Home	0.18	0.21	280 x 406 x 333	N/A	30
C Home	0.17	0.20	280 x 406 x 333	N/A	21

[#]Including vent tray, [absolute min. vent tray depth 490mm (limit of travel, may affect airflow)].
Please leave 60mm clearance above the rear of the Command Centre for all water connections.

Technical data

Electricity supply requirements

220-240V 50Hz AC (for power requirement see table above).

220 60Hz AC.

Country	Without Booster	With Booster
Australia	1x 220 - 240V AC 10A socket	2x 220 - 240V AC 10A sockets
UK	1x 220 - 240V AC 13A socket	2x 220 - 240V AC 13A sockets

Water supply pressure requirements

Component	Min - Max pressure, kPa (bar)	
	Australia	UK
HydroTap	170 (1.7) - 700 (7.0)	170 (1.7) - 500 (5.0)
Sparkling HydroTap	250 (2.5) - 700 (7.0)	250 (2.5) - 500 (5.0)
Vented Mixer Tap	300 (3.0) - 700 (7.0)	200 (2.0) - 500 (5.0)
Booster	200 (2.0) - 700 (7.0)	200 (2.0) - 500 (5.0)
Lime scale filter	200 (2.0) - 700 (7.0)	200 (2.0) - 500 (5.0)



UK models: A pressure limiting valve must be fitted for mains water pressures above the maximum limits stated above, in accordance with local plumbing regulations.

All other models (except UK): HydroTaps have an internal pressure limiting device to reduce the maximum mains regulated pressure, protecting the system against pressure surges above 500 kPa.

Water supply connection

1/2" BSP (G1/2)

Booster specification

Specification	Rating
Power 230V 50/60Hz	2.20 kW
Power 240V 50/60Hz	2.40 kW
Flow rate	1.2 L/m

Supplied parts checklist

BCS, BC, B, BA models

Parts supplied in the kit	HydroTap								
	BCS for Work	BCS H for Work	BCS for Home	BCS H for Home	BC for Work	BC H for Work	BC for Home	B, BA for Work	B, BA for Home
Tap									
HydroTap tap, pipes, tubes hoses and fittings	✓								
Vented Mixer Tap, hoses, fittings & instructions	✗	✓	✗	✓	✗	✓	✗	✗	✗
Mains Mixer Tap, hoses, fittings & instructions	Optional								
Command Centre									
Command Centre	✓								
Mains electrical supply cable	✓								
Water supply inlet hose	✓								
Water supply inlet adaptor and strainer	✓								
Ventilation kit (inc. vent tray, Chilled 60 - 100 models)	✓								
Water block kit	(UK only)								
CO ₂									
CO ₂ cylinder & instructions	✓		✓		✗				
CO ₂ regulator & hose	✓		✓		✗				
CO ₂ regulator adaptor*	(UK only)		✓		✗				
Booster									
Booster & hoses	Optional		✗		Optional		✗	Optional	✗
Filters									
Water filter & instructions	✓								
Lime scale filter kit	Optional								
Font									
Font kit	Optional								

Note Mains water isolation valve is not supplied with the kit.

Contact Zip for the full range of consumables and accessories.

Supplied parts checklist

CS & C models

Parts supplied in the kit	HydroTap			
	CS for Work	CS for Home	C for Work	C for Home
Tap				
HydroTap tap, pipes, tubes hoses and fittings		✓		
Vented Mixer Tap, hoses, fittings & instructions		✗		
Mains Mixer Tap, hoses, fittings & instructions		Optional		
Command Centre				
Command Centre		✓		
Mains electrical supply cable		✓		
Water supply inlet hose		✓		
Water supply inlet adaptor and strainer		✓		
Ventilation kit (inc. vent tray 100 models)		✓		
Water block kit		(UK only)		
CO₂				
CO ₂ cylinder & instructions	✓		✗	
CO ₂ regulator & hose	✓		✗	
CO ₂ regulator adaptor*	(UK only)		✗	
Booster				
Booster & hoses	✗		✗	
Filters				
Water filter & instructions		✓		
Lime scale filter kit		✗		
Font				
Font kit		Optional		

Note Mains water isolation valve is not supplied with the kit.
Contact Zip for the full range of consumables and accessories.



- Check if there is adequate space to install all of the components.
- Note Not all fittings are supplied with the appliance kit. Isolation valves are not supplied.
- Check the mains water pressure is within min / max requirements (see page [10](#)).
- Check the water quality to determine if extra filtration will be required.
- Note This product must be fitted to a wholesome water supply.
- Check the Command Centre rating plate and ensure correct power is available.
- Check the under counter cupboard floor supporting the Command Centre is adequate for its total weight, when full of water.



Before commissioning

- Check the system has been installed correctly.
- Check all plumbing fittings for water tightness.
- Ensure the outlet and vent pipes are positioned to drain correctly.
- Ensure there is adequate ventilation.
- Check all tubes and pipes from the Command Centre to the tap have a constant rise and there are no sags or kinks in the hoses.

Commissioning

- Flush the supply line before connecting.
- Turn on the water and check for leaks.
- Flush the filter(s).
- Activate / enable the booster (if fitted).
- Adjust the carbonation flow valve (sparkling models).
- Calibrate the safety sensor for boiling models (optional).
- Where applicable, programme the Command Centre to suit the customer's requirements.

Before installation



- Review of all the technical specifications.
- Ensure the under counter cupboard floor can support the product weight when full of water (allow an extra 3-8kg when full).
- Sufficient space in the cupboard to install the Command Centre and other components in accordance with these installation instructions. See Technical data, page 9 for dimensions. Make allowance for a booster if required.
- **Note** Check all cable and hose lengths against inlet /outlet positions before proceeding (see Section 4 for general layout).
- A Potable (wholesome) water supply connection with a minimum working pressure of: (see page 10 min. / max. water supply pressure) 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 Command Centre is installed.
- For the All-In-One Classic, Celsius and Mains mixer taps a hot and cold water supply are required. (see page 10 for min /max. water supply pressure).
- If external filtration or a lime scale protection filter is required, then it is important to allow extra space for it.
- The appliance must be placed with its base in a horizontal position.
- Ensure proper ventilation for CO₂ (see Important safety instructions, Warnings and regulatory information).

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

General product features

Thank you for purchasing a Zip HydroTap G5. Please read and follow these instructions carefully to ensure safe and trouble free operation.

If help and advice is required, contact your local service provider.

What is the Zip HydroTap G5 ?

This Zip HydroTap G5 is an electronically controlled, filtered, boiling, chilled and sparkling (functionality is dependant upon model purchased) drinking water system for the kitchen. The HydroTap G5 systems are under counter drinking water appliances with a dispensing tap mounted on a sink or worktop, which have been designed for commercial or residential applications. The HydroTap G5 utilises a conventional refrigerant compressor to chill the water and an immersion heating element to boil the water.

These units are NOT designed to be used solely as sanitary fixtures.

The Zip HydroTap G5 models which dispense boiling water are fitted with a tap mounted safety lock. In addition, there are various energy saving options accessible via the main menu. The system is equipped with a self-calibrating program which caters for altitude adjustment. The water filter and CO₂ gas cylinder (sparkling models) are disposable items which will require periodic replacement and are covered by a limited OEM warranty.

It is important that the installation be undertaken safely, correctly and completely in order to utilise all the benefits that the HydroTap G5 can provide. Classic taps can be ordered with the accessible tap head assembly, supplied with Braille caps.



2.1 Generic requirements

- The system must be provided with adequate ventilation and air circulation in order to operate efficiently.
- An exhaust outlet is necessary to provide a safe exhaust for refrigerant gas in the unlikely event of a leak.
- It is important to ensure that cool air is provided within the cabinet where the HydroTap is installed, under a forced ventilation system, to support removal of heat.
- Ventilation of hot air out of the cabinet is necessary to ensure the ambient temperature in the cabinet remains below 35°C.
- Continued operation at a higher temperature will affect the function and reduce the lifespan of internal components and increase the likelihood of failure.
- Should the temperature within the cabinet rise above 35°C, additional ventilation is required. Contact your local service provider for options (including additional vents and fan kit).

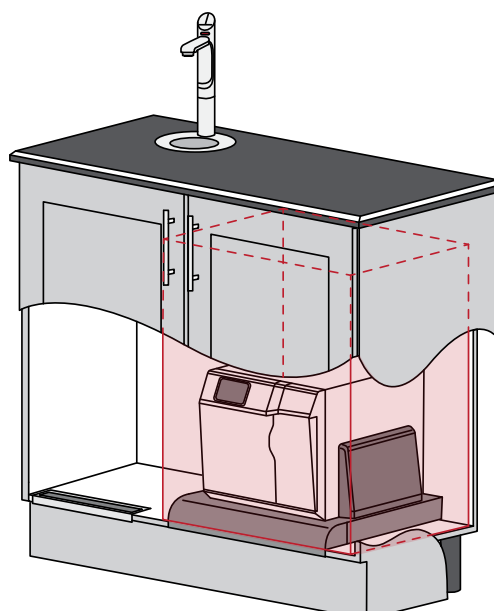
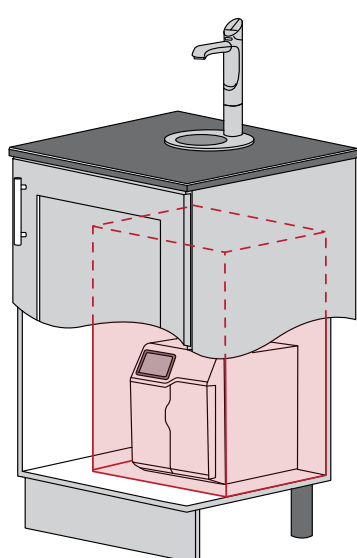
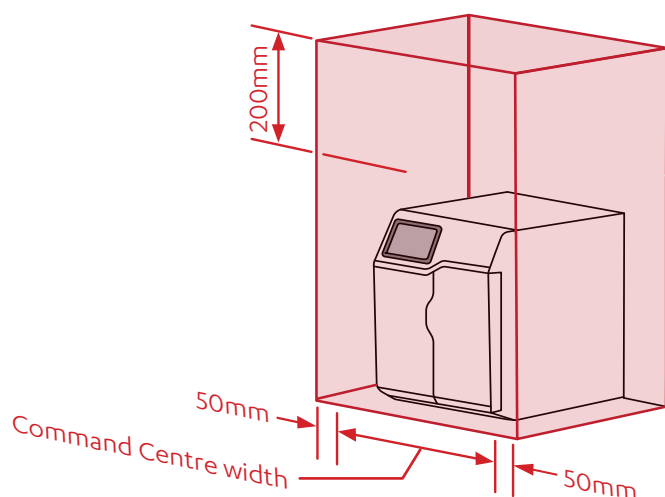


A clearance envelope around all Command Centres must be provided to allow ventilation for the safe and effective use of the HydroTap system.



Read and use the instructions and safety information supplied with individual kit components for a safe installation.

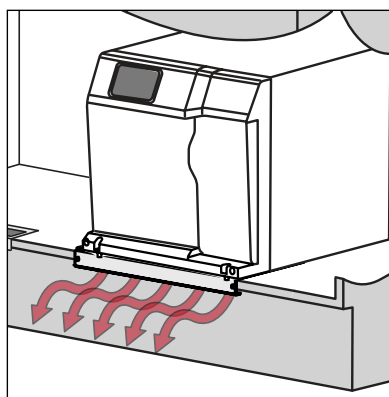
Clearance envelope



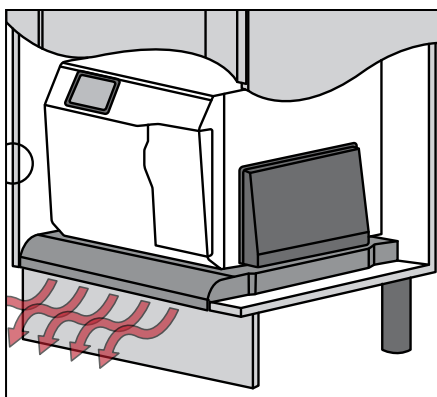
Ventilation systems

HydroTap is supplied with one of three ventilation systems. Follow the instructions to suit your model.

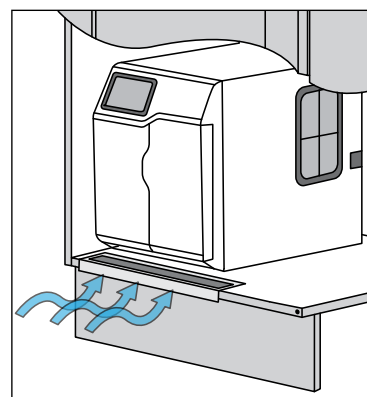
Front vent



Side vent & tray



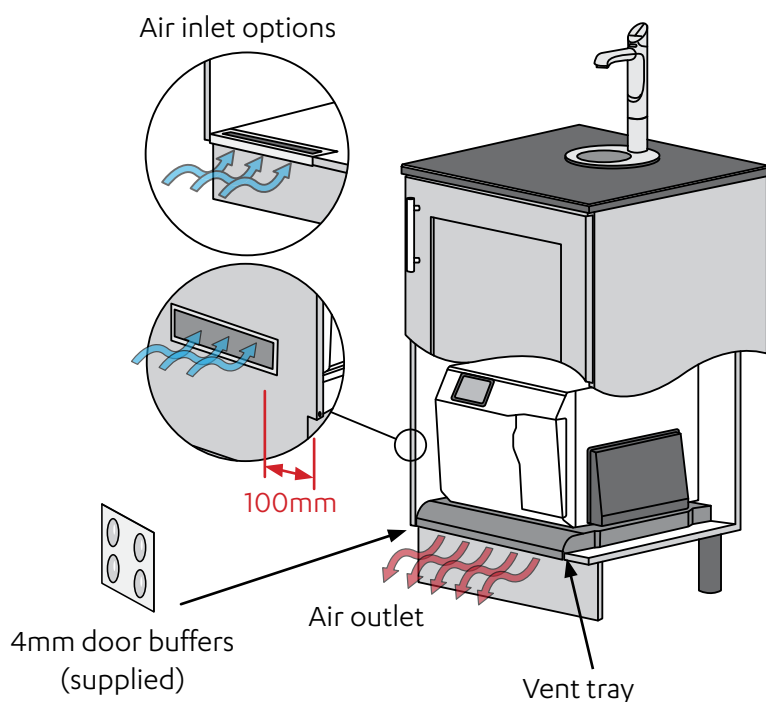
Ambient ventilation



2.2 Models with side vent and tray

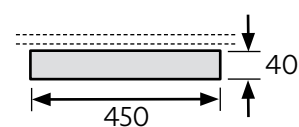
(BCS60, BCS100; BC40, BC60, BC100; CS100, C100)

- Cold air is drawn in through the inlet vent and gap provided by the door buffers.
- The inlet vent is positioned in the cupboard side, door or floor.
- Warm air is exhausted through vent tray.
- Observe 100mm inlet / outlet vent separation.



The supplied vent tray must be fitted. It provides a safe exhaust for refrigerant gas in the unlikely event of a leak.

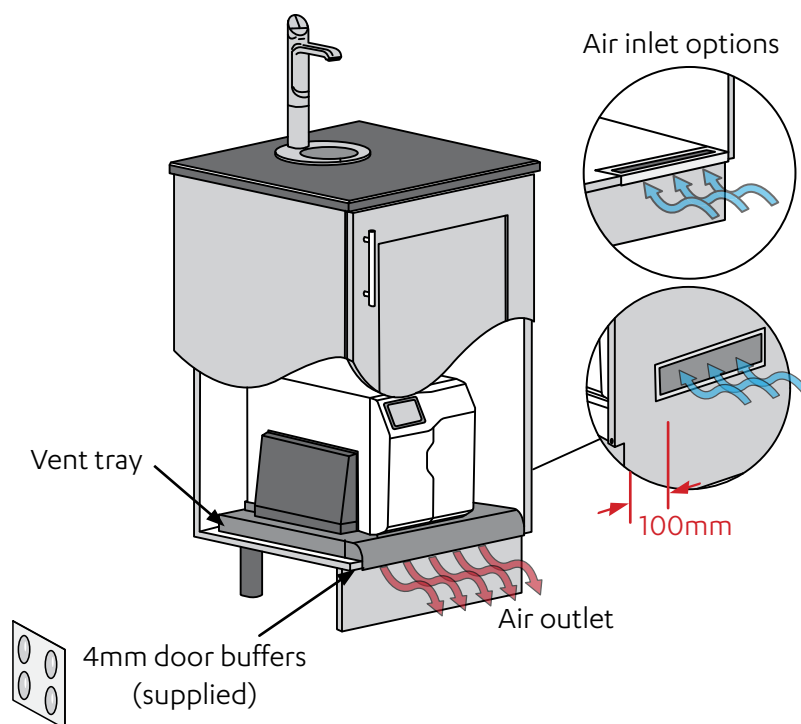
Vent tray exhaust cut-out



Vent tray dimensions

WxDxH (mm):

500 x *(515-555) x 40



*Absolute min. vent tray depth 490mm (limit of travel, may affect airflow).

2.3 Models with front vent

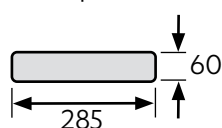
(BCS20, BCS30 & BCS Home; BC20, BC30 & BC Home, C40, CS Home, C Home)

- Cold air is drawn in through the inlet vent and gap provided by the door buffers.
- The inlet vent is positioned in the cupboard side, door or floor.
- Warm air is exhausted through the base of the Command Centre, through the cupboard floor cut-out.
- Observe 100mm inlet / outlet vent separation.



The cupboard exhaust must be cut out. It provides a safe exhaust for refrigerant gas in the unlikely event of a leak.

- a** Air inlet cut-out options (refer to the instructions provided with the vent grilles)



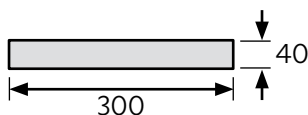
- b**
-

- c** Air exhaust vent cut-out.
Check size relative to your product.

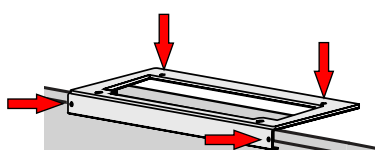
For Command Centre width 280mm



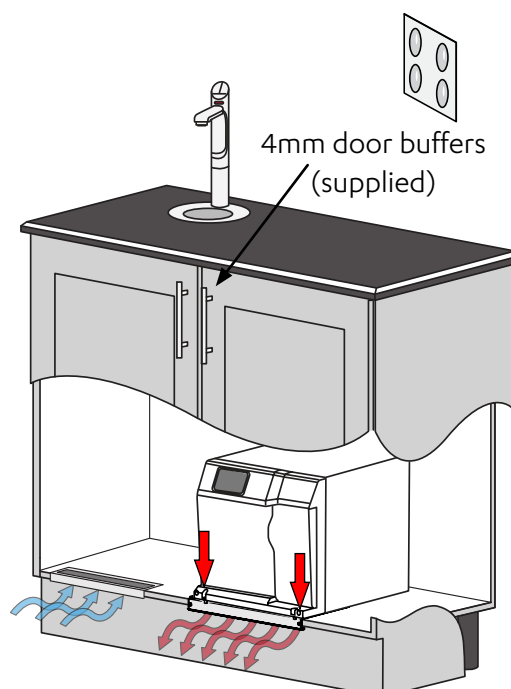
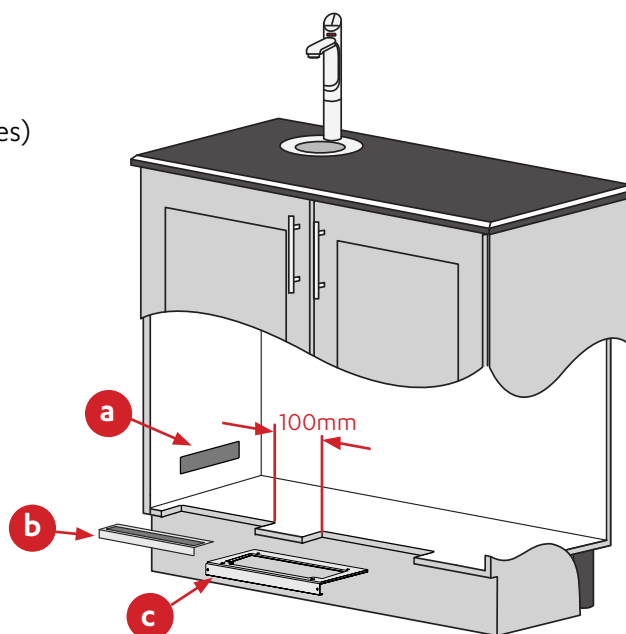
For Command Centre width 339mm



- Align the mounting plate to the edge of the cupboard floor, and secure with the 4 self-tapping screws supplied.



- Then, secure Command Centre to mounting plate with 2 screws supplied.



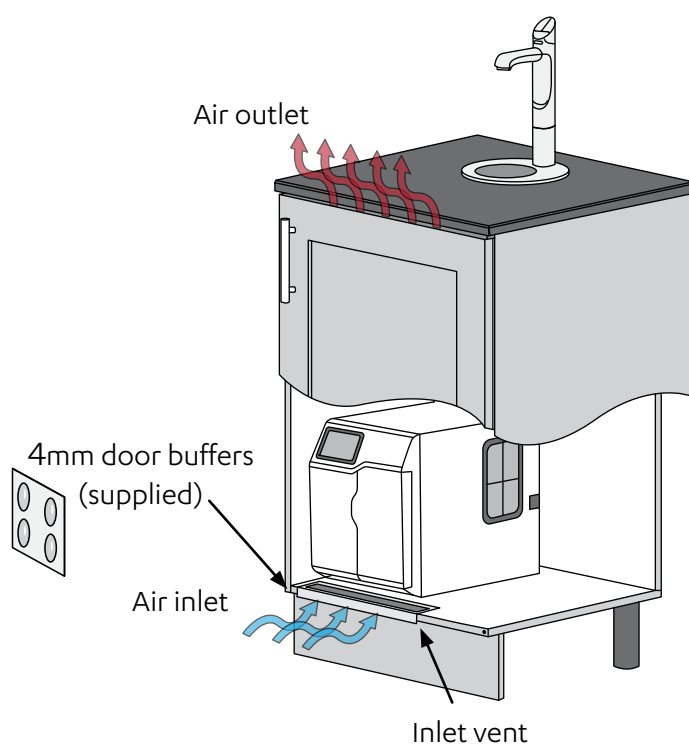
2.4 Ambient vented models

(BCS20, BCS30 & BCS Home; BC20, BC30 & BC Home, C40, CS Home, C Home; B60, B100, BA60, BA100, B Home, BA Home)



This ventilation system must NOT be used for Chilled models utilising R290 refrigerant, including ALL Chilled models sold in UK and Europe. In the unlikely event of a leak, this system will NOT adequately vent the refrigerant.

- Cold air is drawn in through the inlet vent (chilled models) and lower gap provided by the door buffers.
- The inlet vent is positioned in the cupboard side, door or floor.
- Warm air is exhausted through upper gap provided by the door buffers.



Section 3.1 - 3.2 Install Rail installation (UK only)

3.1 Description

- The install rails can be used to safely connect a wide range of water appliances to the mains water supply. The install rails include an isolation valve, double check valves, tamper proof pressure reducing valve pre-set to 0.3 MPa and a flood preventer with reset.

3.1.1 Specification

Technical data	95565	95201
Dimensions, length x dia.	350mm x 75mm	295mm x 75mm
Pressure rating	1.6 MPa, (16 bar), pre-set to 0.3 MPa, (3 bar) outlet	
Operating temperature range	1 - 32°C	
Connections	In 15mm, Out 1/2" BSP	In 15mm, Out 3/4" BSP
Maximum flow rate	30 l/min	
Minimum flow for flood preventer trip	2 l/min	
Water cut off range	5.0- 50.0l , preset to 10l	

3.1.2 Installation

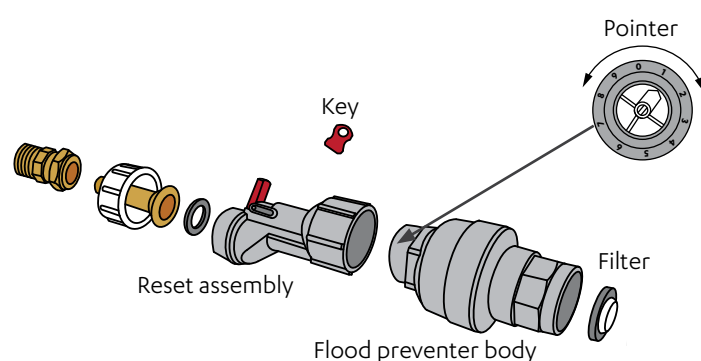


The install rail must be installed vertically with the direction of flow downwards (inlet at the top, outlet at the bottom).

- The install rail must be installed vertically, pointing downward.
- Connect the 15mm inlet connection (see diagram on next page) of the install rail to a wholesome (cat 1) cold mains water supply & then connect the outlet to the appliance : 95565 - 1/2" fittings.

3.1.3 Flood preventer trigger adjustment

- The flood preventer trigger flow rate is adjustable, and pre-set to 10l/min.

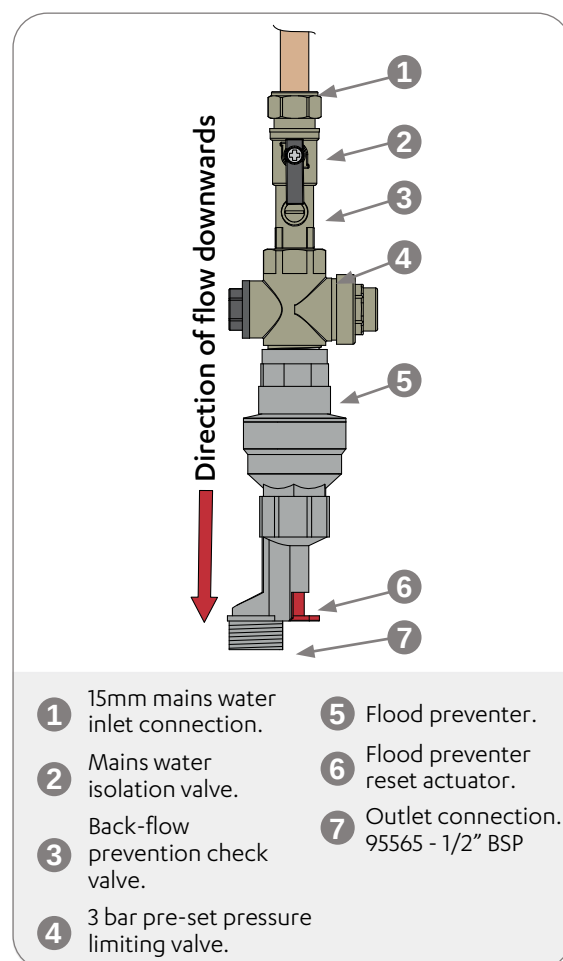


- To adjust the maximum flow rate of the flood preventer trigger :
- Turn off the mains water isolation valve.
- Unscrew flood preventer from isolation valve.
- Unscrew the reset assembly from the flood preventer body.
- Turn the pointer with the key supplied to the maximum acceptable flow rate.
- Scale :1 =5 l/min, 2 =10 l/min, 3=15 l/min etc.
- Upon re-assembly, ensure that the filter is clean and inserted correctly with the convex surface facing towards the water supply (see above).

3.2.5 Reset procedure

- The trigger will activate and shut off the supply if the flow rate exceeds the set point, to reset :
- Close the isolation valve on the install rail & identify and repair the leak.
- Press the reset actuator upwards, then open the isolation valve.

3.2 Install Rail features



Section 3.3 Connect to the water supply

3.3.1 Connect the braided hose to the mains water supply



Valves and fittings must be sealed with PTFE tape if compression seals are not included.



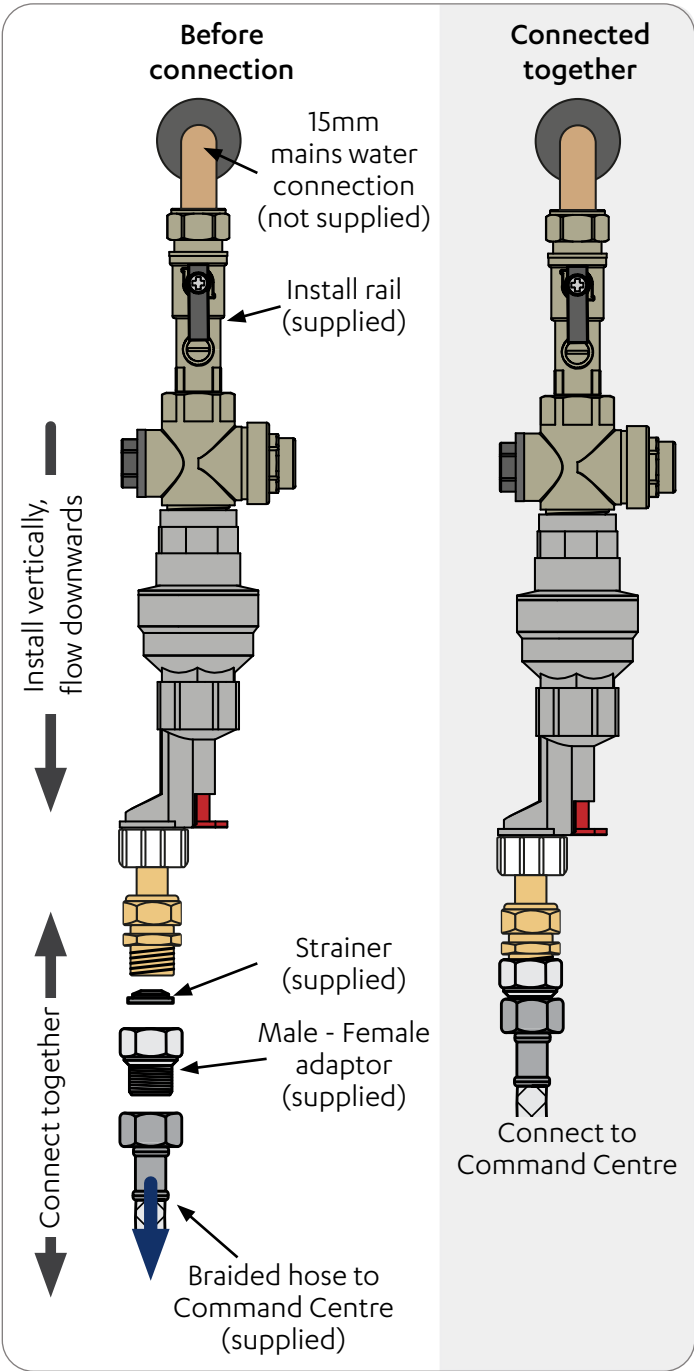
Note correct strainer orientation.

Note Mixer tap installations also use a ‘Tee piece’ as part of the water supply plumbing connections, see the Tap installation instructions supplied with the Mixer Tap to connect the water supply if using the mixer tap option.

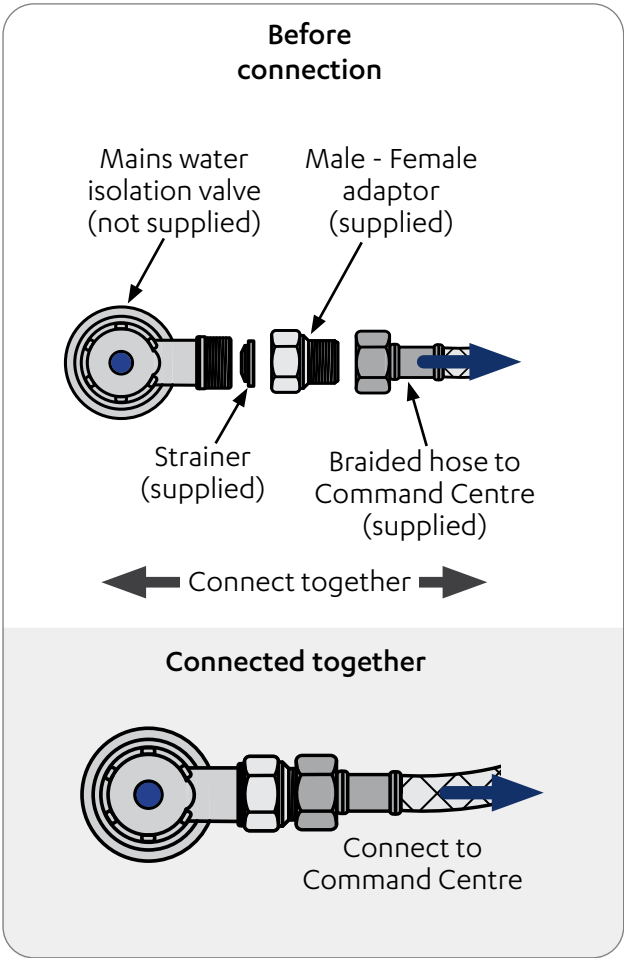
UK connections



Use instructions supplied with Install rail



Australia connections



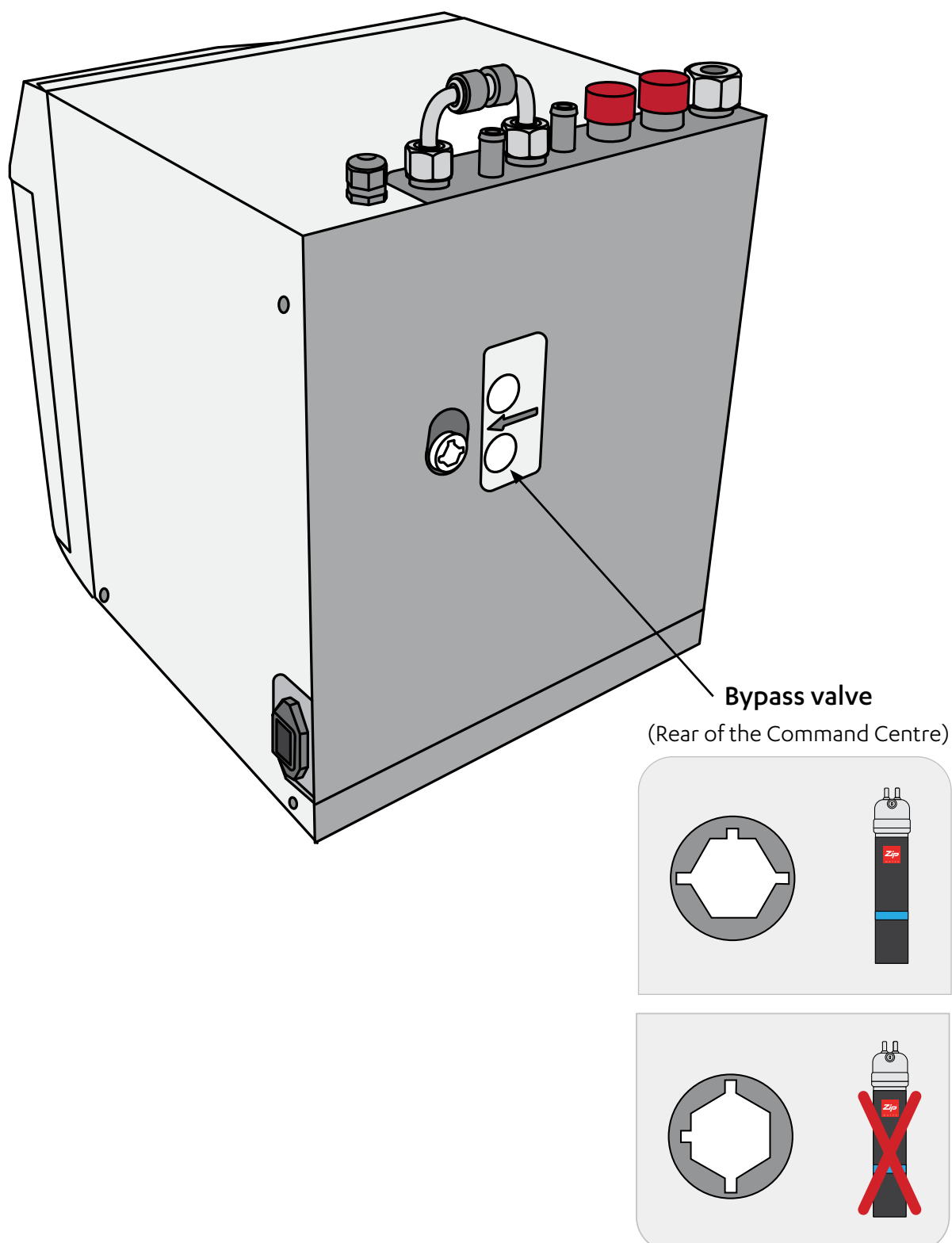
Section 3.4 Set the external Scale filter Bypass valve

3.4.1 External bypass valve

The following products have an external bypass valve

- Boiling and Ambient
- Boiling and Chilled
- Boiling, Chilled and Sparkling

The external 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 valve is located at the rear panel of the Command Centre.



3.5.1 Lime scale filter

Note UK only option.

An external lime scale filter may be fitted as an optional accessory to reduce the incidence of lime scale build up in the hot tank or may be supplied at the customer's request.



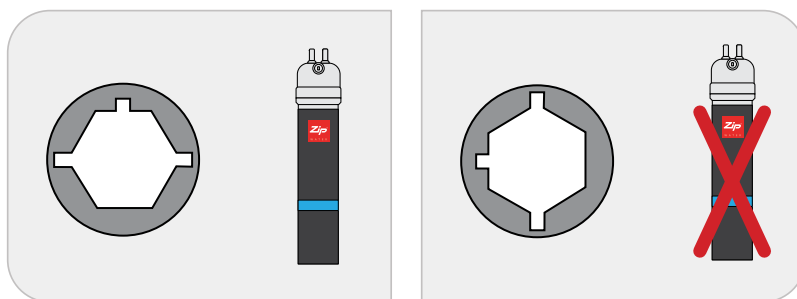
For Limescale filter installation instructions, scan the QR code on the Limescale filter carton.



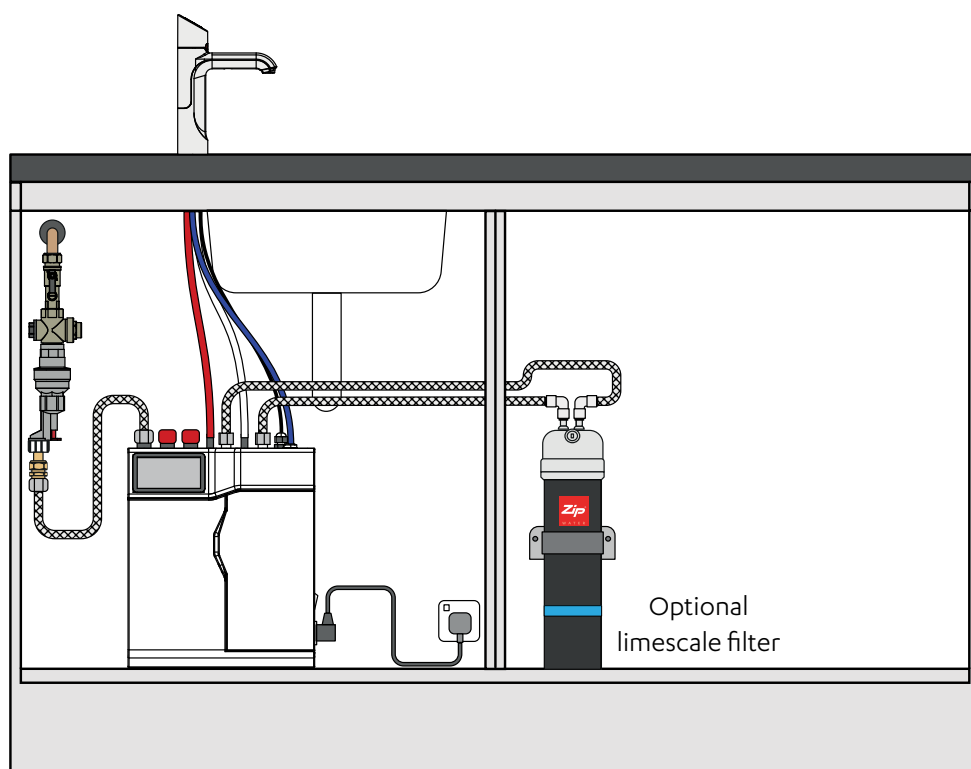
Place the filter in position vertically on a stable surface sufficiently robust to support its weight. Ensure that the fibre washers supplied are fitted in the threaded hose ends. Flush the filter before use.

Set the HydroTap Command Centre external bypass valve

(Rear of the Command Centre)



- If space is available, fit the limescale filter in the Command Centre cupboard.
- If space is limited, cut a hole through & fit the filter in an adjacent cupboard (see below).



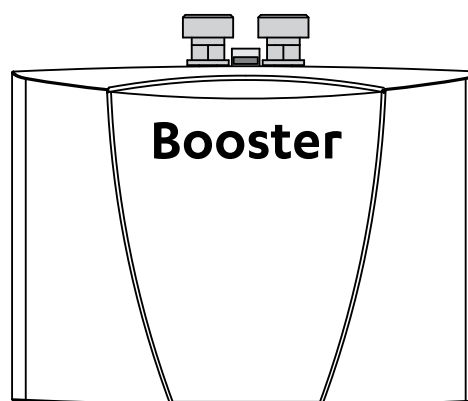
Section 3.6 Booster system installation



An external booster heater is supplied, or may be purchased as an upgrade to increase Boiling capacity, with selected commercial boiling models.

3.6.1 Booster description

The booster system is a compact electronically controlled auxiliary water heater. It is intended to provide pre-heating of water before it enters the Zip HydroTap G5 boiling tank. If the booster is used the boiling water output will be increased.



Note 1 Water connection blue cap - water in
red cap - water out.

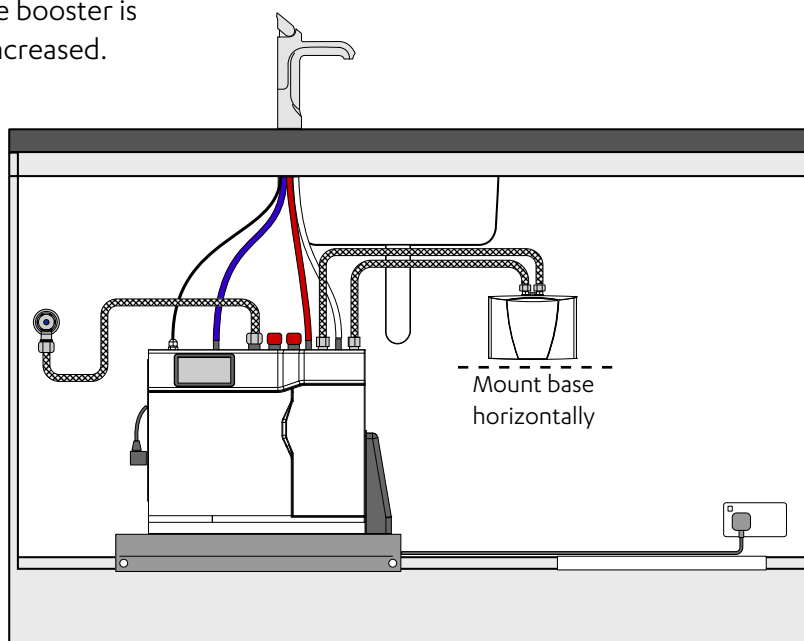
The braided hoses cannot be lengthened.

Note 2 The electrical cable length is 0.6m.

Note 3 Position the booster within reach of the fixed hose lengths, keeping the booster as close as possible to the Command Centre inlet / outlet connections.

Note 4 Ensure the booster is mounted in an upright position (as shown) with a horizontal base.

Note 5 Before you install a booster, determine whether an external water filter / softener is required. If an external water filter / softener is required, the external bypass valve must be set correctly, see page [23](#).



Booster specifications

	Rating	Unit
Nominal power rating	2.2	kW
Nominal current	10	A
Electricity supply 50Hz AC	230	V
Electrical flex, white - 0.6m nom. length	13	A
Fixed flow rate	1.2	L/min

Booster connections

- Cold water into Booster, connect to Command Centre BYPASS OUT.
- Hot water out of Booster, connect to Command Centre BYPASS IN.

3.6.2 Installation procedure

Site requirements

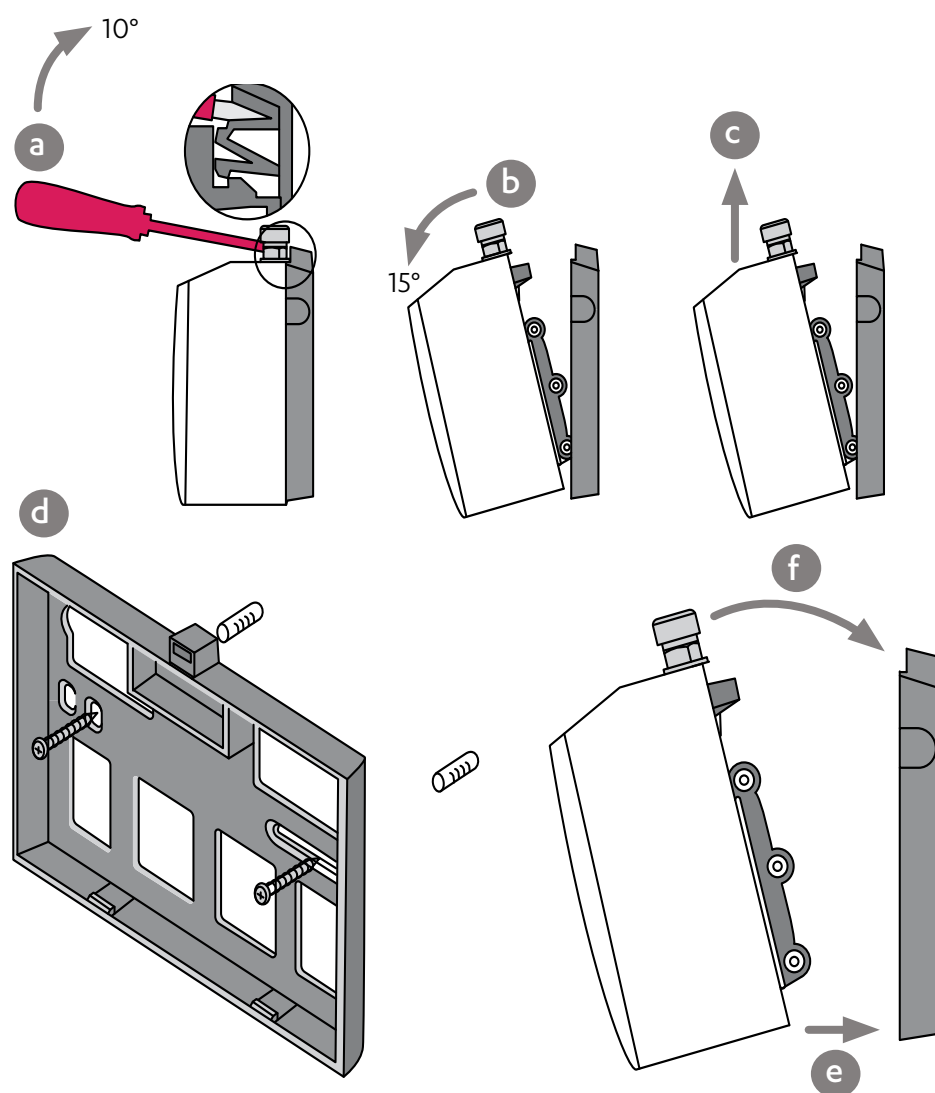
- Booster must only be installed in a frost-free area. Never expose booster to frost.
- The booster is designed for wall mounted installation and must be installed with water connectors facing upwards.
- The booster is protected against water ingress to class IP 25.
- The braided hoses supplied with the booster 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.

3.6.3 Booster installation see diagrams below

- To remove the mounting chassis, insert a flat blade screwdriver all the way into the lock.
- Gently angle the screwdriver upwards by approximately 10°.
- Pull the booster forwards by approximately 15°. Carefully pull the booster upwards to complete the removal process. Take care not to break the lower clips.
- Attach the mounting chassis horizontally to the wall / cupboard wall.
- To install, clip the booster into the on the mounting chassis and snap into position (see installation below).

Note Remove the wall mounting chassis from the rear of the booster for wall mounting.

Note Take care not to break the lower clips when removing or installing the booster.



Note 1 This appliance is intended for use with the Zip HydroTap G5 Command Centre.

Note 2 Water connections must be pointing vertically upwards.

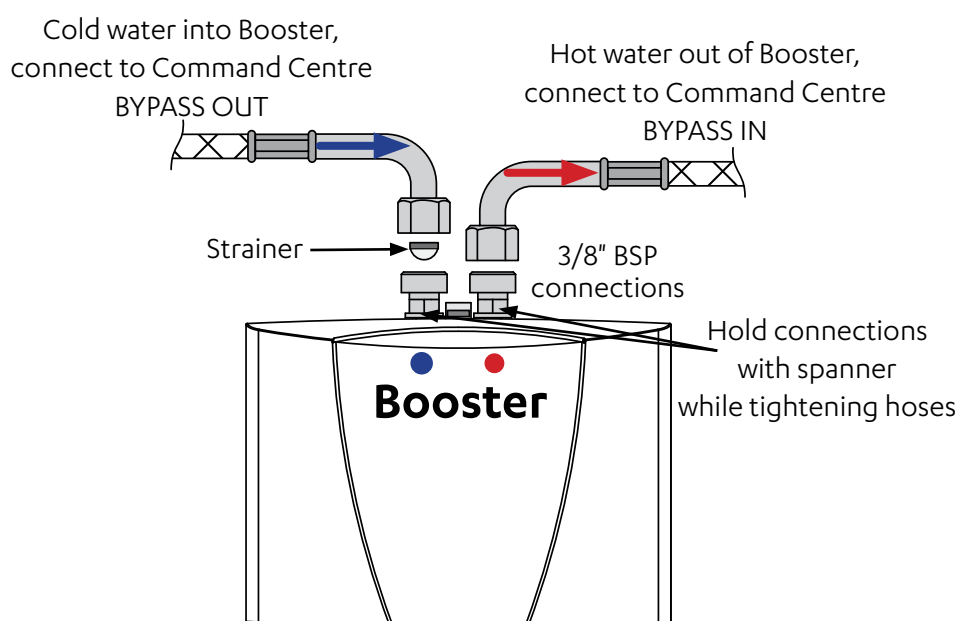
Note 3 The booster unit should be installed as close as possible to the Zip HydroTap G5 as the connection hoses cannot be lengthened.

3.6.4 Braided hose connections

- The cold water inlet (blue cap) and hot water outlet (red cap) are marked on the rating plate. Connect the braided hoses from the 'BYPASS OUT' fitting on the Command Centre to the water inlet of the booster (blue cap) and from the outlet of the booster (red cap) to the 'BYPASS IN' fitting on the Command Centre. Avoid exerting mechanical force on the booster. This can be achieved by using a spanner on the flats of the inlet and outlet connections when tightening the braided hose connectors.
- Do not over-tighten ! Tighten the braided hoses by hand, then turn a further 90° to 180° with a spanner.
- Once the water connections have been made, check for any leaks and rectify as necessary.



- Do not over tighten hose connections.
- Braided hoses supplied cannot be lengthened.

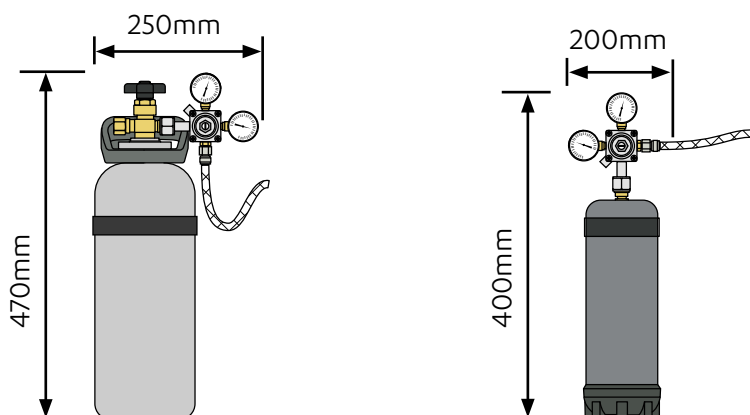




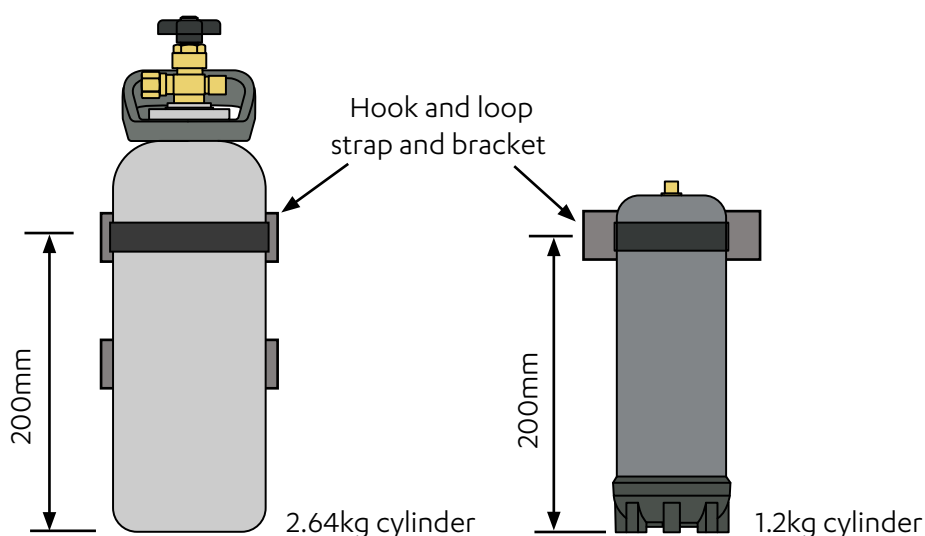
Be aware of the risks of hazards which could cause harm when handling compressed CO₂. Read the safety warnings at the start of this instruction manual. Assess the risks before starting the installation.

3.7.1 Secure the cylinder

- Ensure there is sufficient space to safely secure the cylinder and regulator.



- Secure cylinder vertically to a robust surface with the hook & loop strap and bracket supplied.



3.7.2 Fit the regulator and connect the gas hose

- Ensure all mating surfaces are clean.
- Turn the regulator OFF, (fully anticlockwise).
- Check the regulator and hose seals, inside the connectors.
- Carefully screw the regulator onto the cylinder connection.
- For the 1.2kg cylinder, insert and rotate the cylinder into the regulator until you feel the initial resistance to rotation, then turn a 1/2 turn further.
- Excessive tightening repeated several times could be detrimental to the life of the seal.
- For the 1.2kg cylinder use the adaptor supplied.
- Connect the gas hose to the regulator.
- Connect the gas hose to the Command Centre .

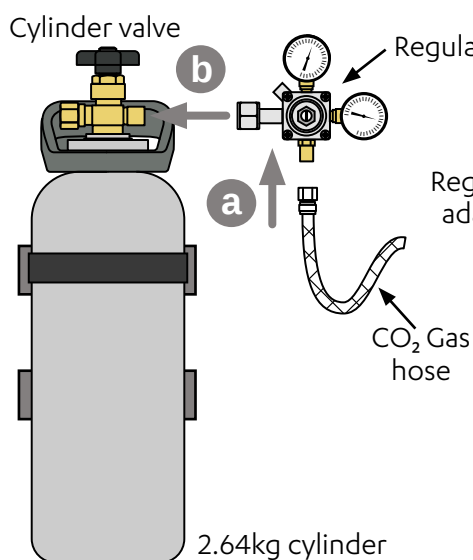


Do not proceed if the seals are damaged.**

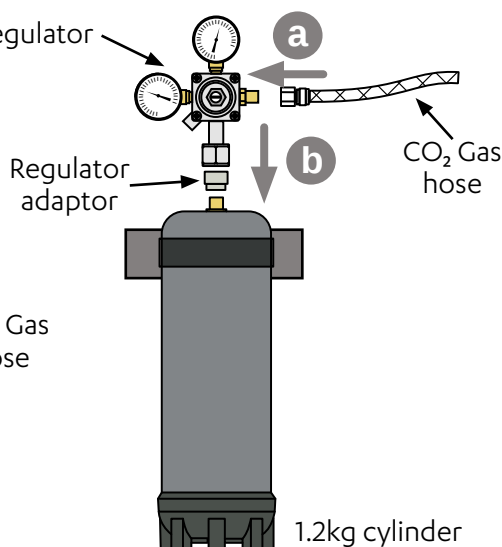
Take care not to cross thread the regulator. A cross threaded regulator poses a potential hazard.

**** A washer/seal kit (part no. 95267) is available for 1.2Kg CO₂ regulator , if required).**

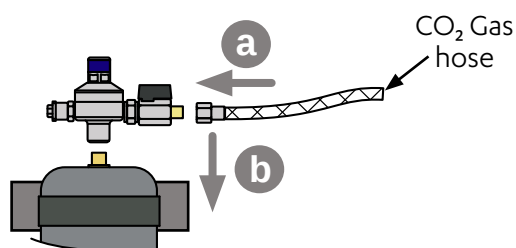
2.64kg cylinder



1.2kg cylinder

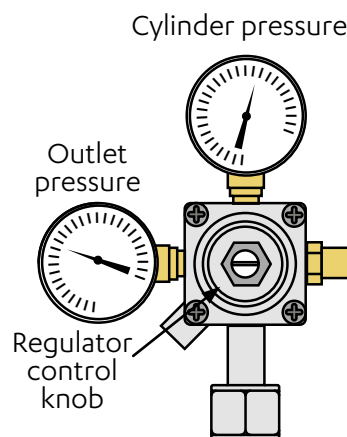


Non-adjustable 1.2kg cylinder regulator

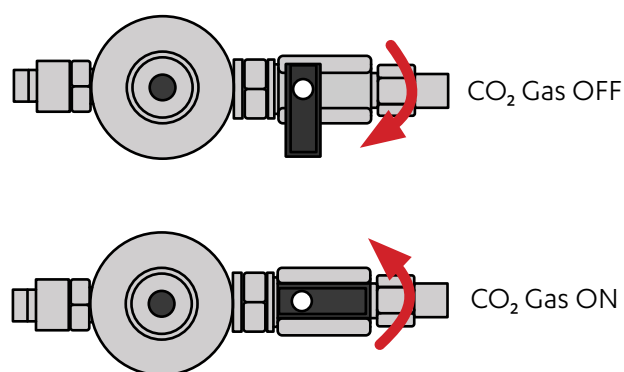
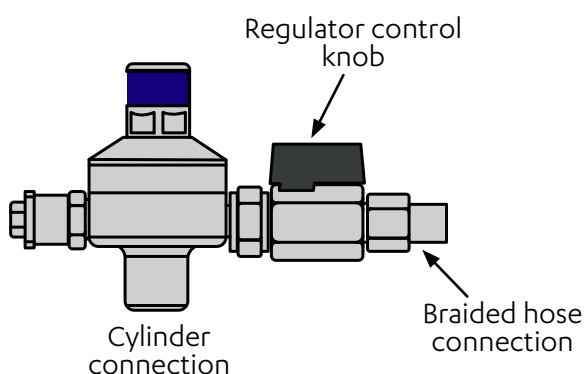


3.7.3 Adjust the Universal G5 regulator

- Check the regulator is turned all the way OFF (anti-clockwise).
- Turn the gas ON using the cylinder valve, (anti-clockwise). (dual-gauge regulator).
- Turn the regulator control knob (clockwise +) to adjust the outlet pressure to 3.0 bar on the outlet pressure gauge.



3.7.4 1.2kg cylinder Non-adjustable regulator



3.7.5 Test for leaks

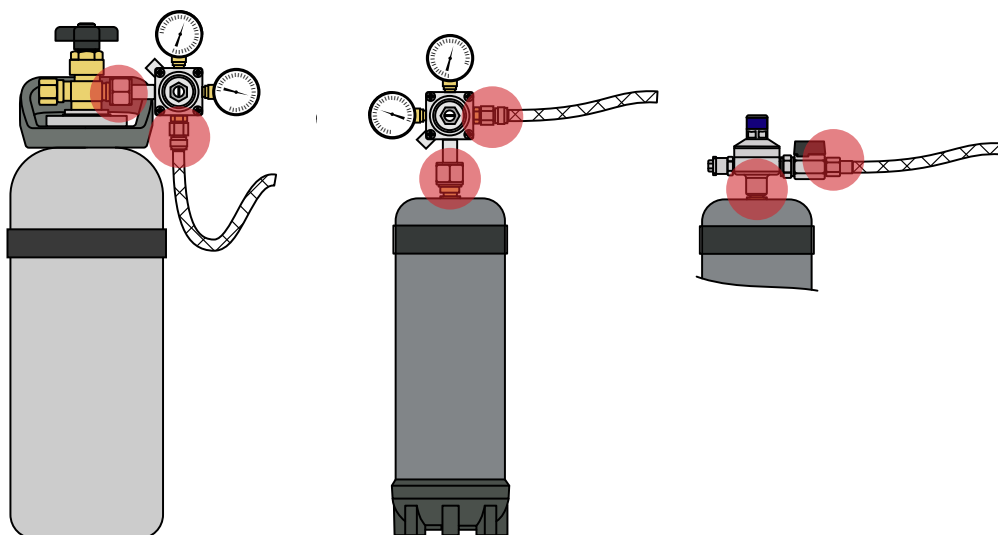


Care must be taken when working with high pressure carbon dioxide, and in no case should the normal operating pressure of 3.0 bar be exceeded.

- Apply soapy water to the gas connections (see below), using a sponge or brush.
- If there is a leak, bubbles will appear. In the case of a leak, turn OFF the gas, clean away the soapy residue and re-seal the leaking connection.



Test for leaks in these areas



Section 3.8 Font installation

Using these instructions

Please refer to all safety and installation requirements detailed at the start of this installation manual prior to installation of, or any change to, the complete system.



WARNING



Read the instructions

Before commencing the installation download and read the HydroTap installation instructions.

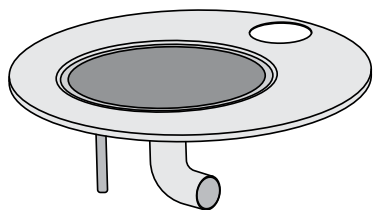
Font models

There are three font models for the HydroTap, Font, Raised font, and Standalone font, these can be supplied as part of the complete system, but are also available as an optional extra or upgrade, in colours to match the HydroTap.

Font See Section 3.8.1

Compatible HydroTaps

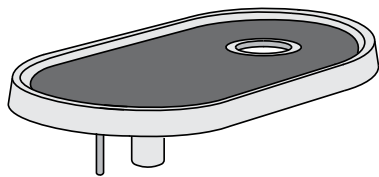
Classic, Classic Plus, Elite Plus, Miniboil, Touch-Free Wave



Raised font See Section 3.8.2

Compatible HydroTaps

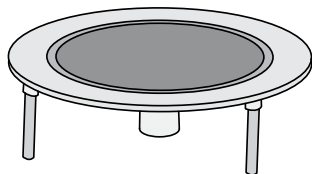
Classic, Classic Plus, Elite, Elite Plus, Miniboil, Touch-Free Wave



Standalone font See Section 3.8.3

Compatible HydroTaps

Arc Plus, Cube Plus, Classic, Classic Plus, Elite, Elite Plus, Micro, Touch-Free Wave



Section 3.8 Font installation

3.8.1 Font installation

Tools needed for Font installation (not supplied)



Be aware of the risks of hazards which could cause harm when using tools.
Assess the risks before starting the installation.

In addition to normal tools, the following (or equivalent equipment) will be required.

- 35mm diameter hole saw for tap mounting hole.
- 108mm diameter hole saw for Font mounting hole.
- 13mm diameter drill for drainage point.
- 10mm drill for Font mounting stud clearance holes.
- Tube spanner for fixing the Font assembly.

Parts supplied in the kit

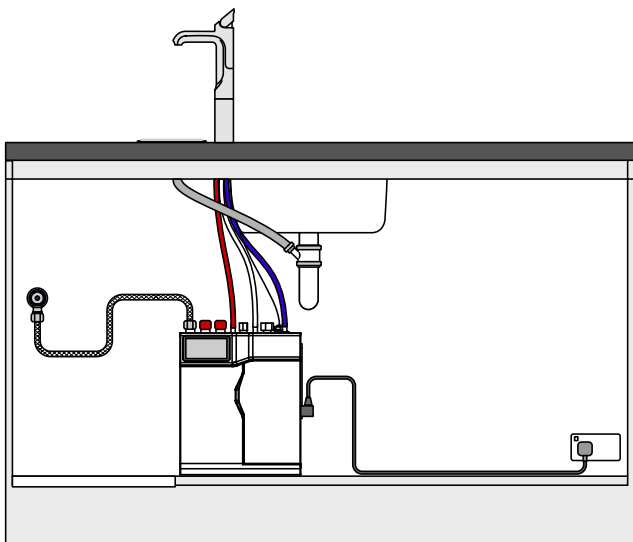
Qty	Description
1	Font body, detachable Font grille & extension piece
1	Mounting nut and washer
1	Stud extension & link nut
1	Pipe branch attachment
2	Worm drive clamps for pipe branch attachment
2	Worm drive clamps for flexible drain hose
3	Clear silicone tubes and stainless steel tube adaptors (135mm tap extension kits)
1	Transparent film template (part no. 89760)
1	Drain hose PVC 19mm ID

Positioning



Ensure that Font is positioned to minimise the risks of scalding by dispensing boiling water while using the tap.

- Position Tap and Font using the template provided.
- Position Command Centre and Tap as close together as possible.

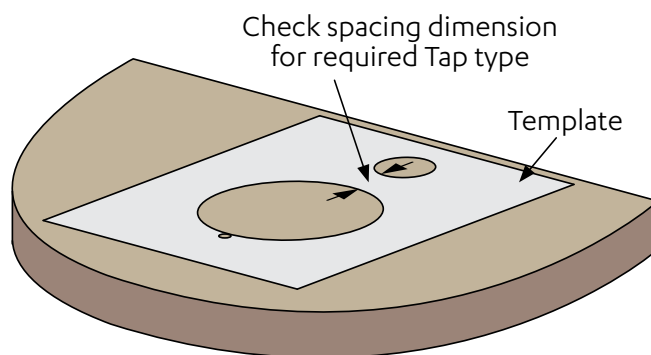


Mark out the Font position



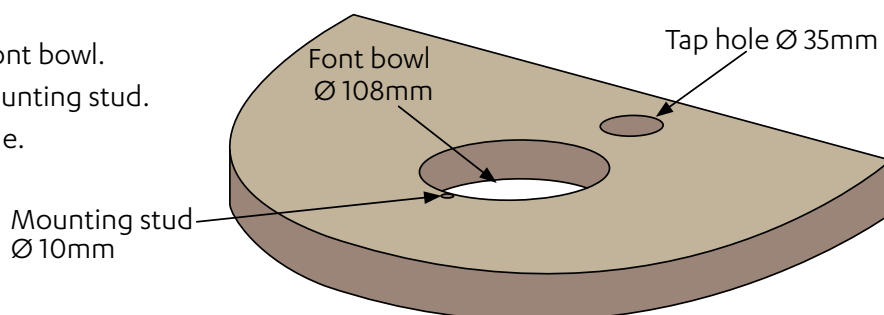
Refer to HydroTap installation instructions

- Place the transparent film template (supplied) in position on the work surface.
- Mark out the hole positions and centres.



Cut the holes

- 108mm diameter clearance for Font bowl.
- 10mm diameter clearance for mounting stud.
- 35mm diameter tap clearance hole.



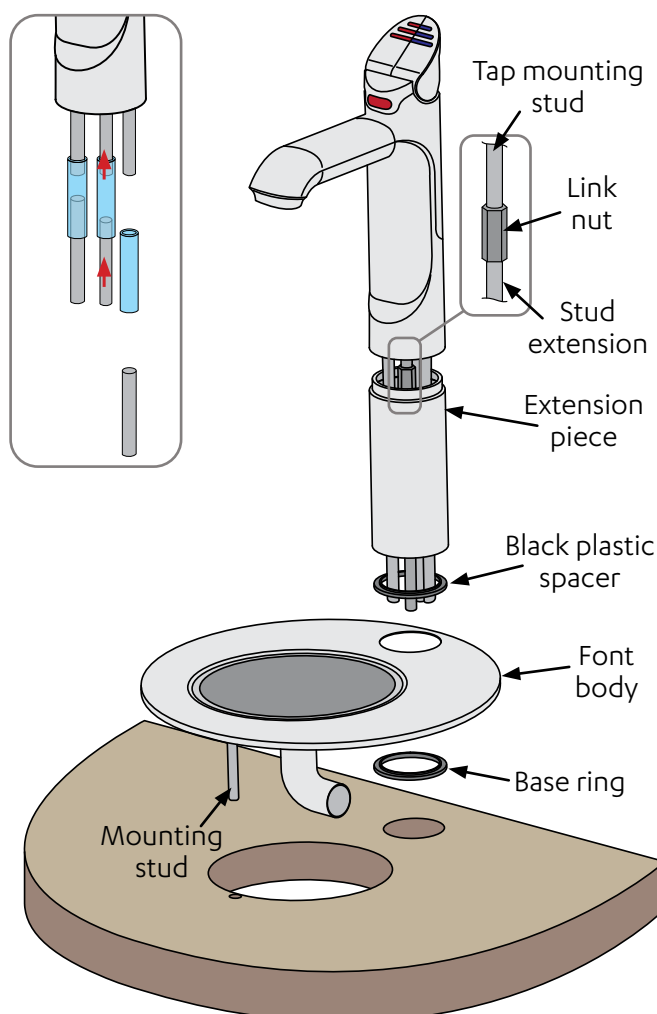
Mount the font

- Remove the spider clamp, fixing nut, fixing washer and black plastic spacer from the Tap assembly.



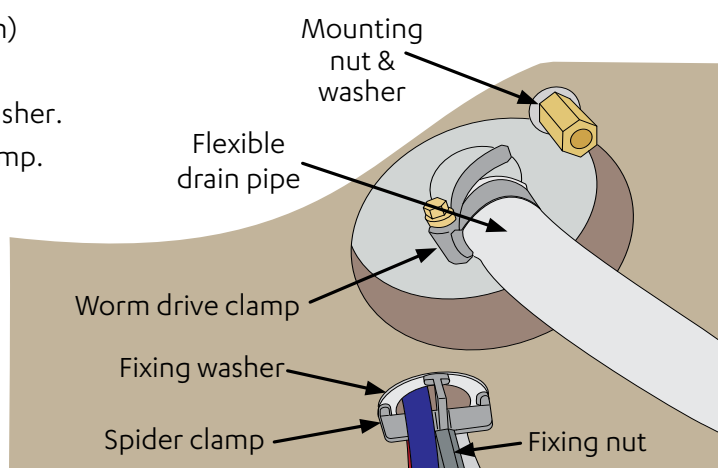
Refer to the installation instructions supplied with the HydroTap for identification

- If required, extend the water tubes from the Tap using silicone and metal tubes, as shown.
- Connect the extension stud to the Tap with the link nut, as shown.
- Apply light film of silicone sealant around the Font Tap hole.
- Clip the black plastic spacer and base ring together on either side of the Font Tap hole.
- Feed the Tap pipes, stud, and cable through the extension, Font & Tap holes.
- Apply silicone sealant to Font rim.
- Press Tap & Font into position.
- Align Tap spout centrally on the Font.



Secure Font & Tap, attach drain (underneath)

- Secure Font with mounting nut and washer.
- Secure Tap with spider clamp, fixing nut and washer.
- Secure flexible drain pipe with a worm drive clamp.
- Ensure braided clear reinforced tubing is used.
- If required, use the elbow fitting (supplied) under the Font to prevent hose kinks.
- Maximum tube length should not exceed 1 metre.

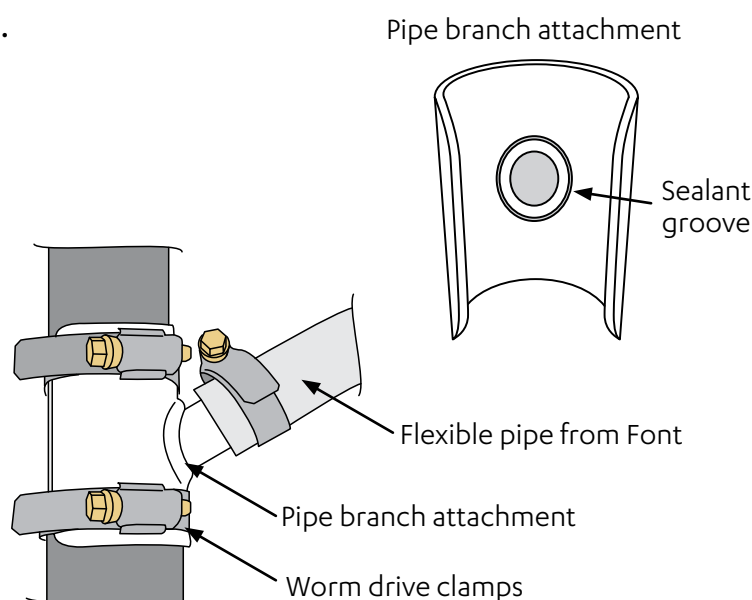


Prepare the drainage point



**Position upstream of a drain trap.
Drain pipe must have a constant fall.
Ensure there are no kinks or sags.**

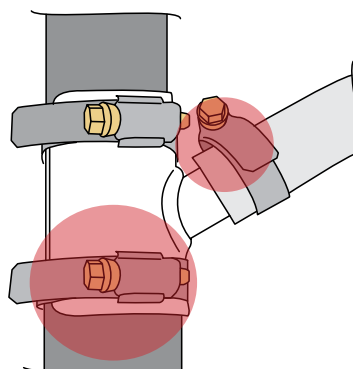
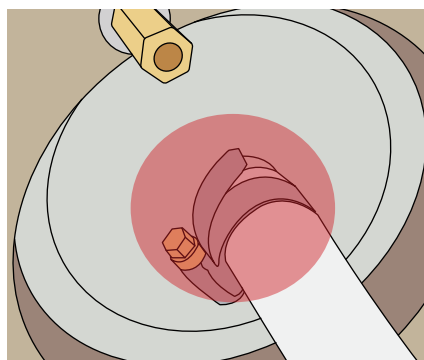
- Locate pipe branch attachment temporarily in position on vertical pipe, upstream from a drain trap.
- Mark spigot hole position, remove attachment & drill out 13mm diameter.
- Apply sealant to spigot groove.
- Ensuring spigot is pointing upwards, snap attachment into place over hole.
- Ensure excess silicone is cleared at drain entry before final hose connection.
- Secure with worm drive clamps.
- Attach drain pipe to spigot.
- Secure with worm drive clamp.



Test for leaks



Test for leaks here, re-seal if required.



Cleaning and general maintenance

Wipe surfaces with a damp cloth and then wipe dry with a clean, dry cloth. Do not use disinfectant sprays without wiping dry afterwards.

Note If you are experiencing drain-away issues after correct installation, you can consider installing an AAV (Air Admittance Valve) in accordance with your local plumbing code.

Section 3.8 Font installation

3.8.2 Raised Font installation

Tools needed for Font installation (not supplied)



Be aware of the risks of hazards which could cause harm when using tools.
Assess the risks before starting the installation.

In addition to normal tools, the following (or equivalent equipment) will be required.

- 35mm diameter hole saw for tap mounting hole.
- 86mm diameter hole saw for Font mounting hole.
- 13mm diameter drill for drainage point.
- 10mm drill for Font mounting stud clearance hole.
- Tube spanner 6mm (supplied).

Parts supplied in the kit

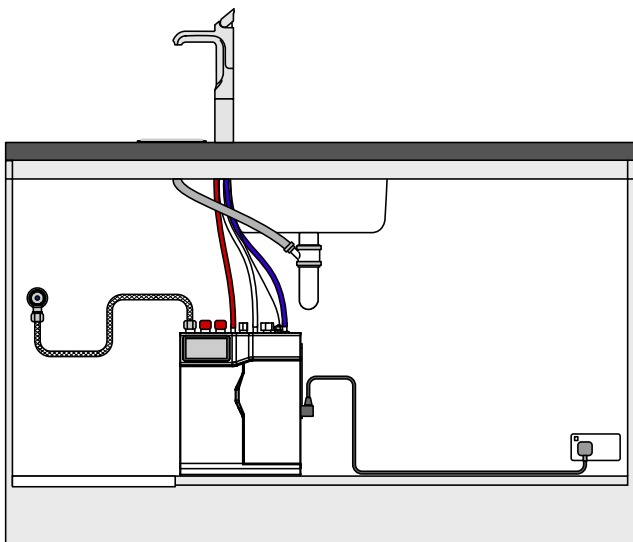
Qty	Description
1	Font body, detachable Font grille & extension piece
1	Mounting stud, nut and washer
1	Extension & link nut
3	Clear silicone tubes and stainless steel tube adaptors (135mm tap extension kits)
1	Pipe branch attachment
2	Worm drive clamps for pipe branch attachment
2	Worm drive clamps for flexible drain hose
1	Benchtop cutting template (part no. 809249)
1	Tube spanner
1	Elbow fitting for drain inc. 2 worm drive clamps
1	Drain hose PVC 19mm ID

Positioning



Ensure that Font is positioned to minimise the risks of scalding by dispensing boiling water while using the tap.

- Position Tap and Font using the template provided.
- Position Command Centre and Tap as close together as possible.

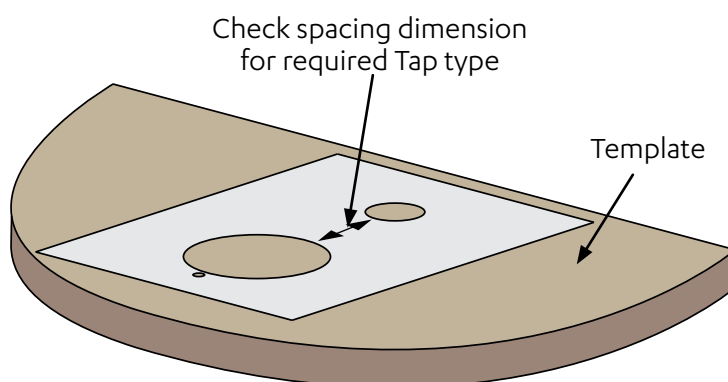


Mark out the Font and Tap positions



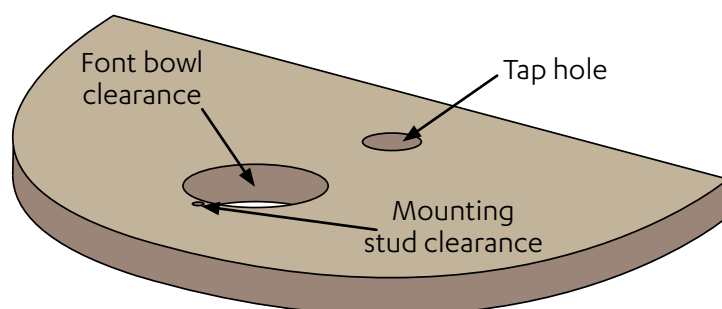
Refer to the installation instructions supplied with the HydroTap for its installation

- Place the transparent film template (supplied) in position on the work surface.
- Mark out the hole positions and centres.



Cut the holes

- 86mm diameter clearance for Font bowl.
- 10mm diameter clearance for mounting stud.
- 35mm diameter Tap clearance hole.



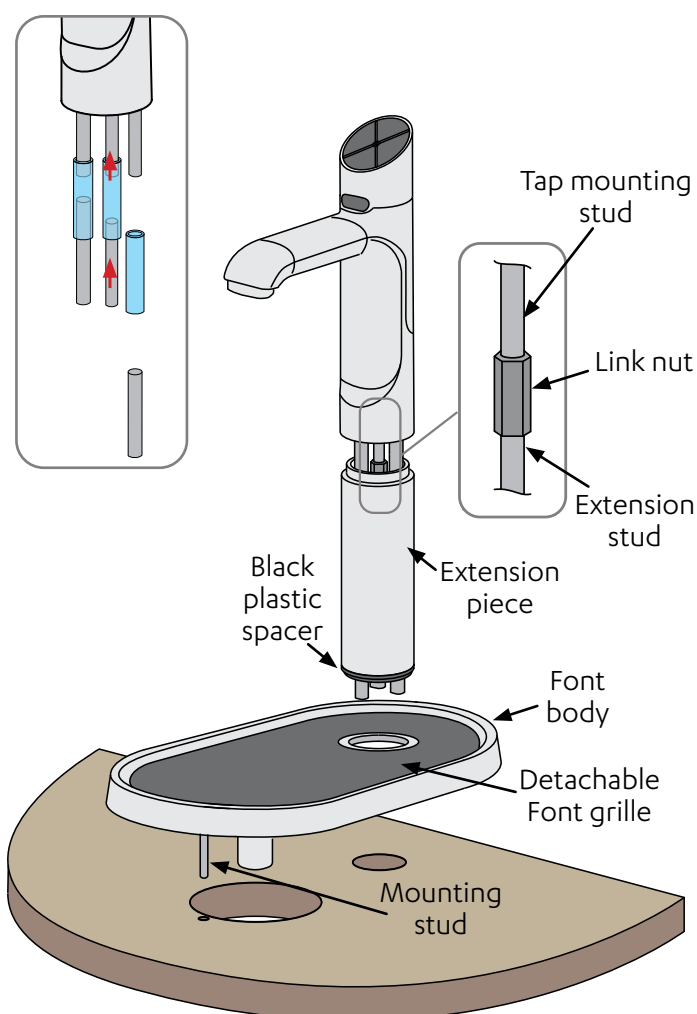
Mount the font

- Remove the spider clamp, fixing nut, fixing washer and black plastic spacer from the Tap assembly. Use tube spanner supplied



Refer to the installation instructions supplied with the HydroTap for identification

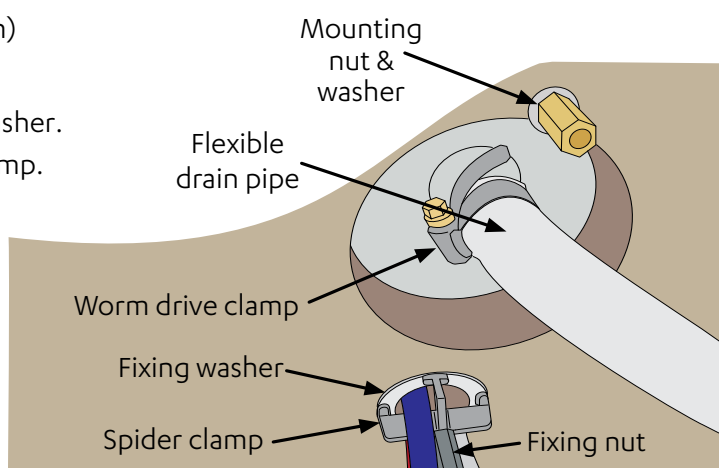
- If required, extend the water tubes from the Tap using silicone and metal tubes, as shown.
- Connect the extension stud to the Tap with the link nut as shown adjacent.
- Clip the black plastic spacer onto the bottom of the Tap extension.
- Screw the mounting stud into the Font body.
- Apply a light coat of silicone sealant to the base rim of the Font.
- Feed the Tap pipes, stud, and cable through the extension, Font & Tap holes, and press Tap & Font firmly into position.
- Align Tap spout centrally on the Font.



Section 3.8 Font installation

Secure Font & Tap, attach drain (underneath)

- Secure Font with mounting nut and washer.
- Secure Tap with spider clamp, fixing nut and washer.
- Secure flexible drain pipe with a worm drive clamp.
- Ensure braided clear reinforced tubing is used.
- If required, use the elbow fitting (supplied) under the Font to prevent hose kinks.
- Maximum tube length should not exceed 1 metre.

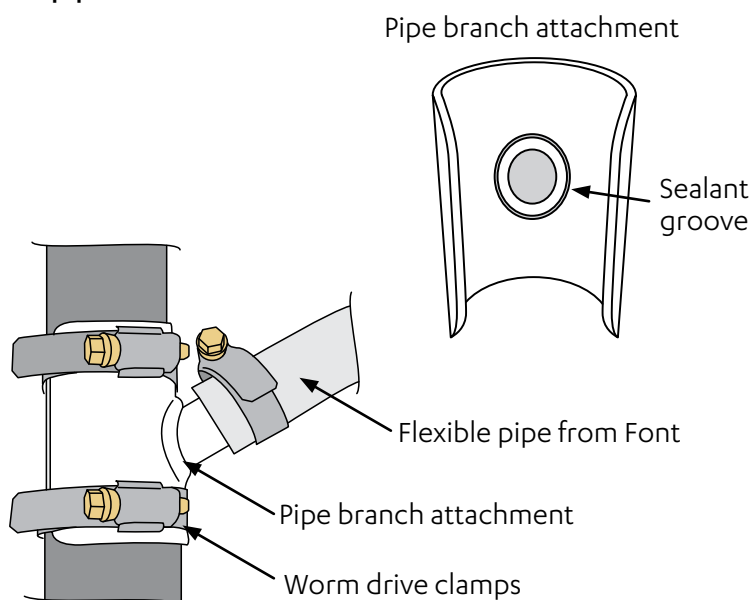


Prepare the drainage point



Position upstream of a drain trap. Drain pipe must have a constant fall.
Ensure there are no kinks or sags.

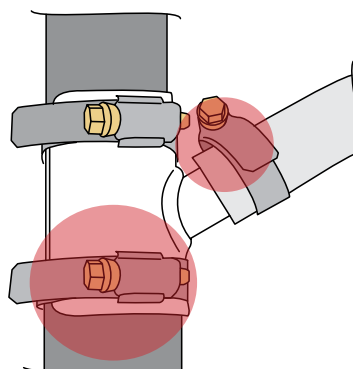
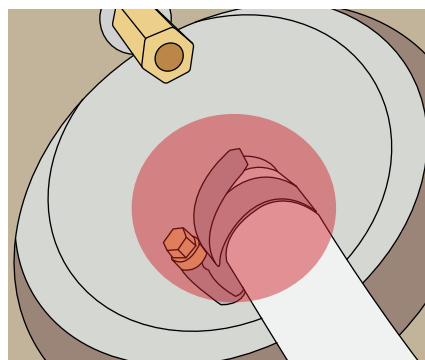
- Locate pipe branch attachment temporarily in position on vertical pipe, upstream from a drain trap.
- Mark spigot hole position, remove attachment & drill out 13mm diameter.
- Apply sealant to spigot groove.
- Ensuring spigot is pointing upwards, snap attachment into place over hole.
- Ensure excess silicone is cleared at drain entry before final hose connection.
- Secure with worm drive clamps.
- Attach drain pipe to spigot.
- Secure with worm drive clamp.



Test for leaks



Test for leaks here, re-seal if required.



Cleaning and general maintenance

Wipe surfaces with a damp cloth and then wipe dry with a clean, dry cloth. Do not use disinfectant sprays without wiping dry afterwards.

Note If you are experiencing drain-away issues after correct installation, you can consider installing an AAV (Air Admittance Valve) in accordance with your local plumbing code.

Section 3.8 Font installation

3.8.3 Standalone Font installation

Tools needed for Font installation (not supplied)



Be aware of the risks of hazards which could cause harm when using tools.
Assess the risks before starting the installation.

In addition to normal tools, the following (or equivalent equipment) will be required.

- 35mm diameter hole saw for tap mounting hole.
- 140mm diameter hole saw for Font mounting hole.
- 13mm diameter drill for drainage point.
- 10mm drill for Font mounting stud clearance holes.
- Tube spanner for fixing the Font assembly.

Parts supplied in the kit

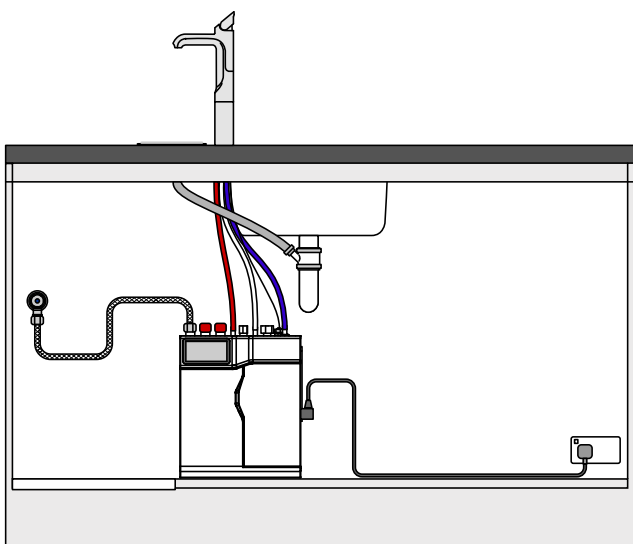
Qty	Description
1	Font body
1	Detachable Font grille
3	Mounting studs
3	Mounting nuts
3	Mounting washers
1	Pipe branch attachment
2	Worm drive clamps for pipe branch attachment
2	Worm drive clamps for flexible drain hose
1	Transparent film template (part no. 806988)
1	Drain hose PVC 19mm ID

Positioning



Ensure that Font is positioned to minimise the risks of scalding by dispensing boiling water while using the tap.

- Position Tap and Font using the template provided.
- Position Command Centre and Tap as close together as possible.

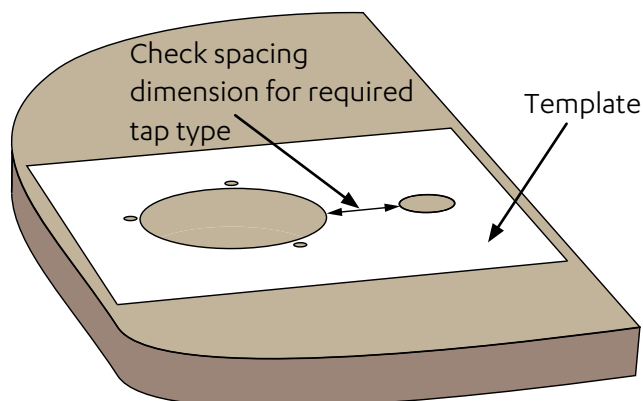


Mark out the font position



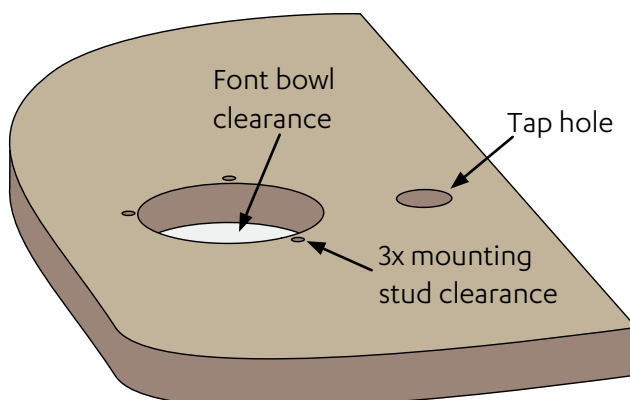
Refer to HydroTap installation instructions

- Place the transparent film template (supplied) in position on the work surface.
- Mark out the hole positions and centres.



Cut the holes

- 140mm diameter clearance for Font bowl.
- 10mm diameter clearance for mounting studs.
- 35mm diameter tap clearance hole.

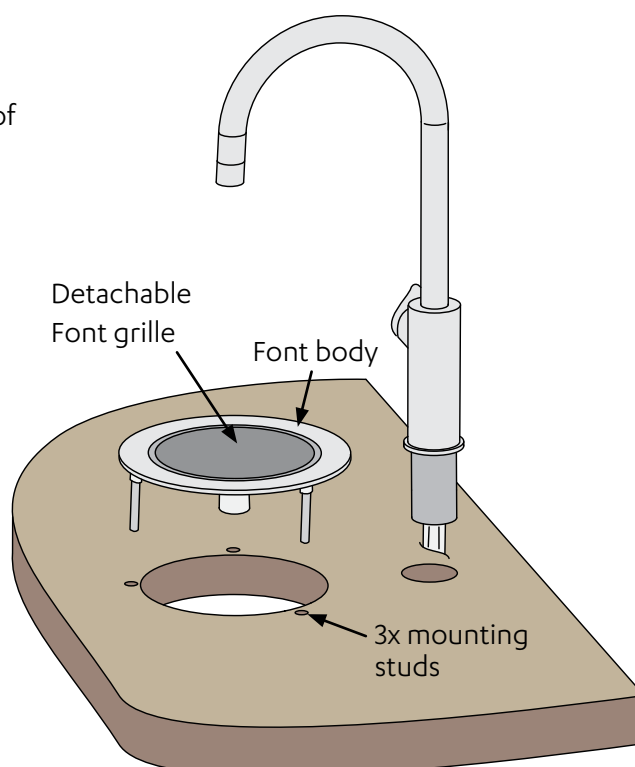


Mount the font



Refer to HydroTap installation instructions

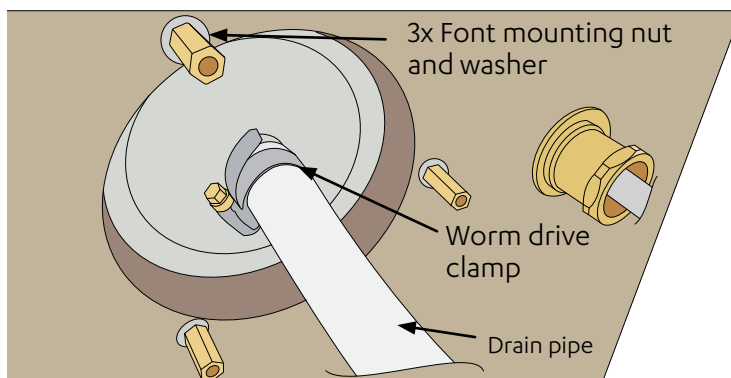
- Apply a light coat of silicone sealant to underside of Font rim, to seal to work surface.
- Screw mounting studs into font flange bosses.
- Locate Font & and lightly press into position.
- (Ensure that the HydroTap is positioned such that it dispensed into the centre of the font).



Section 3.8 Font installation

Secure the Font & attach the pipe (underneath)

- Secure the Font with mounting nuts and washers.
- Secure flexible drain pipe with a worm drive clamp. Ensure braided clear reinforced tubing is used.
- If required, use the elbow fitting (supplied) under the Font to prevent hose kinks.
- Maximum tube length should not exceed 1 metre.

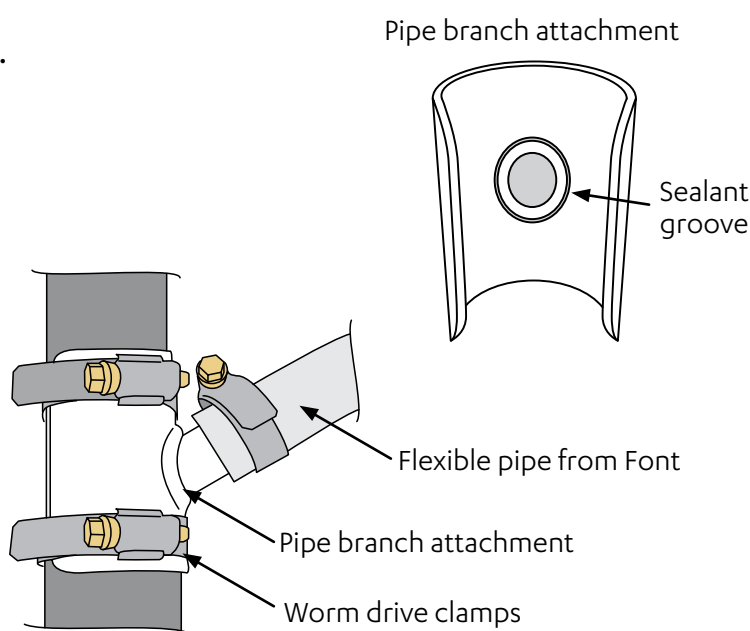


Prepare the drainage point



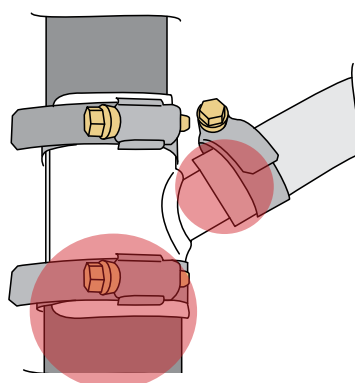
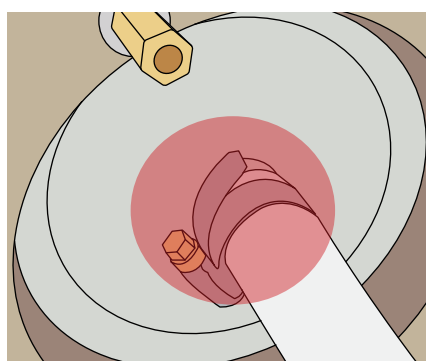
**Position upstream of a drain trap.
Drain pipe must have a constant fall.
Ensure there are no kinks or sags.**

- Locate pipe branch attachment temporarily in position on vertical pipe, upstream from a drain trap.
- Mark spigot hole position, remove attachment & drill out 13mm diameter.
- Apply sealant to spigot groove.
- Ensuring spigot is pointing upwards, snap attachment into place over hole.
- Ensure excess silicone is cleared at drain entry before final hose connection.
- Secure with worm drive clamps.
- Attach drain pipe to spigot.
- Secure with worm drive clamp.



Test for leaks

Test for leaks here, re-seal if required.



Cleaning and general maintenance

Wipe surfaces with a damp cloth and then wipe dry with a clean, dry cloth. Do not use disinfectant sprays without wiping dry afterwards.

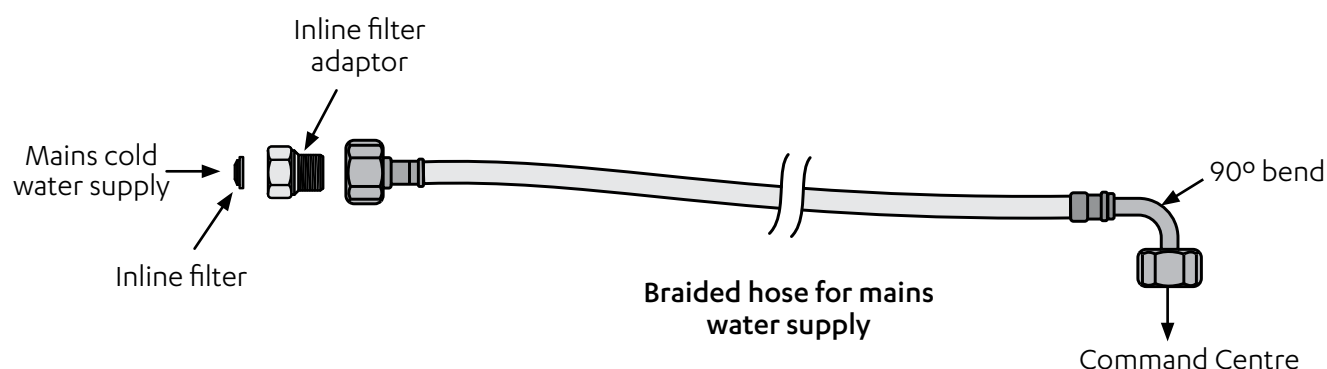
Note If you are experiencing drain-away issues after correct installation, you can consider installing an AAV (Air Admittance Valve) in accordance with your local plumbing code.

4.1 Generic installation arrangement instructions



Read these instructions together with those supplied with individual components before commencing Command Centre installation, they apply to all installation arrangements.

- Install the mains water braided hoses to the Command Centre before locating in place. See below.
- Ambient mains water braided hose length is 750mm.
- Electrical power cable is 1.8m long.
- The Command Centre must be installed within the limits of the hose and cable lengths supplied.
- All silicon tubes / plastic pipes must be cut to size. They must have a constant fall back to the Command Centre.
- Isolation valves are not supplied.

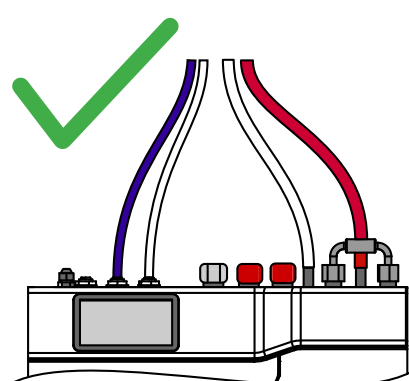
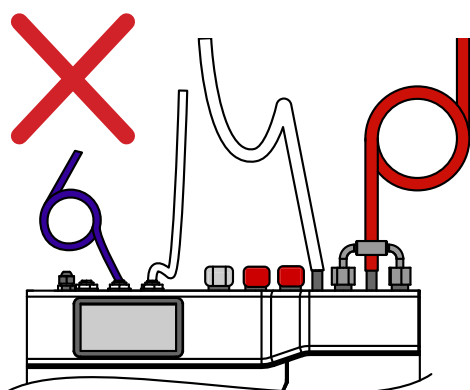


Tubes and pipes

- Take care to install correctly. No kinks, sags, pinches or loops.

Tips for connection

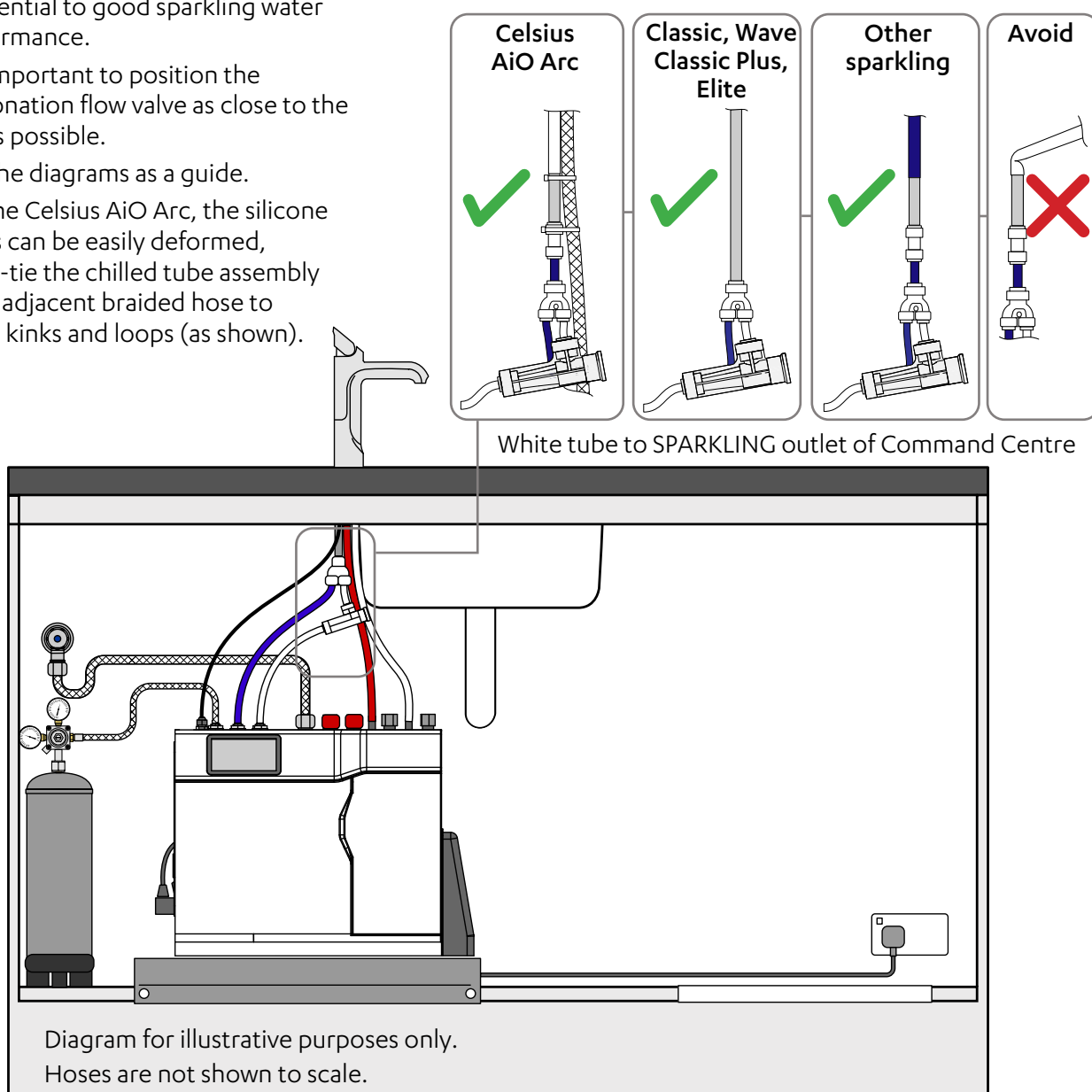
- Push the silicone hose over the connector for a minimum of 15mm.
- Ensure there is a constant fall from the tap down to the Command Centre.
- Tubes and pipes must be trimmed to avoid loops and kinks. Take care when positioning before cutting and make a clean cut straight across the hose, using a sharp blade.
- The tubes and pipes must not be under tension when installed.



Position of carbonation flow valve (sparkling models)

For optimal Sparkling Water from your HydroTap, follow these directions to position the carbonation flow valve between the HydroTap Command Centre and the dispensing tap.

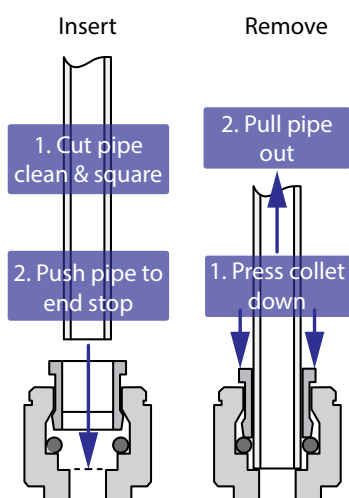
- Correct positioning and adjustment is essential to good sparkling water performance.
- It is important to position the carbonation flow valve as close to the tap as possible.
- Use the diagrams as a guide.
- For the Celsius AiO Arc, the silicone tubes can be easily deformed, cable-tie the chilled tube assembly to an adjacent braided hose to avoid kinks and loops (as shown).



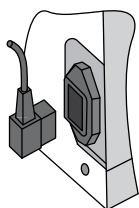
- See page [121](#) for carbonation flow valve adjustment.

John Guest pipe and fittings

Take care to use correctly, see below :



Mains power cable



Do not connect to the mains socket until commissioning

USB

Connect Command Centre to HydroTap.

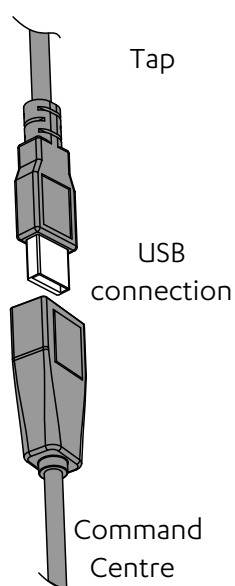


Table of contents **Australian installations** (see next page for UK installations)

BCS60 - BCS100 commercial installation	
4.2.1 HydroTap G5 models.....	46
4.2.2 HydroTap G5 and vented mixer tap combinations	47
4.2.3 All-In-One MAINS models	48
4.2.4 All-In-One VENTED models	49
BCS20 - BCS30 commercial and BCS residential installation	
4.3.1 HydroTap G5 models.....	50
4.3.2 HydroTap G5 and vented mixer tap combinations	51
4.3.3 All-In-One MAINS models.....	52
4.3.4 All-In-One VENTED models.....	53
4.3.5 All-In-One Pull-Out models	54
BC40 - BC100 commercial installation	
4.4.1 HydroTap G5 models	55
4.4.2 HydroTap G5 and vented mixer tap combinations.....	56
4.4.3 All-In-One MAINS models	57
4.4.4 All-In-One VENTED models	58
BC20 - BC30 commercial and BC residential installation	
4.5.1 HydroTap G5 models.....	59
4.5.2 HydroTap G5 and and vented mixer tap combinations	60
4.5.3 All-In-One MAINS models.....	61
4.5.4 All-In-One VENTED models.....	62
4.5.5 All-In-One Pull-Out models	63
B60 - B100, BA60 - BA100 and B & BA residential installation	
4.6.1 HydroTap G5 Boiling models.....	64
4.6.2 HydroTap G5 Boiling and Ambient models.....	65
4.6.3 HydroTap G5 Boiling and vented mixer tap combinations	66
4.6.4 HydroTap G5 Boiling and Ambient and vented mixer tap combinations	67
4.6.5 Celsius Boiling models	68
4.6.6 Celsius Boiling and Ambient models	69
CS100 commercial installation	
4.7.1 HydroTap models	70
4.7.2 Celsius models.....	71
C40 - C100 commercial installation	
4.8.1 HydroTap models.....	72
4.8.2 Celsius models	73
CS residential installation	
4.9.1 HydroTap models.....	74
4.9.2 Celsius models	75
C residential installation	
4.10.1 HydroTap models	76
4.10.2 Celsius models.....	77

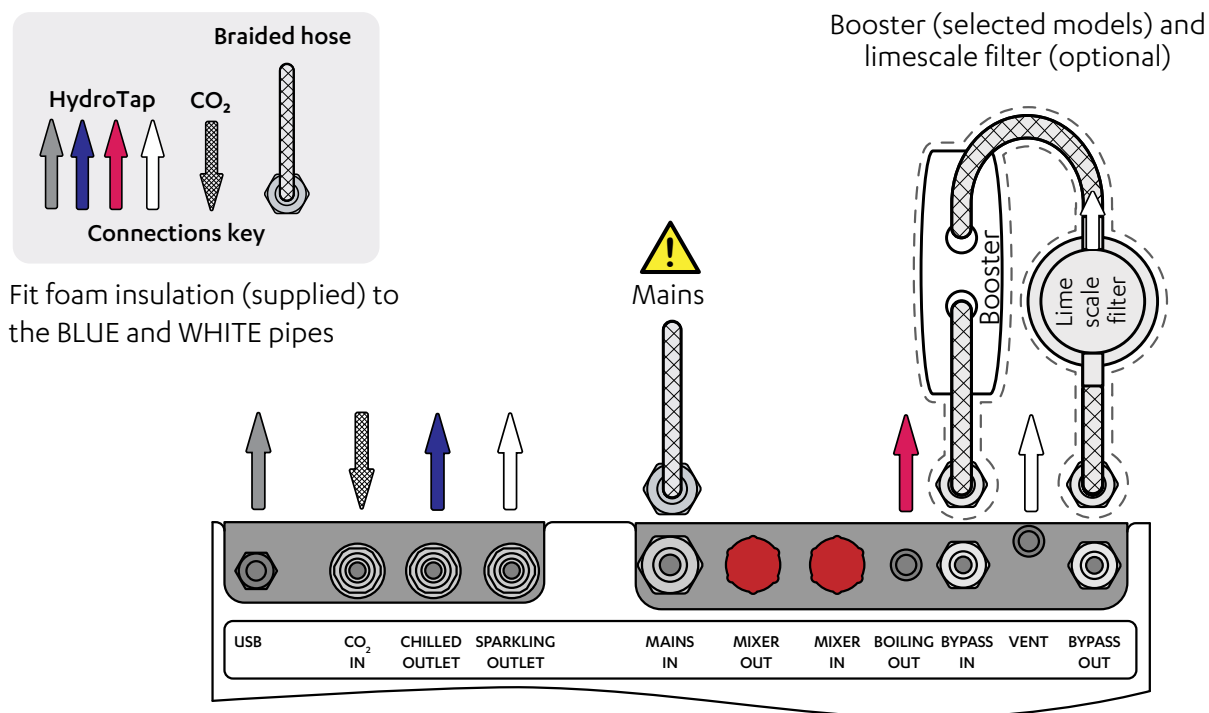
Table of contents UK installations (see previous page for Australian installations)

BCS60 - BCS100 commercial installation	
4.11.1 HydroTap G5 models	78
4.11.2 HydroTap G5 and vented mixer tap combinations	79
4.11.3 All-In-One MAINS models	80
4.11.4 All-In-One VENTED models	81
BCS20 - BCS30 commercial and BCS residential installation	
4.12.1 HydroTap G5 models	82
4.12.2 HydroTap G5 and vented mixer tap combinations	83
4.12.3 All-In-One MAINS models	84
4.12.4 All-In-One VENTED models	85
4.12.5 All-In-One Pull-Out models	86
BC40 - BC100 commercial installation	
4.13.1 HydroTap G5 models	87
4.13.2 HydroTap G5 and vented mixer tap combinations	88
4.13.3 All-In-One MAINS models	89
4.13.4 All-In-One VENTED models	90
BC20 - BC30 commercial and BC residential installation	
4.14.1 HydroTap G5 models	91
4.14.2 HydroTap G5 and vented mixer tap combinations	92
4.14.3 All-In-One MAINS models	93
4.14.4 All-In-One VENTED models	94
4.14.5 All-In-One Pull-Out models	95
B60 - B100, BA60 - BA100 and B & BA residential installation	
4.15.1 HydroTap G5 Boiling models	96
4.15.2 HydroTap G5 Boiling and Ambient models	97
4.15.3 HydroTap G5 Boiling and vented mixer tap combinations	98
4.15.4 HydroTap G5 Boiling and Ambient and vented mixer tap combinations	99
4.15.5 Celsius Boiling models	100
4.15.6 Celsius Boiling and Ambient models	101
CS100 commercial installation	
4.16.1 HydroTap models	102
4.16.2 Celsius models	103
C40 - C100 commercial installation	
4.17.1 HydroTap models	104
4.17.2 Celsius models	105
CS residential installation	
4.18.1 HydroTap models	106
4.18.2 Celsius models	107
C residential installation	
4.19.1 HydroTap models	108
4.19.2 Celsius models	109

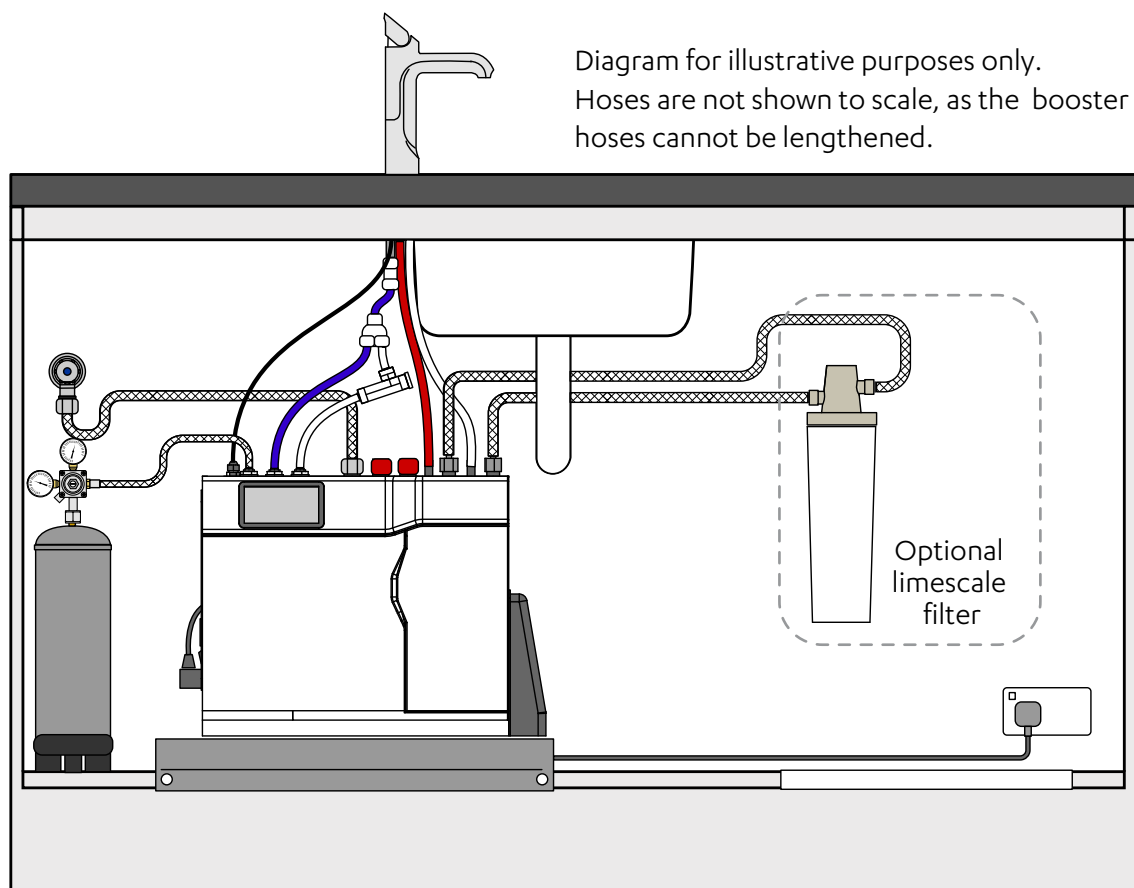
Section 4 Commercial & Residential Command Centre installation

4.2.1 BCS60 - BCS100 HydroTap G5 models

Australian Command Centre connections



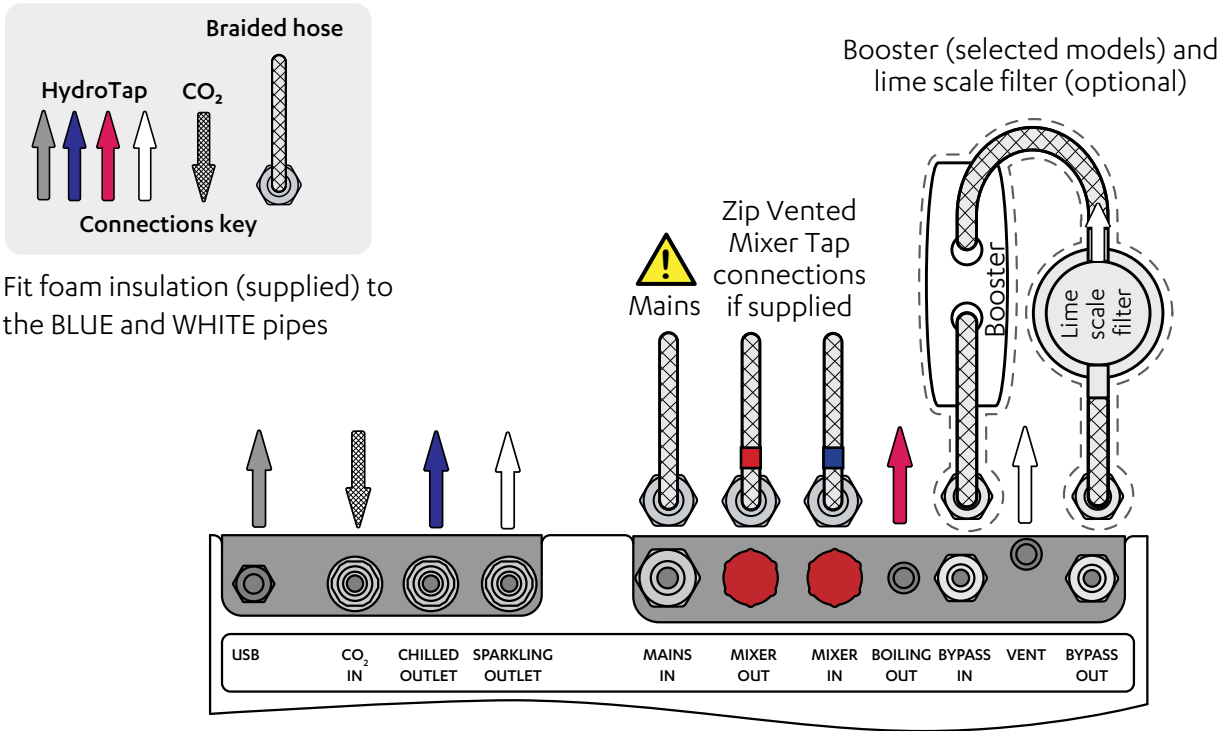
Example Installations



Section 4 Commercial & Residential Command Centre installation

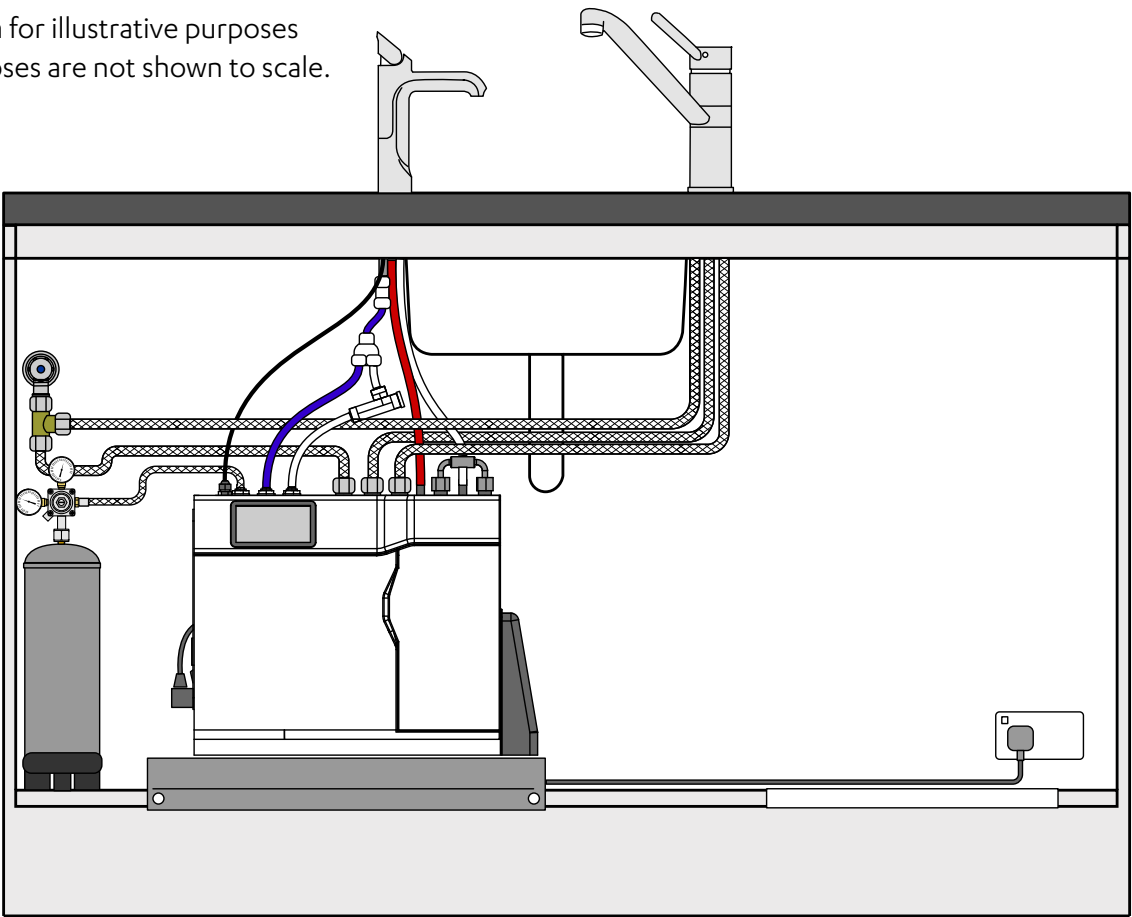
4.2.2 BCS60 - BCS100 HydroTap and mixer tap combinations

Australian Command Centre connections



Example Installations

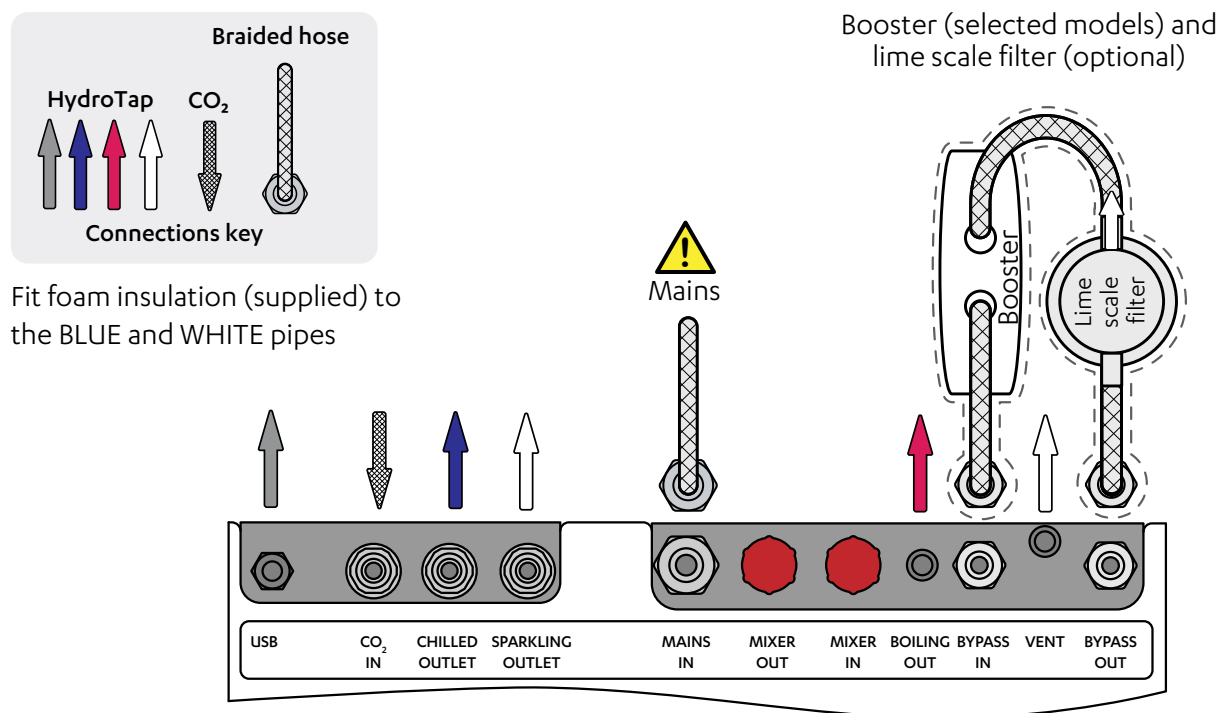
Diagram for illustrative purposes only. Hoses are not shown to scale.



Section 4 Commercial & Residential Command Centre installation

4.2.3 BCS60 - BCS100 All-In-One 'Mains' tap

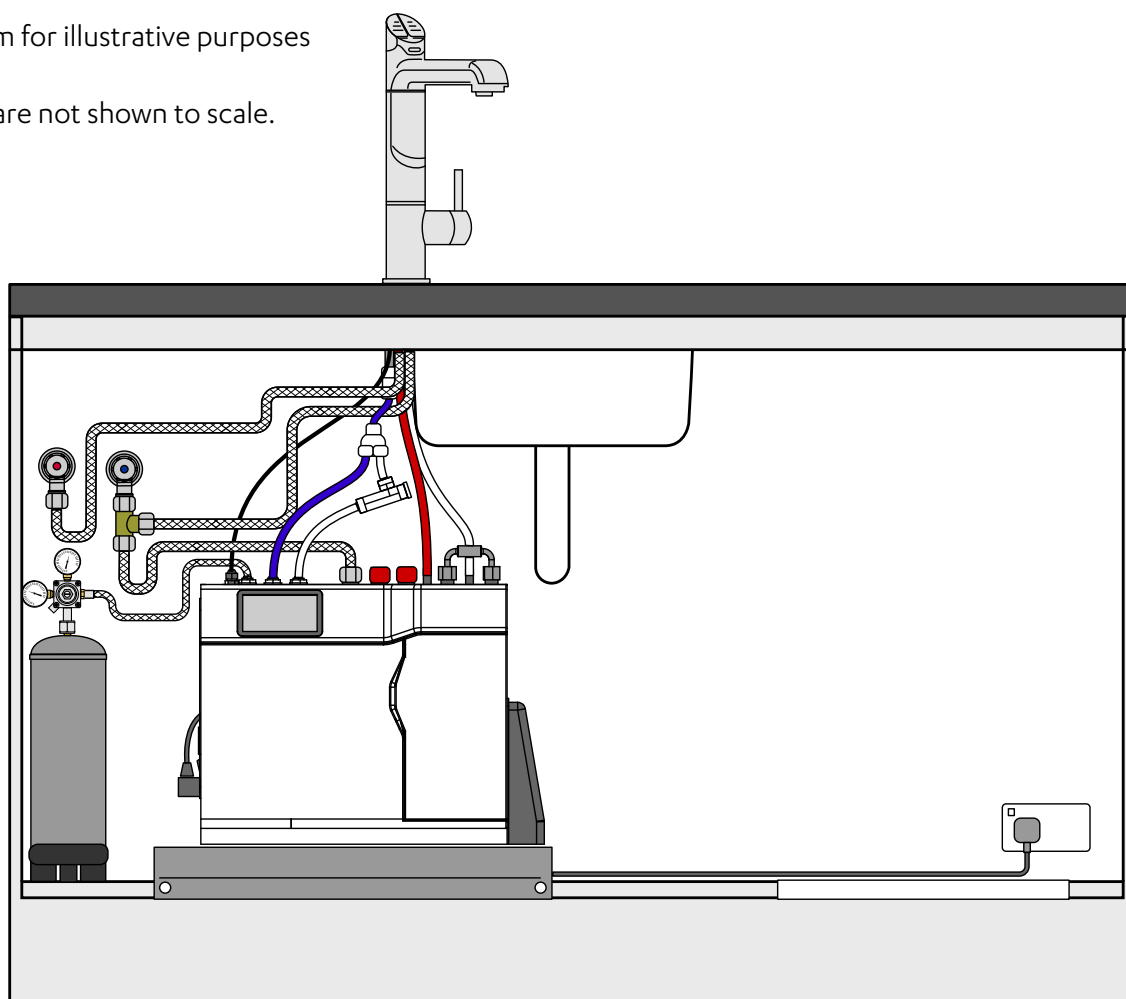
Australian Command Centre connections



Example installation

Diagram for illustrative purposes only.

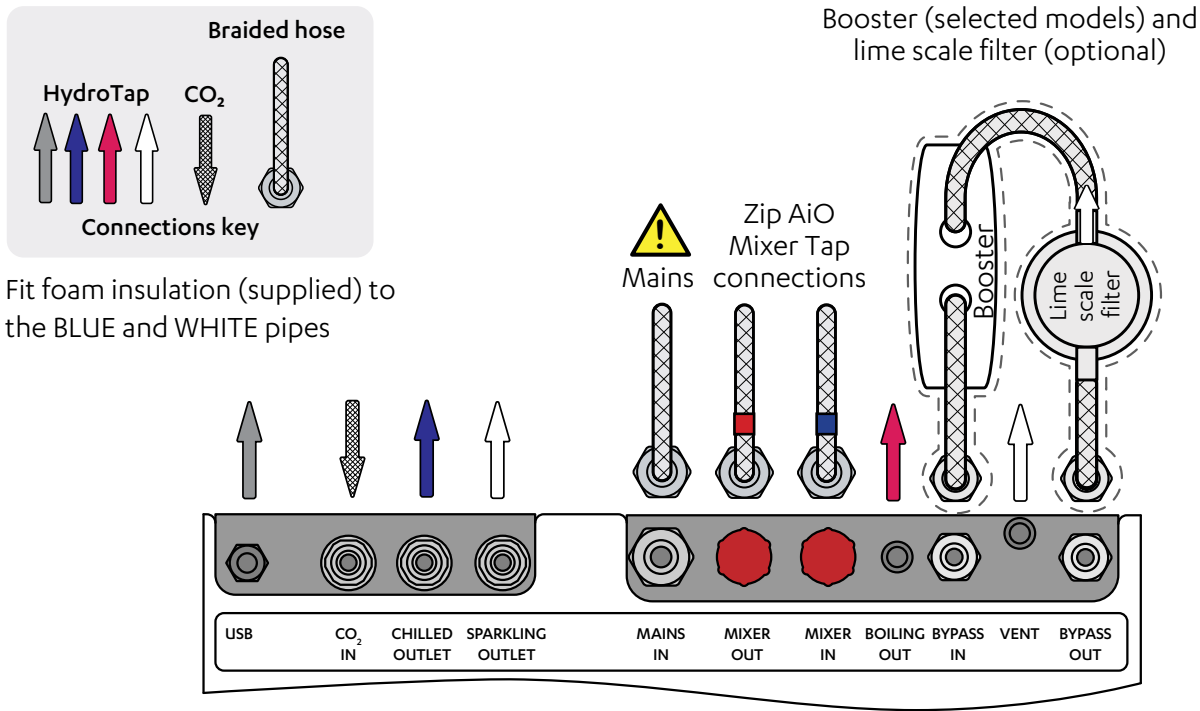
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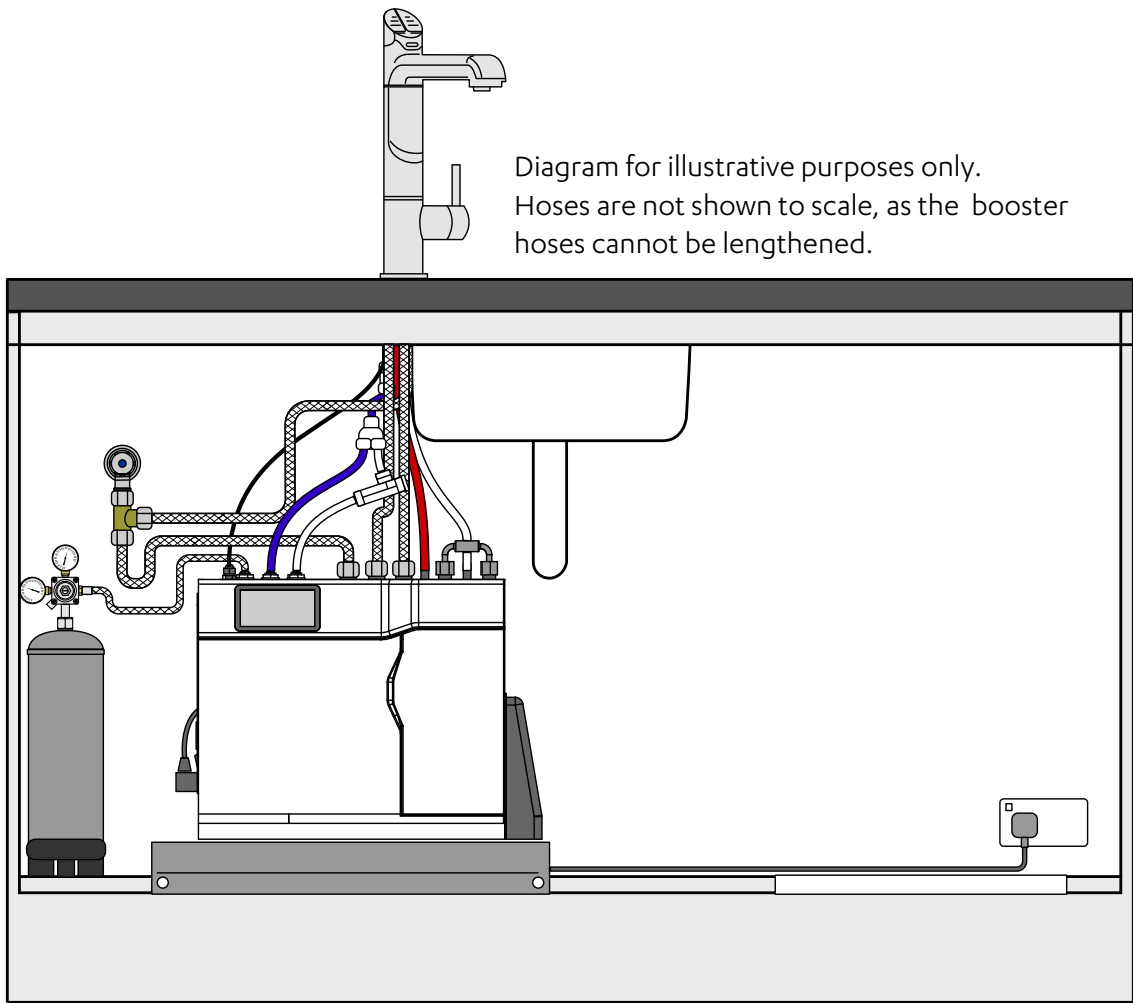
Section 4 Commercial & Residential Command Centre installation

4.2.4 BCS60 - BCS100 All-In-One Classic 'Vented' tap

Australian Command Centre connections

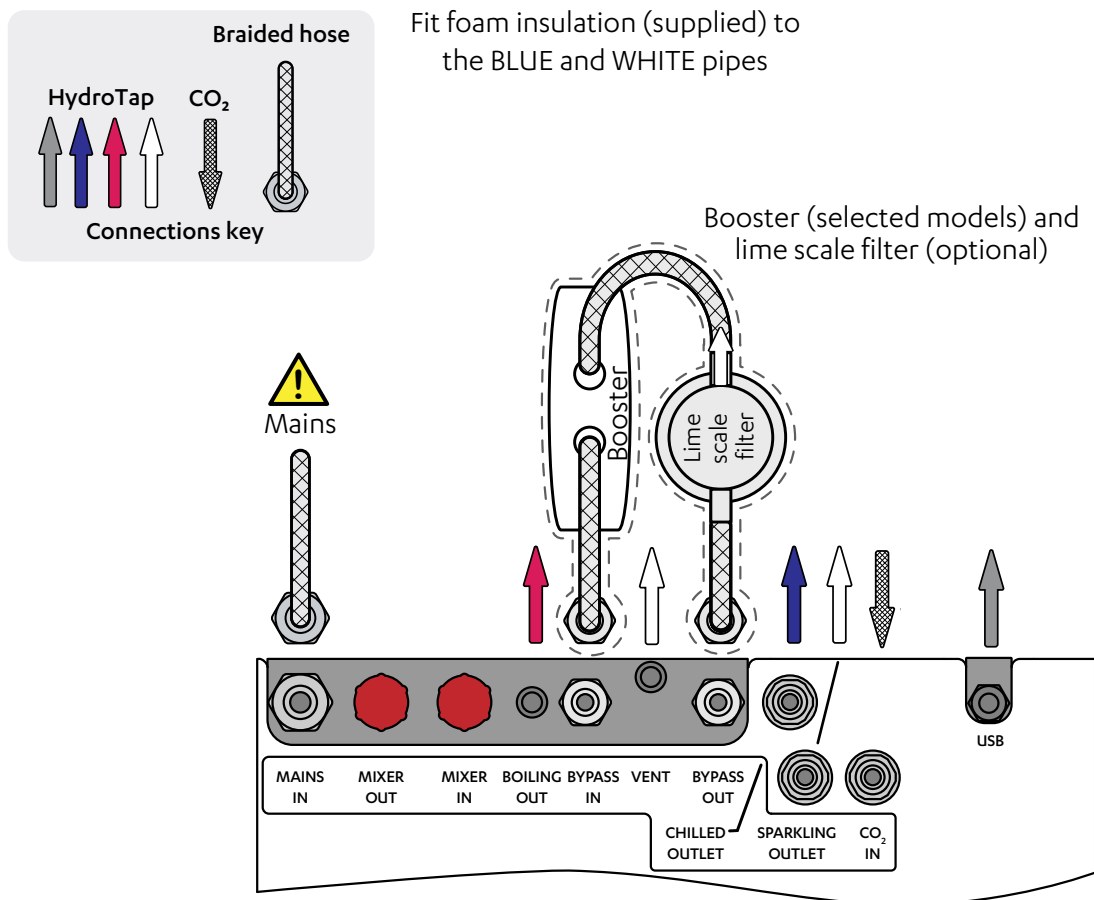


Example installation



4.3.1 BCS20 - BCS30, BCS Home HydroTap models

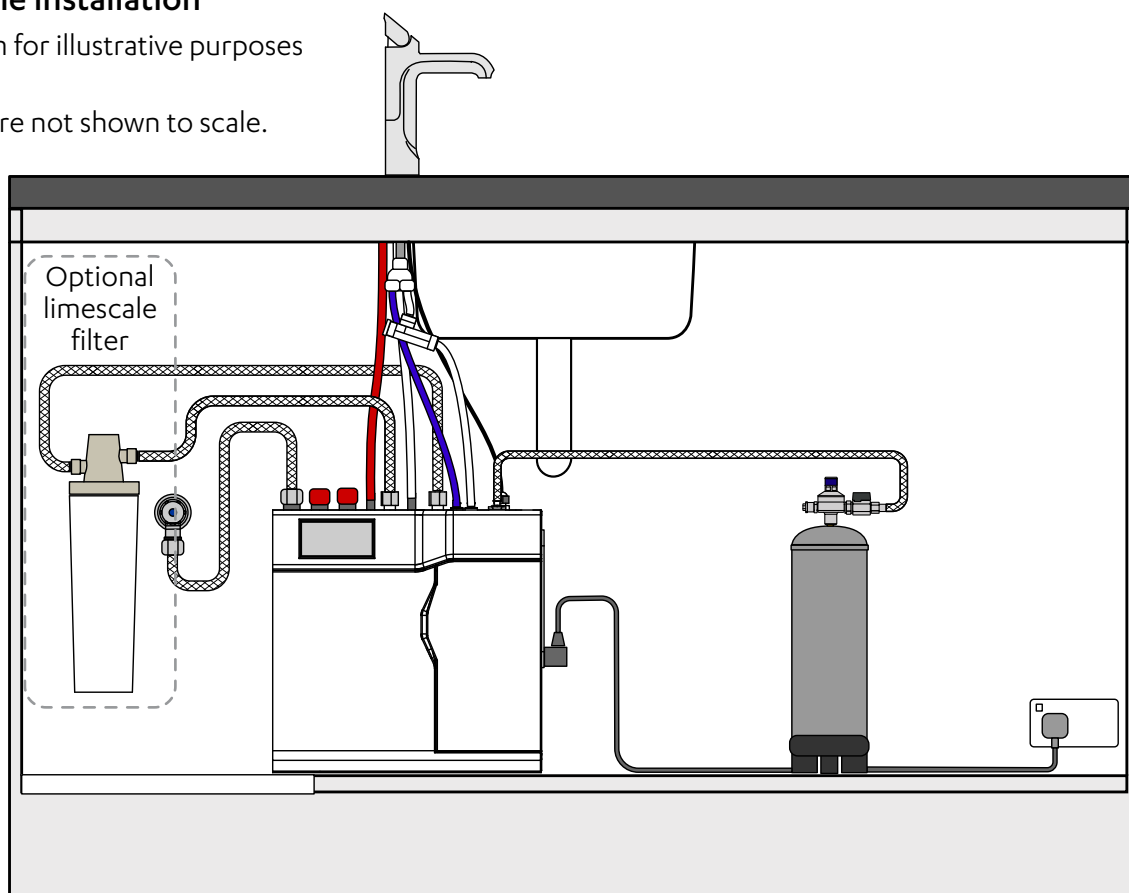
Australian Command Centre connections



Example installation

Diagram for illustrative purposes only.

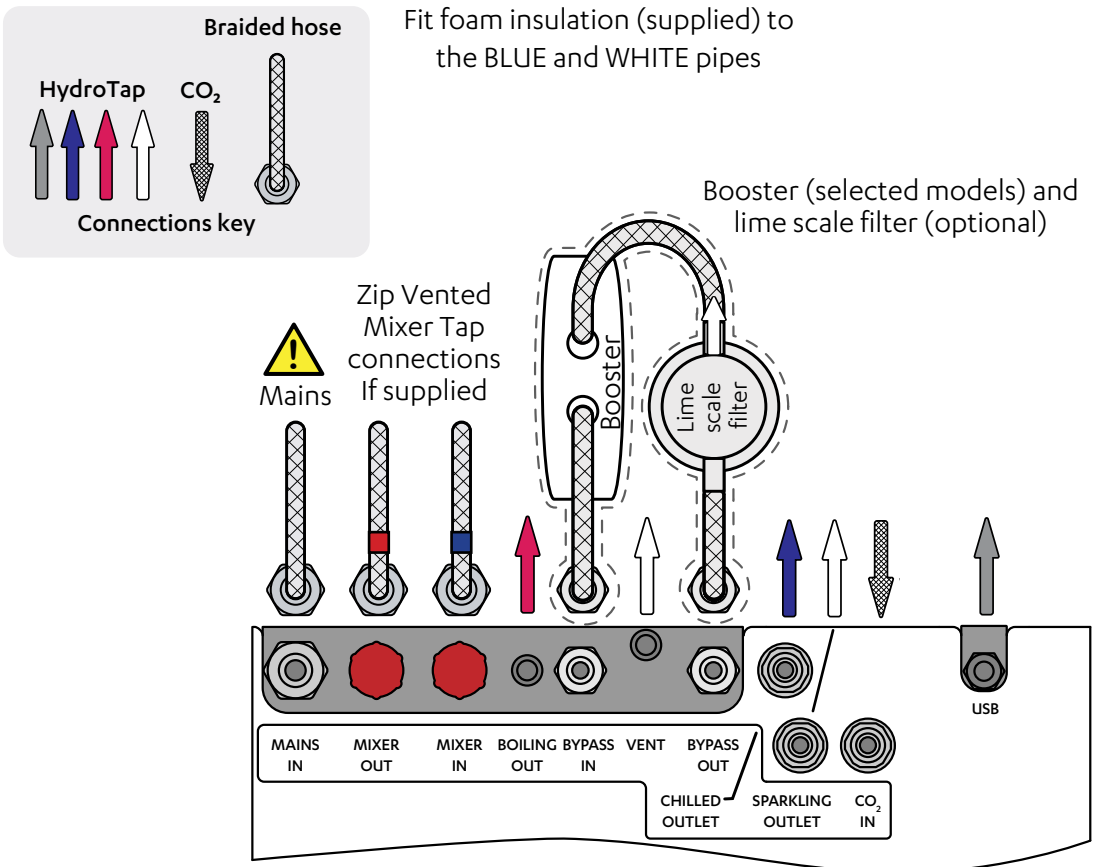
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Section 4 Commercial & Residential Command Centre installation

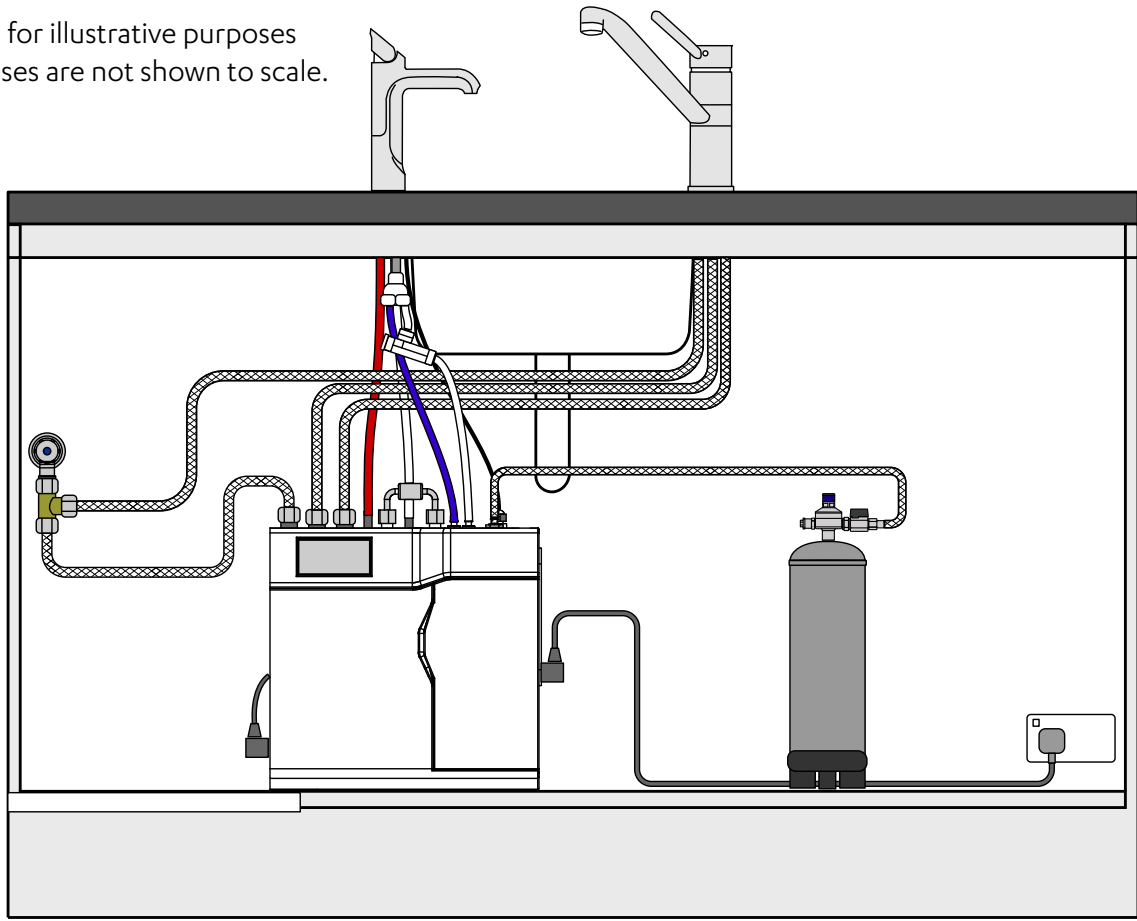
4.3.2 BCS20 - BCS30, BCS Home HydroTap and vented mixer taps

Australian Command Centre connections



Example installation

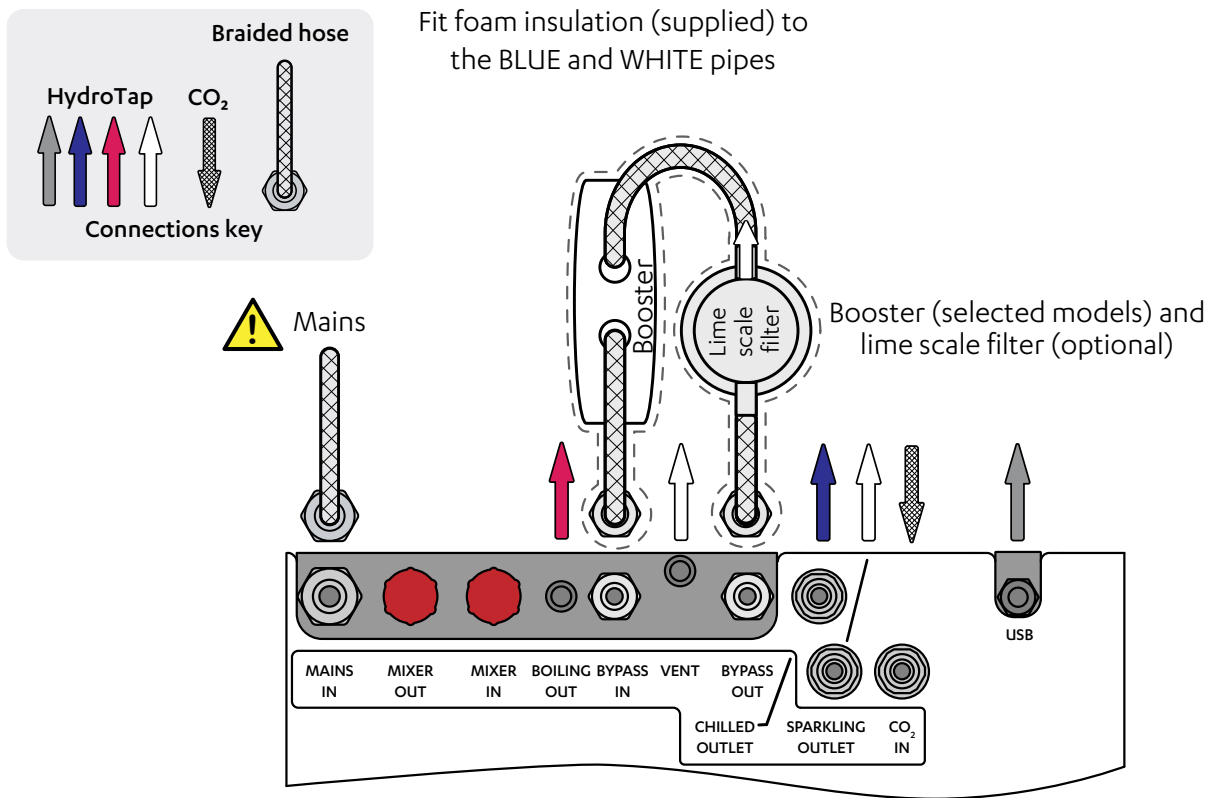
Diagram for illustrative purposes only. Hoses are not shown to scale.



Section 4 Commercial & Residential Command Centre installation

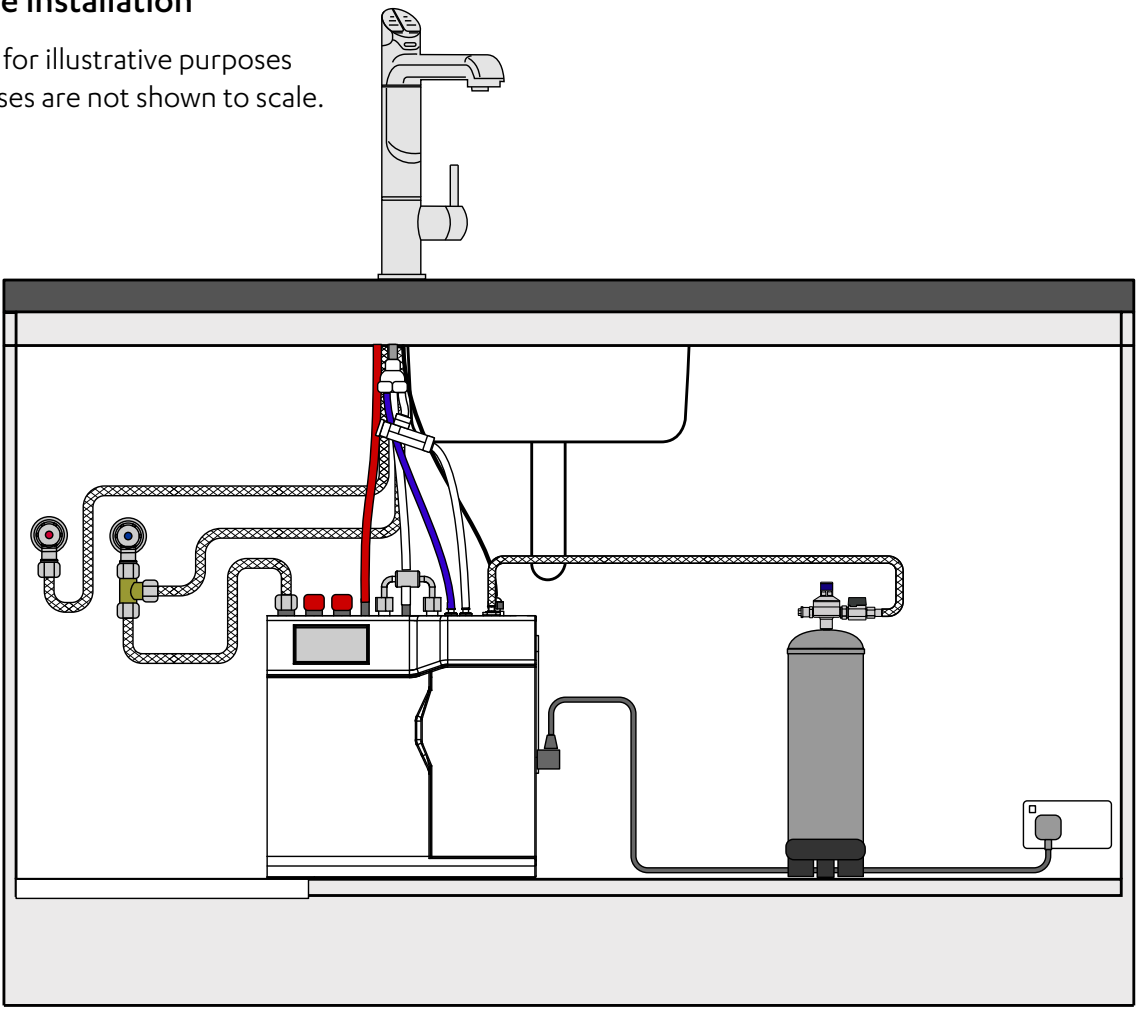
4.3.3 BCS20 - BCS30, BCS Home All-In-One 'Mains' tap

Australian Command Centre connections



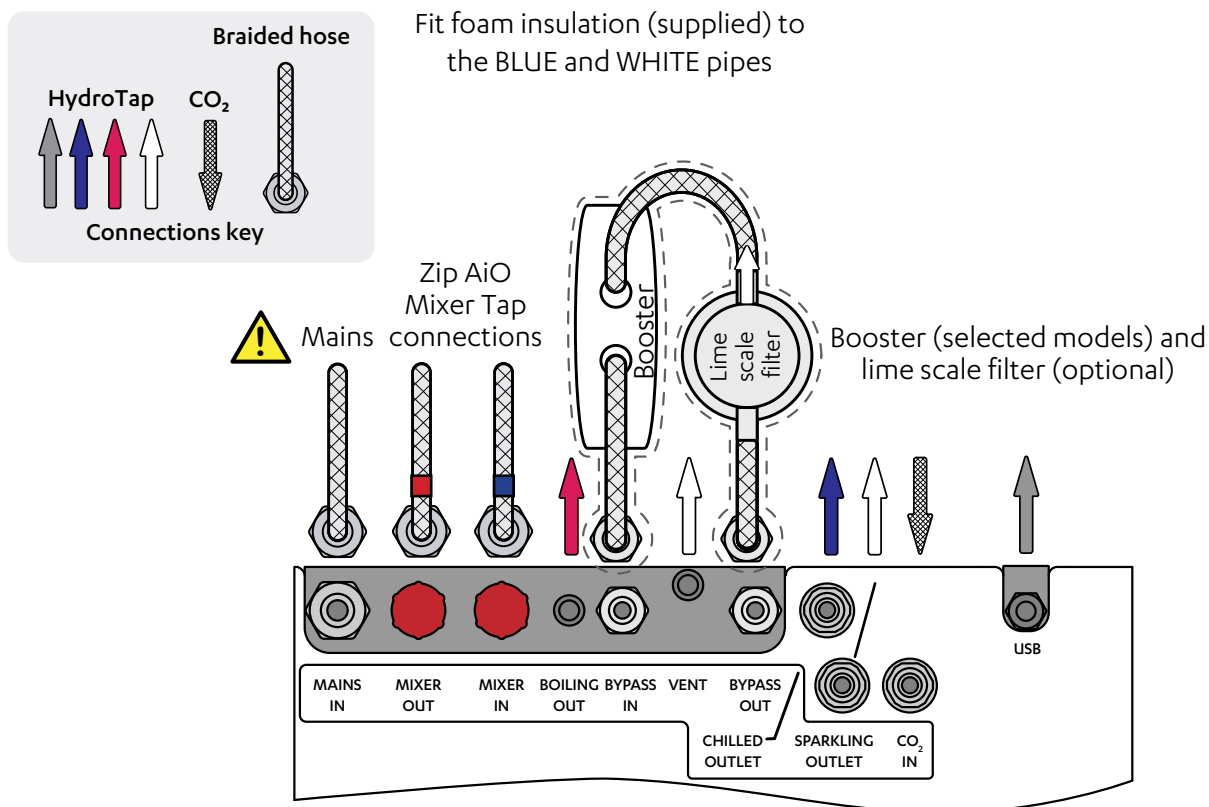
Example installation

Diagram for illustrative purposes only. Hoses are not shown to scale.



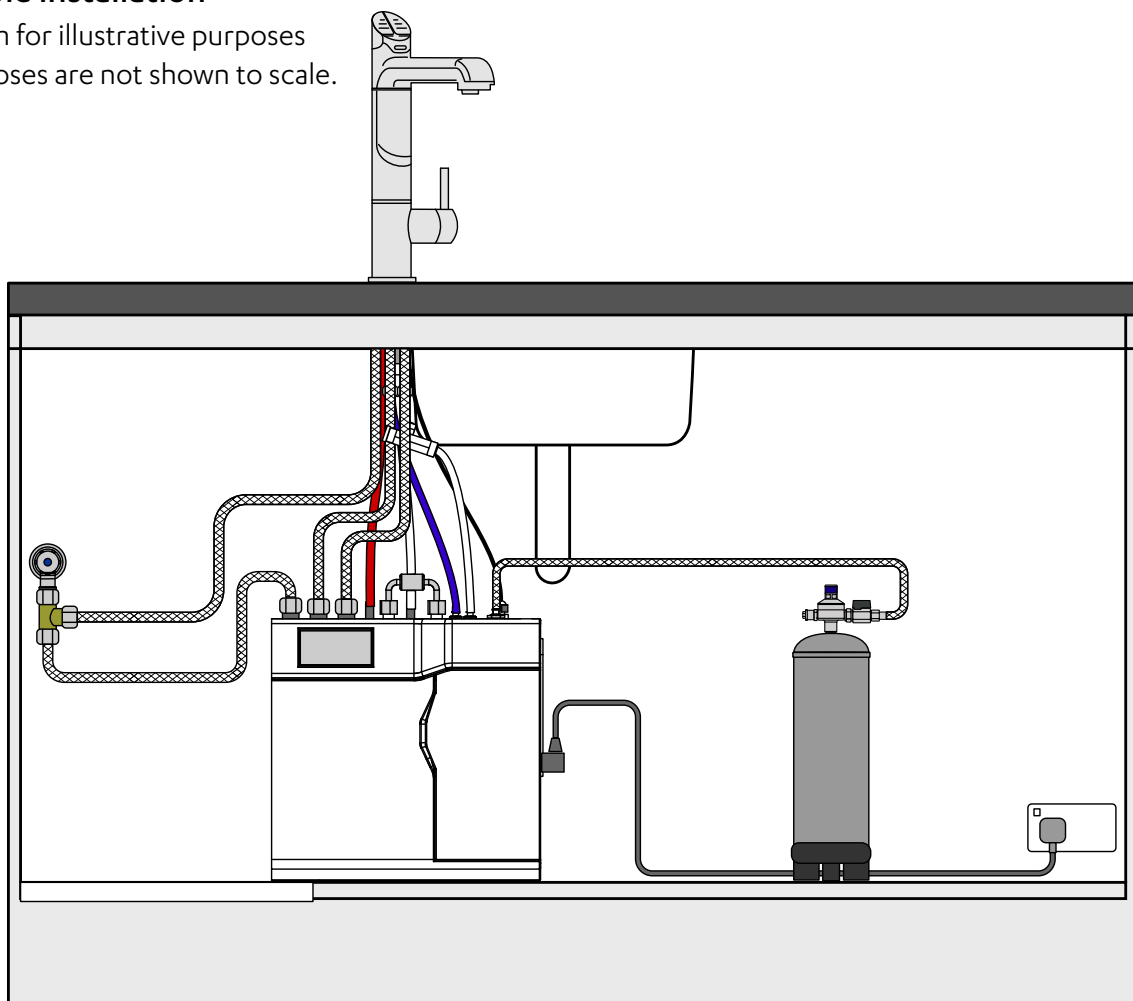
4.3.4 BCS20 - BCS30, BCS Home All-In-One Classic 'Vented' tap

Australian Command Centre connections



Example installation

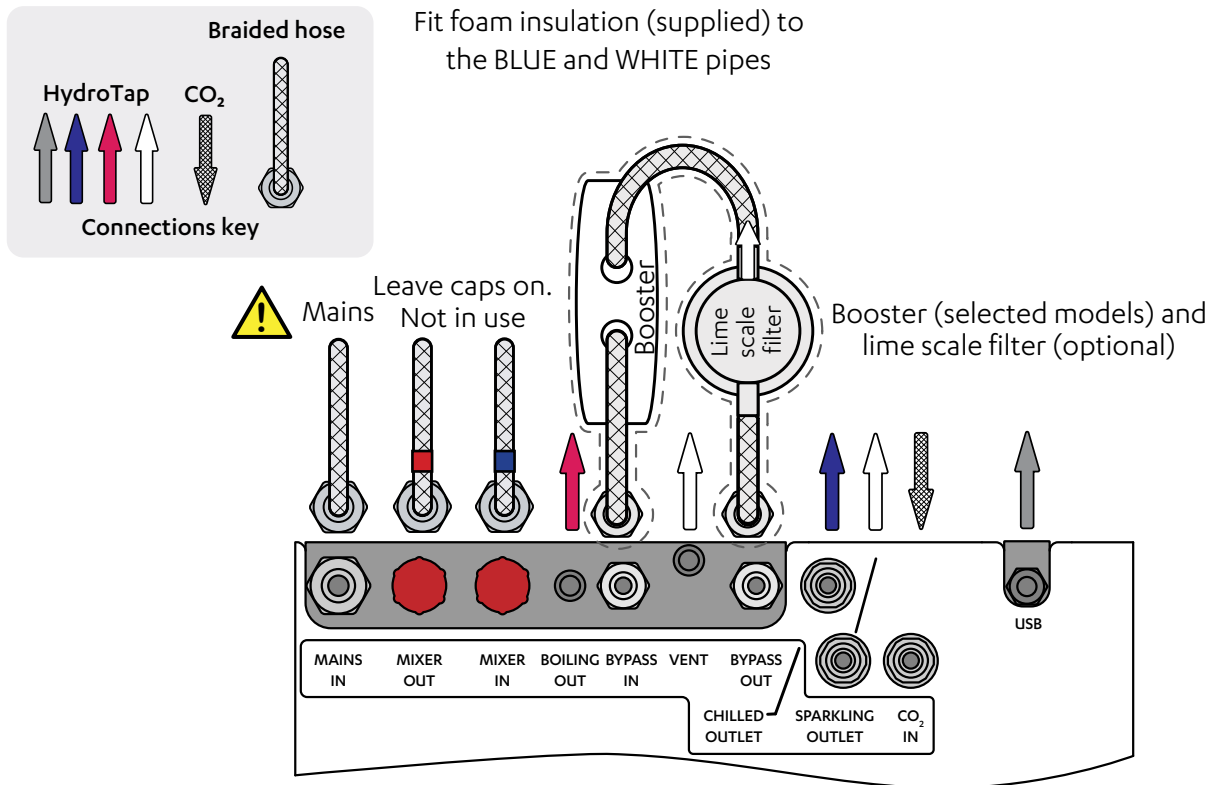
Diagram for illustrative purposes only. Hoses are not shown to scale.



Section 4 Commercial & Residential Command Centre installation

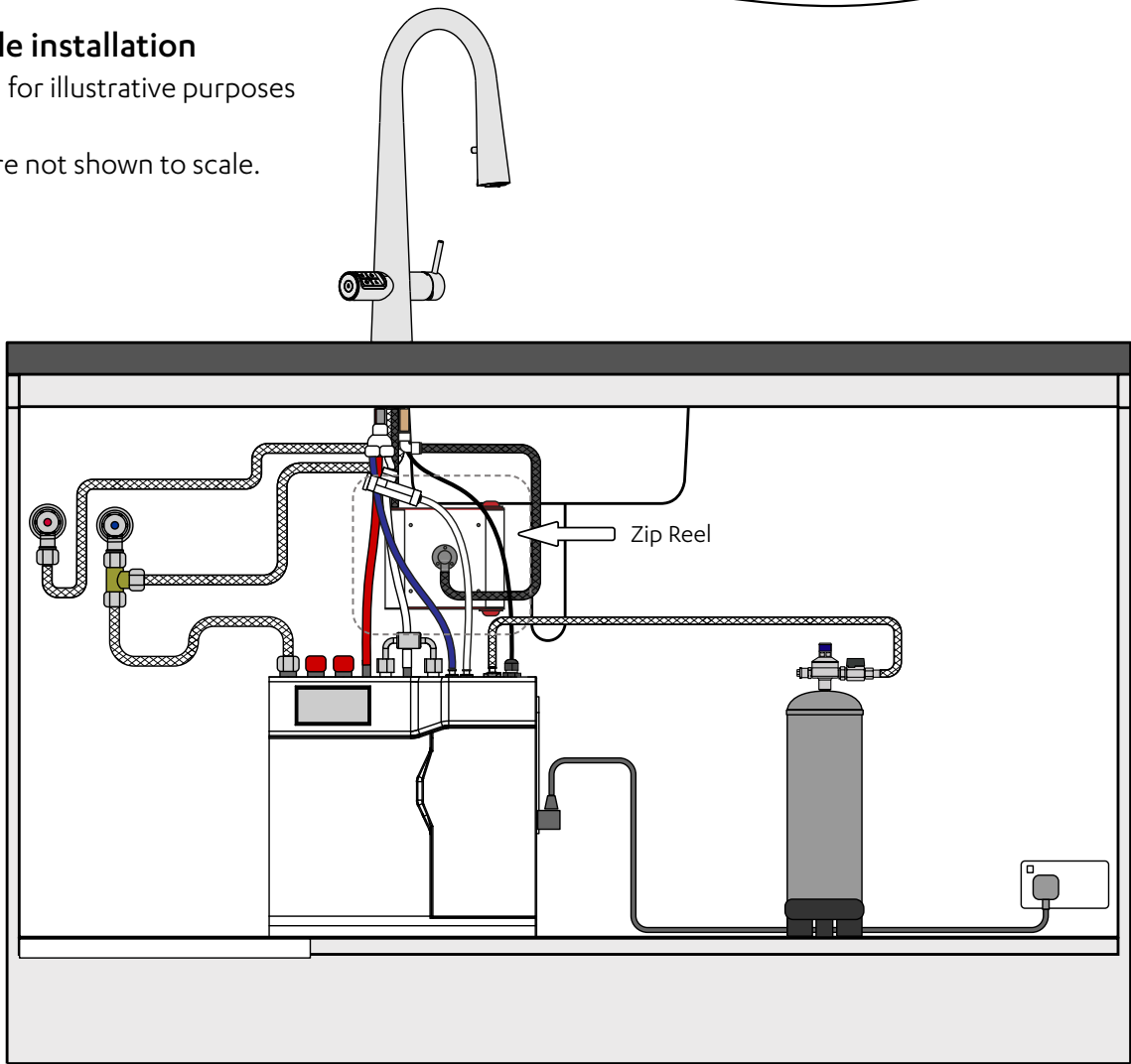
4.3.5 BCS20 - BCS30, BCS Home All-In-One Pull-Out tap models

Australian Command Centre connections



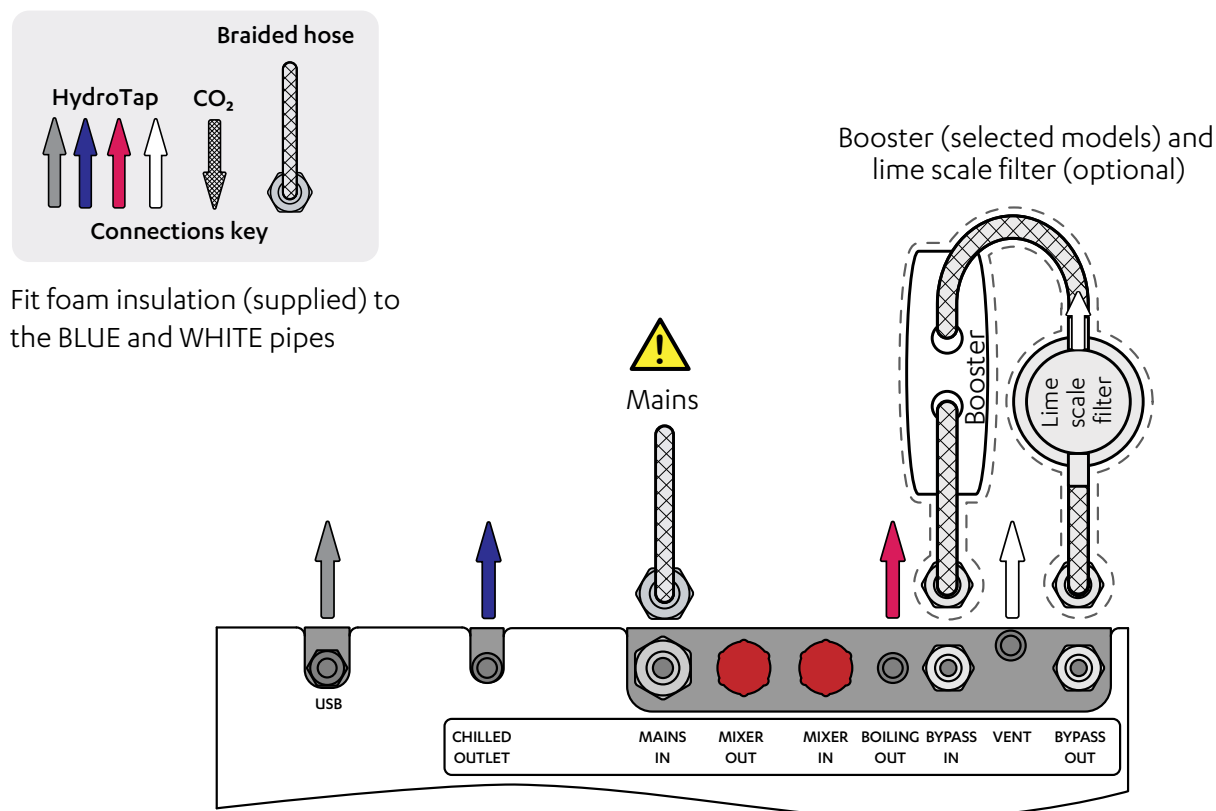
Example installation

Diagram for illustrative purposes only.
Hoses are not shown to scale.



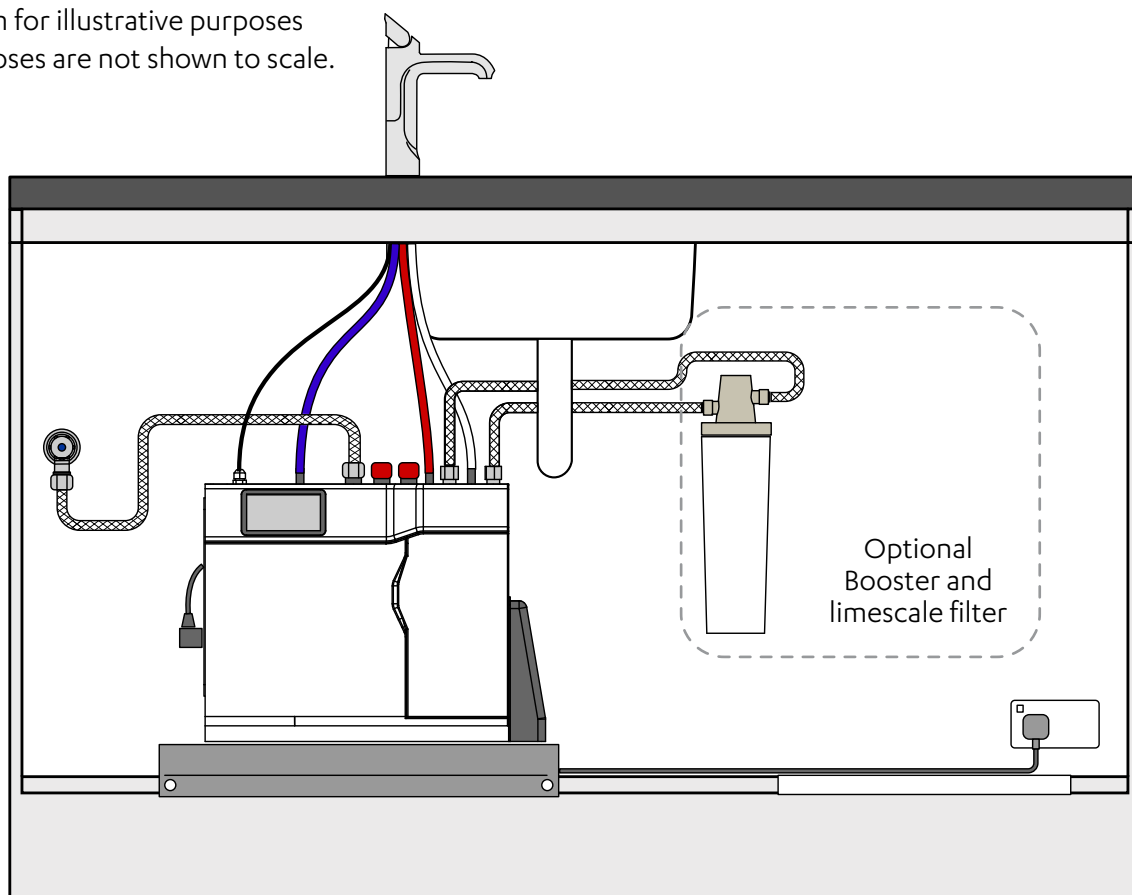
4.4.1 BC40 - BC100 HydroTap models

Australian Command Centre connections



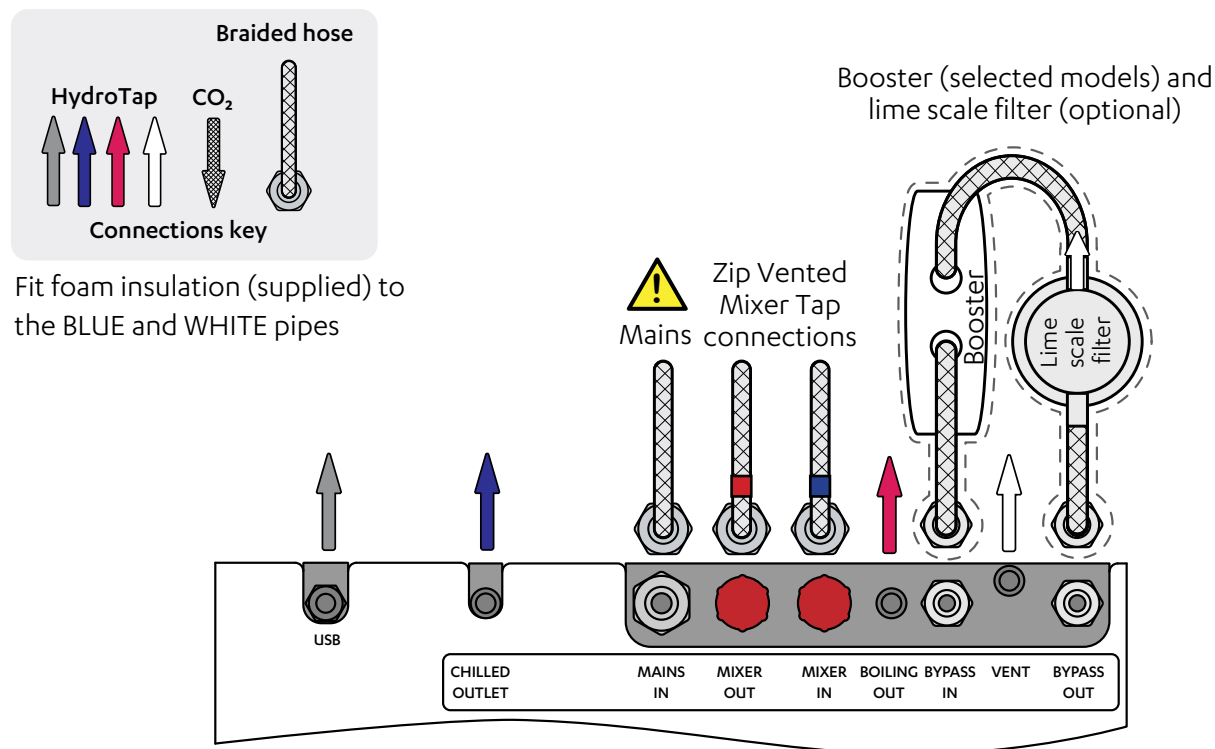
Example installation

Diagram for illustrative purposes only. Hoses are not shown to scale.



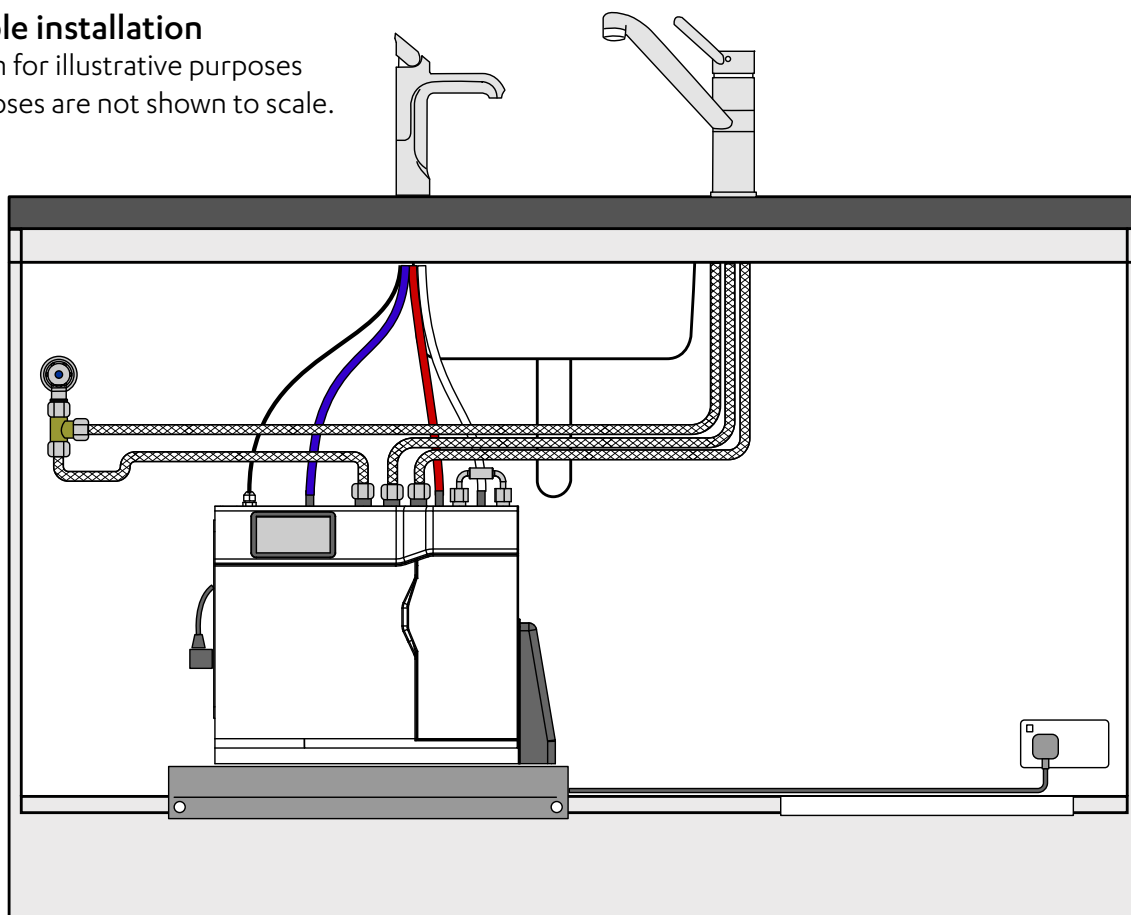
4.4.2 BC40 - BC100 HydroTap and vented mixer tap combinations

Australian Command Centre connections



Example installation

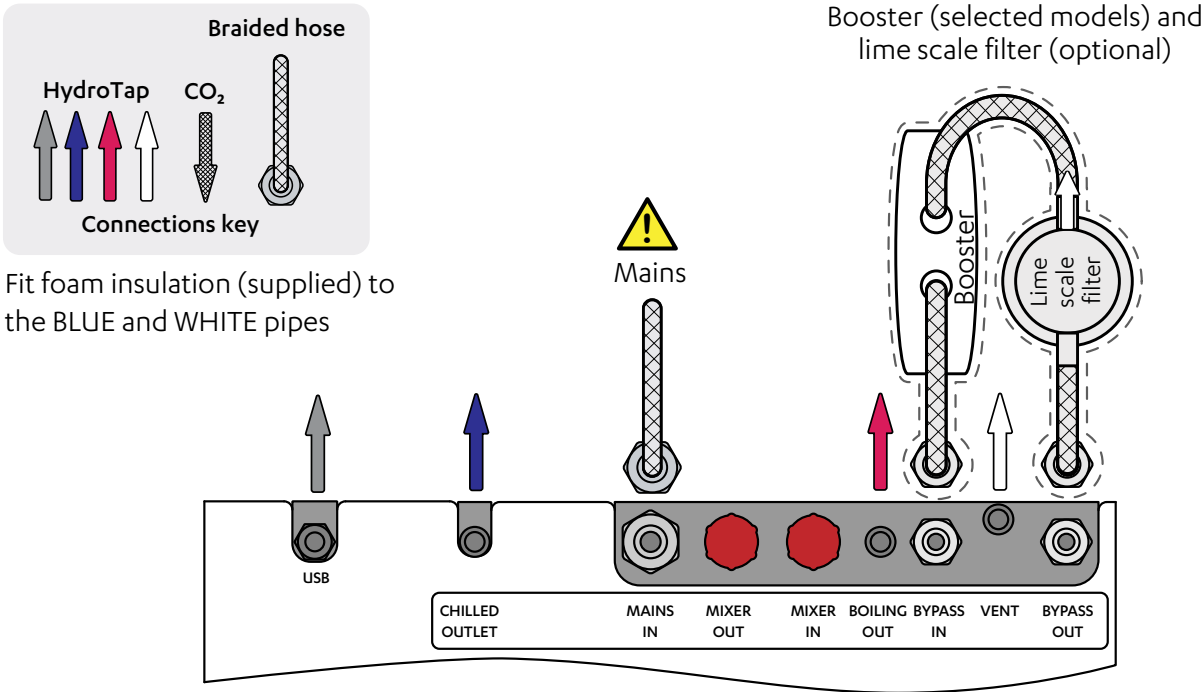
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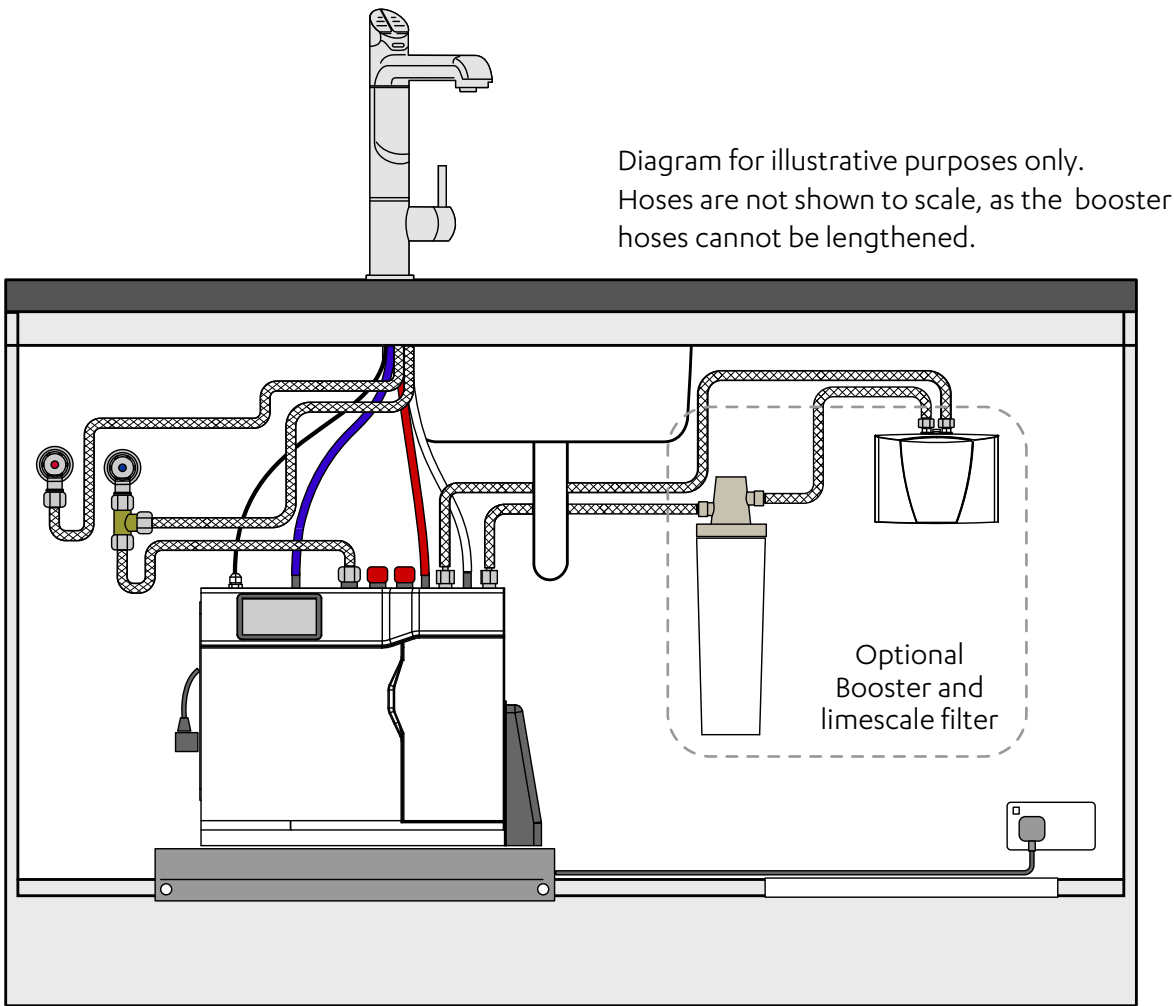
Section 4 Commercial & Residential Command Centre installation

4.4.3 BC40 - BC100 All-In-One 'Mains' tap

Australian Command Centre connections



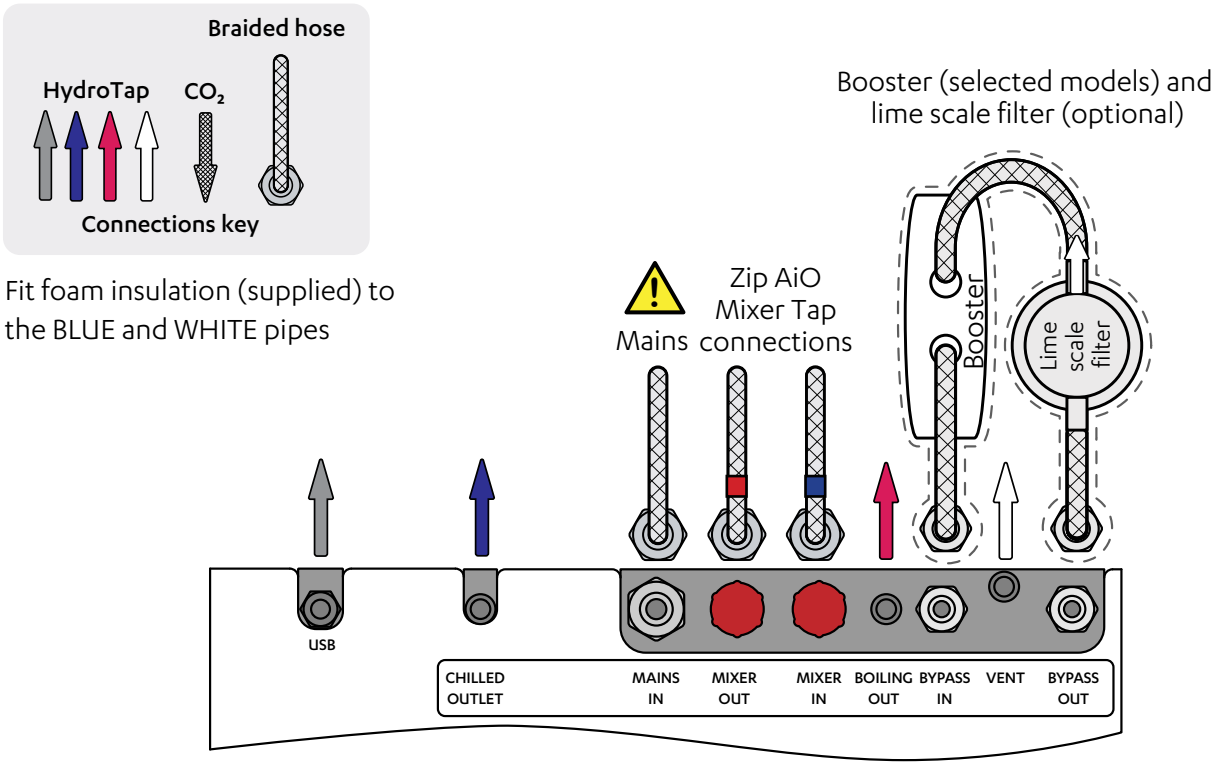
Example installation



Section 4 Commercial & Residential Command Centre installation

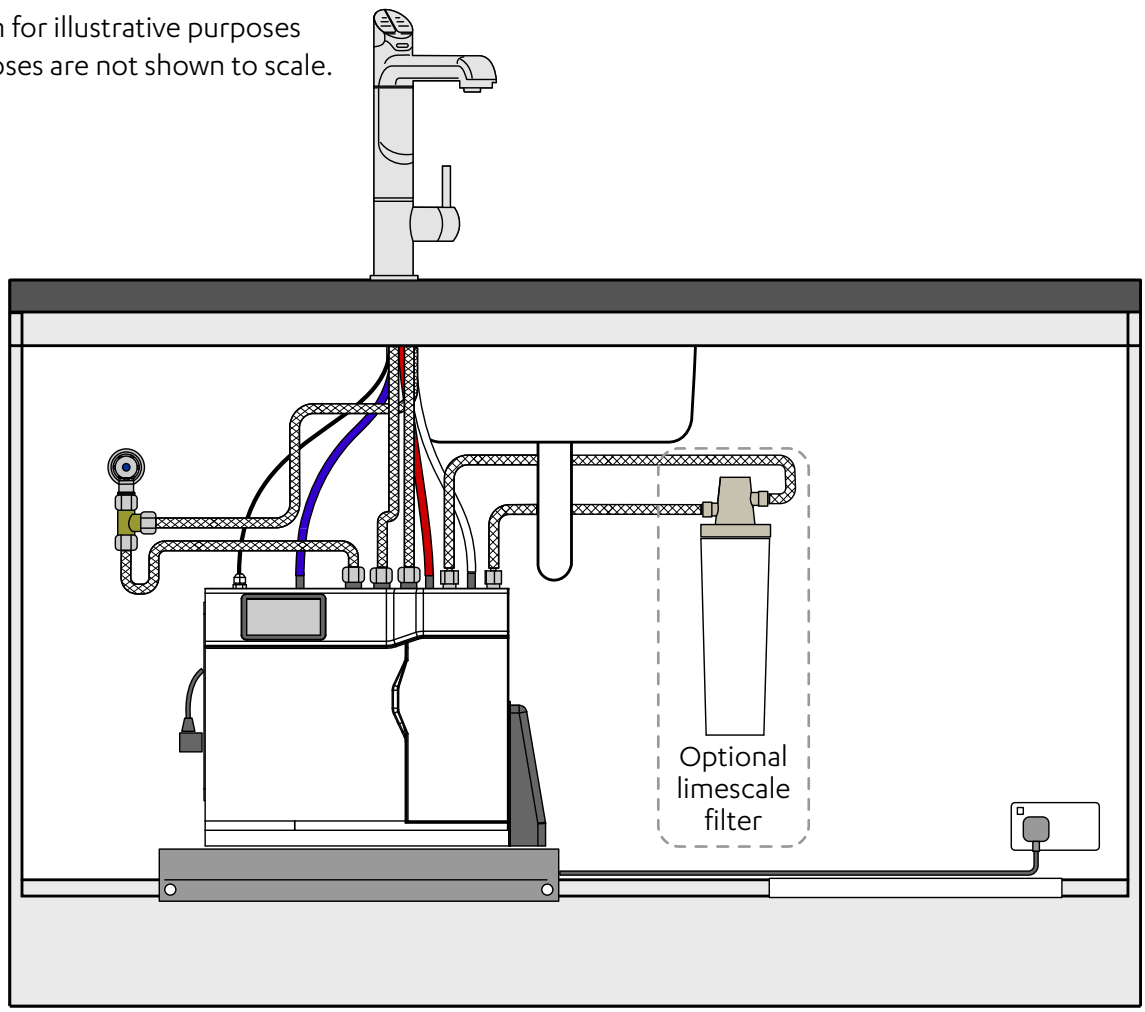
4.4.4 BC40 - BC100 All-In-One Classic 'Vented' tap

Australian Command Centre connections



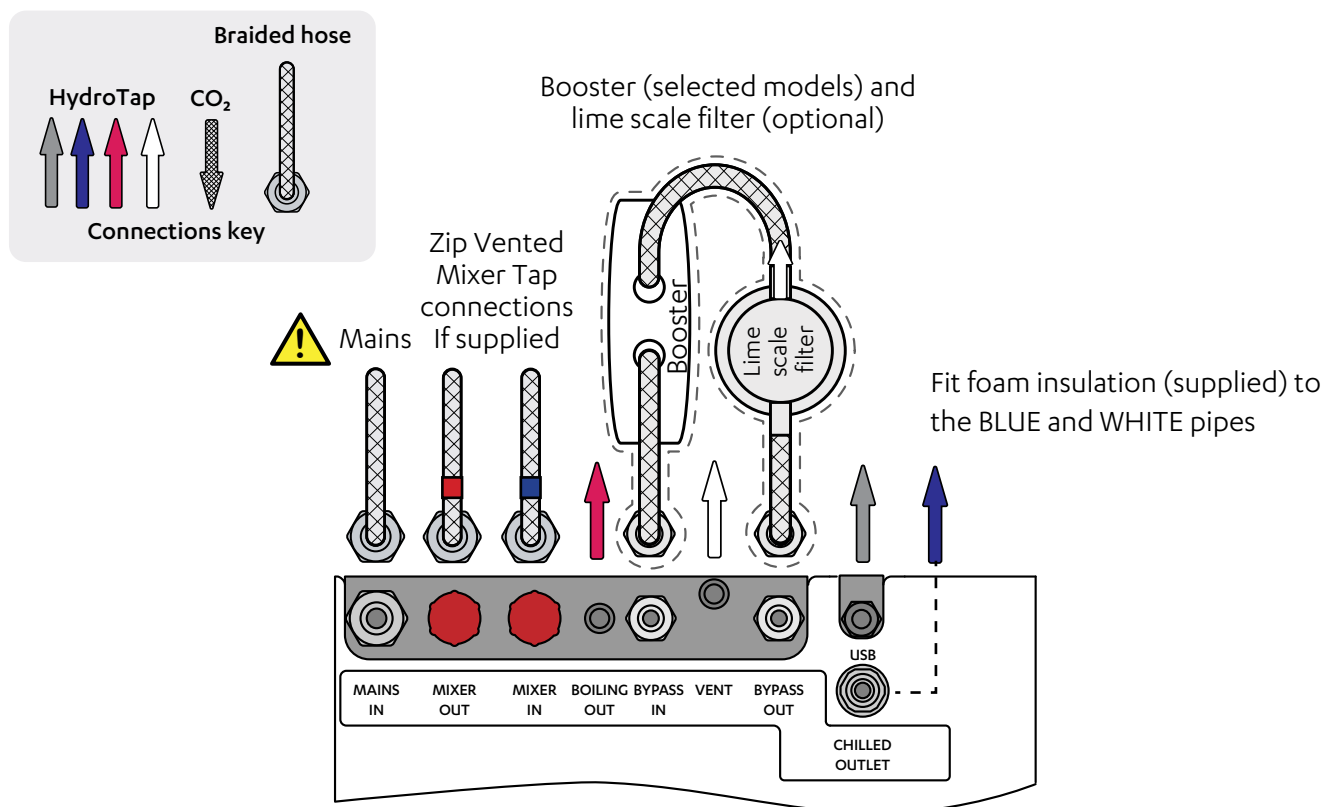
Example installation

Diagram for illustrative purposes only. Hoses are not shown to scale.

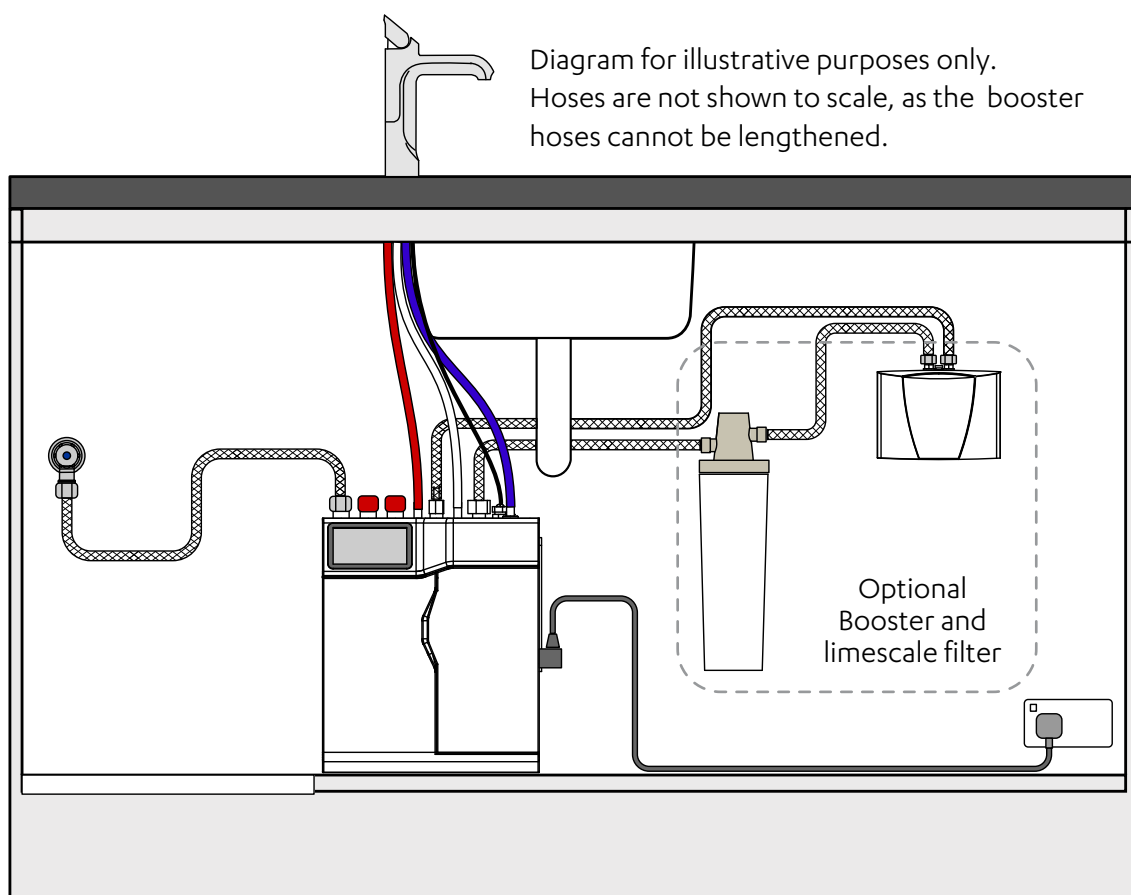


4.5.1 BC20 - BC30, BC Home HydroTap models

Australian Command Centre connections

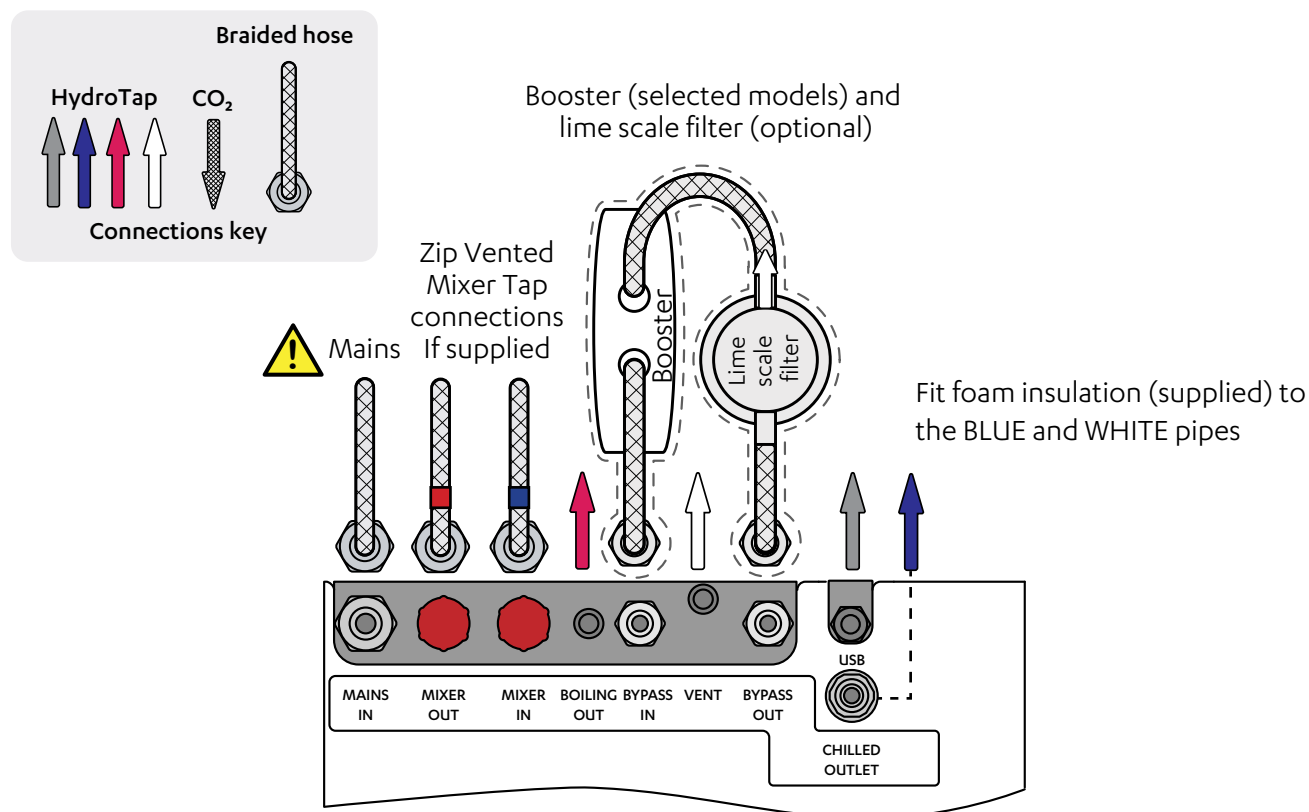


Example installation



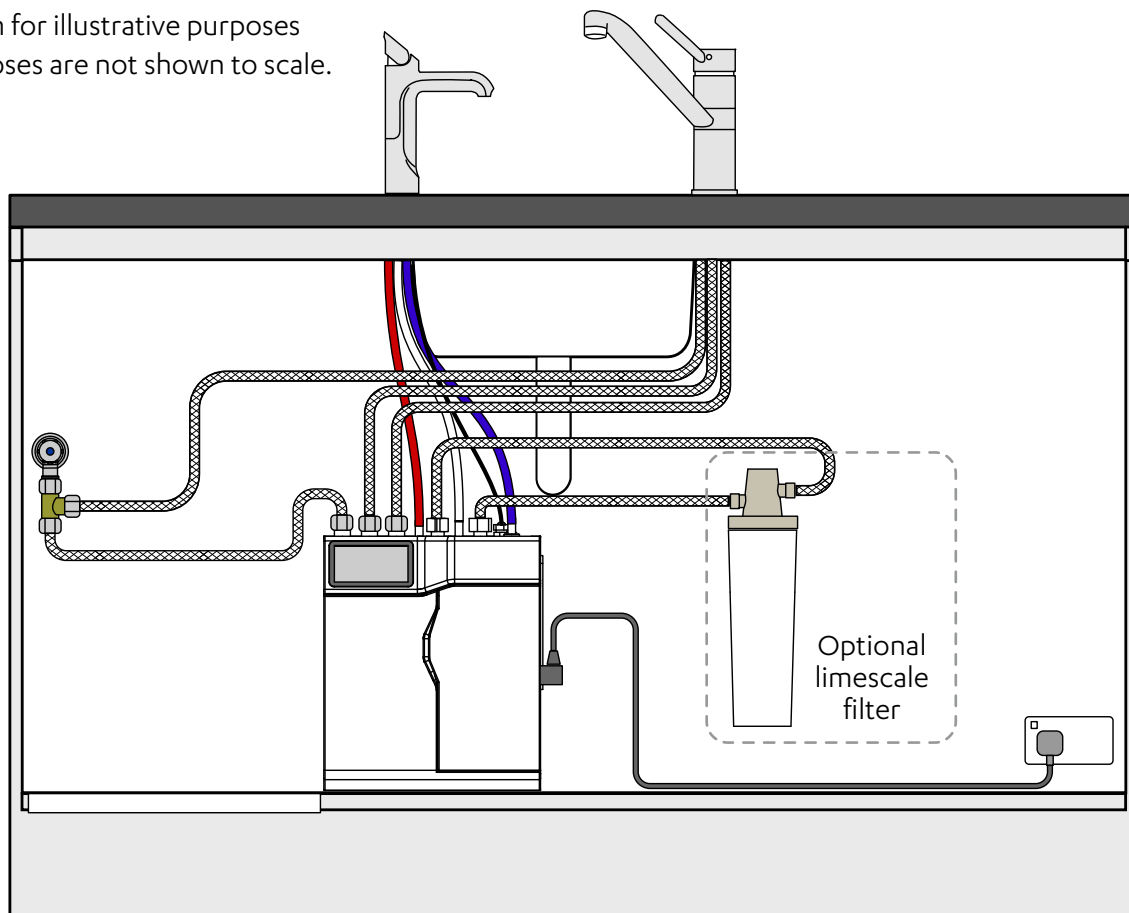
4.5.2 BC20 - BC30, BC Home HydroTap and vented mixer tap combinations

Australian Command Centre connections



Example installation

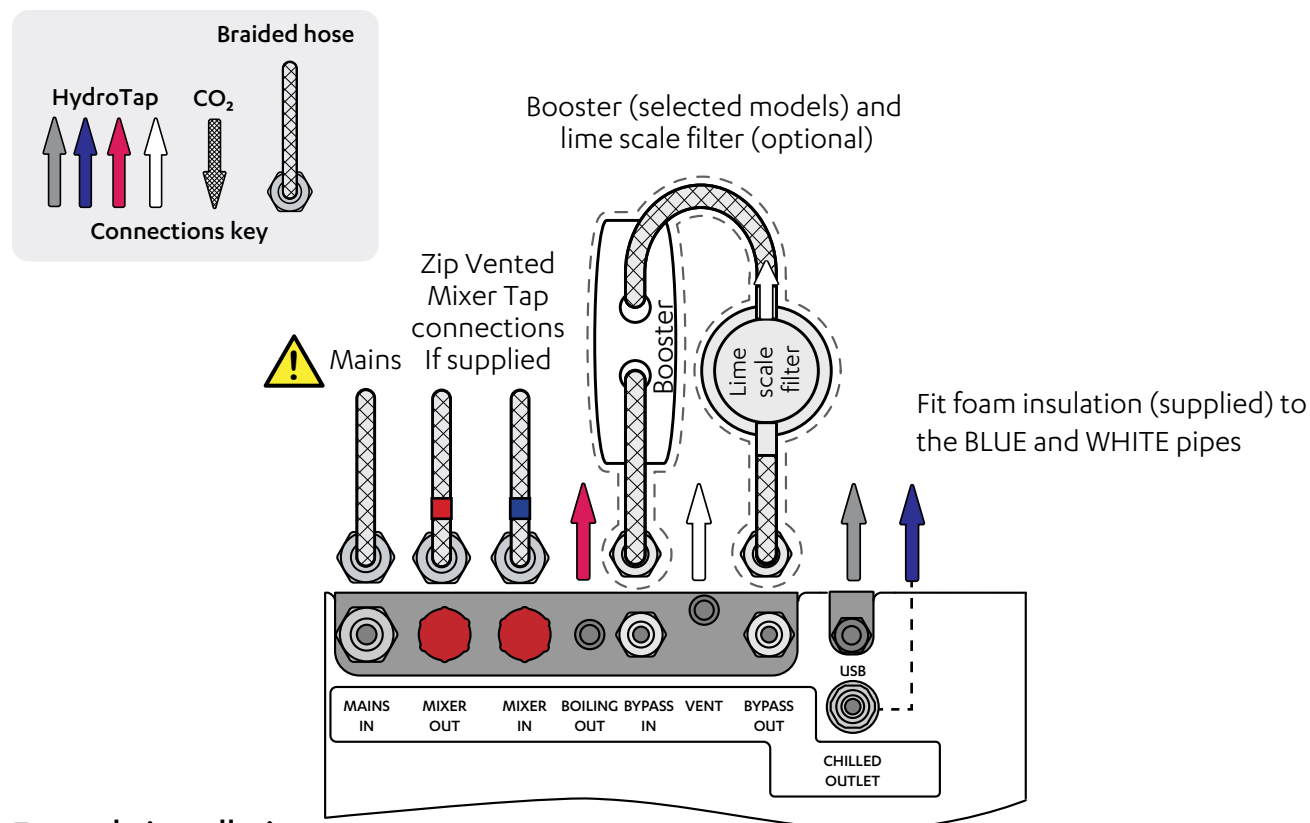
Diagram for illustrative purposes only. Hoses are not shown to scale.



Section 4 Commercial & Residential Command Centre installation

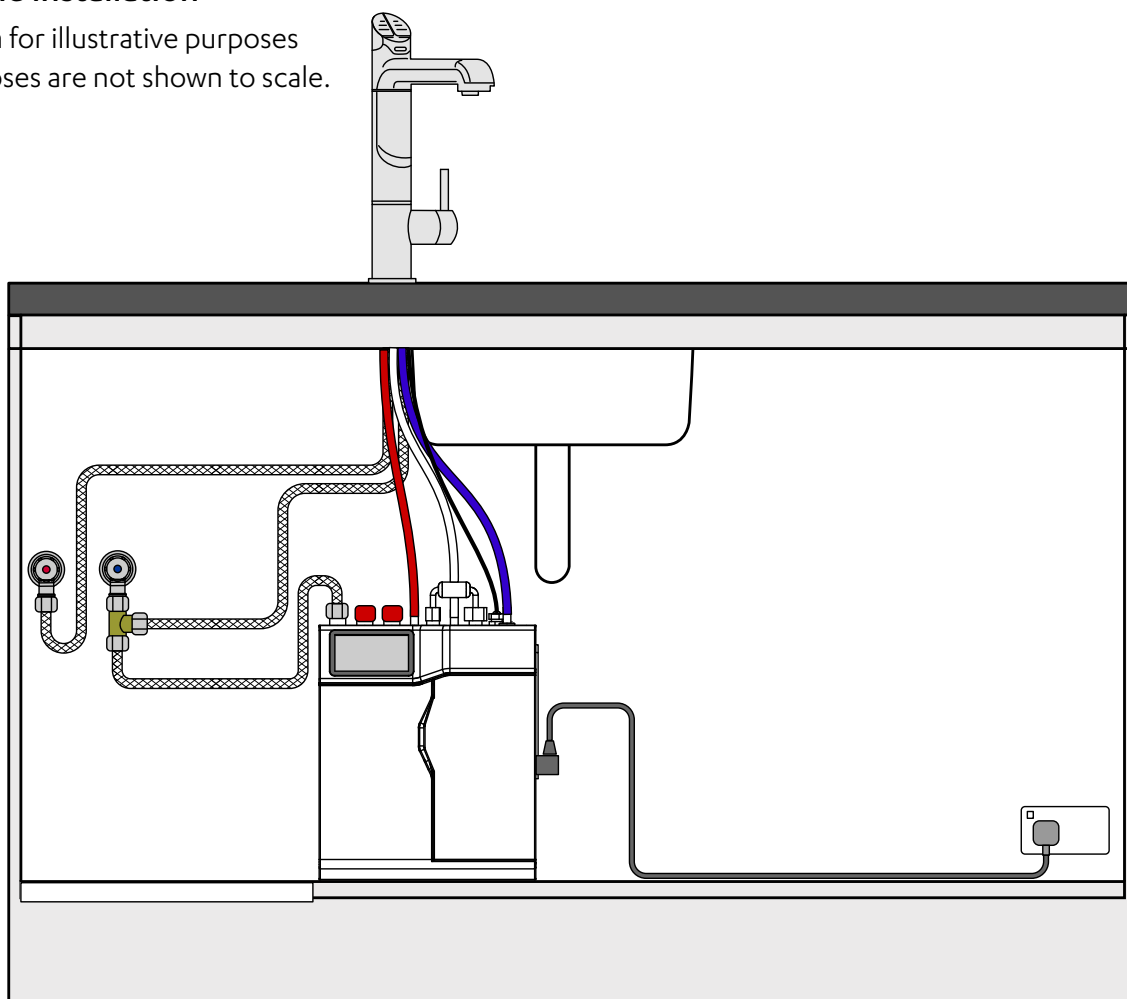
4.5.3 BC20 - BC30, BC Home All-In-One 'Mains' tap

Australian Command Centre connections



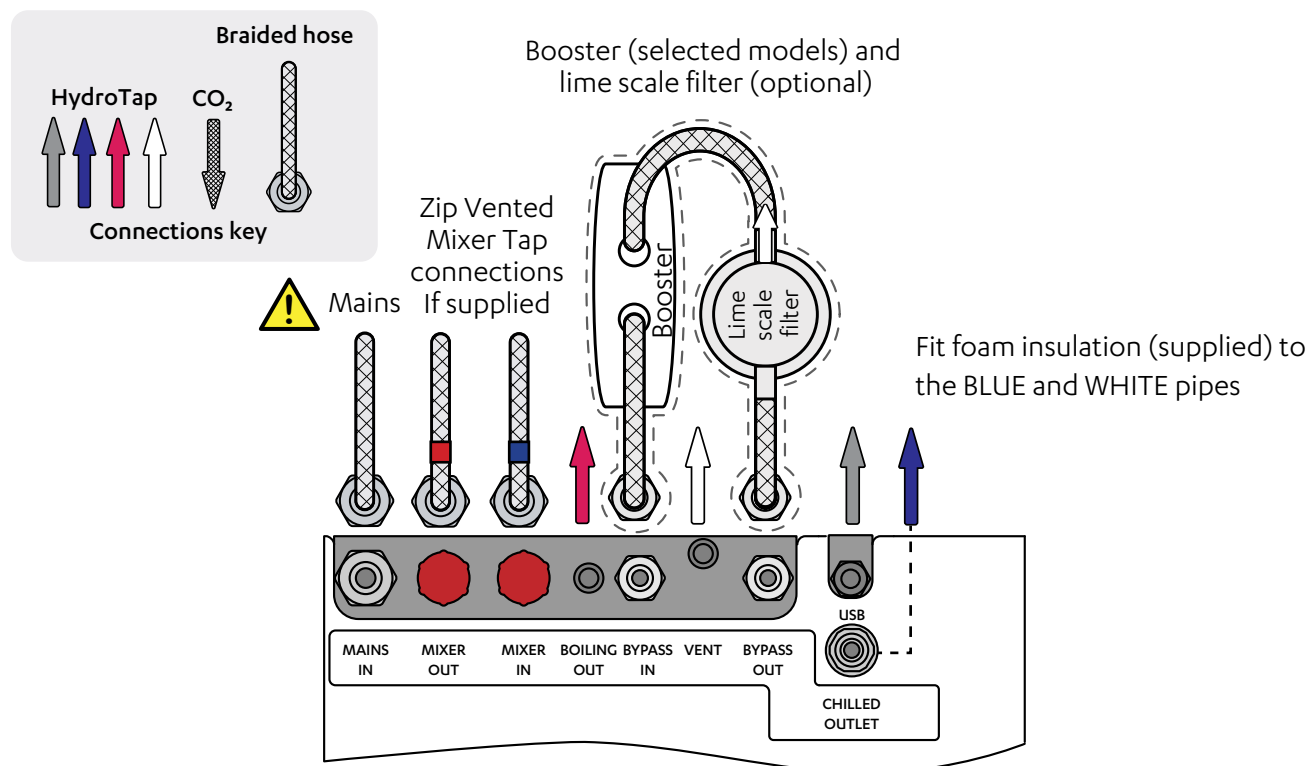
Example installation

Diagram for illustrative purposes only. Hoses are not shown to scale.



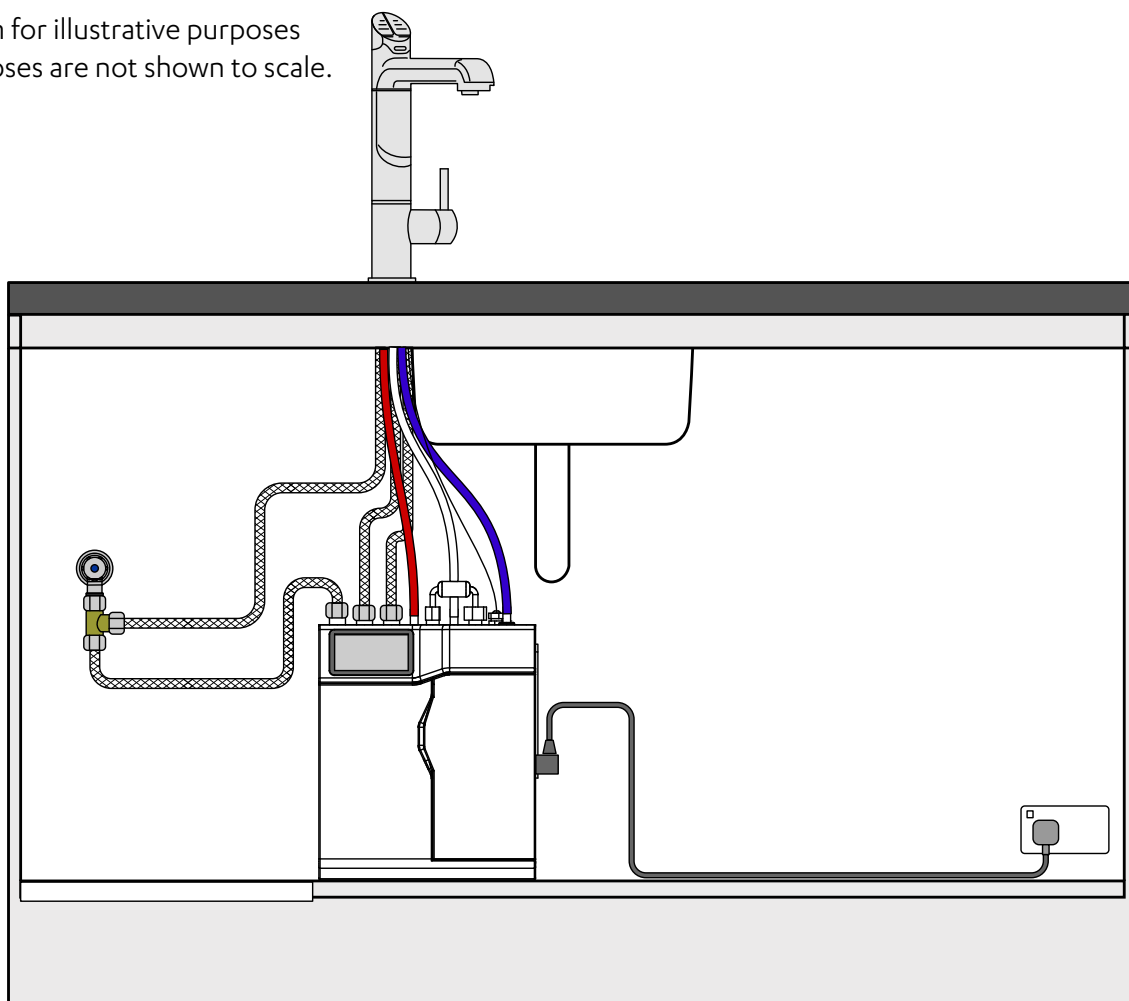
4.5.4 BC20 - BC30, BC Home All-In-One Classic 'Vented' tap

Australian Command Centre connections



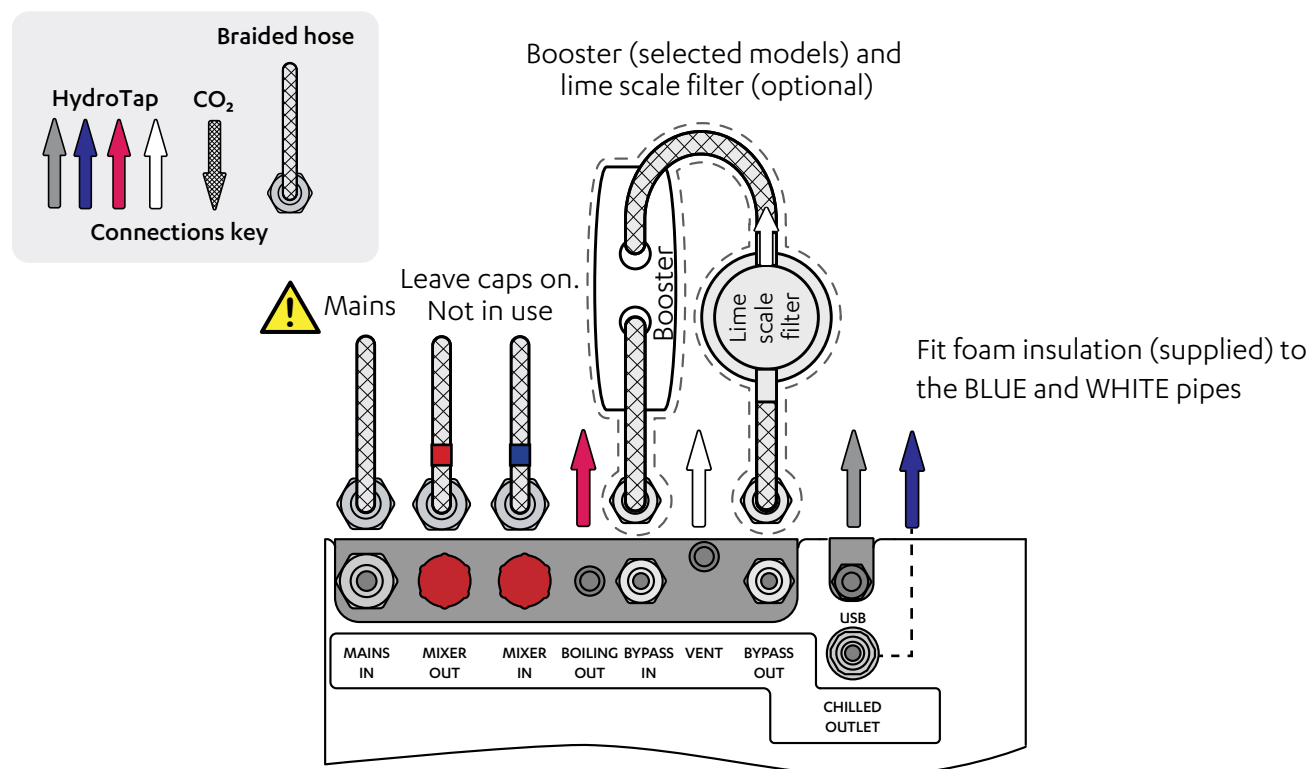
Example installation

Diagram for illustrative purposes only. Hoses are not shown to scale.

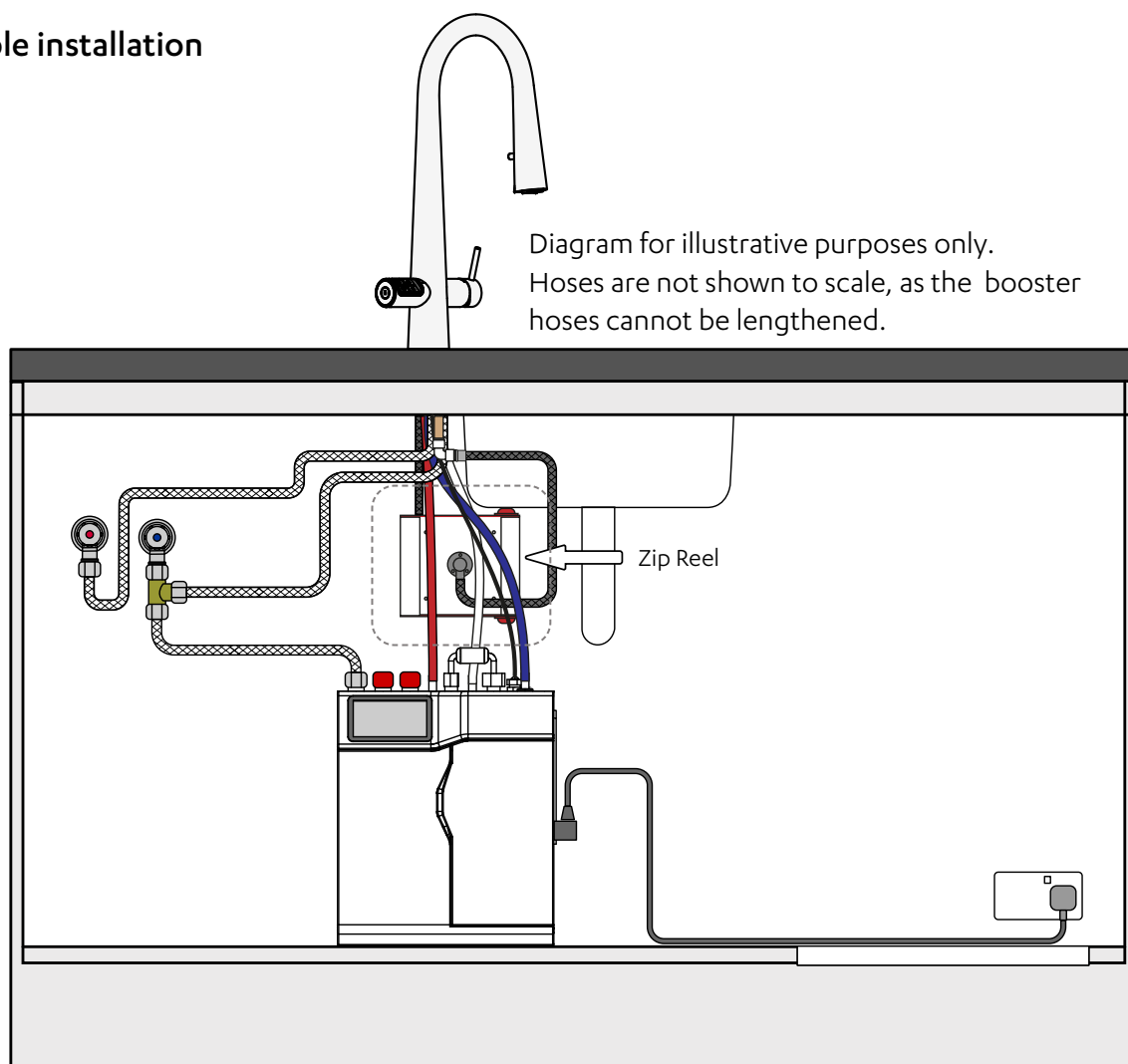


4.5.5 BC20 - BC30, BC Home All-In-One Pull-Out tap models

Australian Command Centre connections

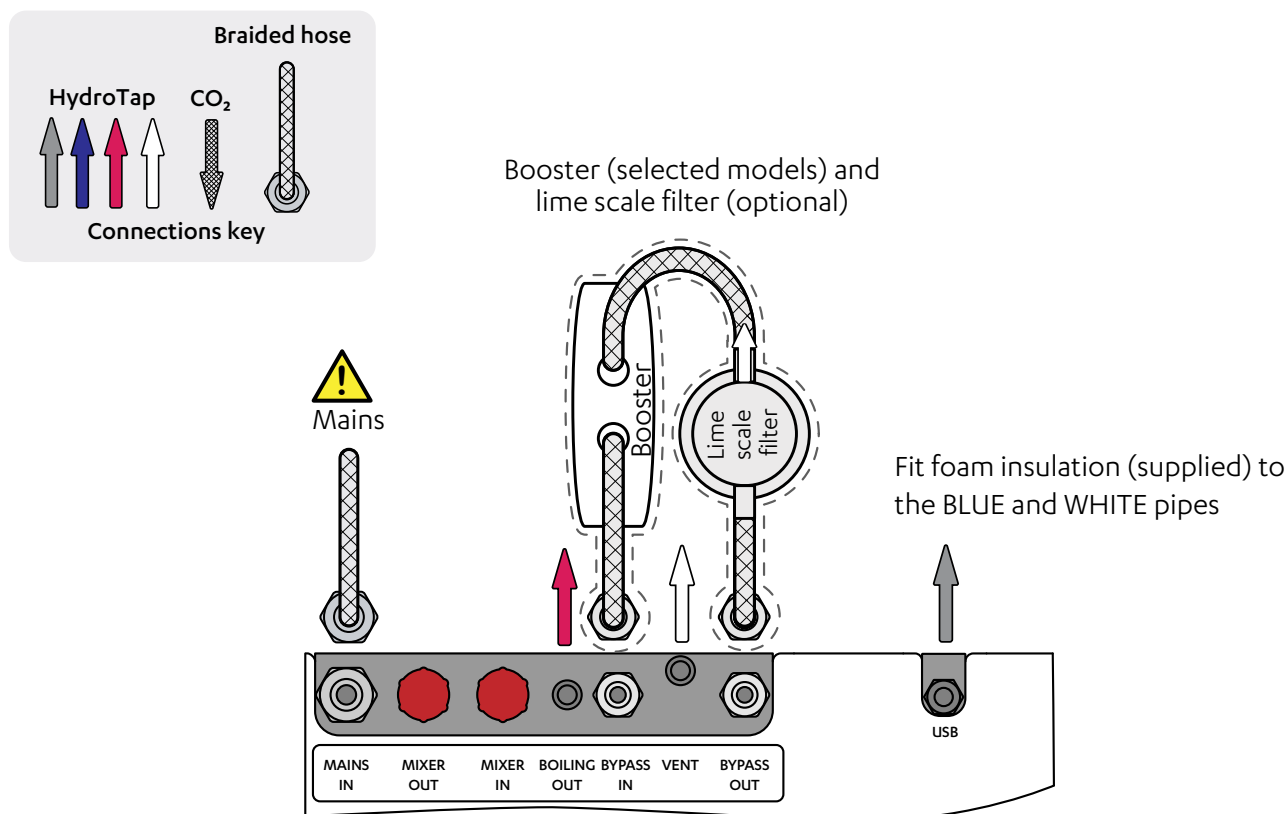


Example installation

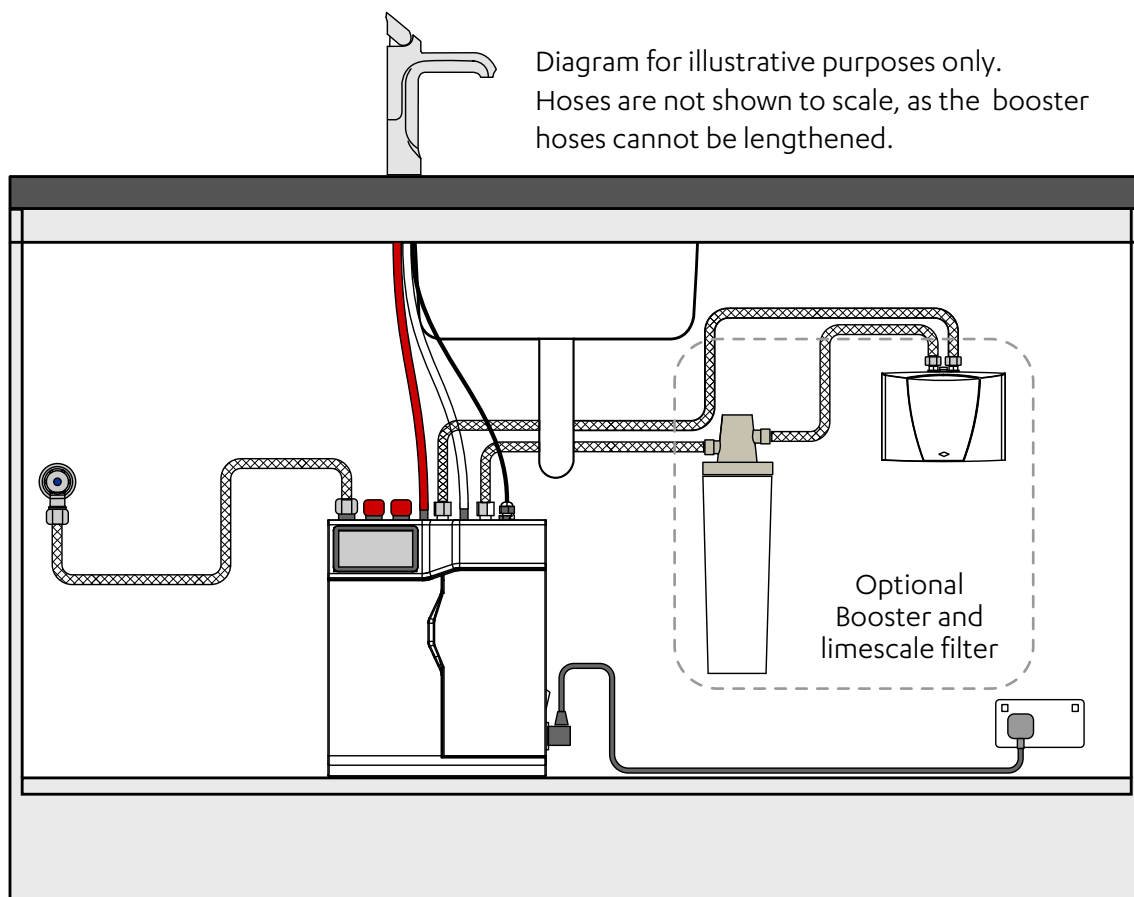


4.6.1 B60 - B100, B Home HydroTap boiling models

Australian Command Centre connections

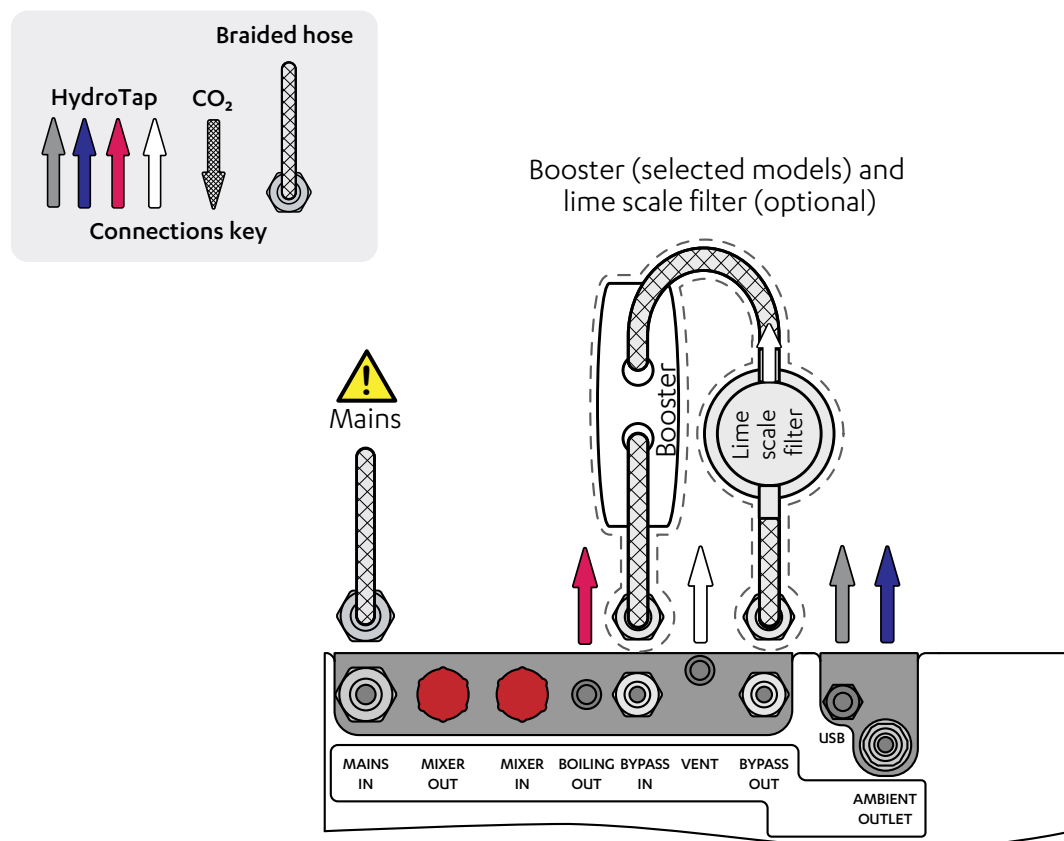


Example installation



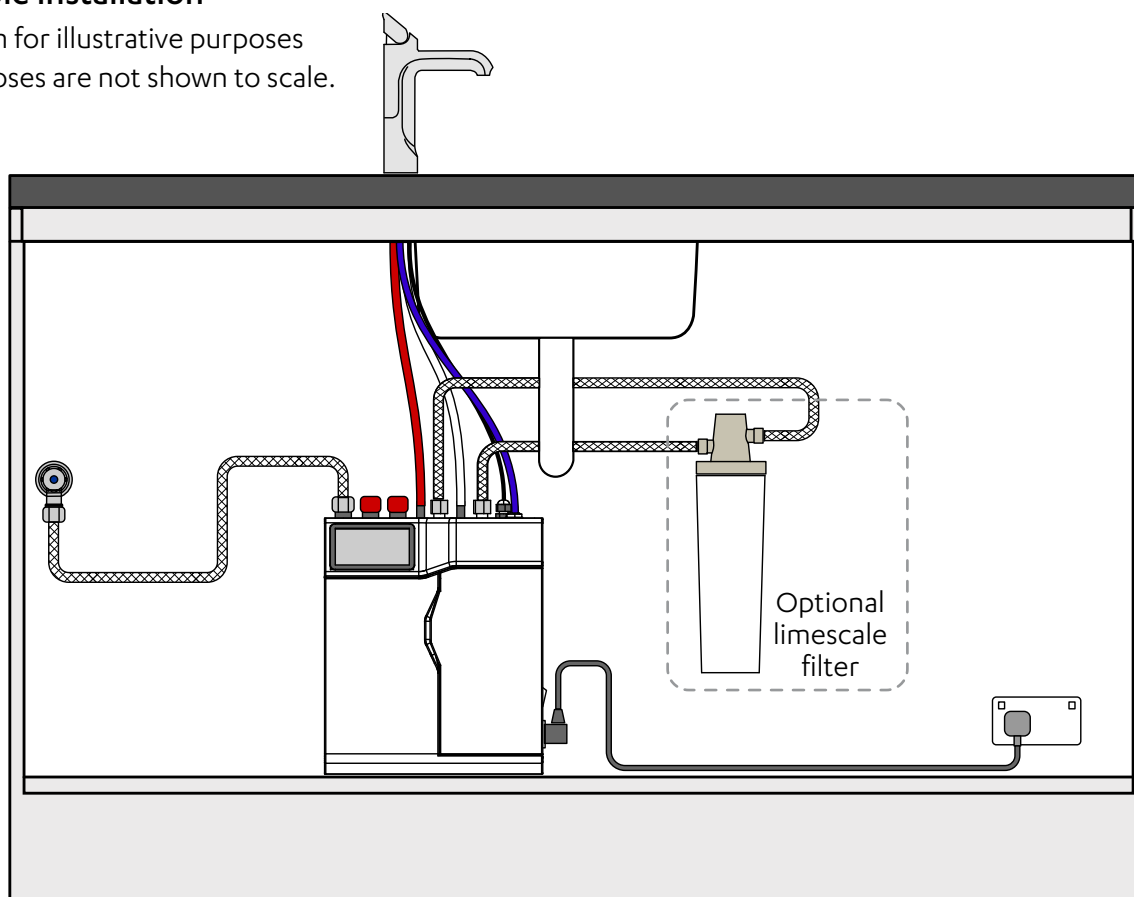
4.6.2 BA60 - BA100, BA Home HydroTap boiling ambient models

Australian Command Centre connections



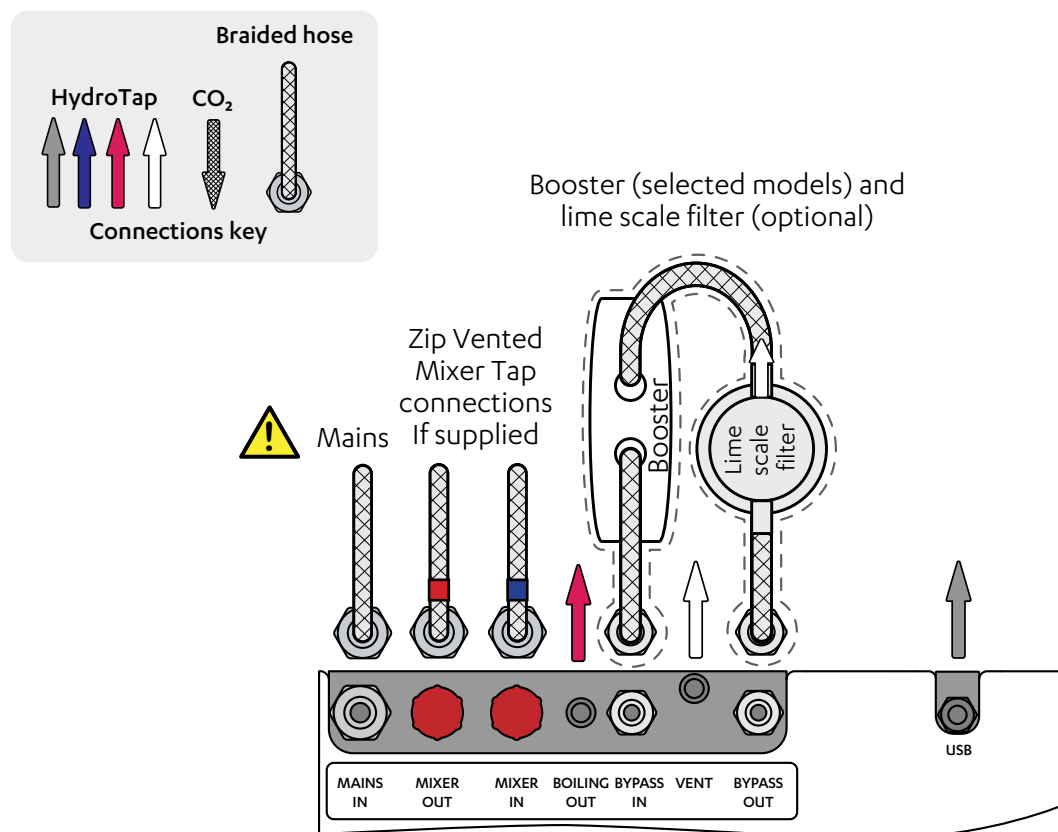
Example installation

Diagram for illustrative purposes only. Hoses are not shown to scale.



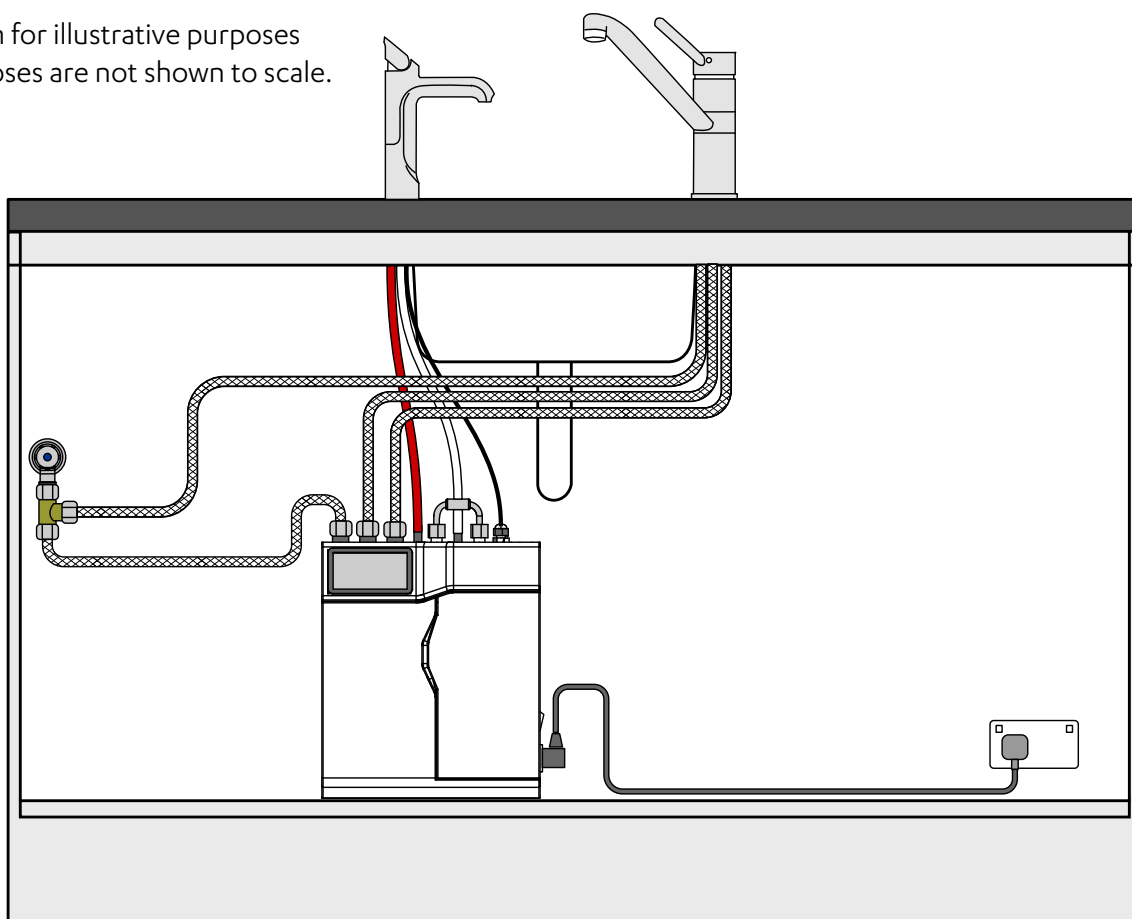
4.6.3 B60 - B100, B Home HydroTap boiling and vented mixer tap combinations

Australian Command Centre connections



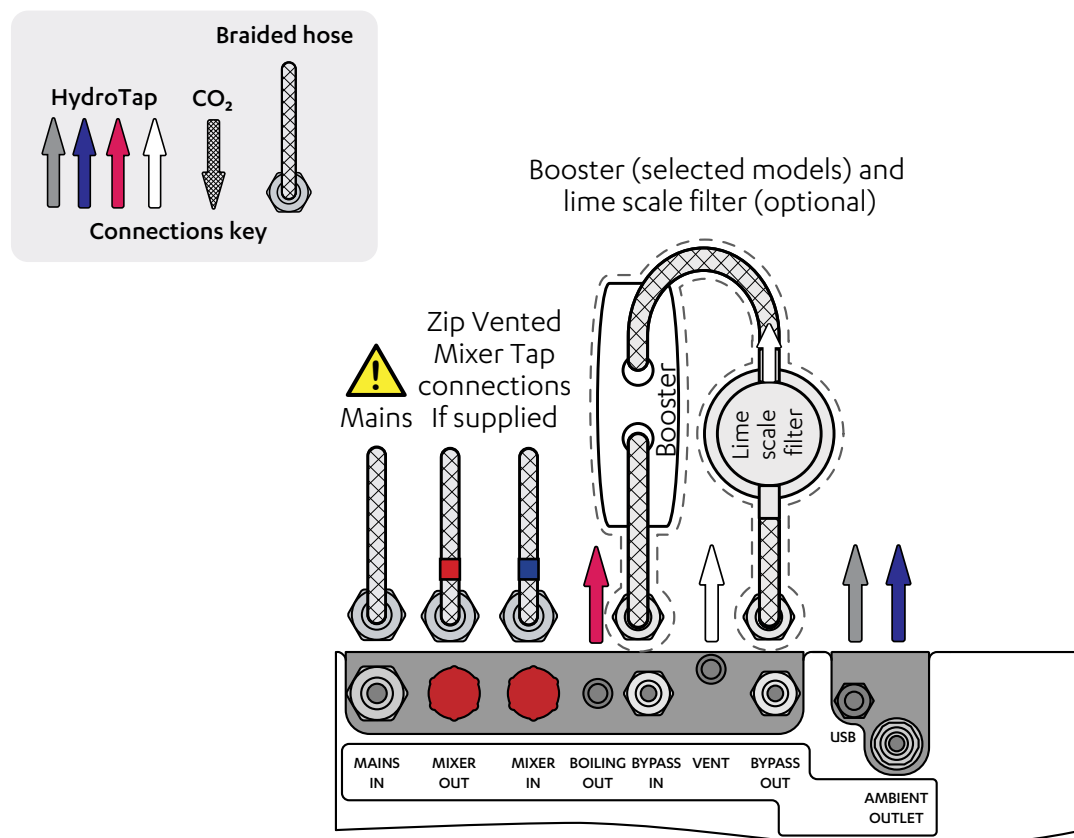
Example installation

Diagram for illustrative purposes only. Hoses are not shown to scale.



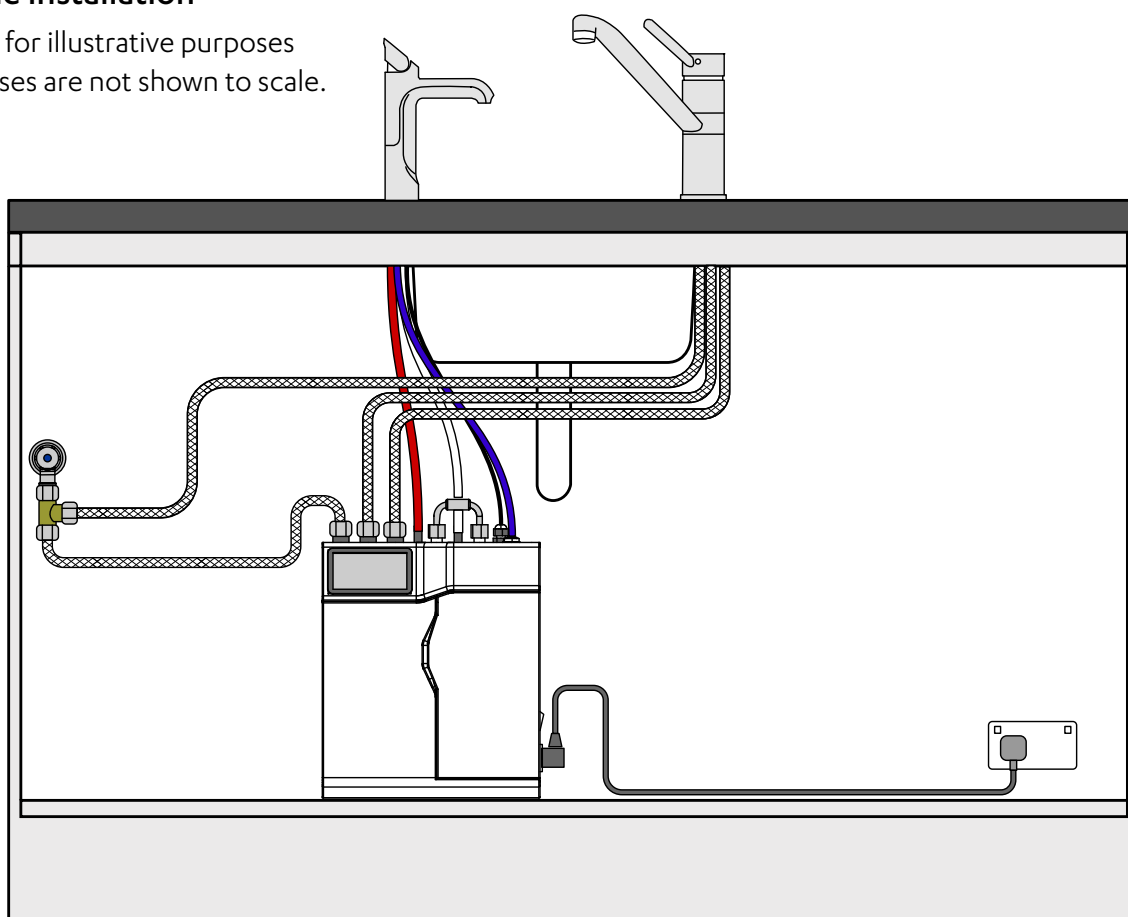
4.6.4 BA60 - BA100, BA Home HydroTap boiling ambient and mixer tap combinations

Australian Command Centre connections



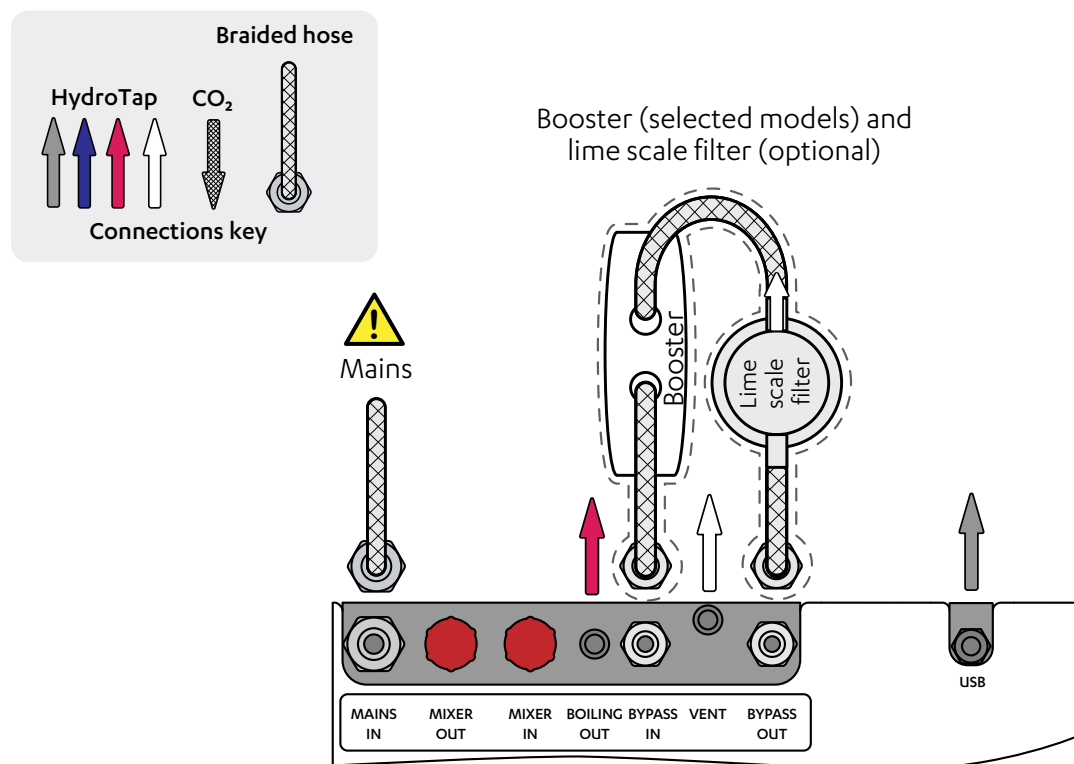
Example installation

Diagram for illustrative purposes only. Hoses are not shown to scale.

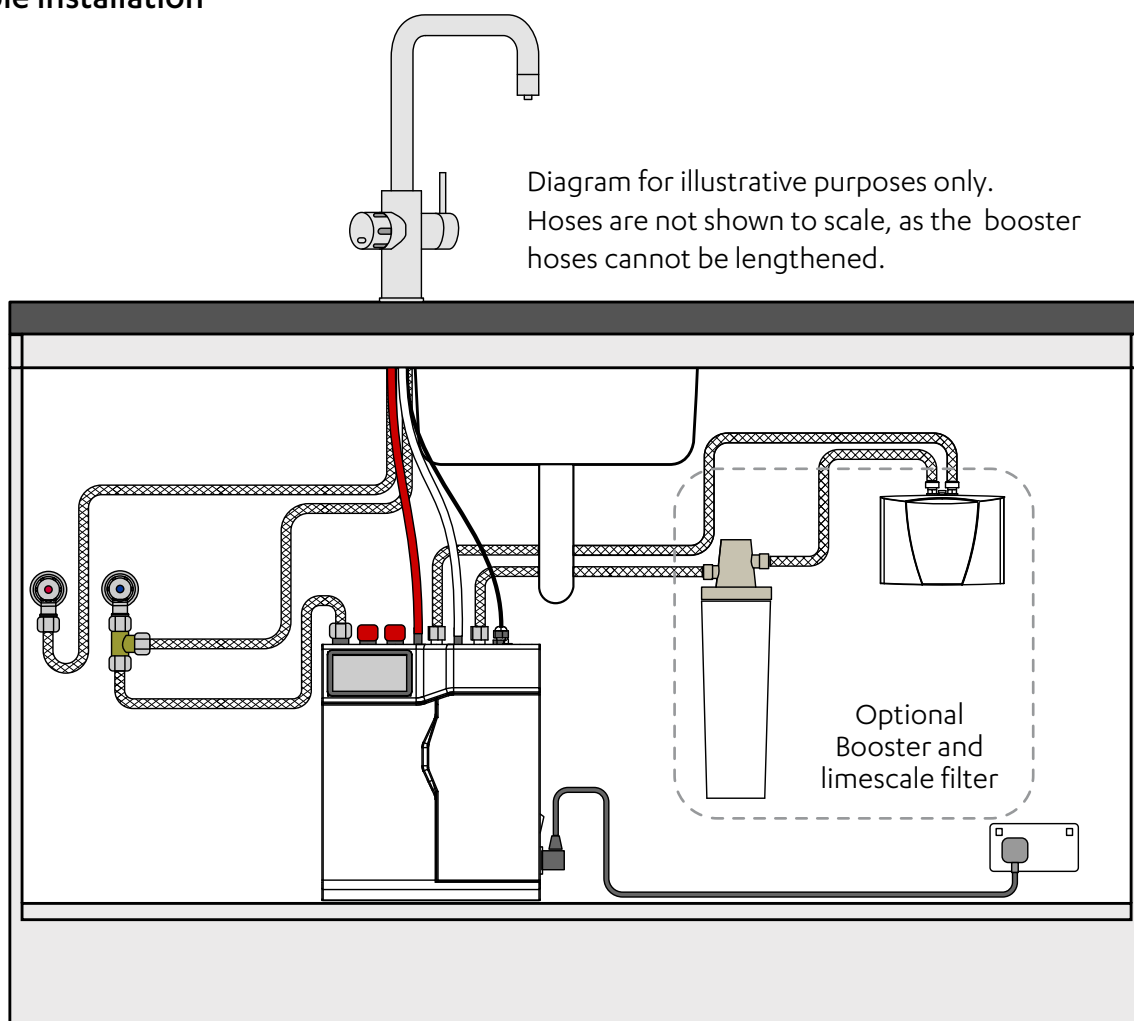


4.6.5 B60 - B100, B Home HydroTap boiling with mains mixer tap models

Australian Command Centre connections

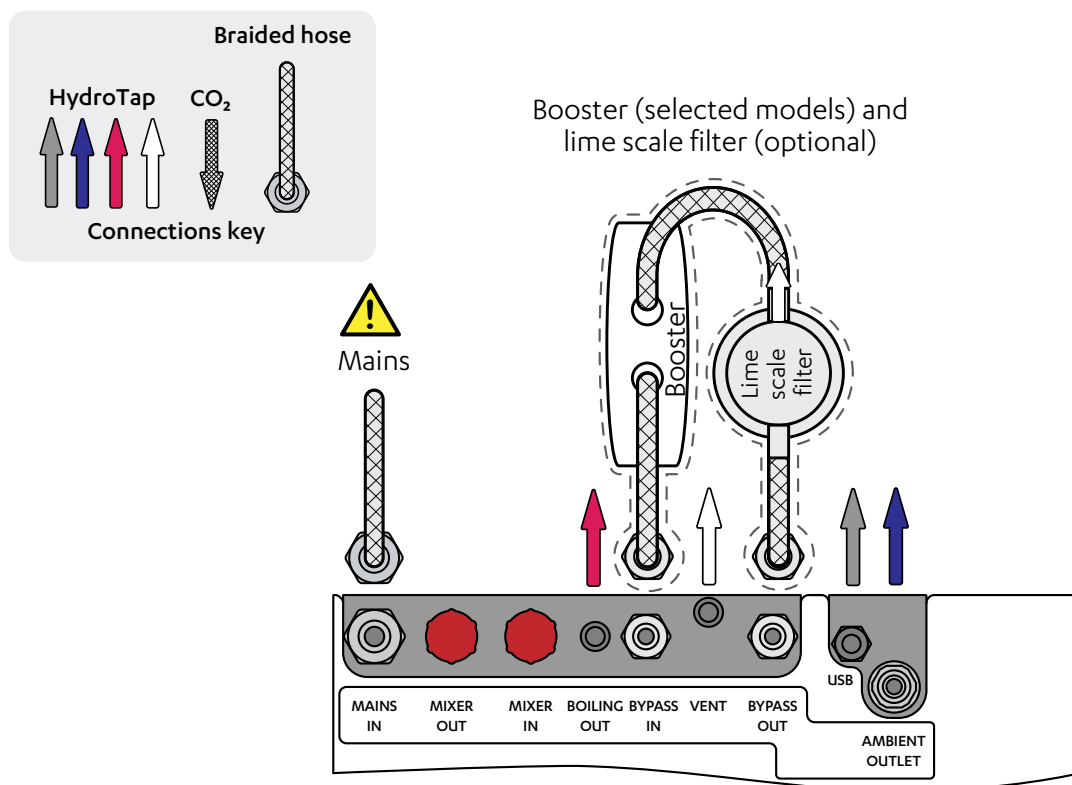


Example installation



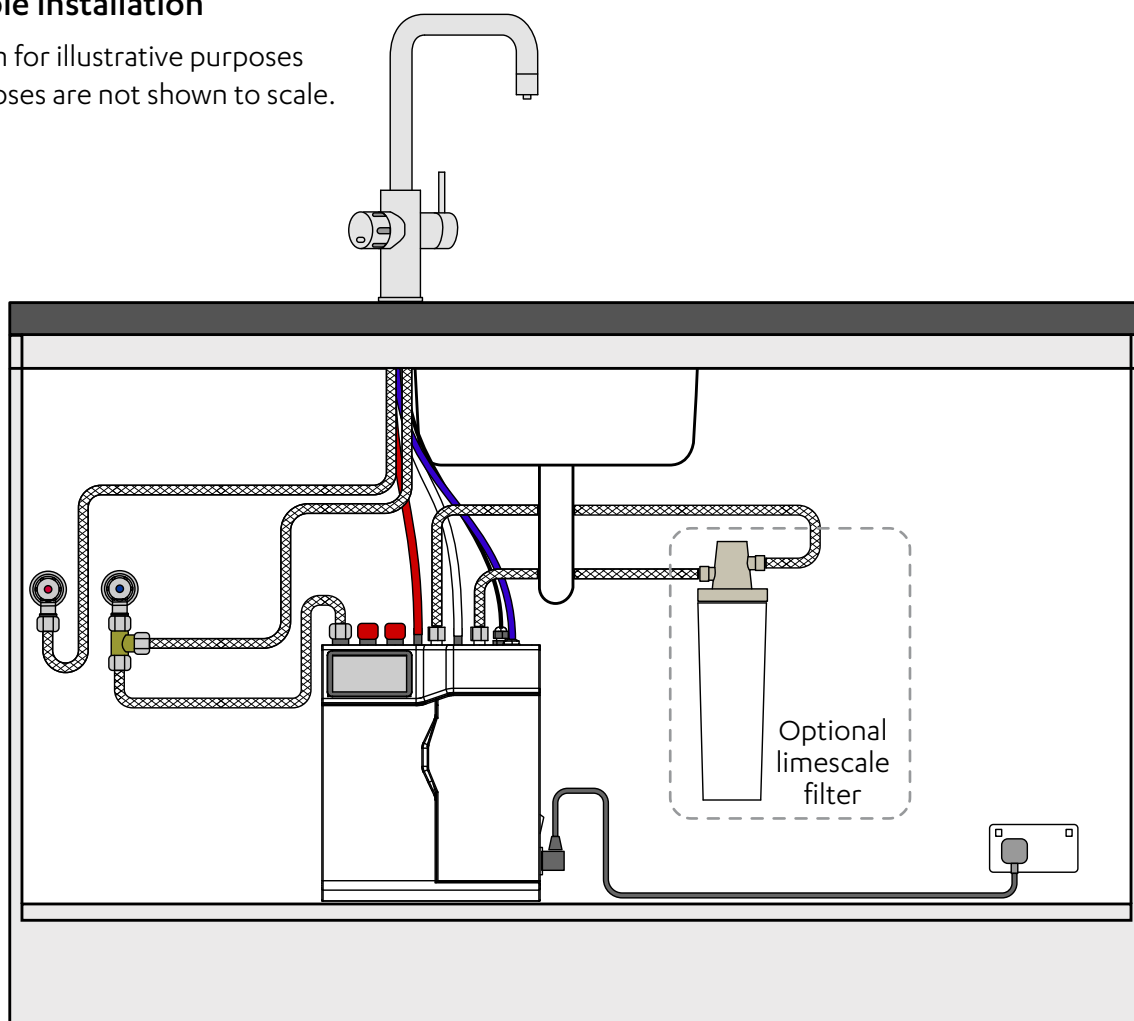
4.6.6 BA60 - BA100, BA Home HydroTap boiling ambient with mains mixer tap

Australian Command Centre connections



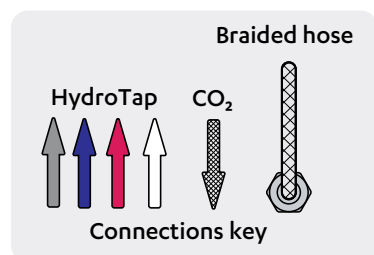
Example installation

Diagram for illustrative purposes only. Hoses are not shown to scale.

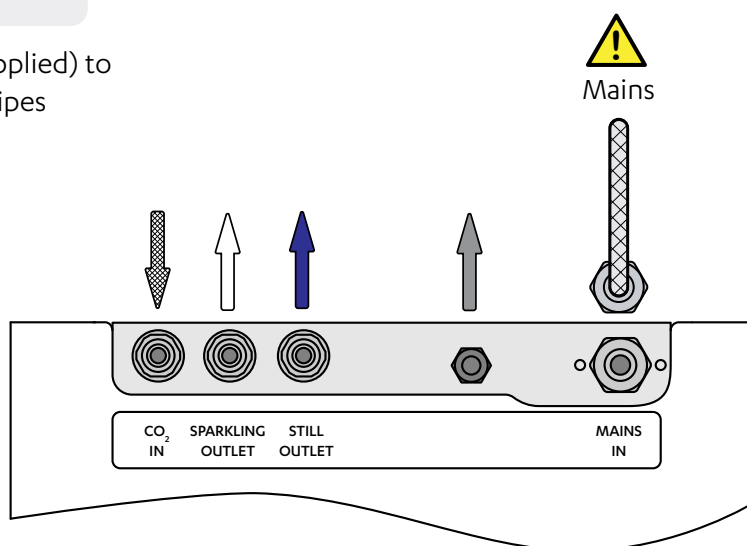


4.7.1 CS100 Chilled and sparkling HydroTap models

Australian Command Centre connections

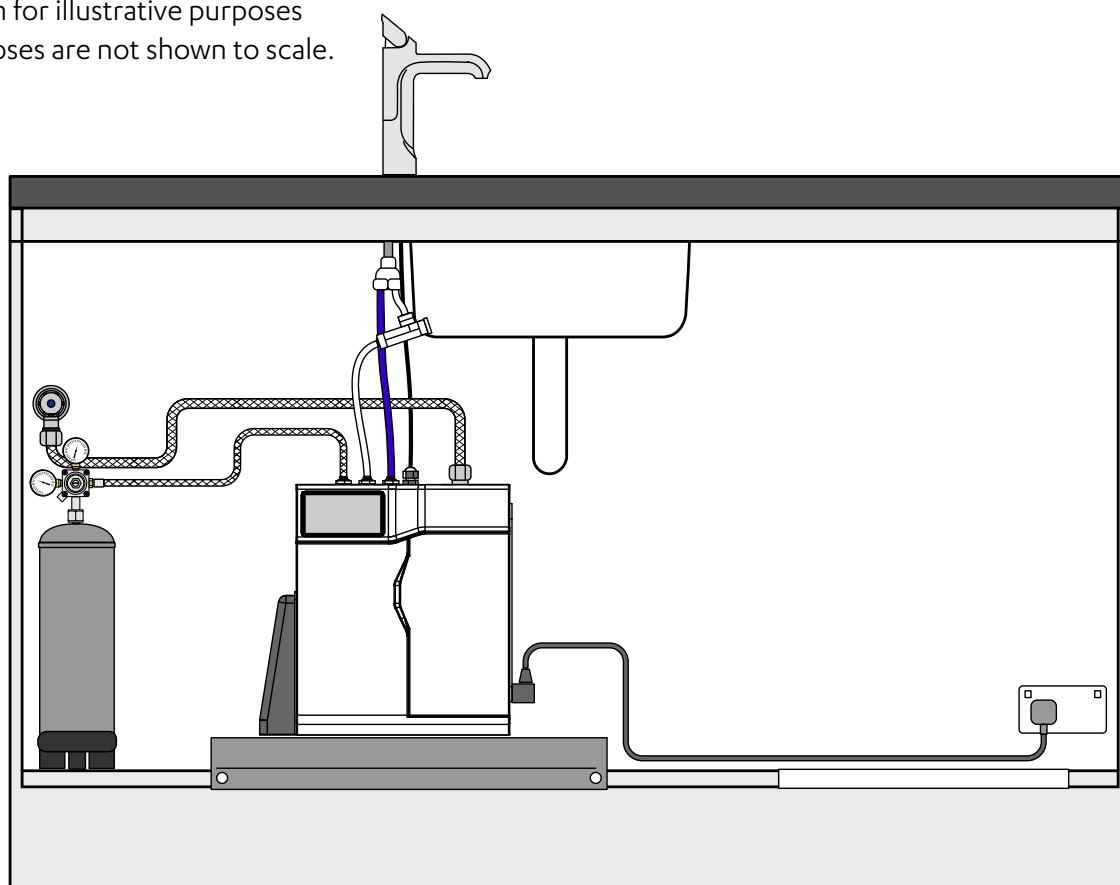


Fit foam insulation (supplied) to the BLUE and WHITE pipes

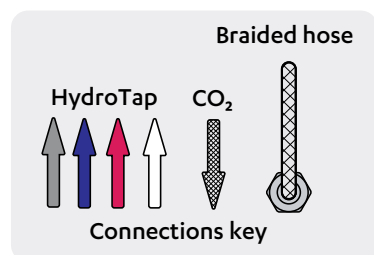


Example installation

Diagram for illustrative purposes only. Hoses are not shown to scale.



4.7.2 CS100 Chilled, sparkling and mixed hot & cold

Australian Command Centre connections

Fit foam insulation (supplied) to the BLUE and WHITE pipes

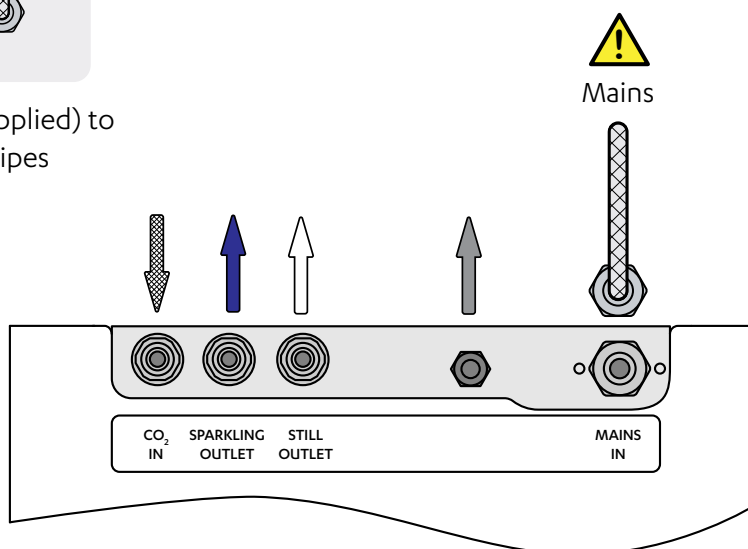
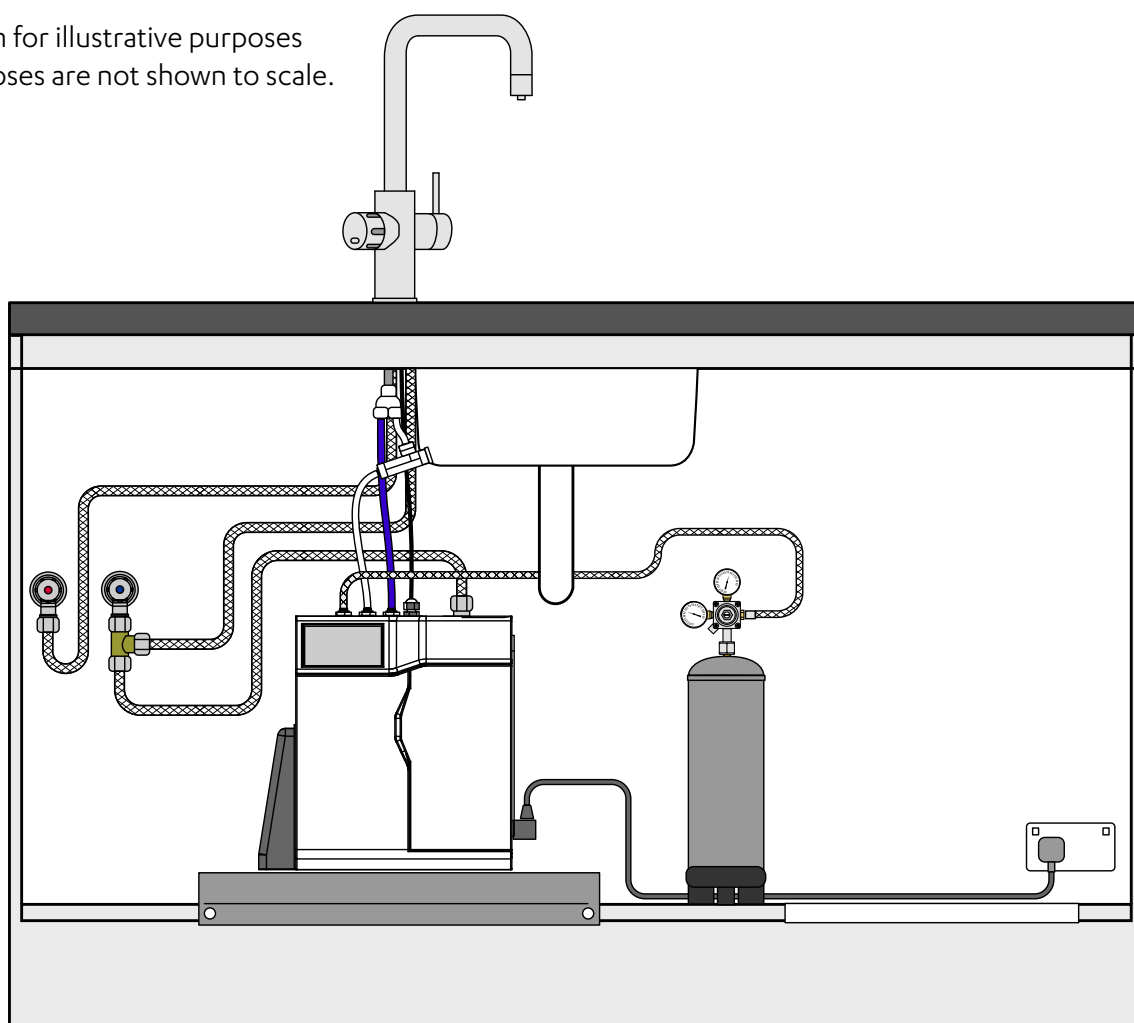
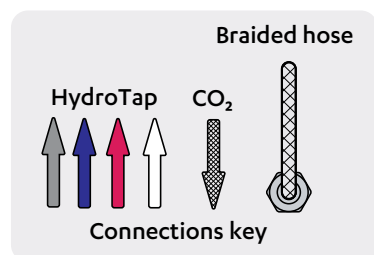
**Example installation**

Diagram for illustrative purposes only. Hoses are not shown to scale.

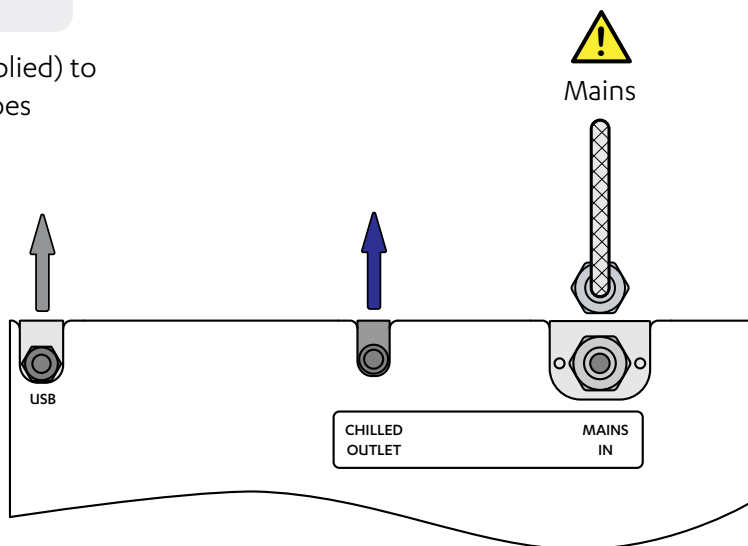


4.8.1 C40 - C100 HydroTap Chilled models

Australian Command Centre connections

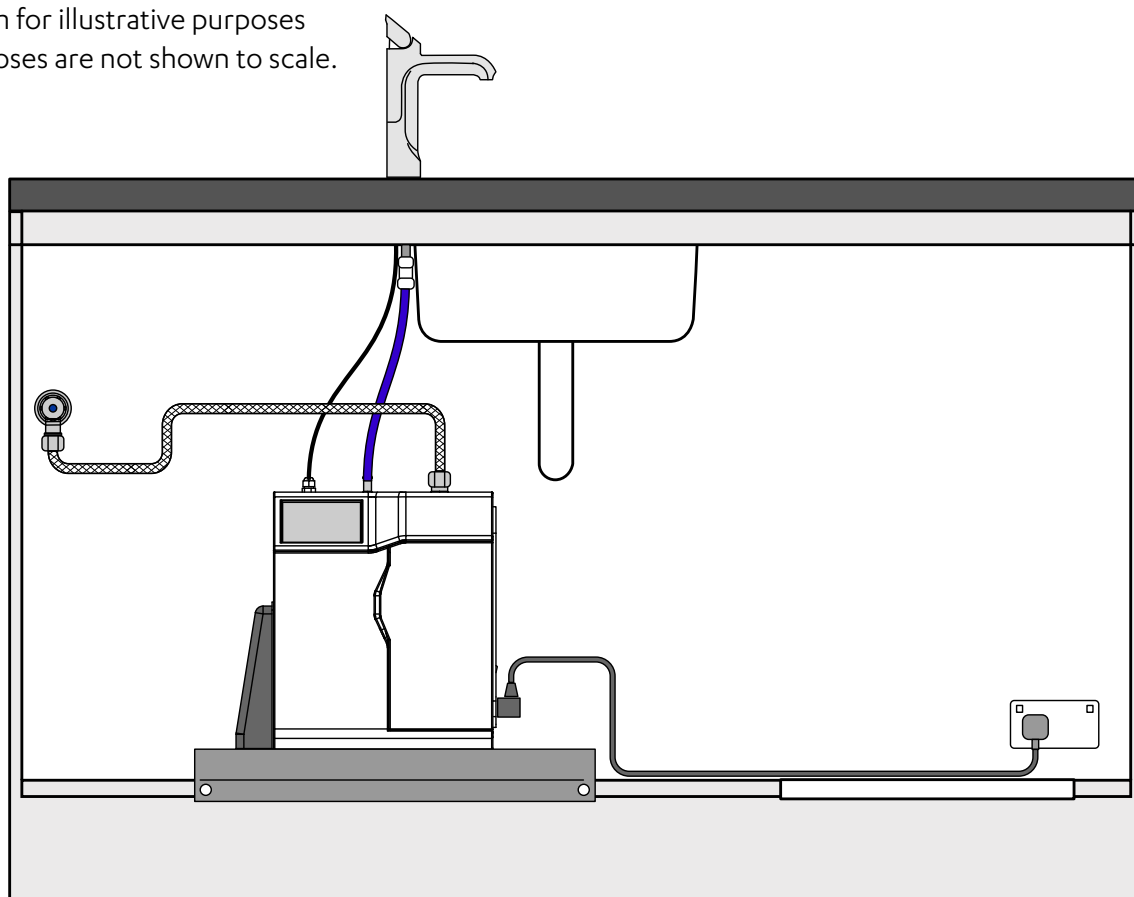


Fit foam insulation (supplied) to the BLUE and WHITE pipes



Example installation

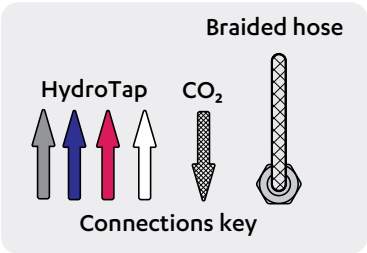
Diagram for illustrative purposes only. Hoses are not shown to scale.



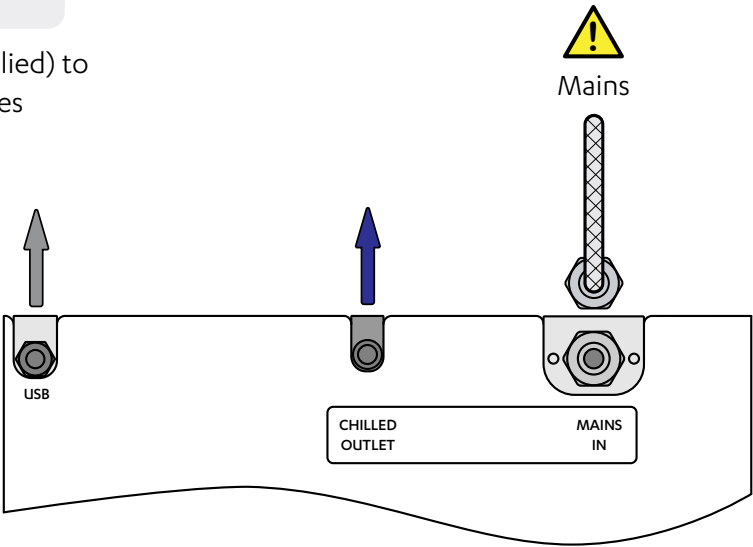
Section 4 Commercial & Residential Command Centre installation

4.8.2 C40 - C100 Chilled and mixed hot & cold models

Australian Command Centre connections

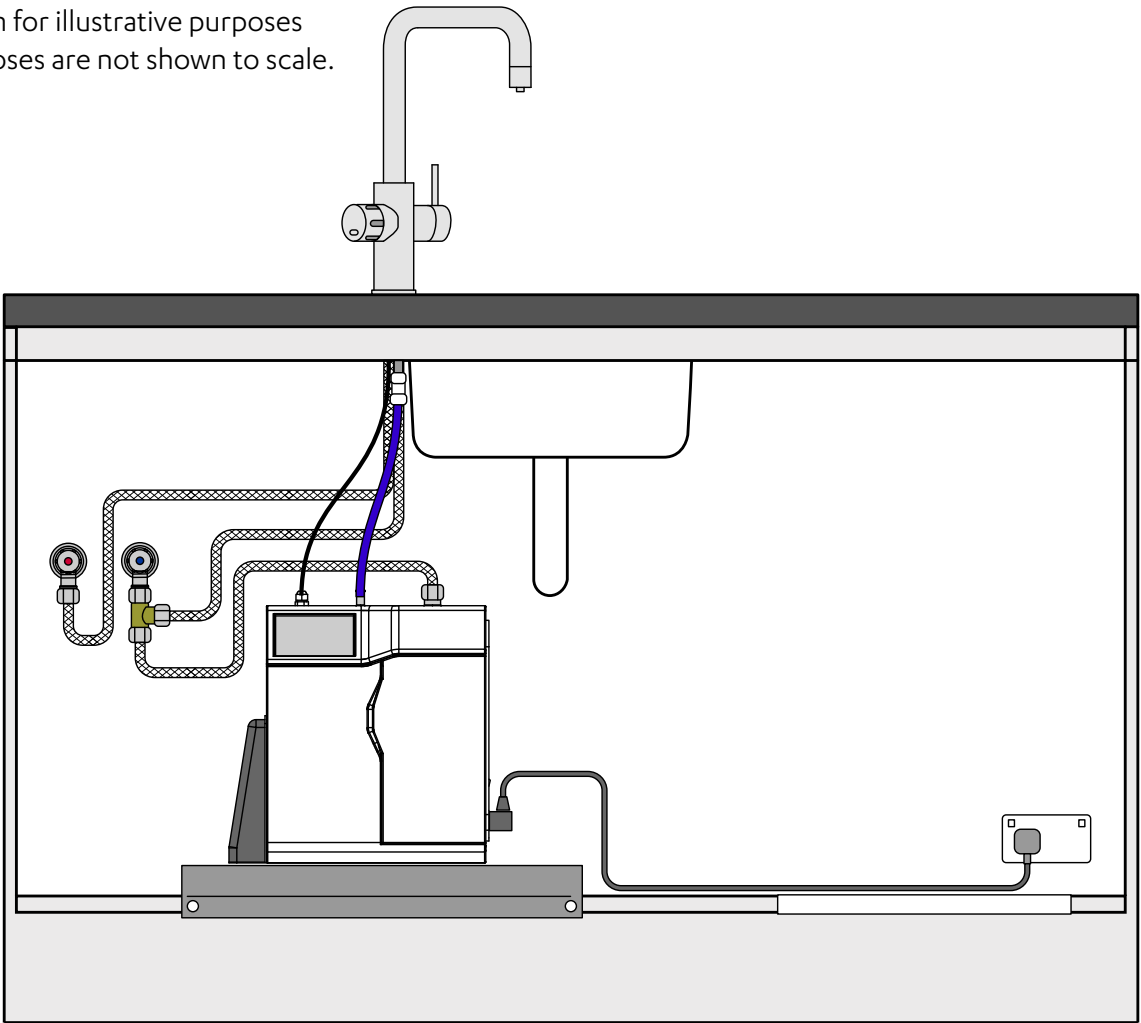


Fit foam insulation (supplied) to the BLUE and WHITE pipes



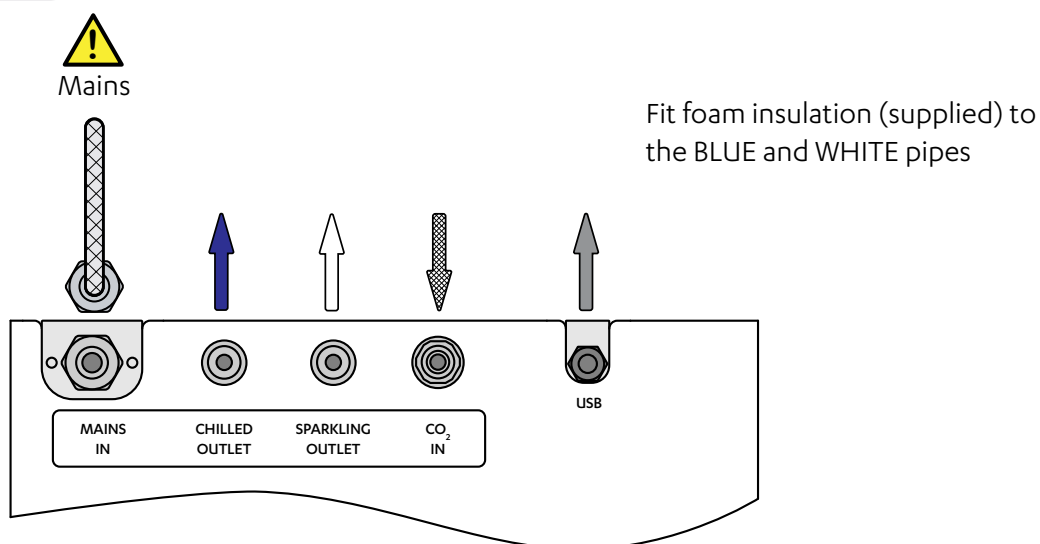
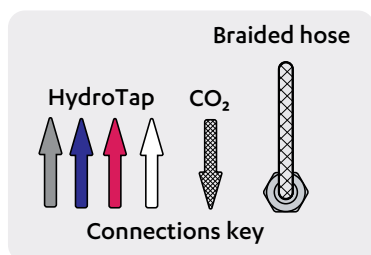
Example installation

Diagram for illustrative purposes only. Hoses are not shown to scale.



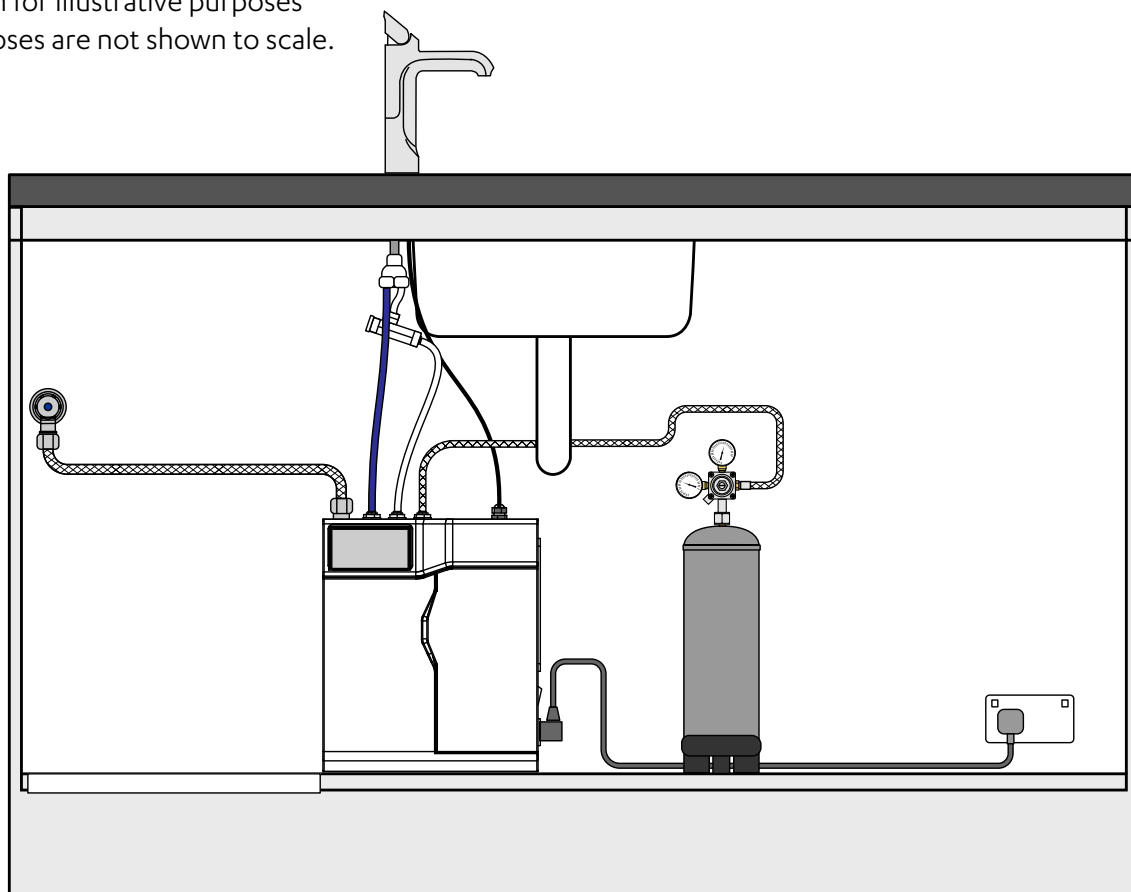
4.9.1 CS Home Chilled and sparkling HydroTap models

Australian Command Centre connections



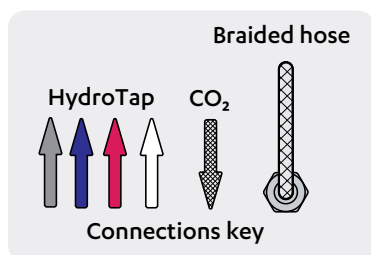
Example installation

Diagram for illustrative purposes only. Hoses are not shown to scale.

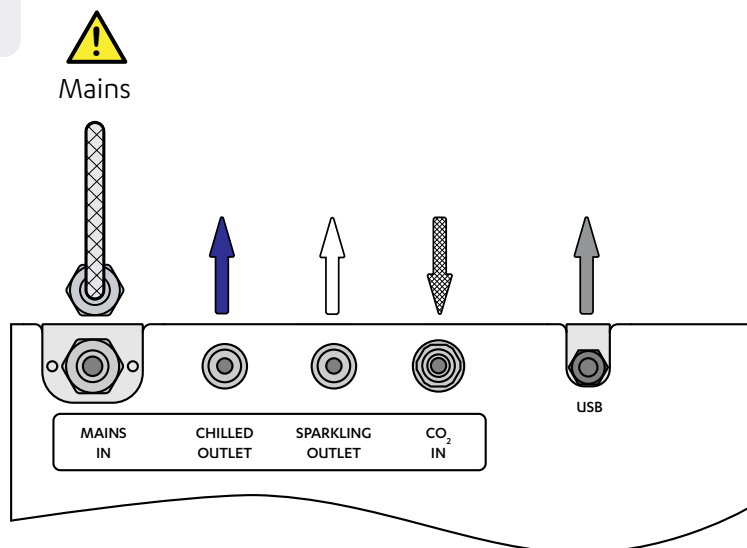


4.9.2 CS Home Chilled, sparkling and mixed hot & cold

Australian Command Centre connections

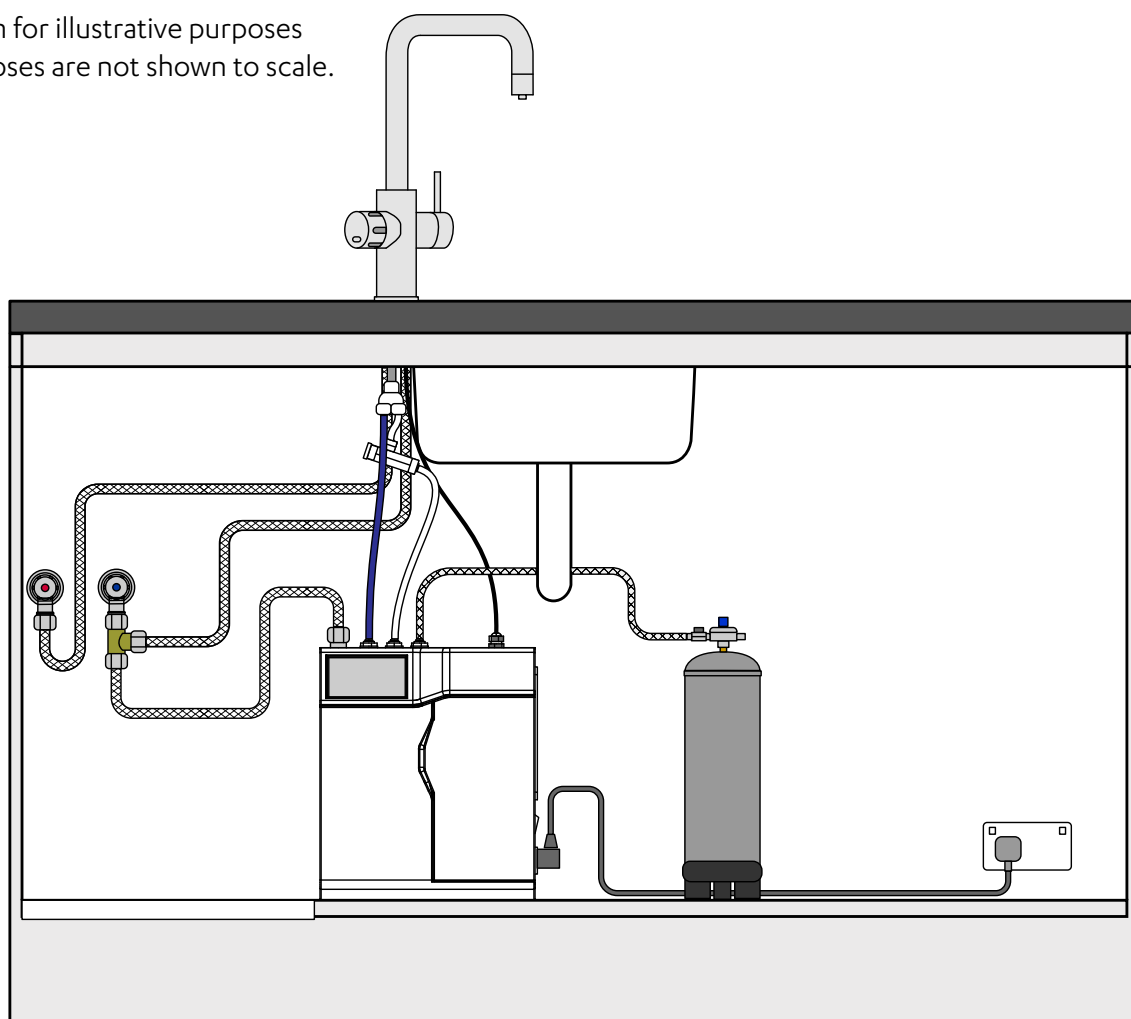


Fit foam insulation (supplied) to the BLUE and WHITE pipes



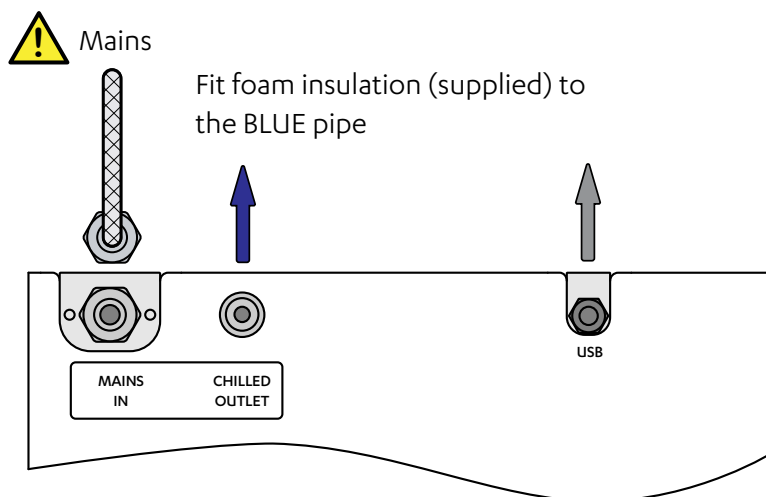
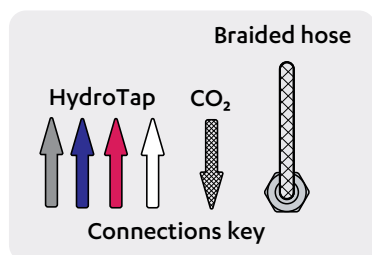
Example installation

Diagram for illustrative purposes only. Hoses are not shown to scale.



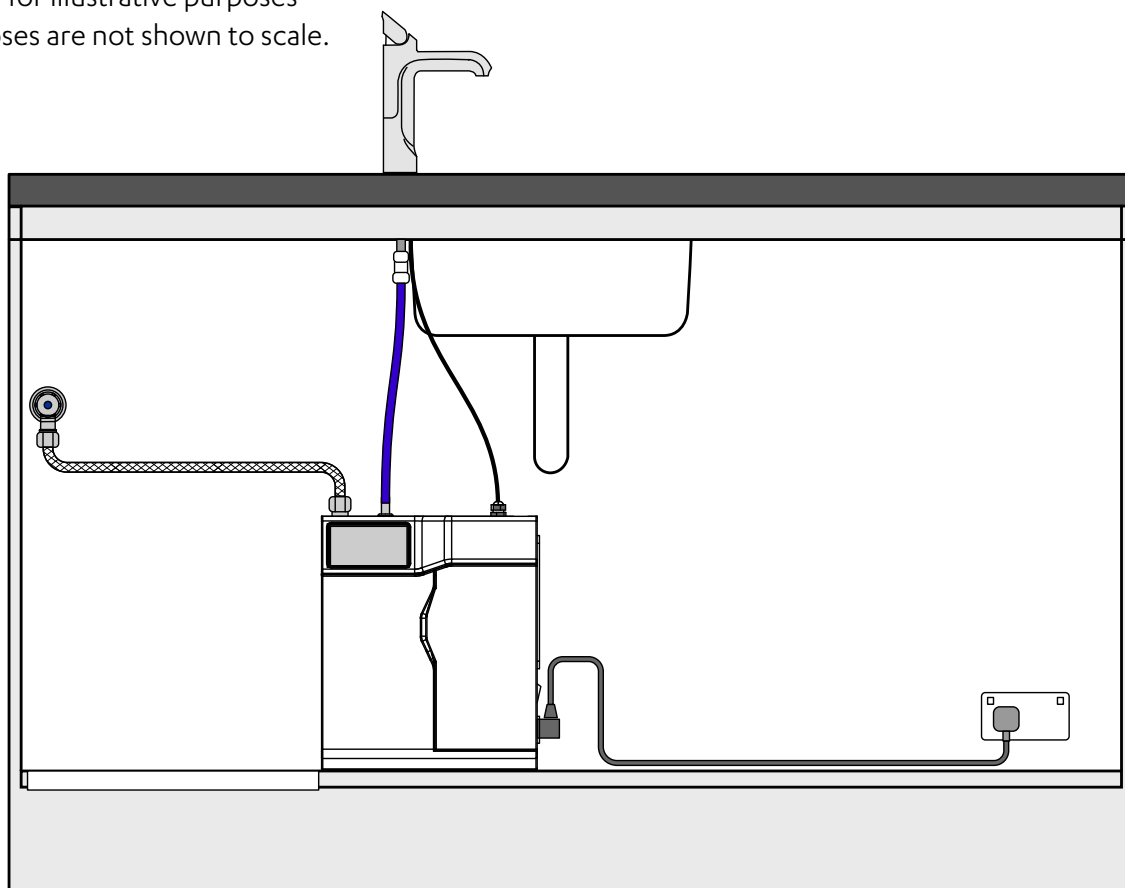
4.10.1 C Home HydroTap chilled models

Australian Command Centre connections



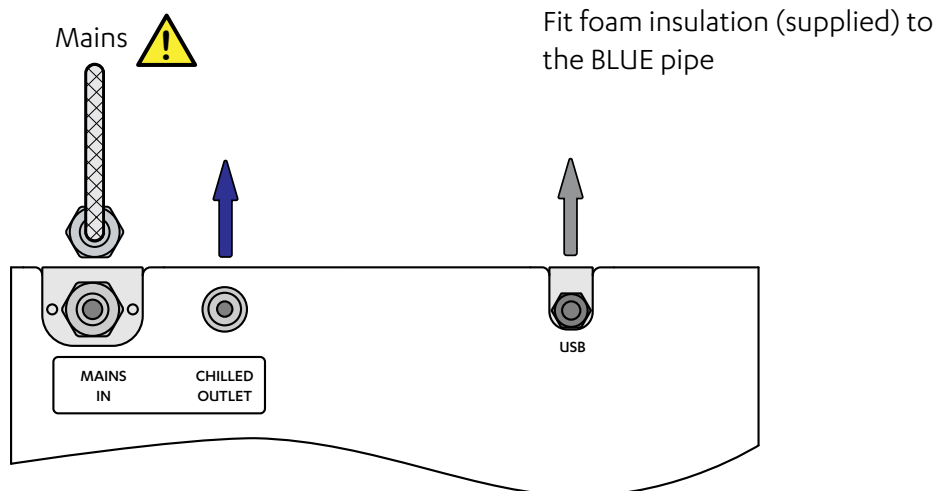
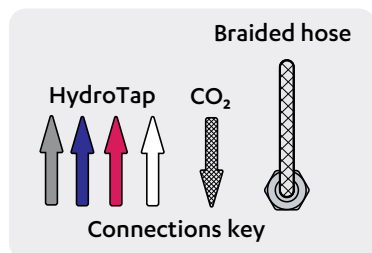
Example installation

Diagram for illustrative purposes only. Hoses are not shown to scale.



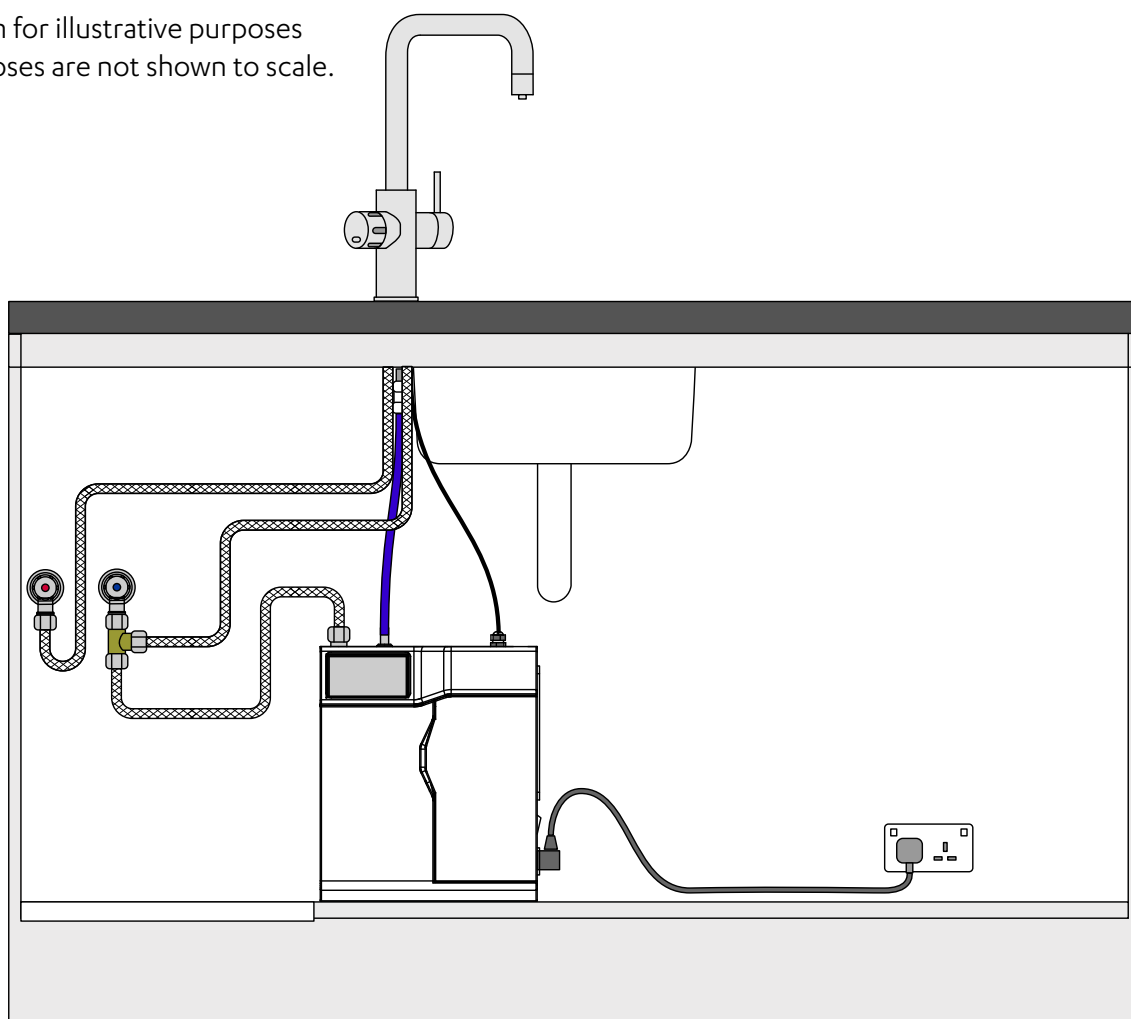
4.10.2 C Home Chilled and mixed hot & cold

Australian Command Centre connections



Example installation

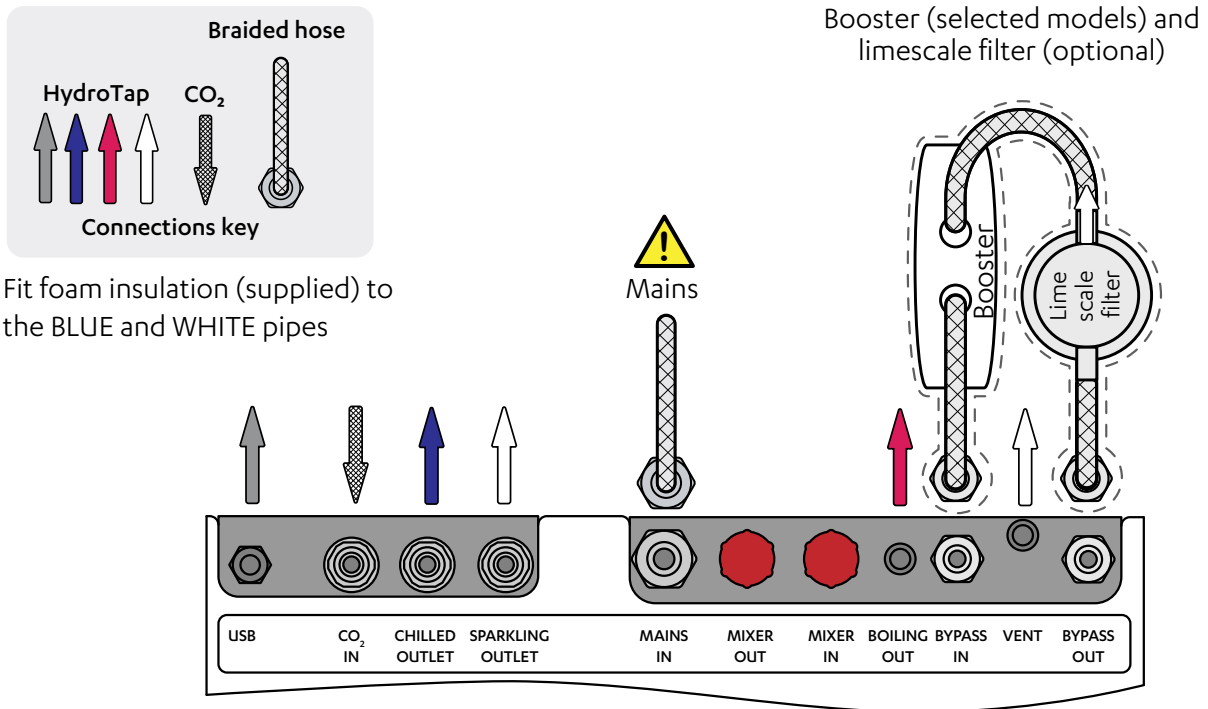
Diagram for illustrative purposes only. Hoses are not shown to scale.



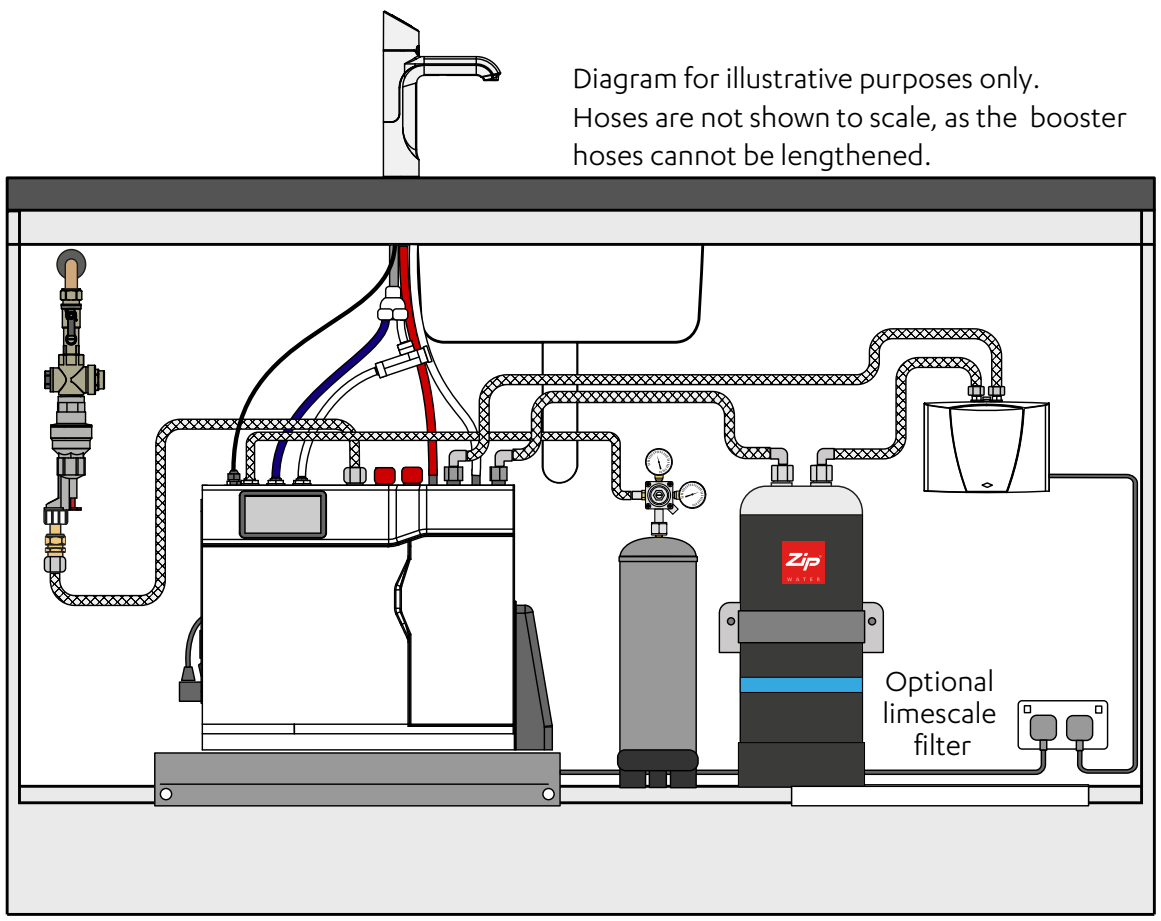
Section 4 Commercial & Residential Command Centre installation

4.11.1 BCS60 - BCS100 HydroTap G5 models

UK Command Centre connections



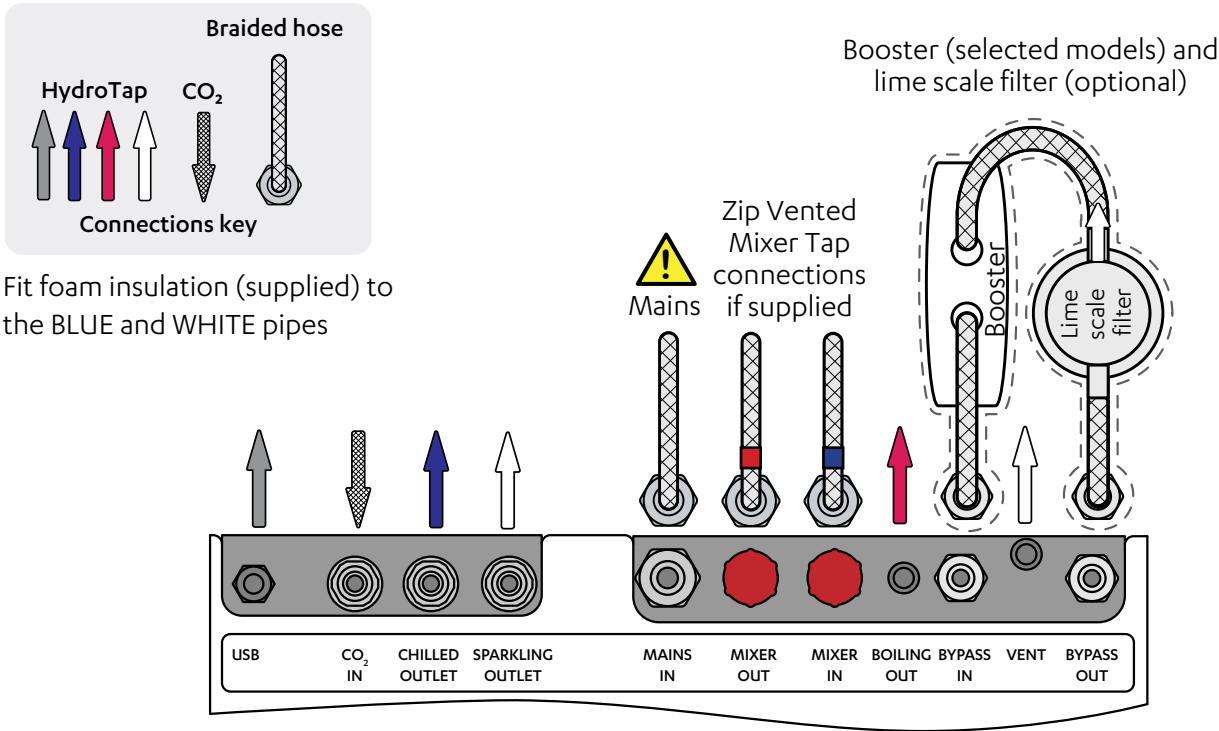
Example Installations



Section 4 Commercial & Residential Command Centre installation

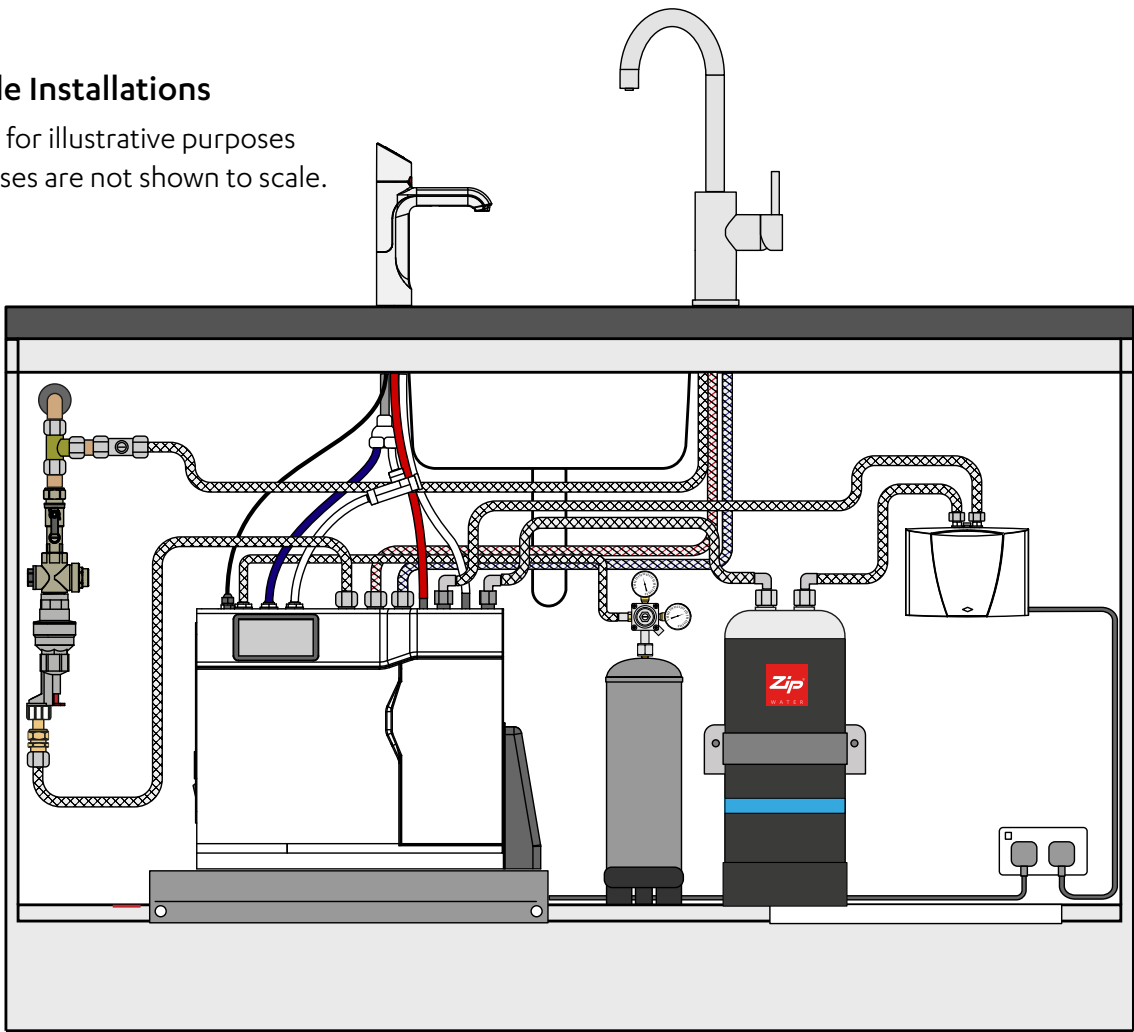
4.11.2 BCS60 - BCS100 HydroTap and mixer tap combinations

UK Command Centre connections



Example Installations

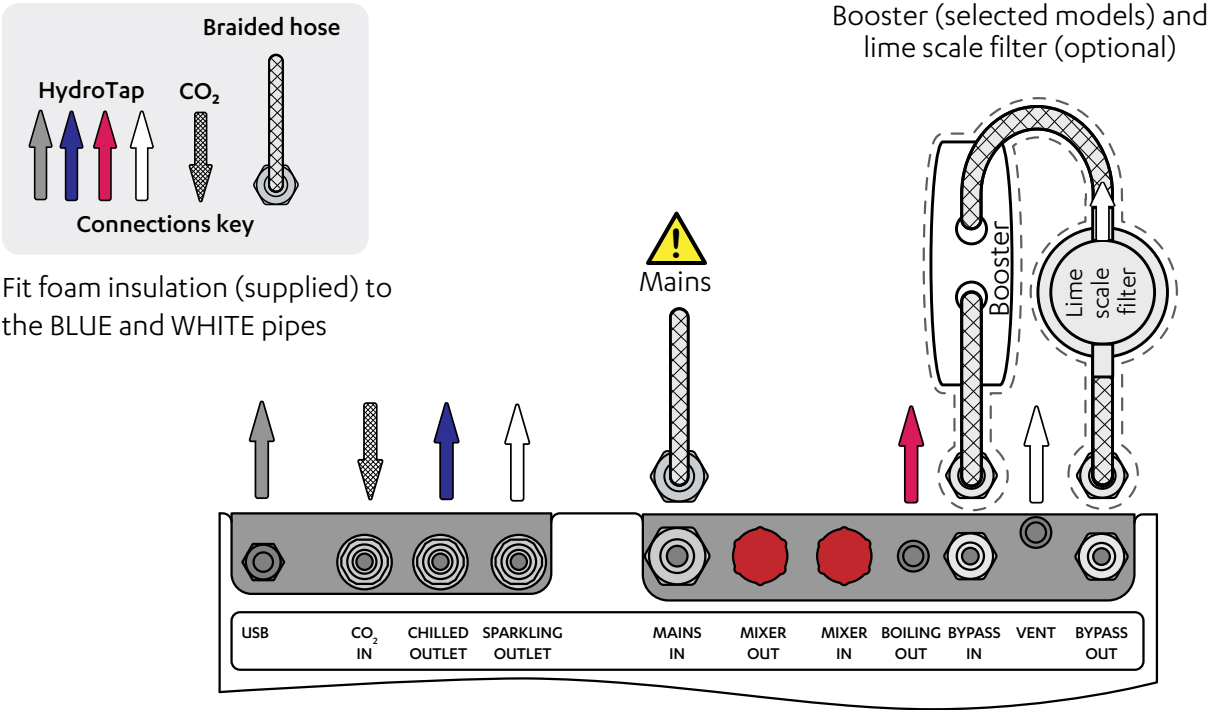
Diagram for illustrative purposes only. Hoses are not shown to scale.



Section 4 Commercial & Residential Command Centre installation

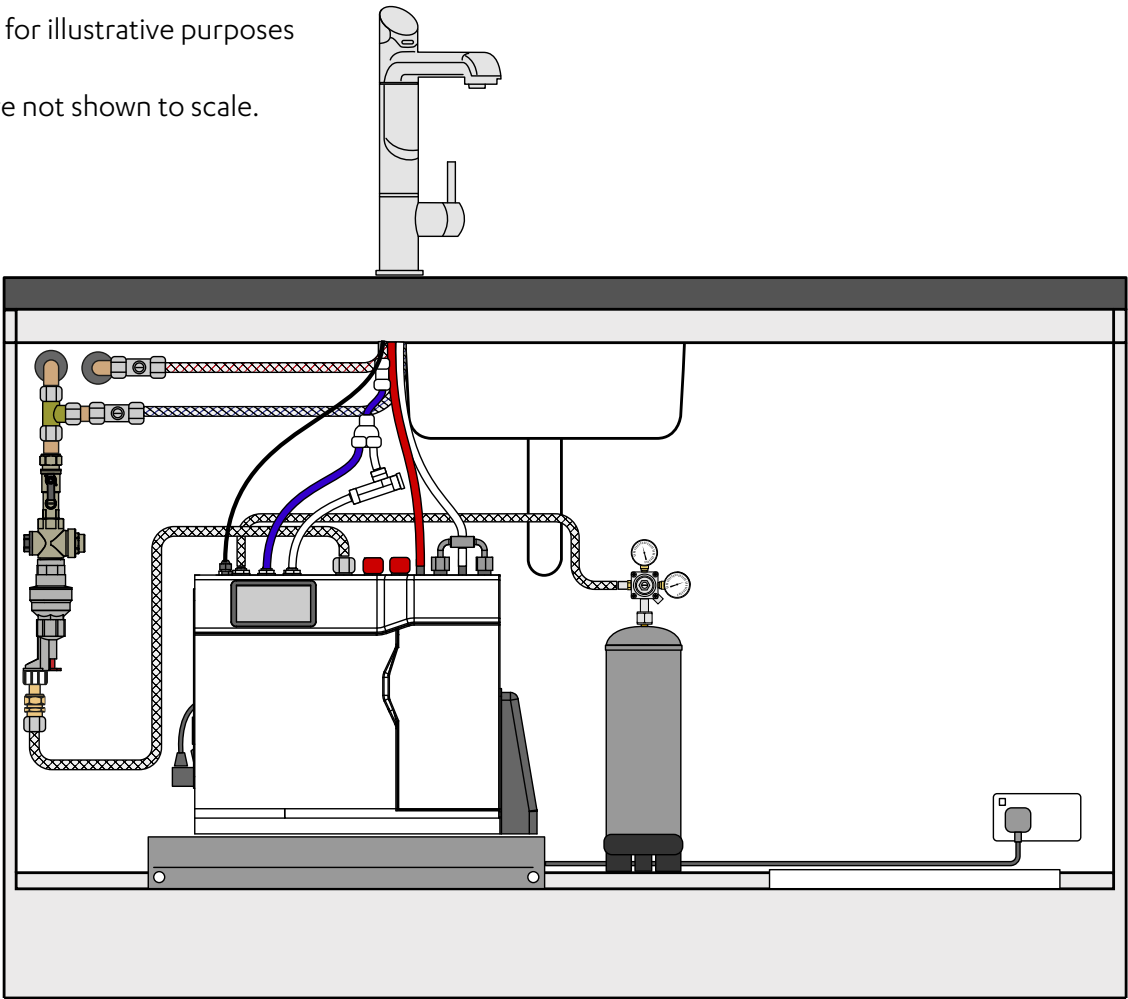
4.11.3 BCS60 - BCS100 All-In-One 'Mains' tap

UK Command Centre connections



Example installation

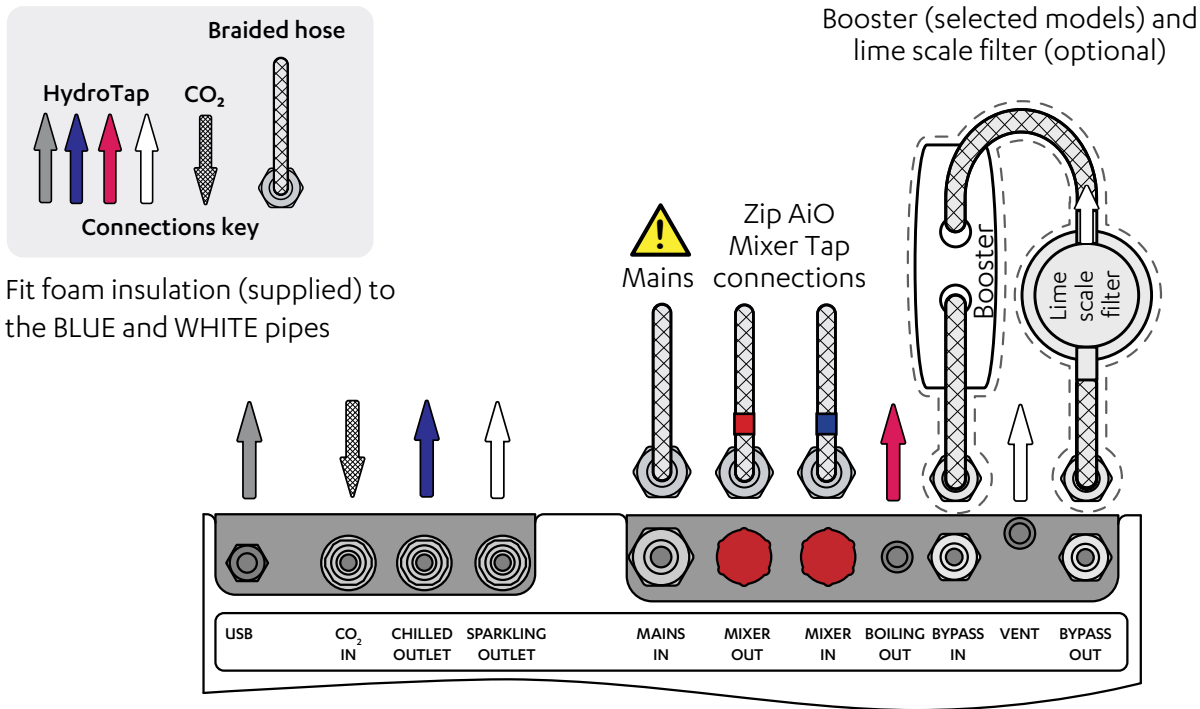
Diagram for illustrative purposes only.
Hoses are not shown to scale.



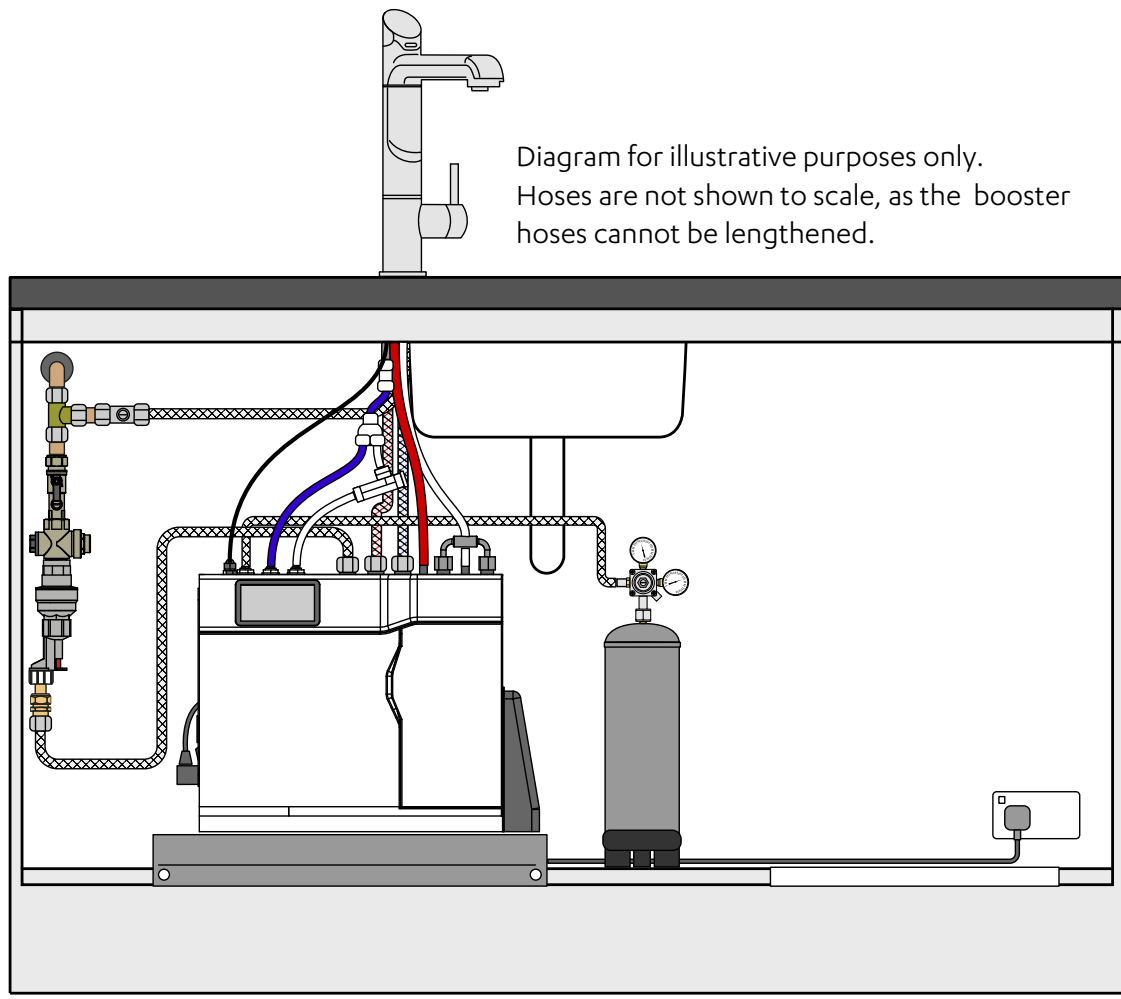
Section 4 Commercial & Residential Command Centre installation

4.11.4 BCS60 - BCS100 All-In-One Classic 'Vented' tap

UK Command Centre connections

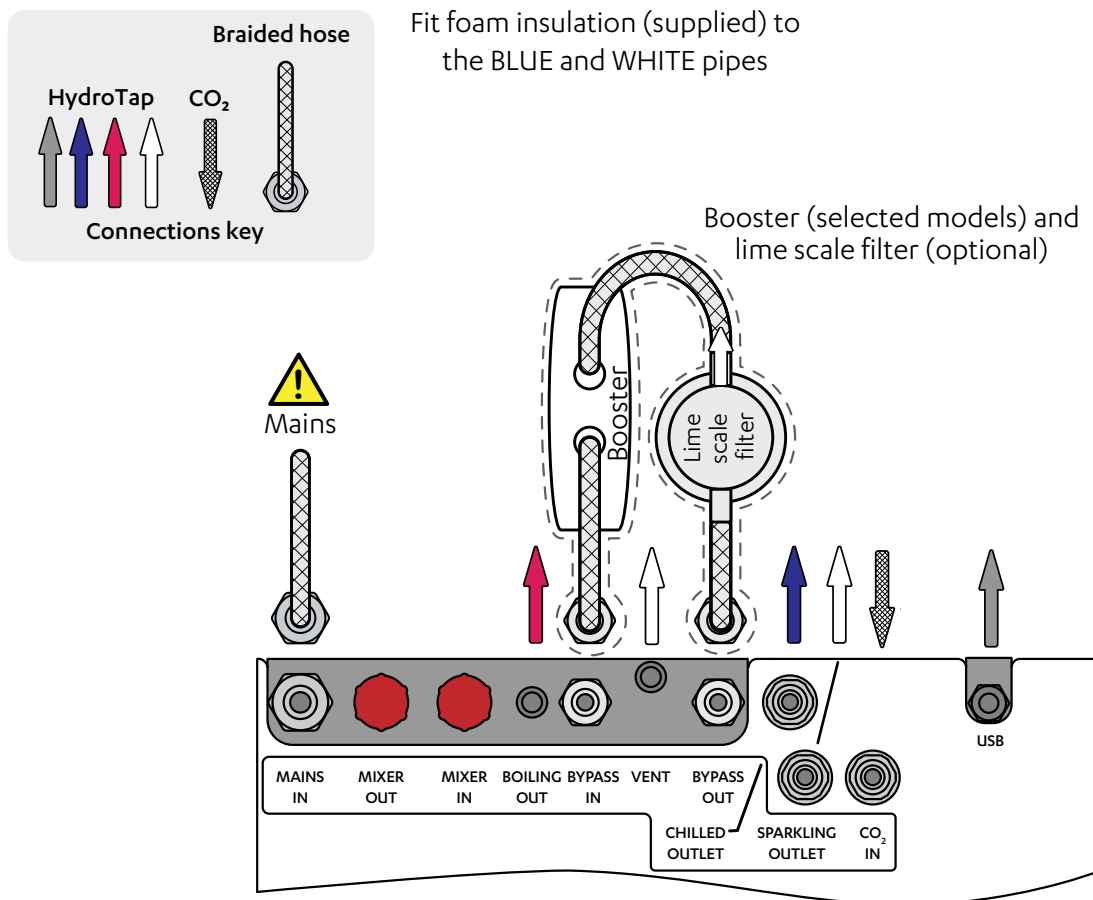


Example installation



4.12.1 BCS20 - BCS30, BCS Home HydroTap models

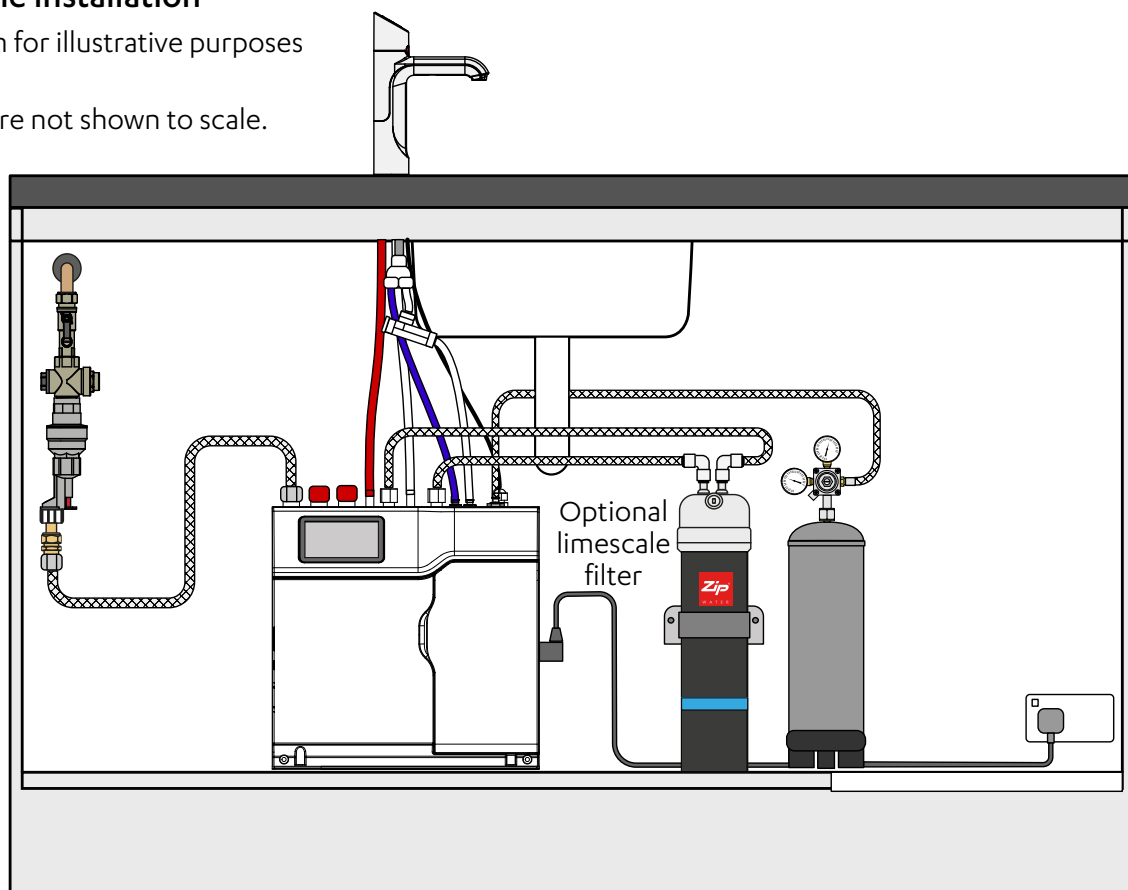
UK Command Centre connections



Example installation

Diagram for illustrative purposes only.

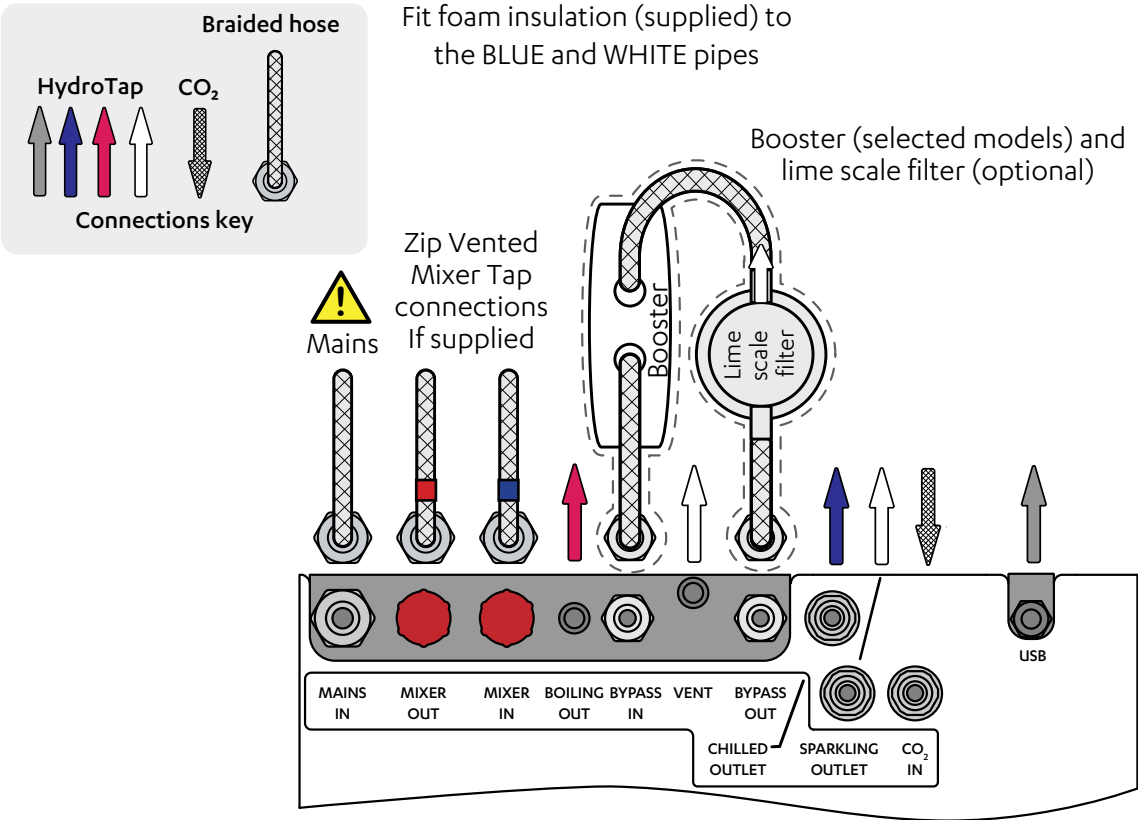
Hoses are not shown to scale.



Section 4 Commercial & Residential Command Centre installation

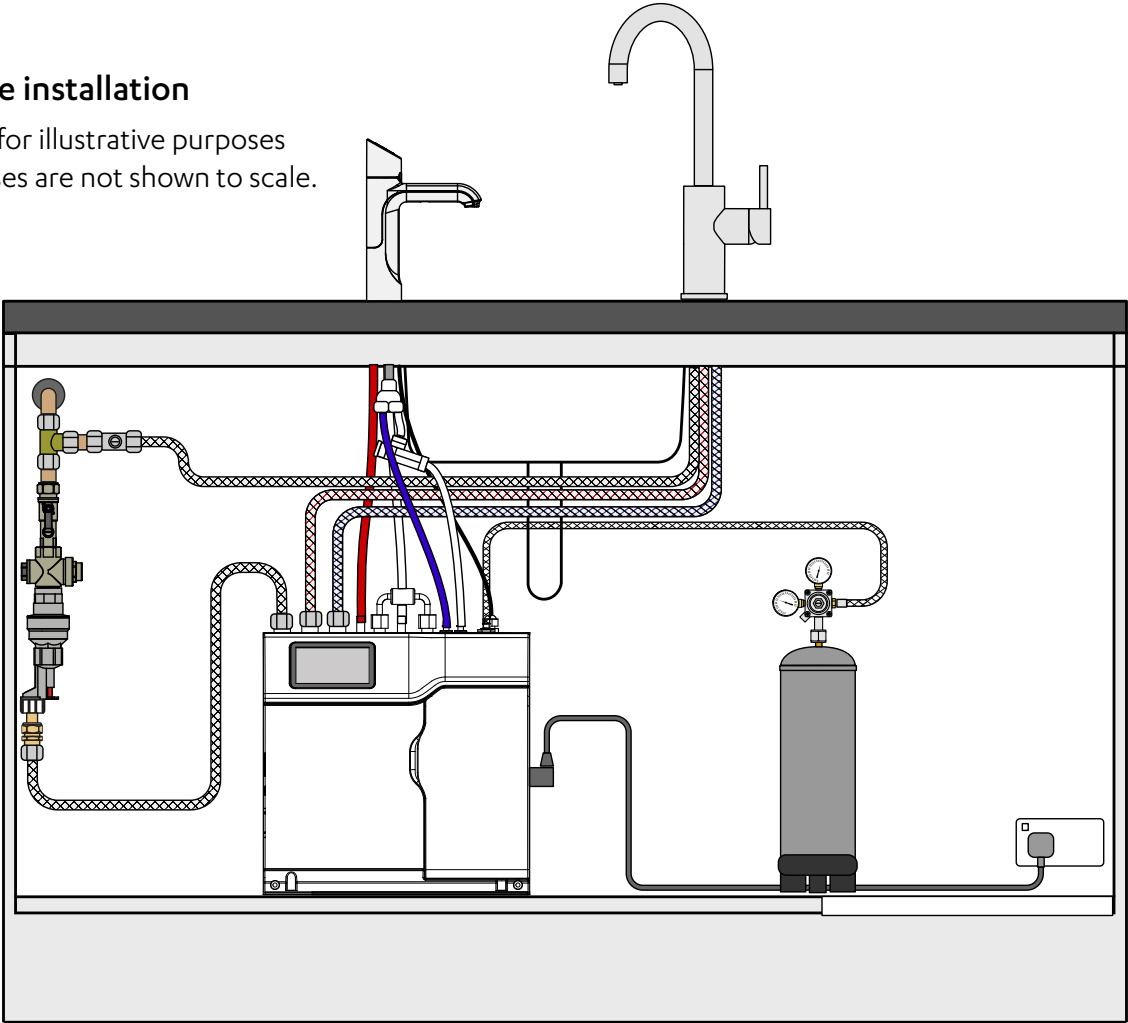
4.12.2 BCS20 - BCS30, BCS Home HydroTap and vented mixer taps

UK Command Centre connections



Example installation

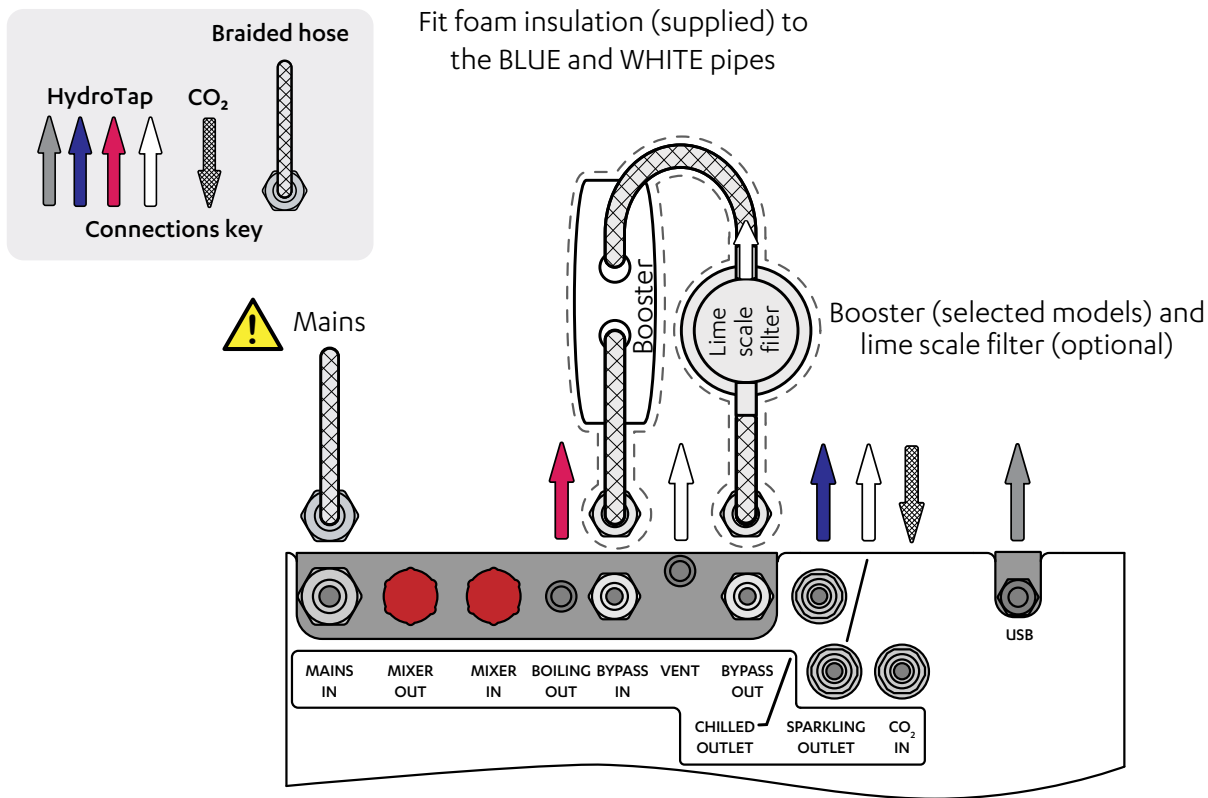
Diagram for illustrative purposes only. Hoses are not shown to scale.



Section 4 Commercial & Residential Command Centre installation

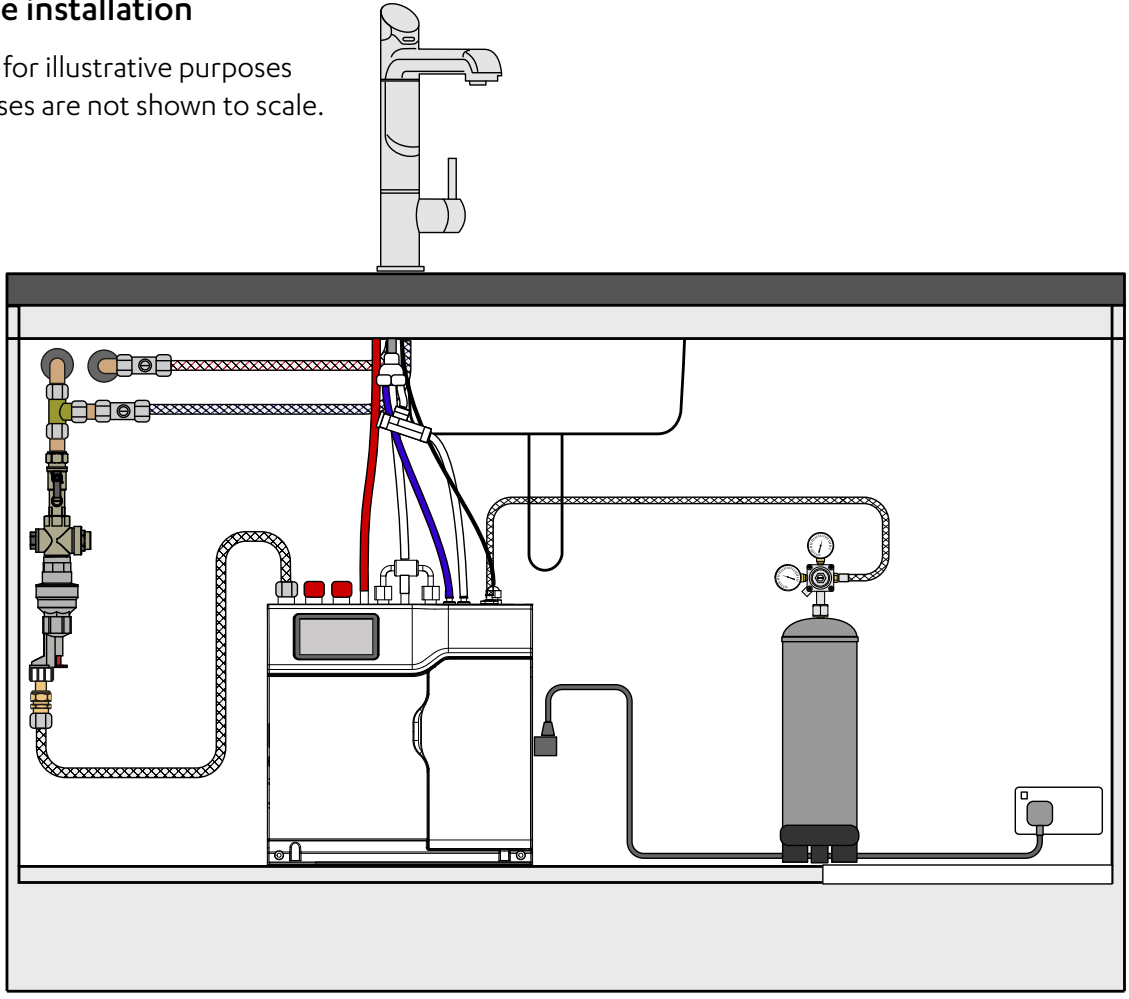
4.12.3 BCS20 - BCS30, BCS Home All-In-One 'Mains' tap

UK Command Centre connections



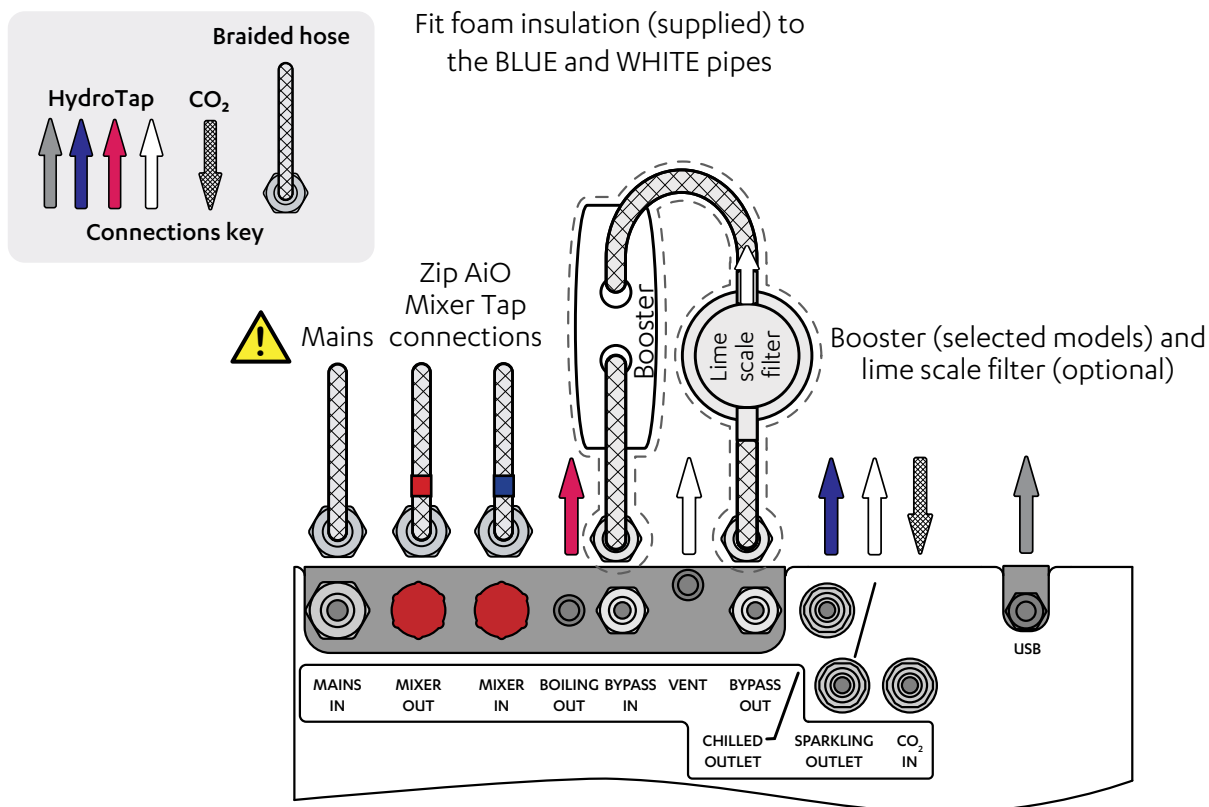
Example installation

Diagram for illustrative purposes only. Hoses are not shown to scale.



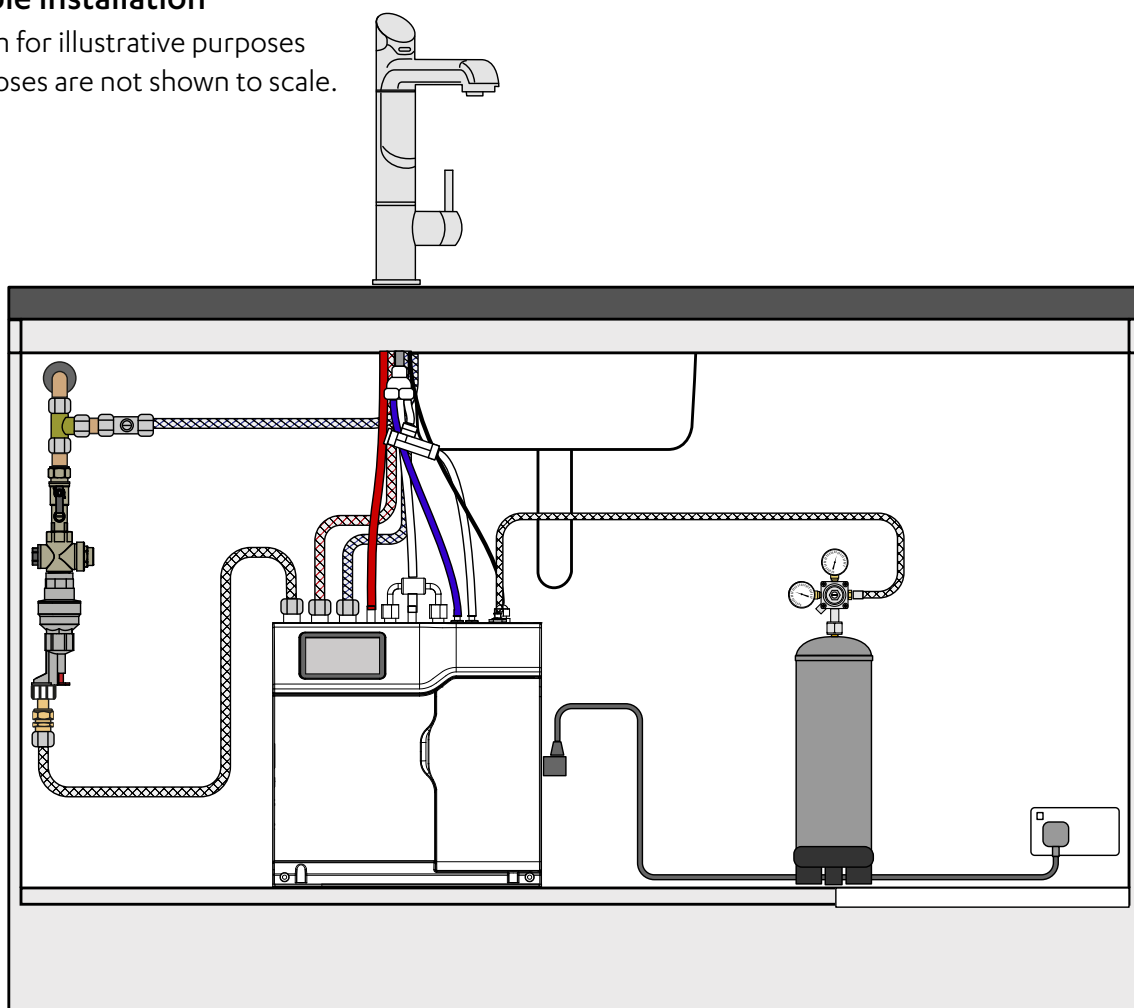
4.12.4 BCS20 - BCS30, BCS Home All-In-One Classic 'Vented' tap

UK Command Centre connections



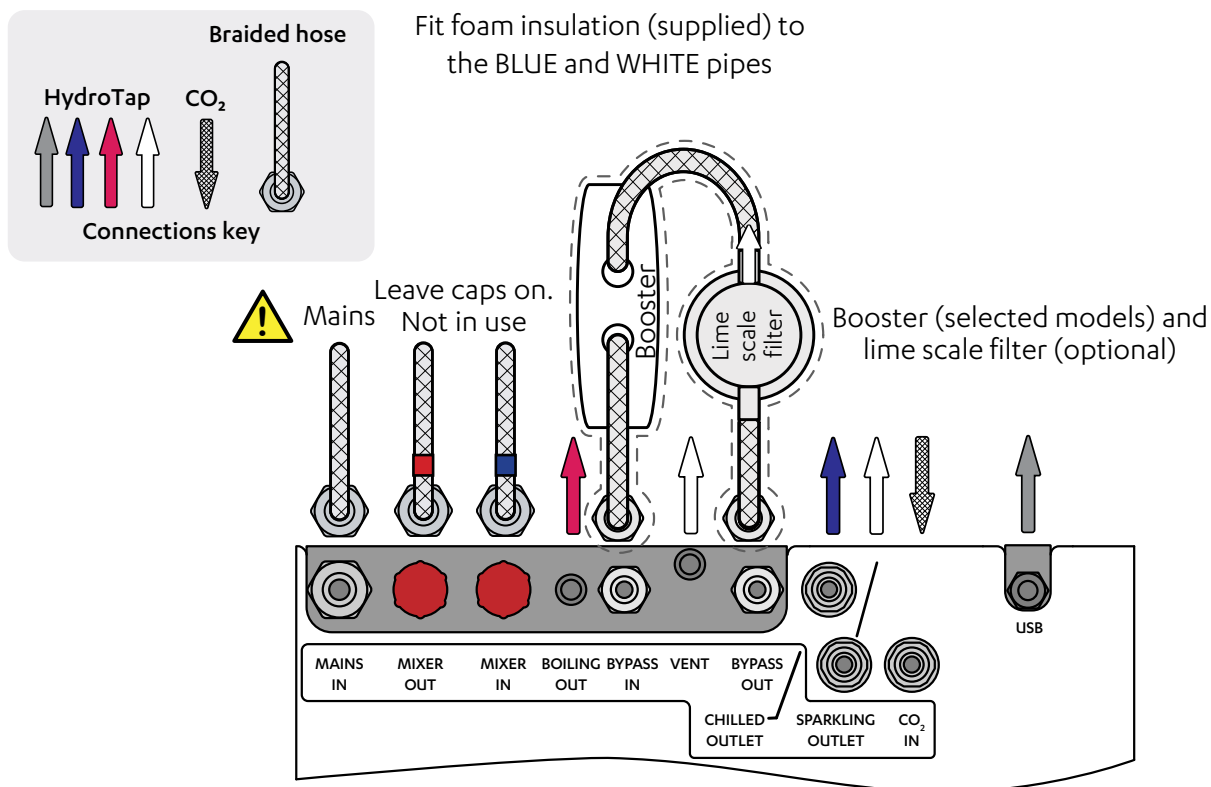
Example installation

Diagram for illustrative purposes only. Hoses are not shown to scale.



4.12.5 BCS20 - BCS30, BCS Home All-In-One Pull-Out tap models

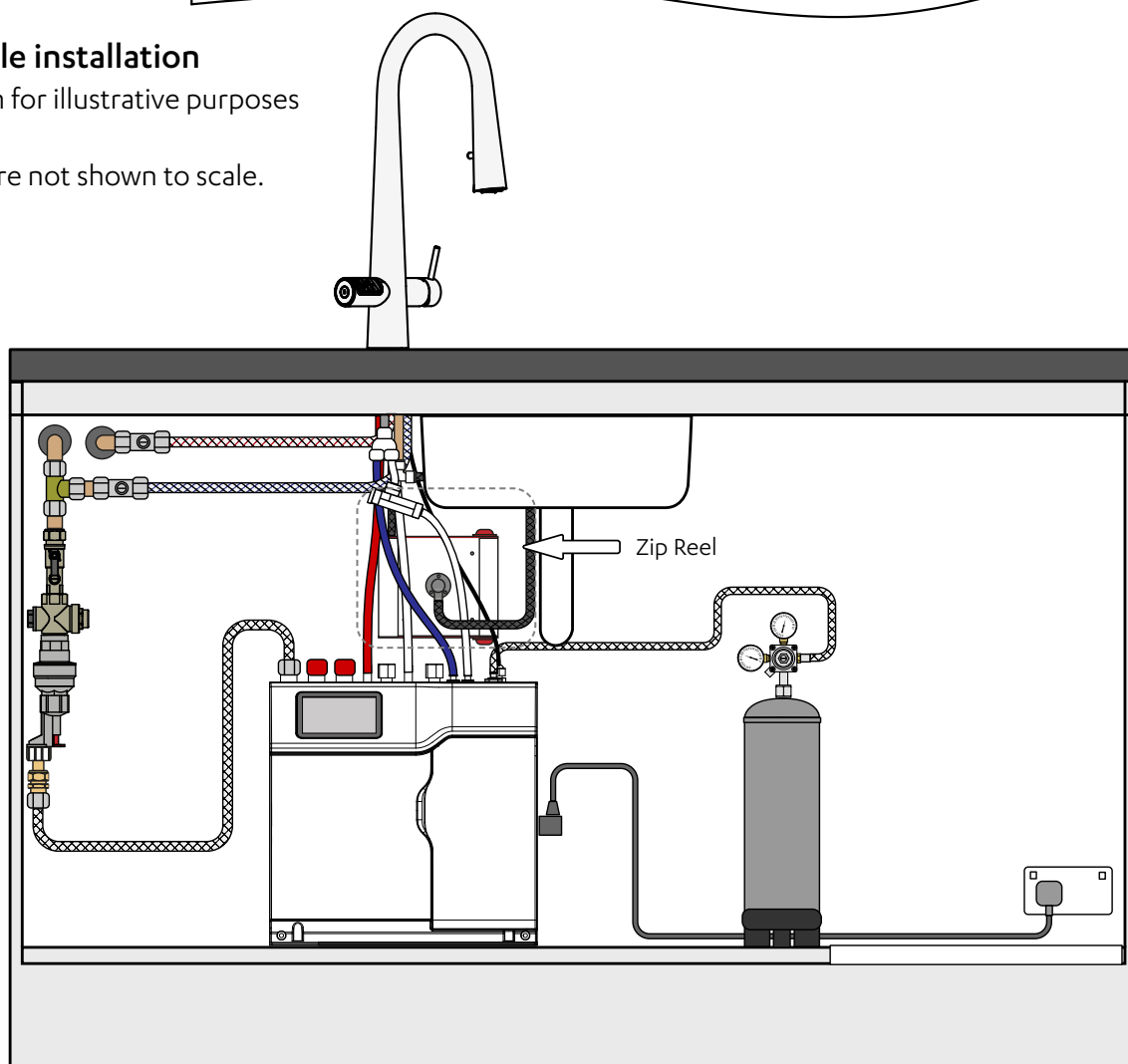
UK Command Centre connections



Example installation

Diagram for illustrative purposes only.

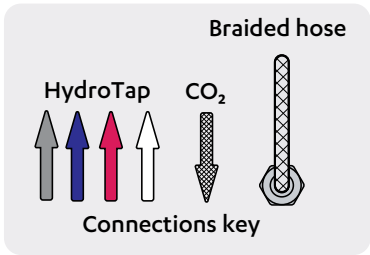
Hoses are not shown to scale.



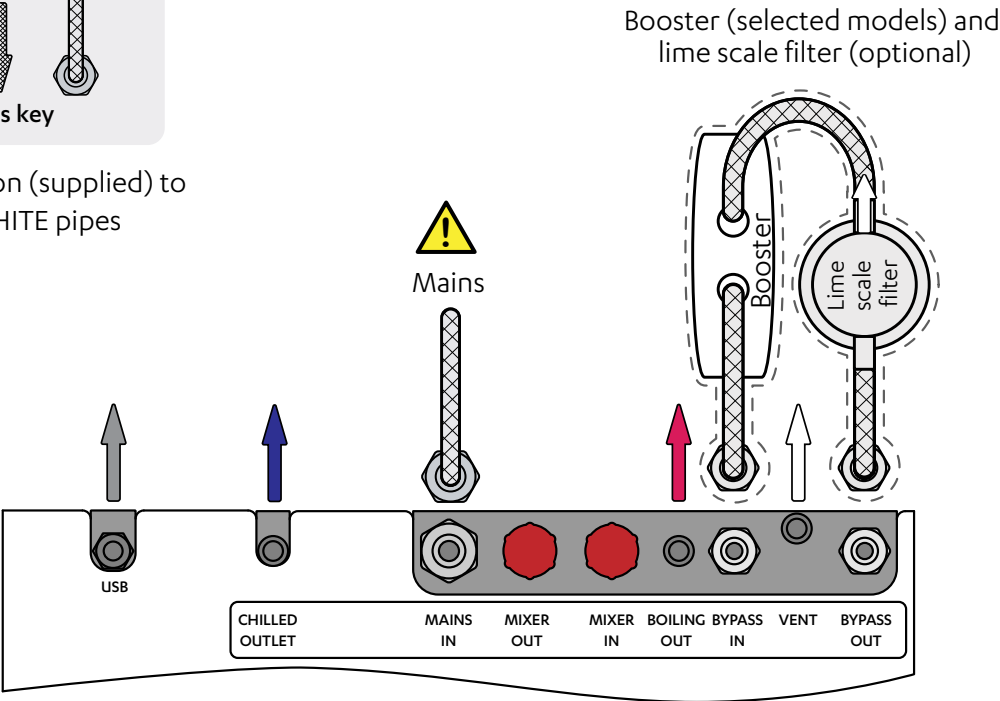
Section 4 Commercial & Residential Command Centre installation

4.13.1 BC40 - BC100 HydroTap models

UK Command Centre connections

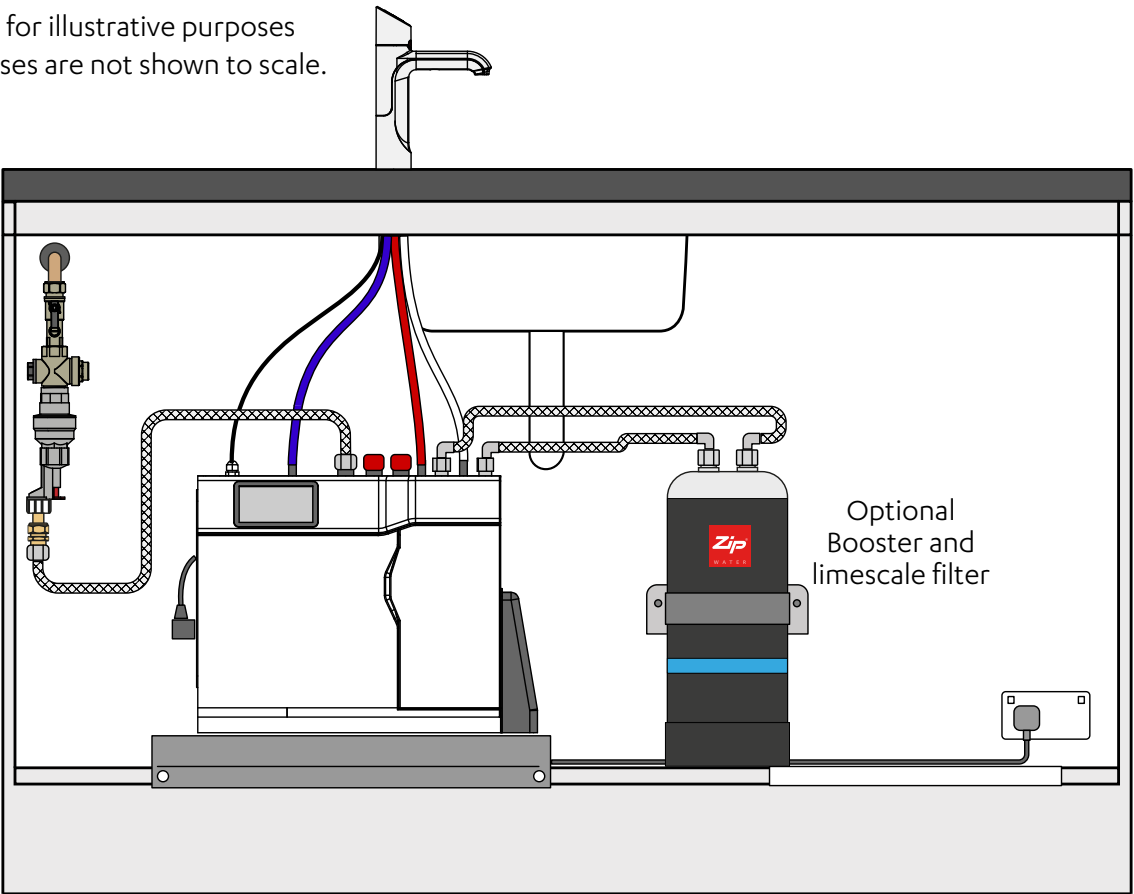


Fit foam insulation (supplied) to the BLUE and WHITE pipes



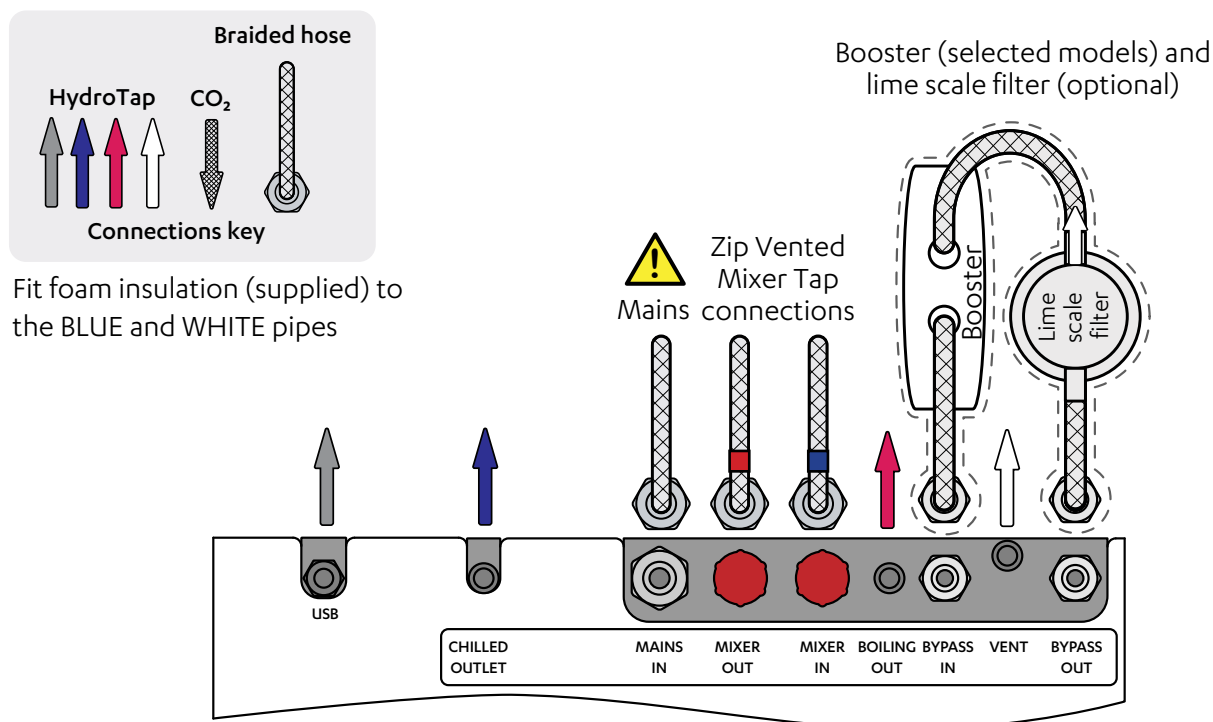
Example installation

Diagram for illustrative purposes only. Hoses are not shown to scale.



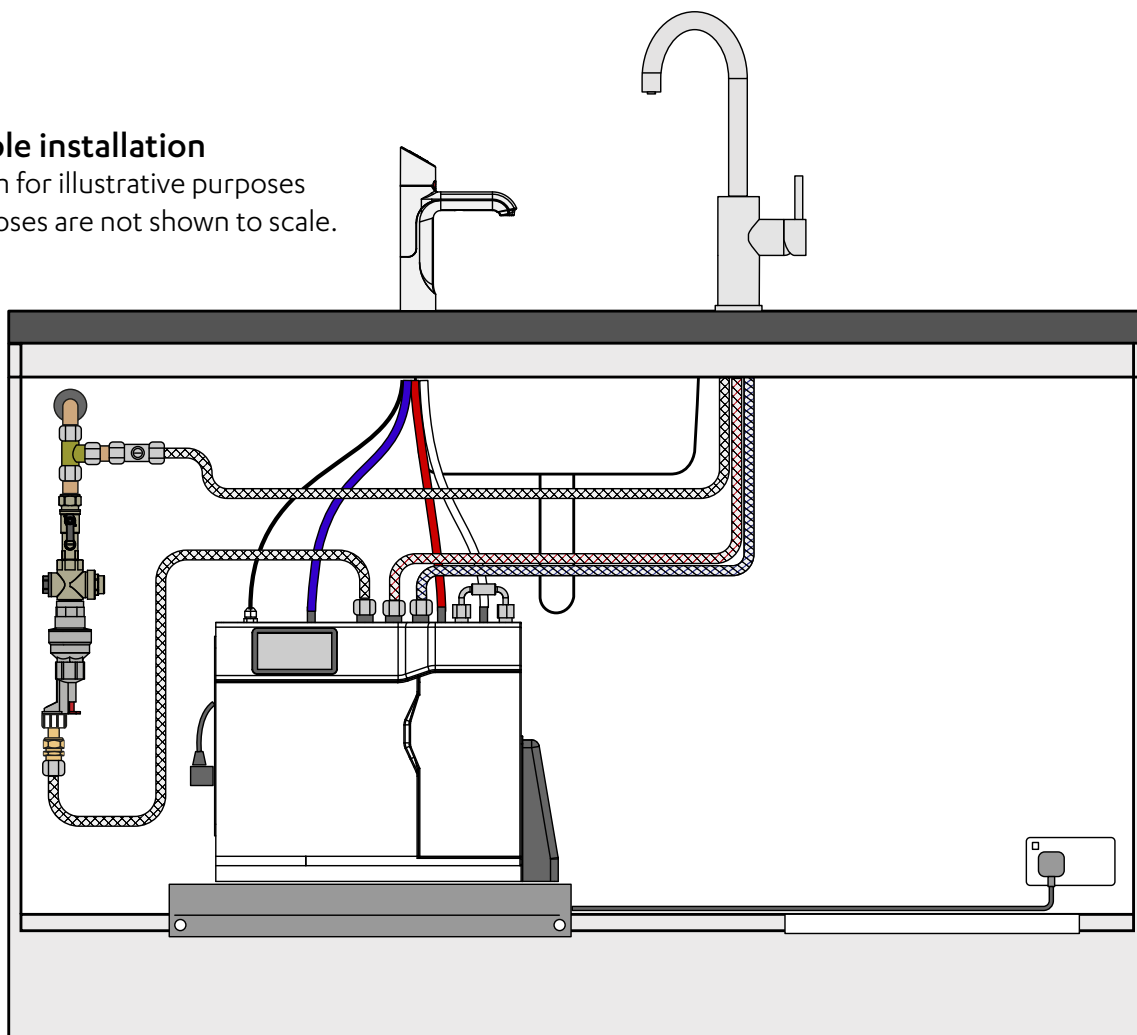
4.13.2 BC40 - BC100 HydroTap and vented mixer tap combinations

UK Command Centre connections



Example installation

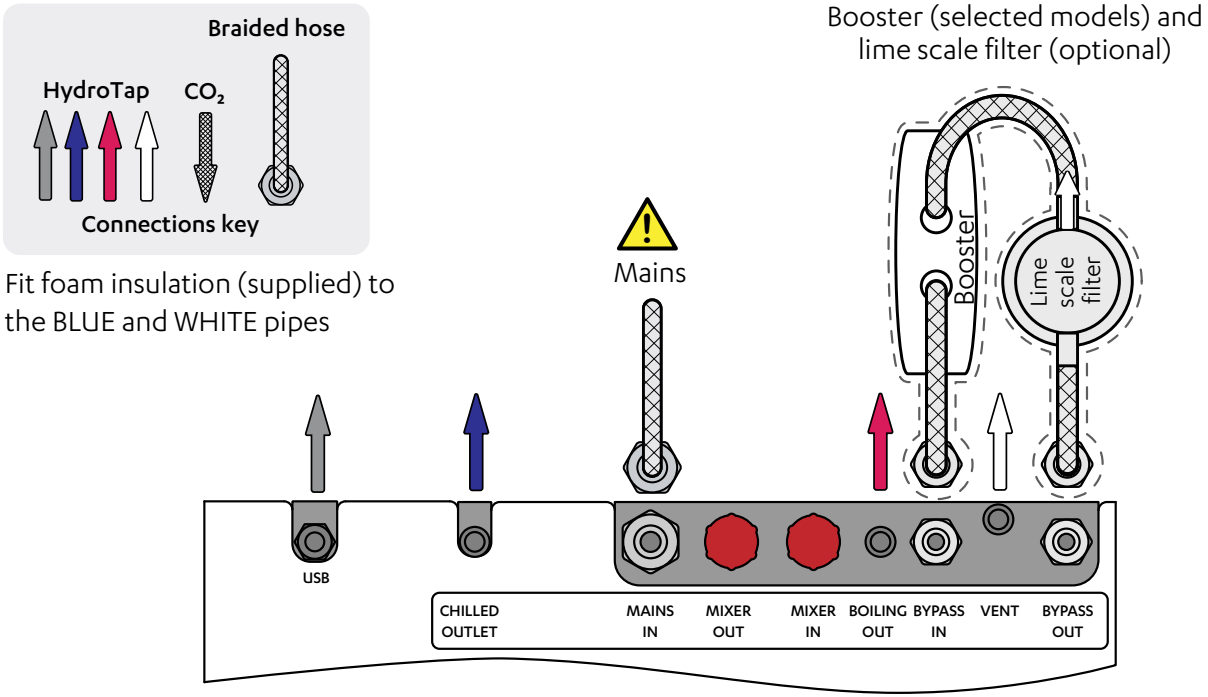
Diagram for illustrative purposes only. Hoses are not shown to scale.



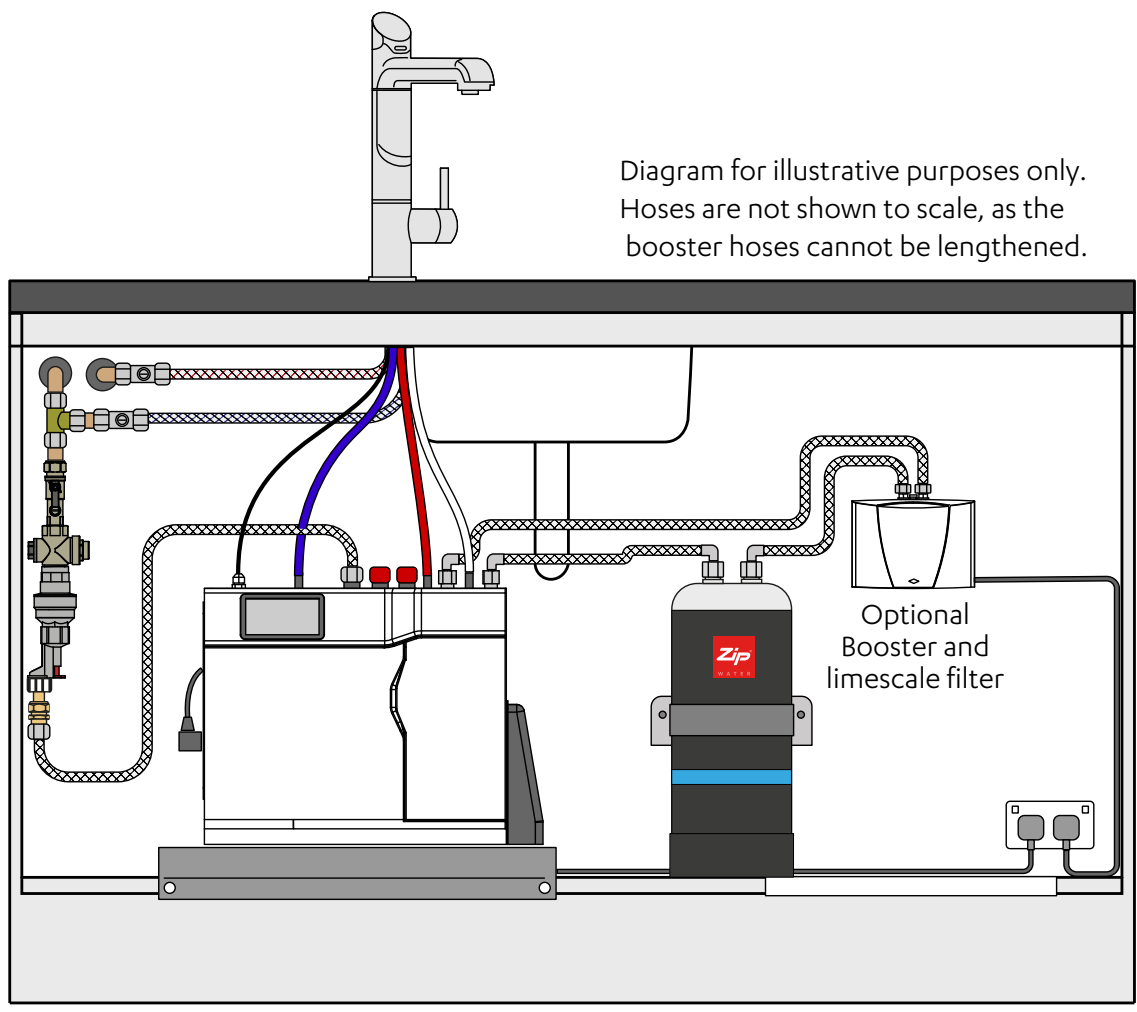
Section 4 Commercial & Residential Command Centre installation

4.13.3 BC40 - BC100 All-In-One 'Mains' tap

UK Command Centre connections



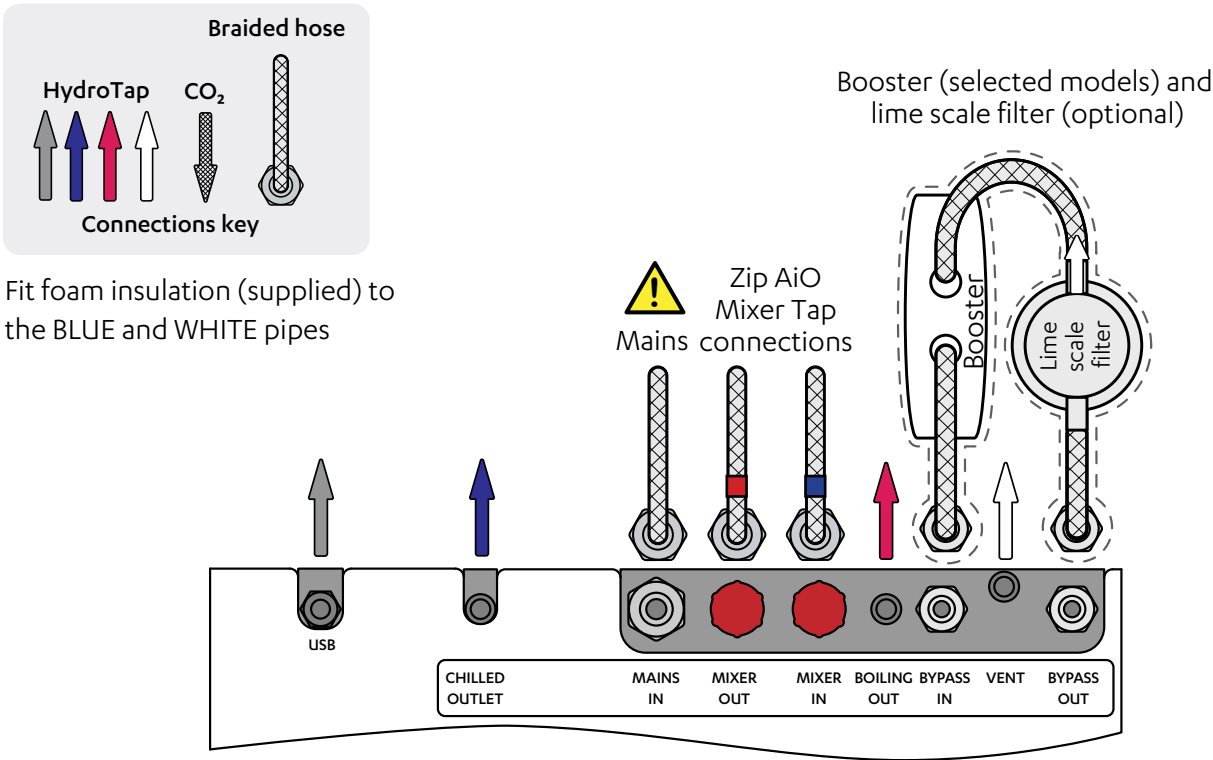
Example installation



Section 4 Commercial & Residential Command Centre installation

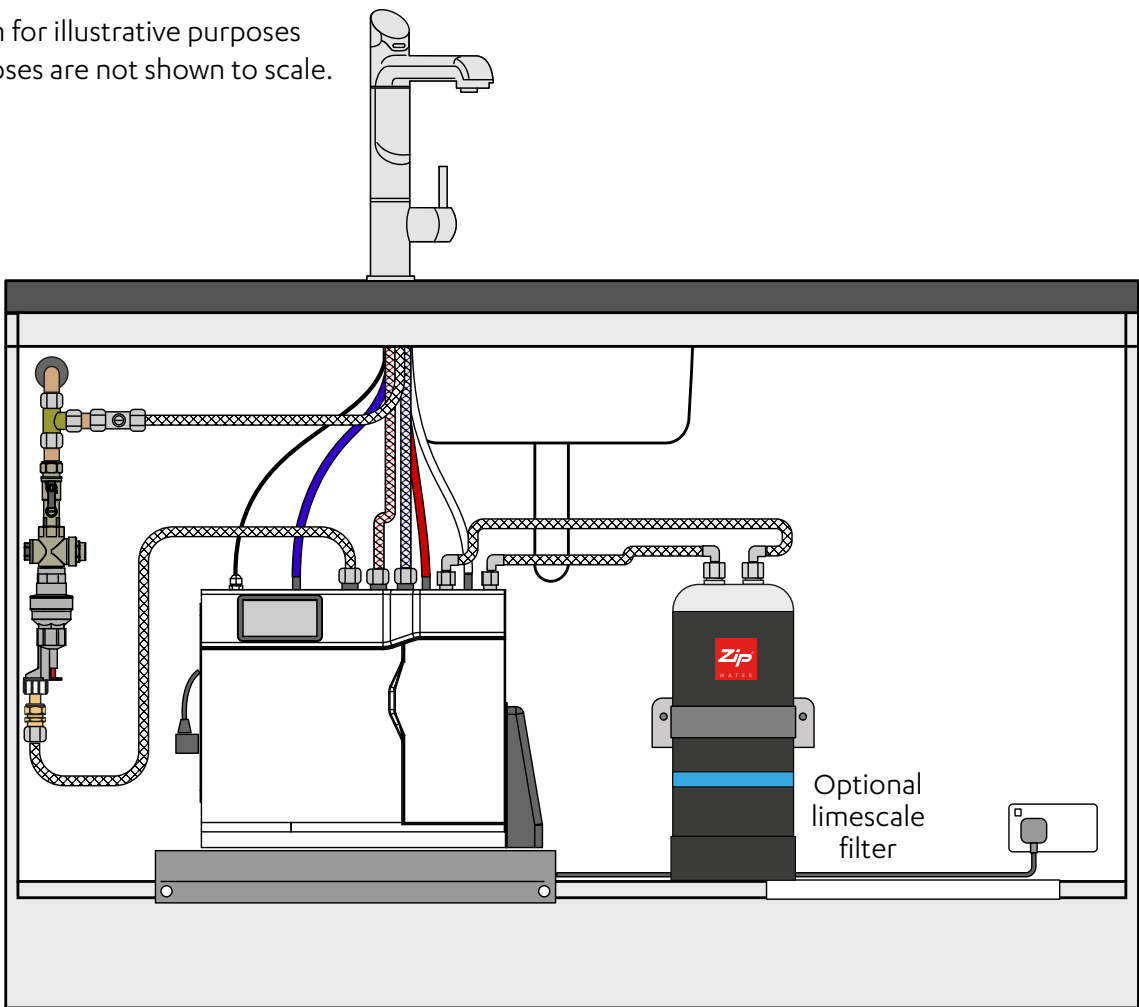
4.13.4 BC40 - BC100 All-In-One Classic 'Vented' tap

UK Command Centre connections



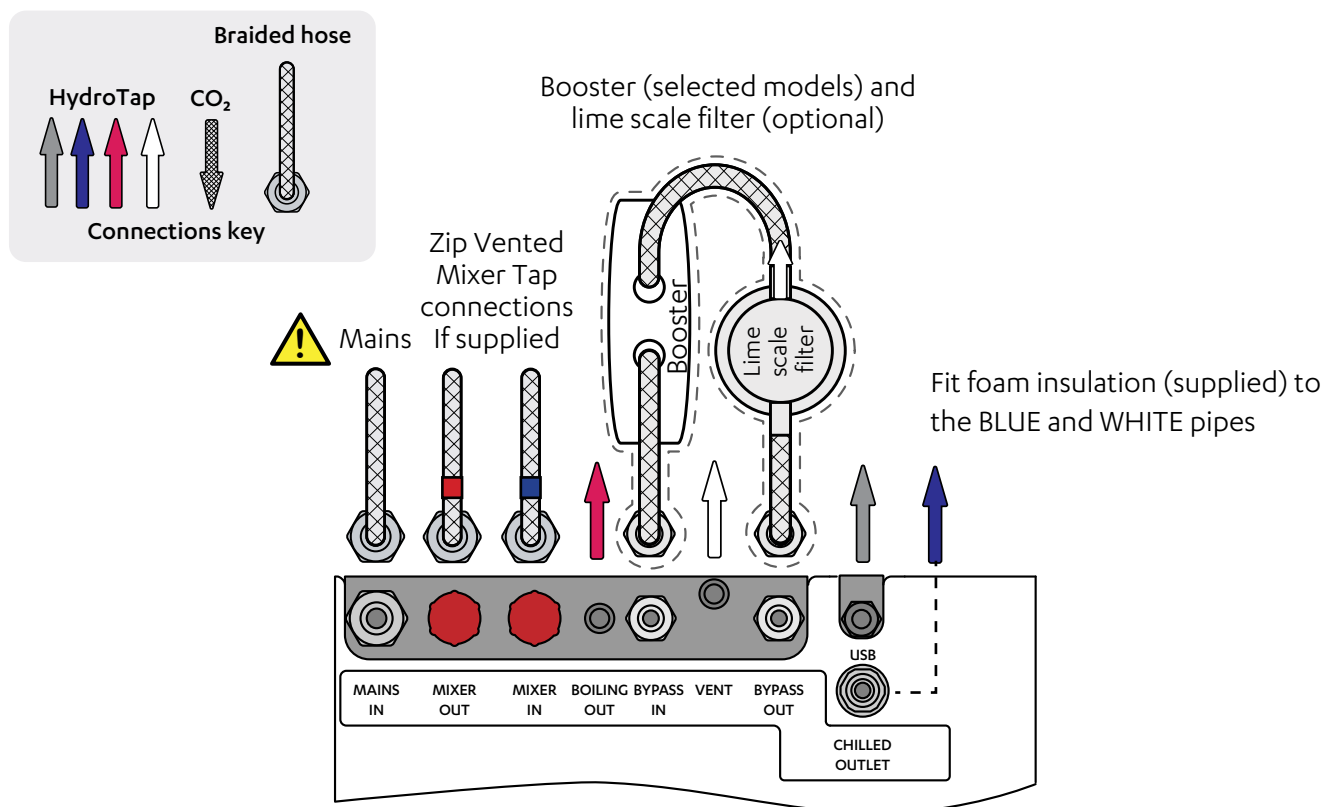
Example installation

Diagram for illustrative purposes only. Hoses are not shown to scale.

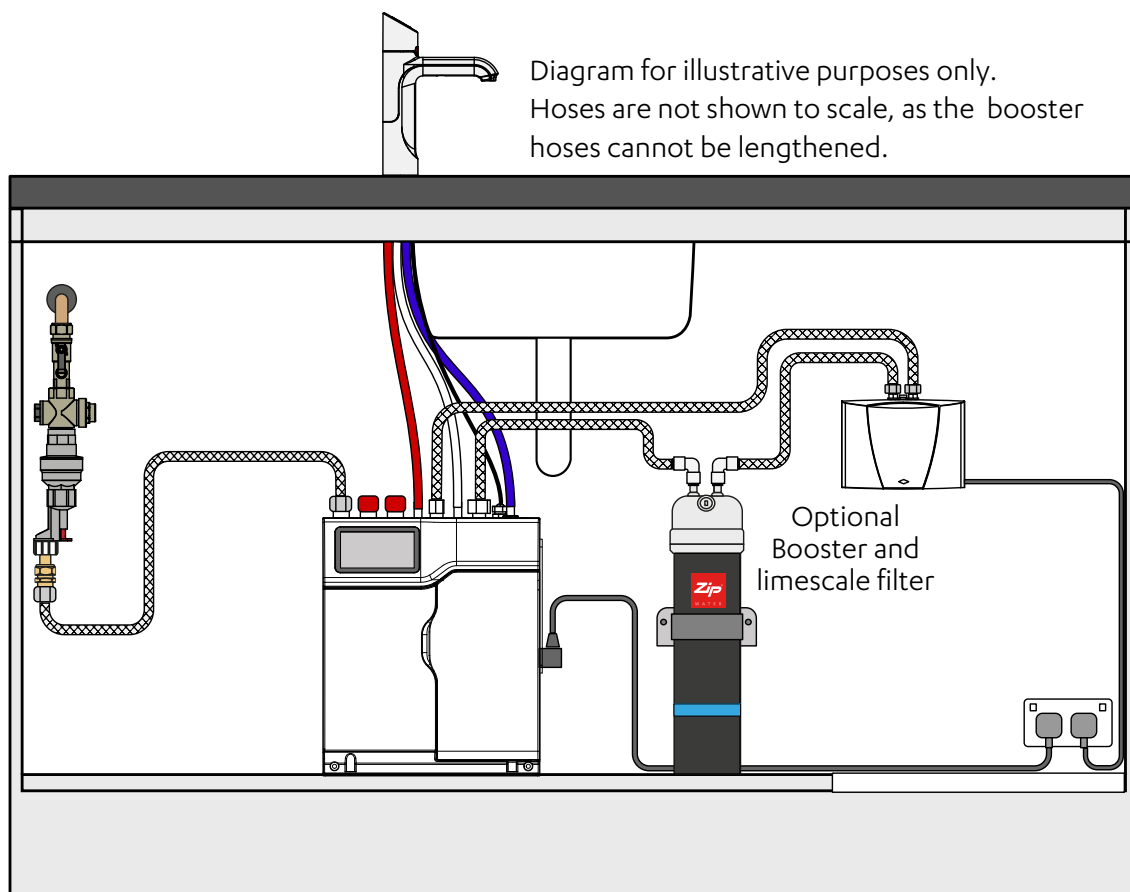


4.14.1 BC20 - BC30, BC Home HydroTap models

UK Command Centre connections

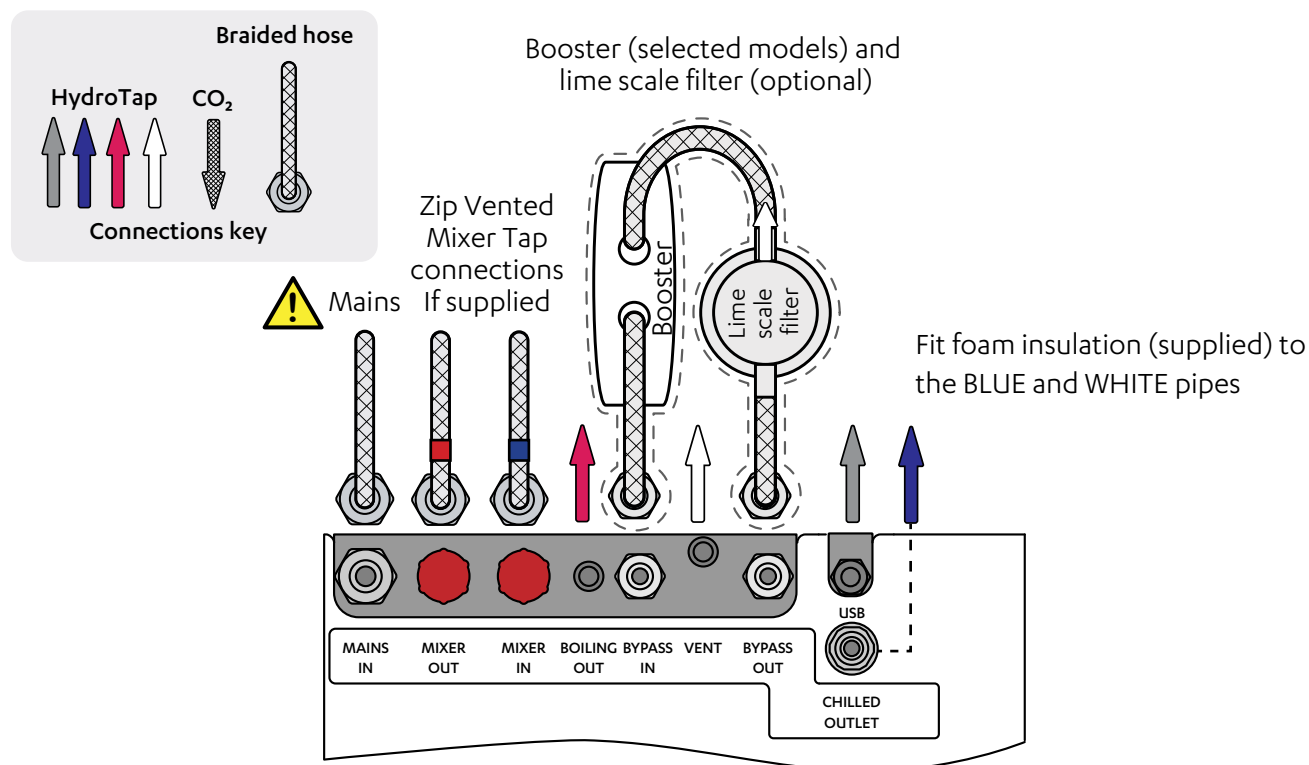


Example installation



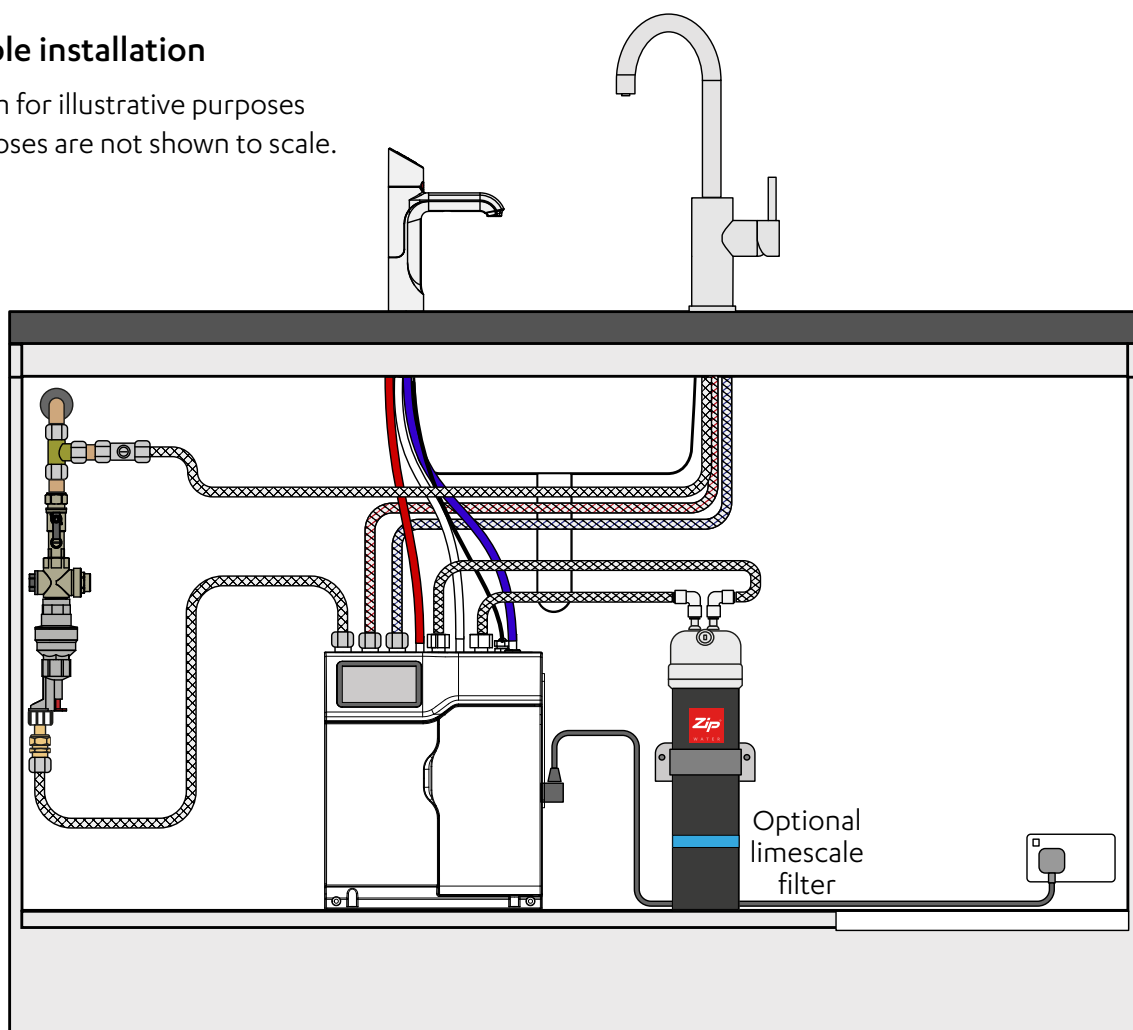
4.14.2 BC20 - BC30, BC Home HydroTap and vented mixer tap combinations

UK Command Centre connections



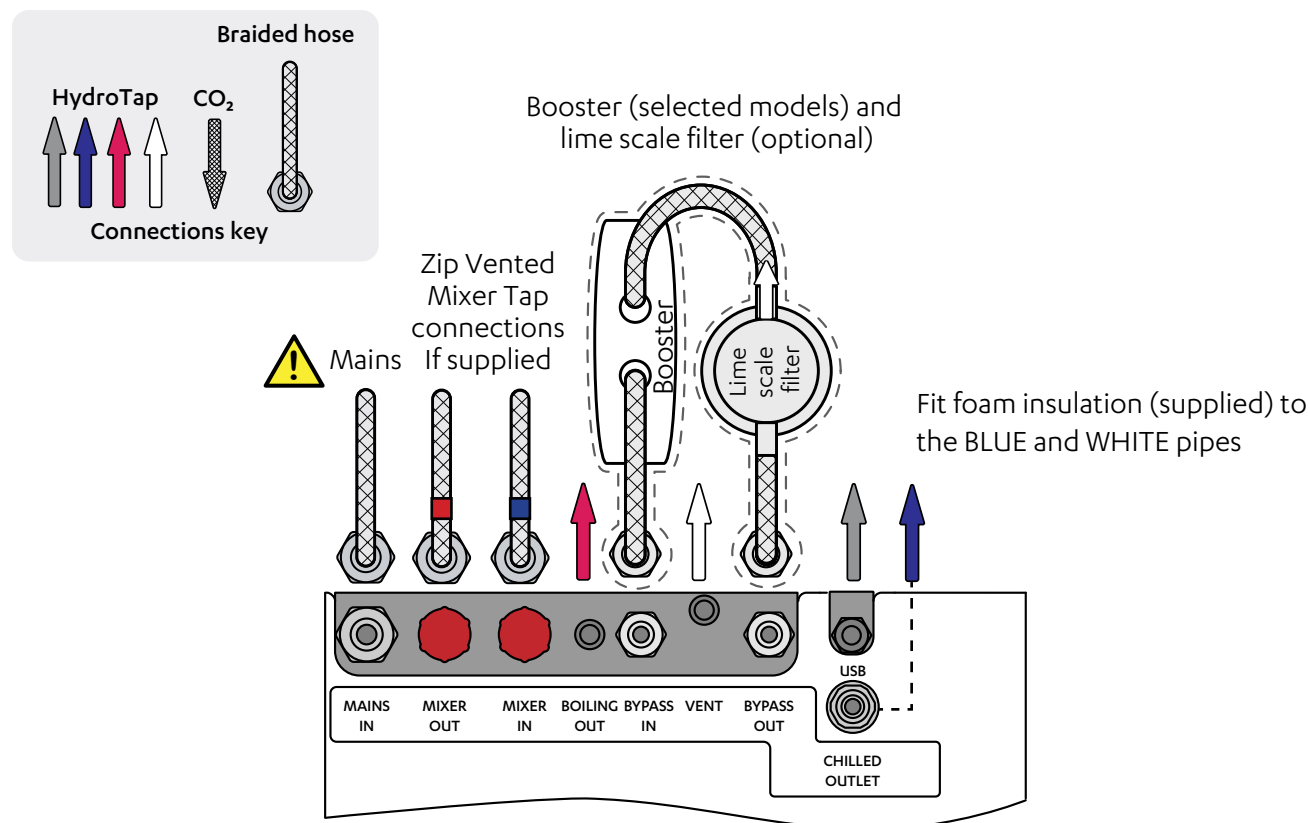
Example installation

Diagram for illustrative purposes only. Hoses are not shown to scale.

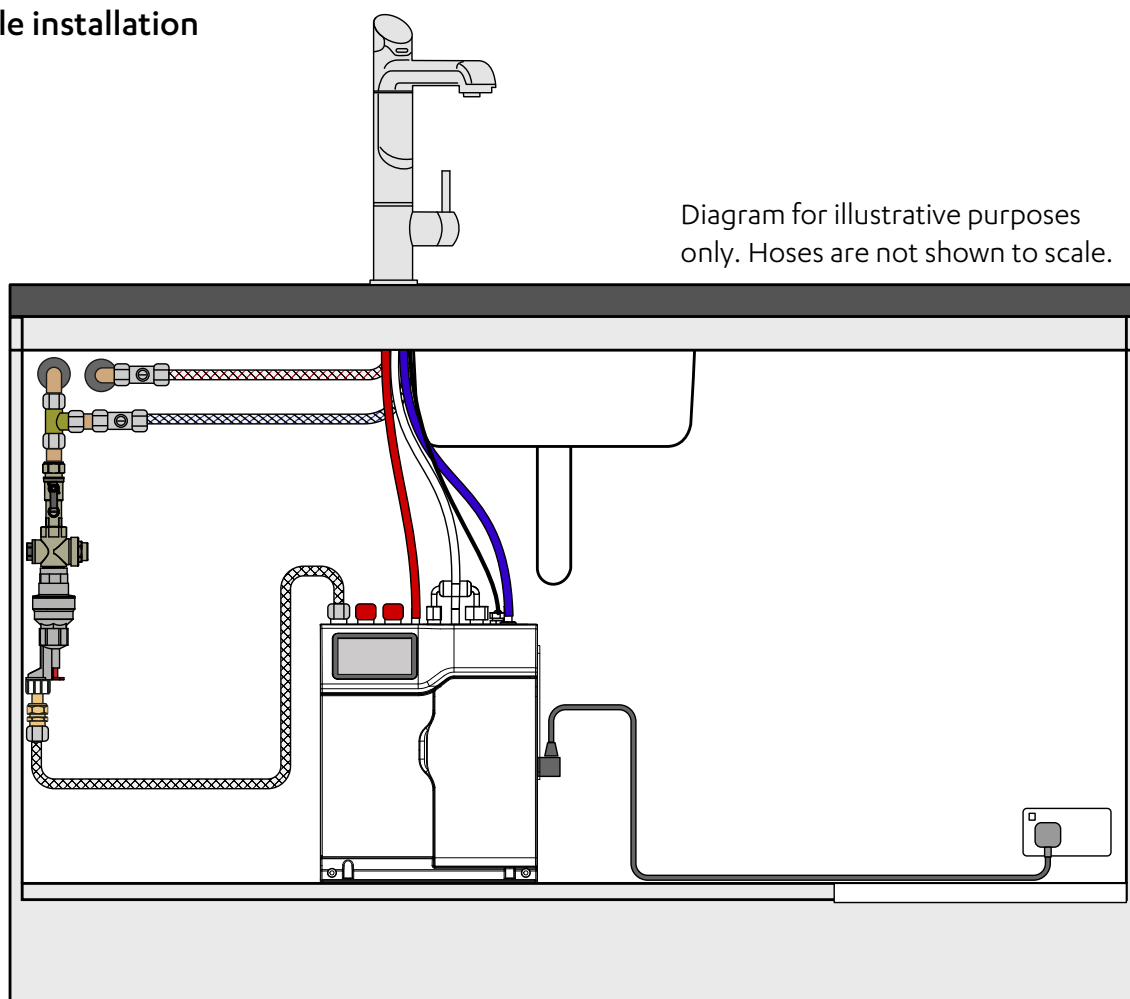


4.14.3 BC20 - BC30, BC Home All-In-One 'Mains' tap

UK Command Centre connections

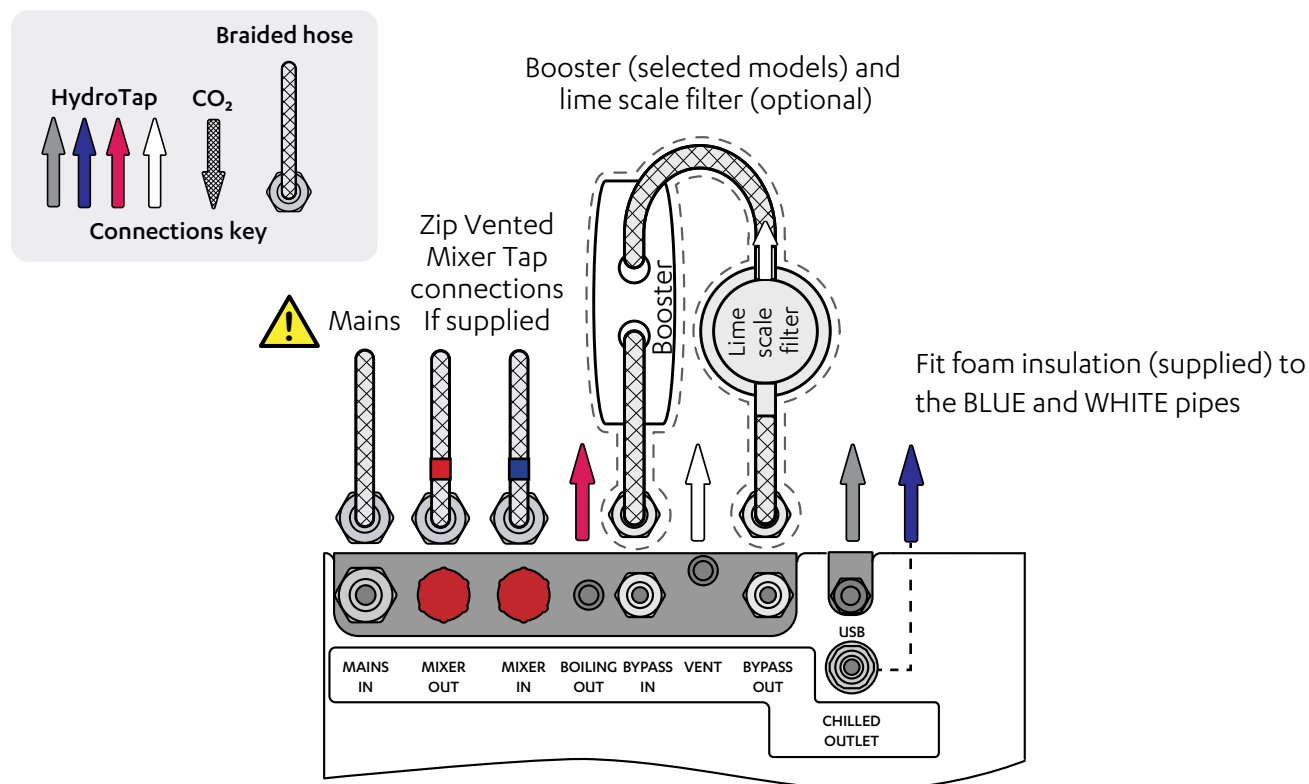


Example installation



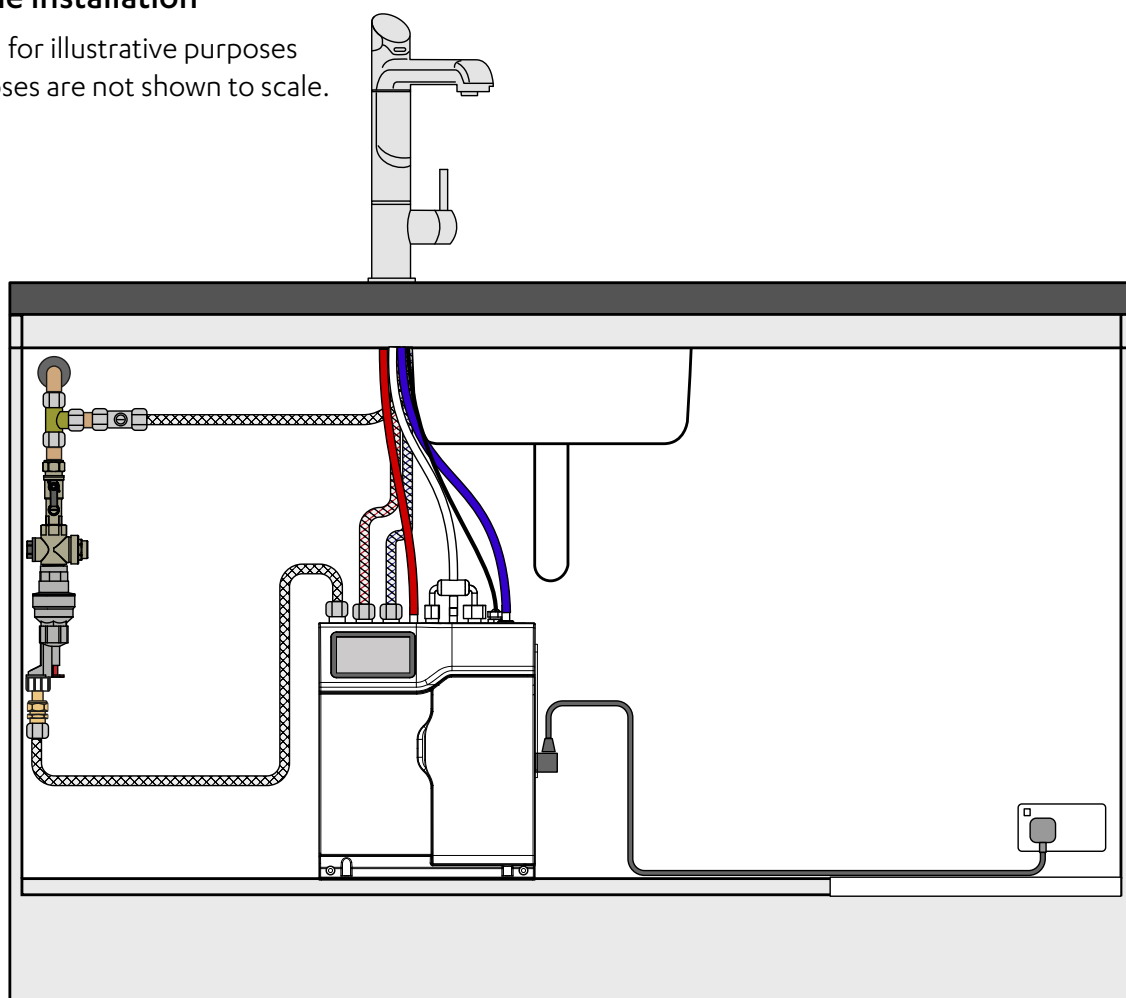
4.14.4 BC20 - BC30, BC Home All-In-One Classic 'Vented' tap

UK Command Centre connections



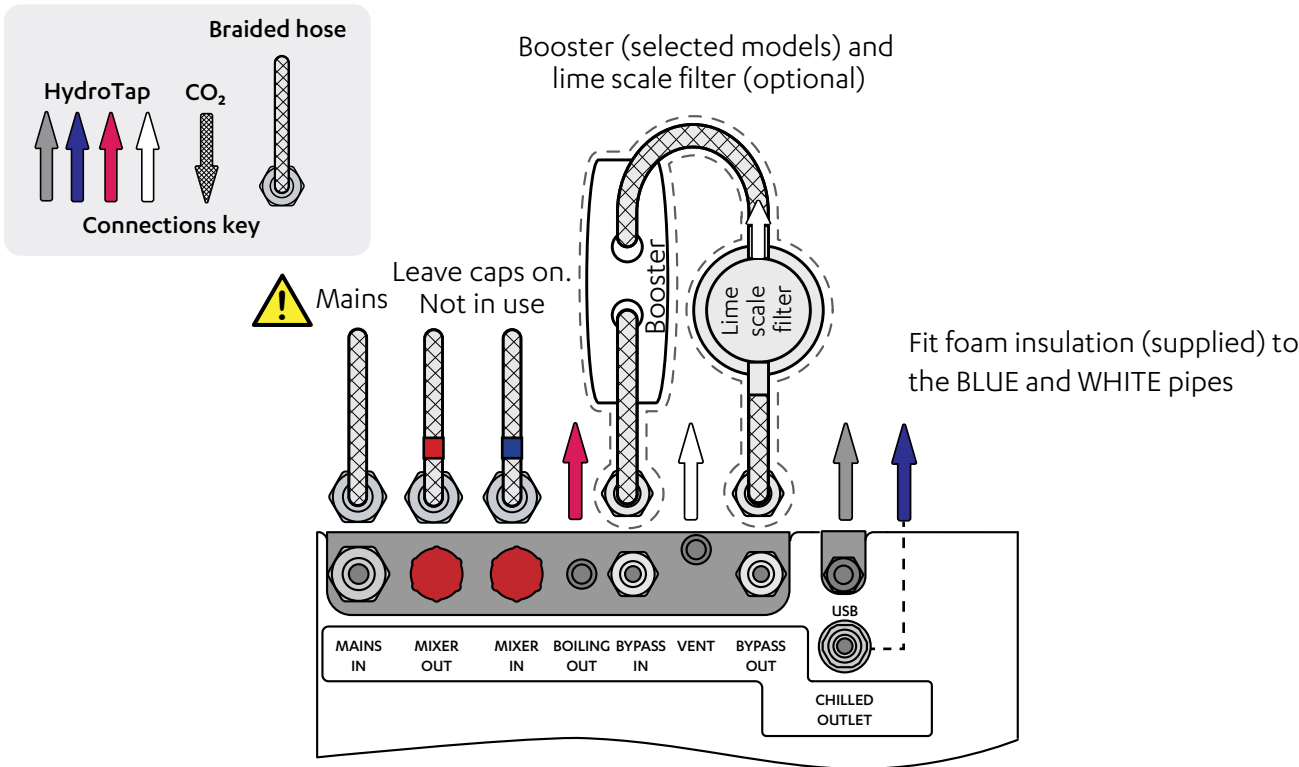
Example installation

Diagram for illustrative purposes only. Hoses are not shown to scale.

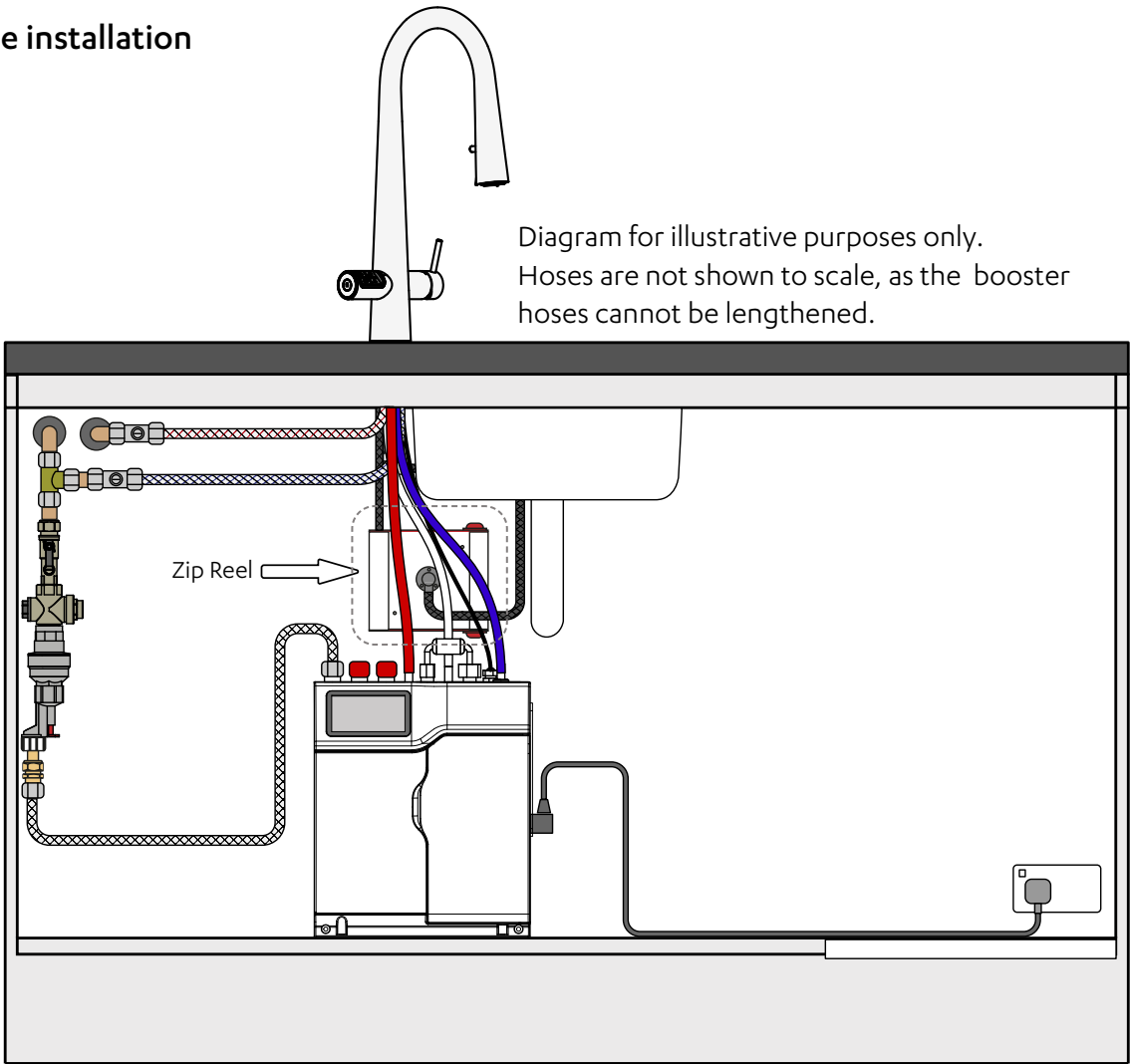


4.14.5 BC20 - BC30, BC Home All-In-One Pull-Out tap models

UK Command Centre connections

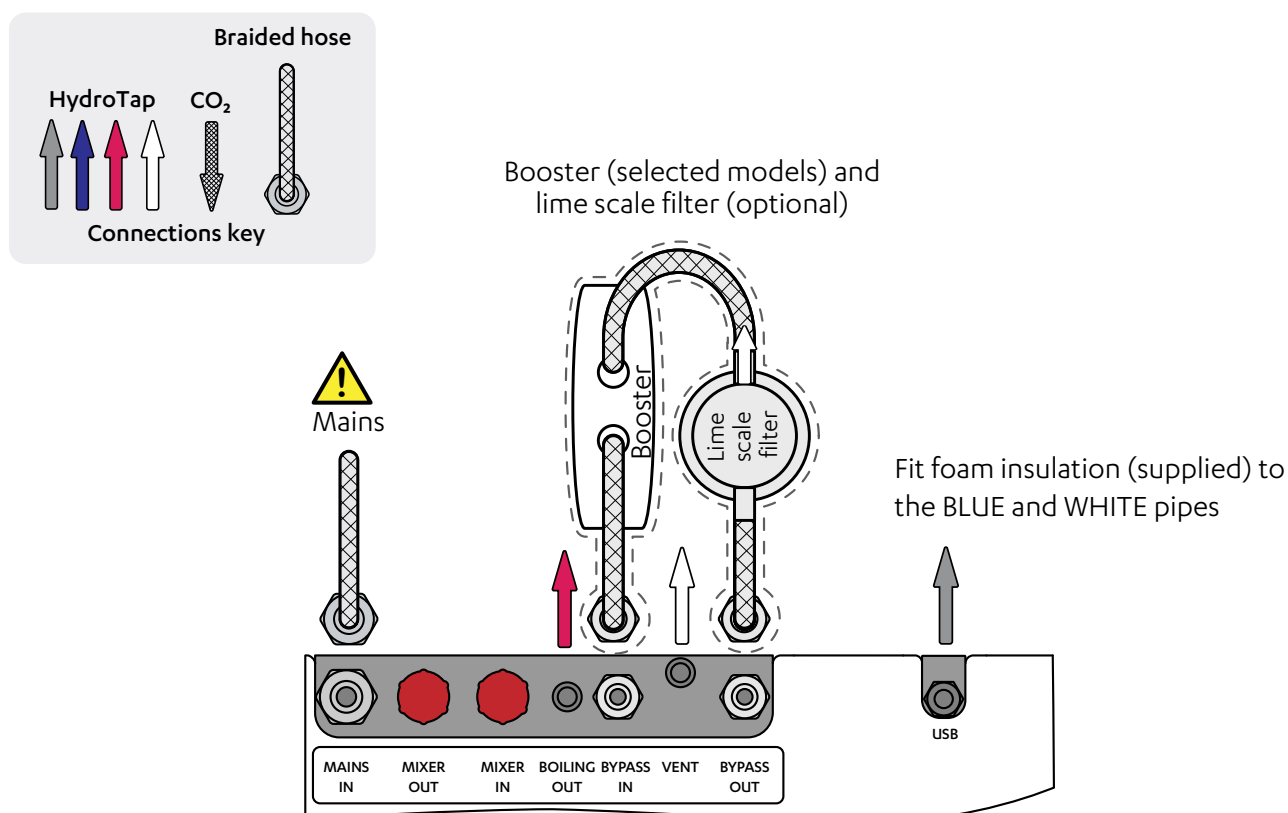


Example installation

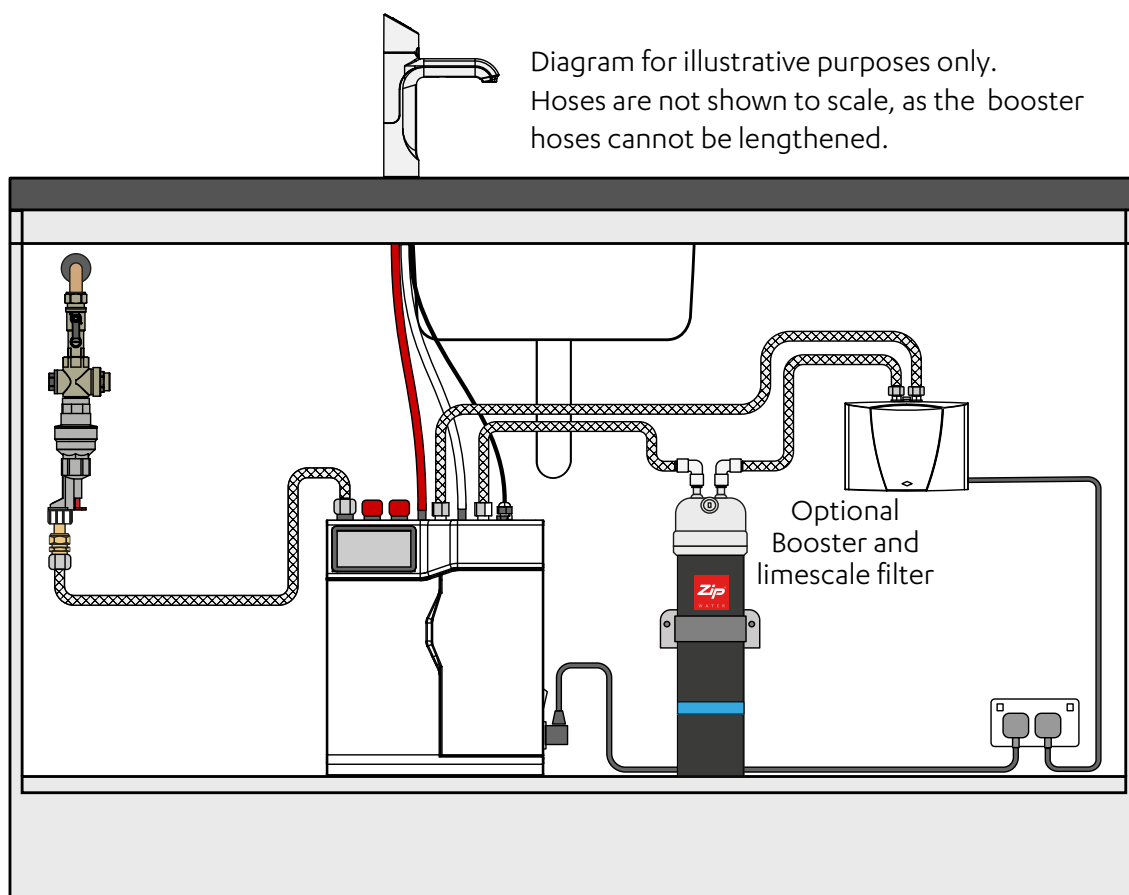


4.15.1 B60 - B100, B Home HydroTap boiling models

UK Command Centre connections

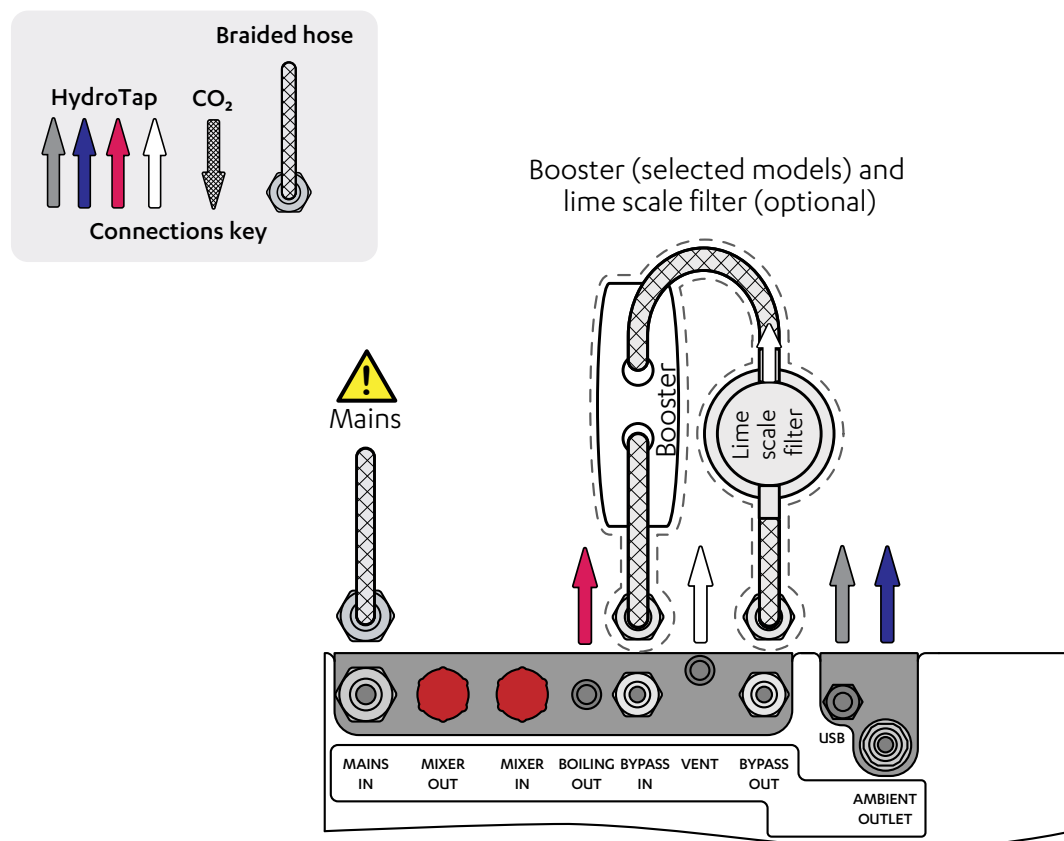


Example installation



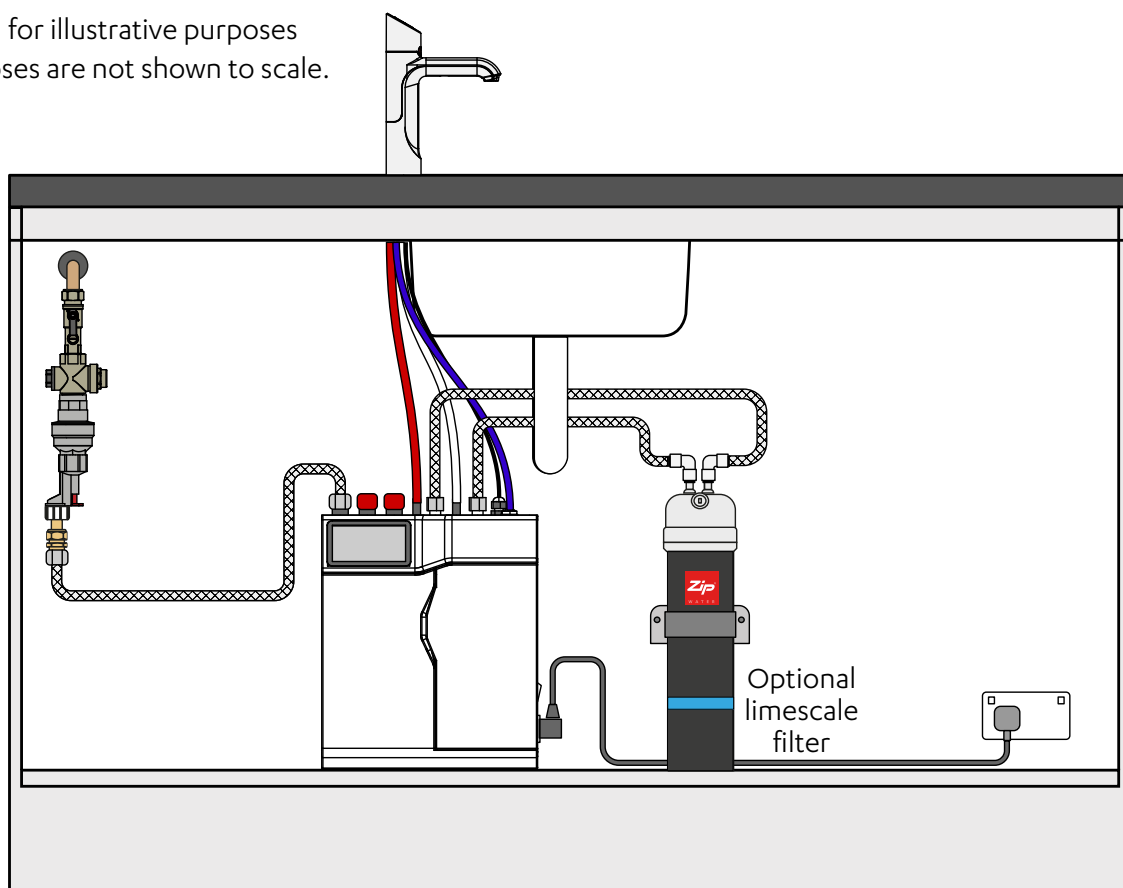
4.15.2 BA60 - BA100, BA Home HydroTap boiling ambient models

UK Command Centre connections



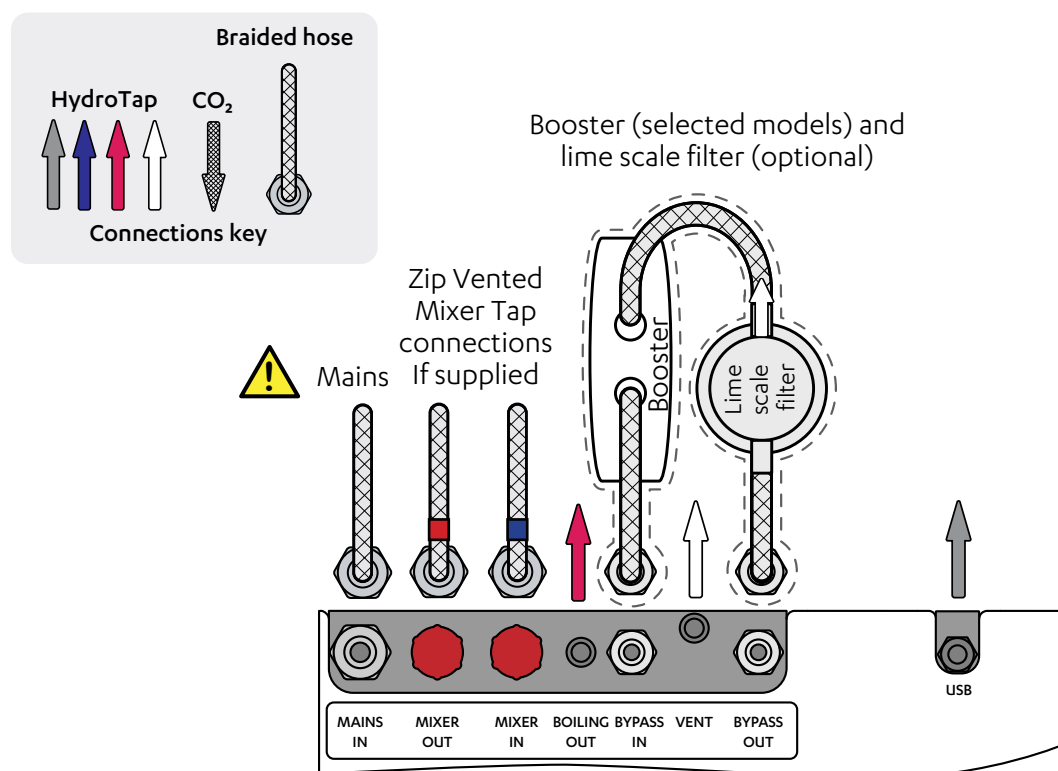
Example installation

Diagram for illustrative purposes only. Hoses are not shown to scale.



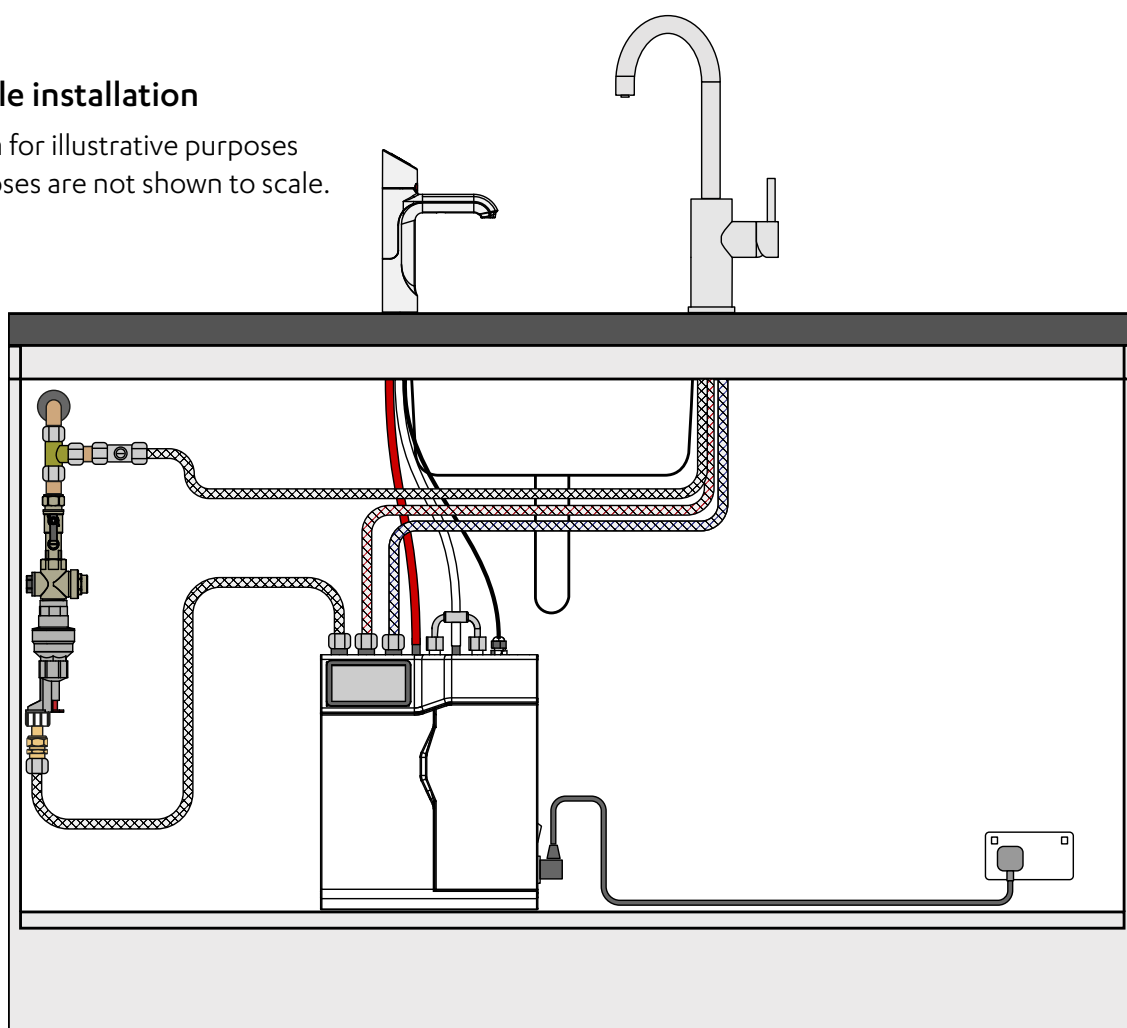
4.15.3 B60 - B100, B Home HydroTap boiling and vented mixer tap combinations

UK Command Centre connections



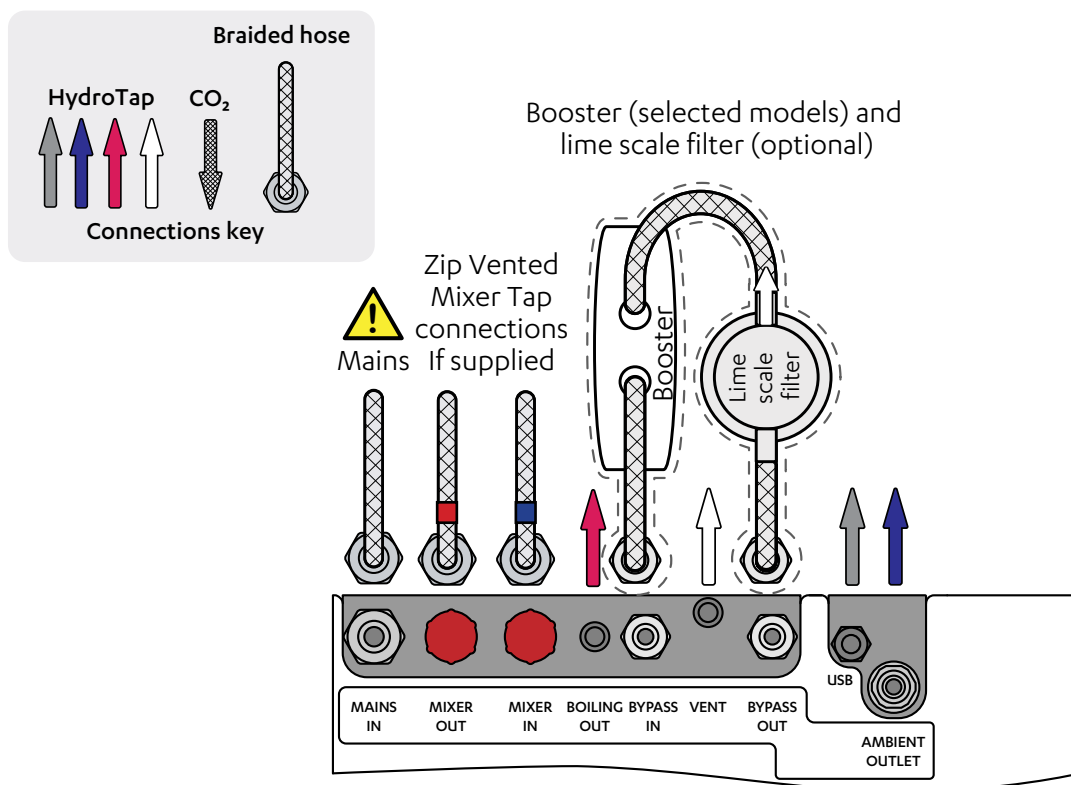
Example installation

Diagram for illustrative purposes only. Hoses are not shown to scale.



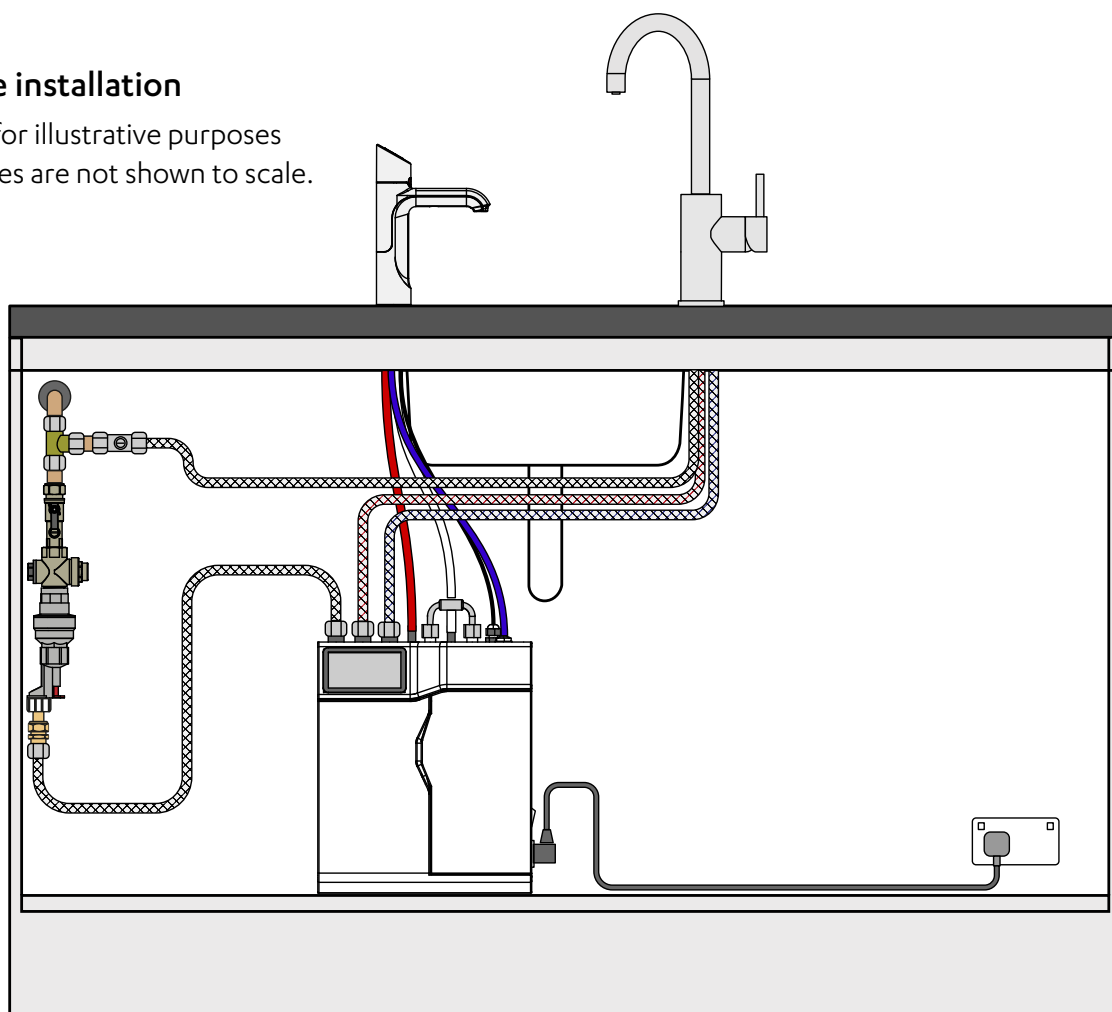
4.15.4 BA60 - BA100, BA Home HydroTap boiling ambient and mixer tap combinations

UK Command Centre connections



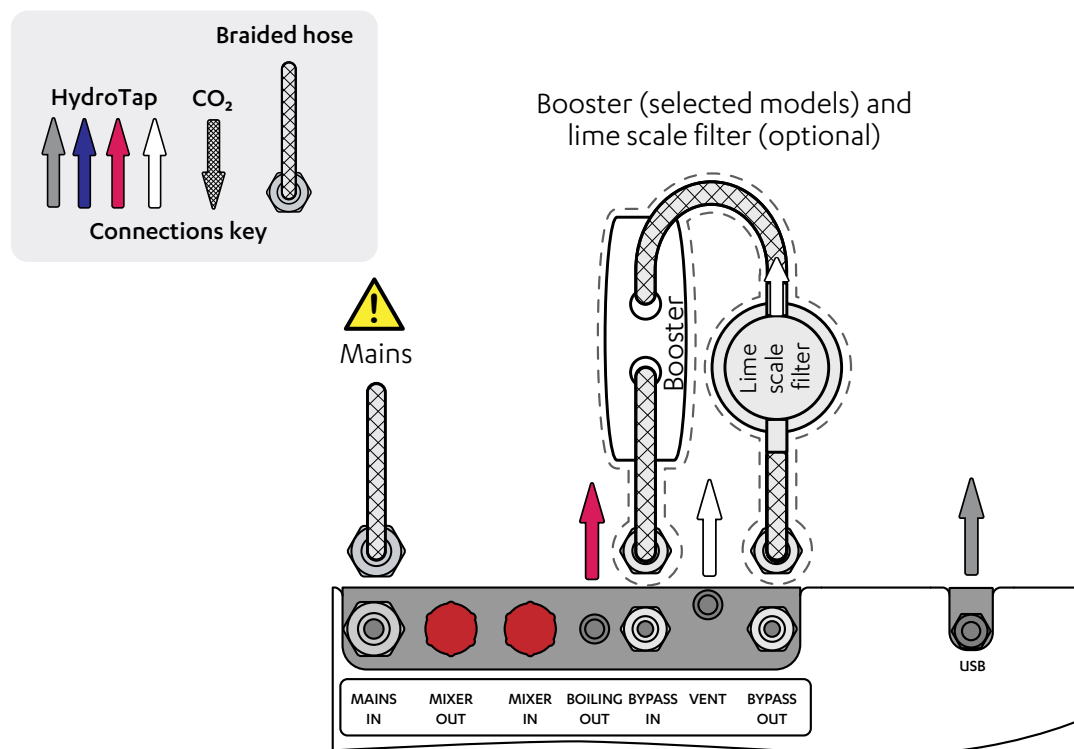
Example installation

Diagram for illustrative purposes only. Hoses are not shown to scale.

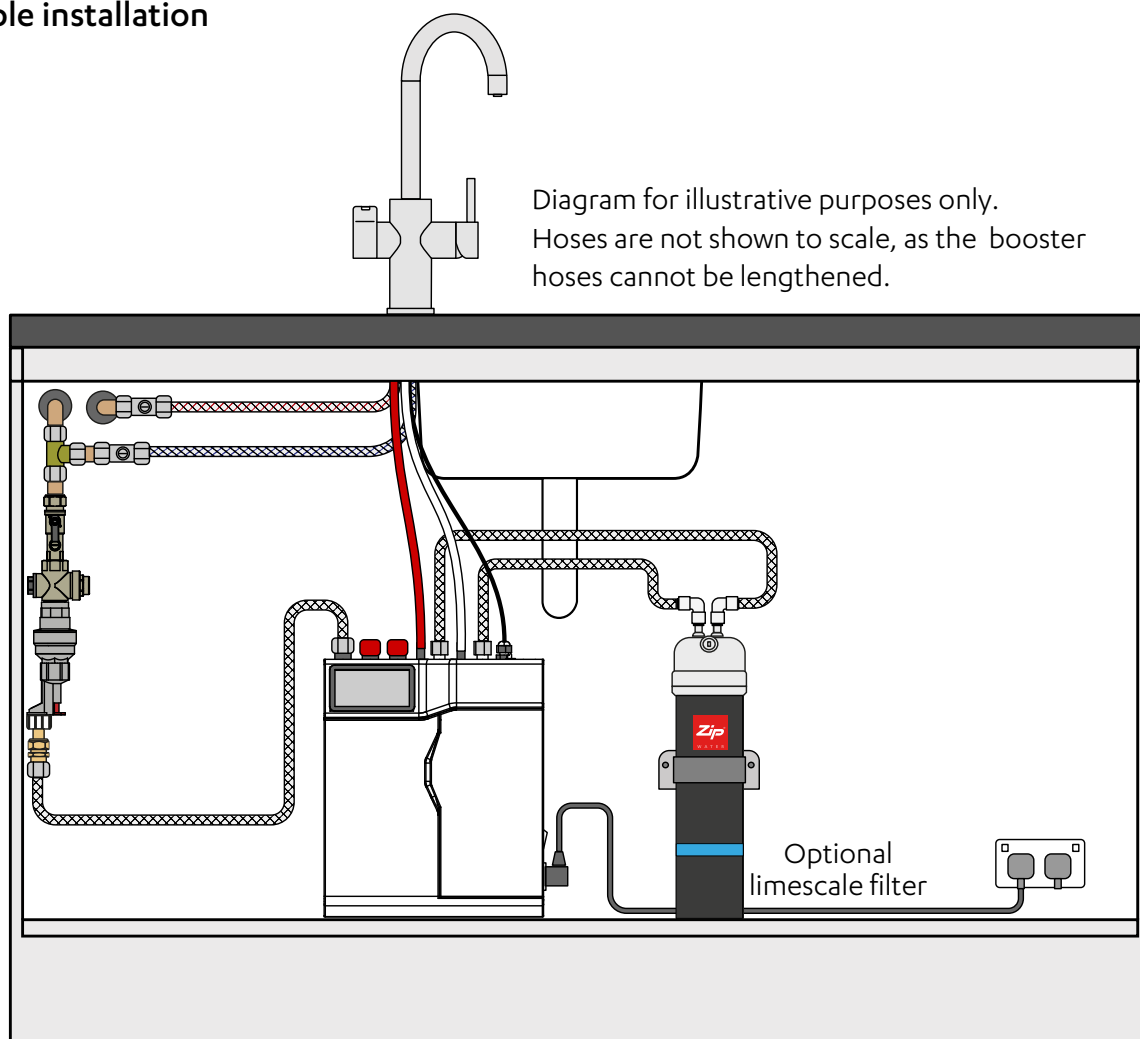


4.15.5 B60 - B100, B Home HydroTap boiling with mains mixer tap models

UK Command Centre connections



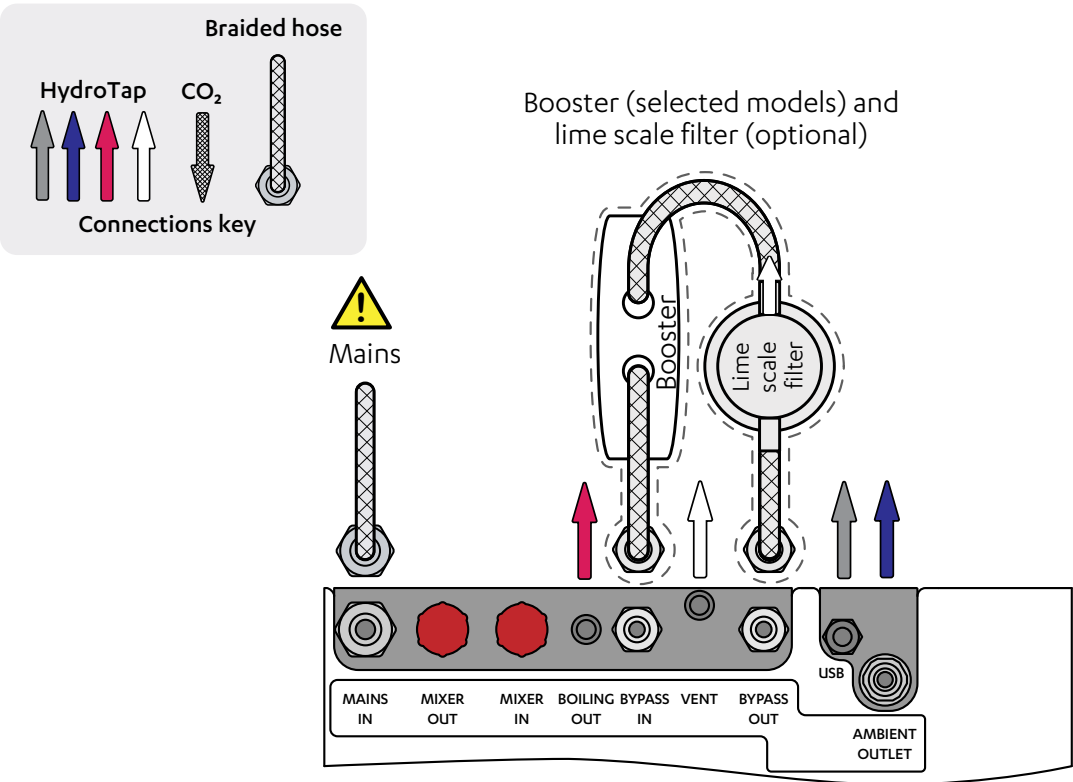
Example installation



Section 4 Commercial & Residential Command Centre installation

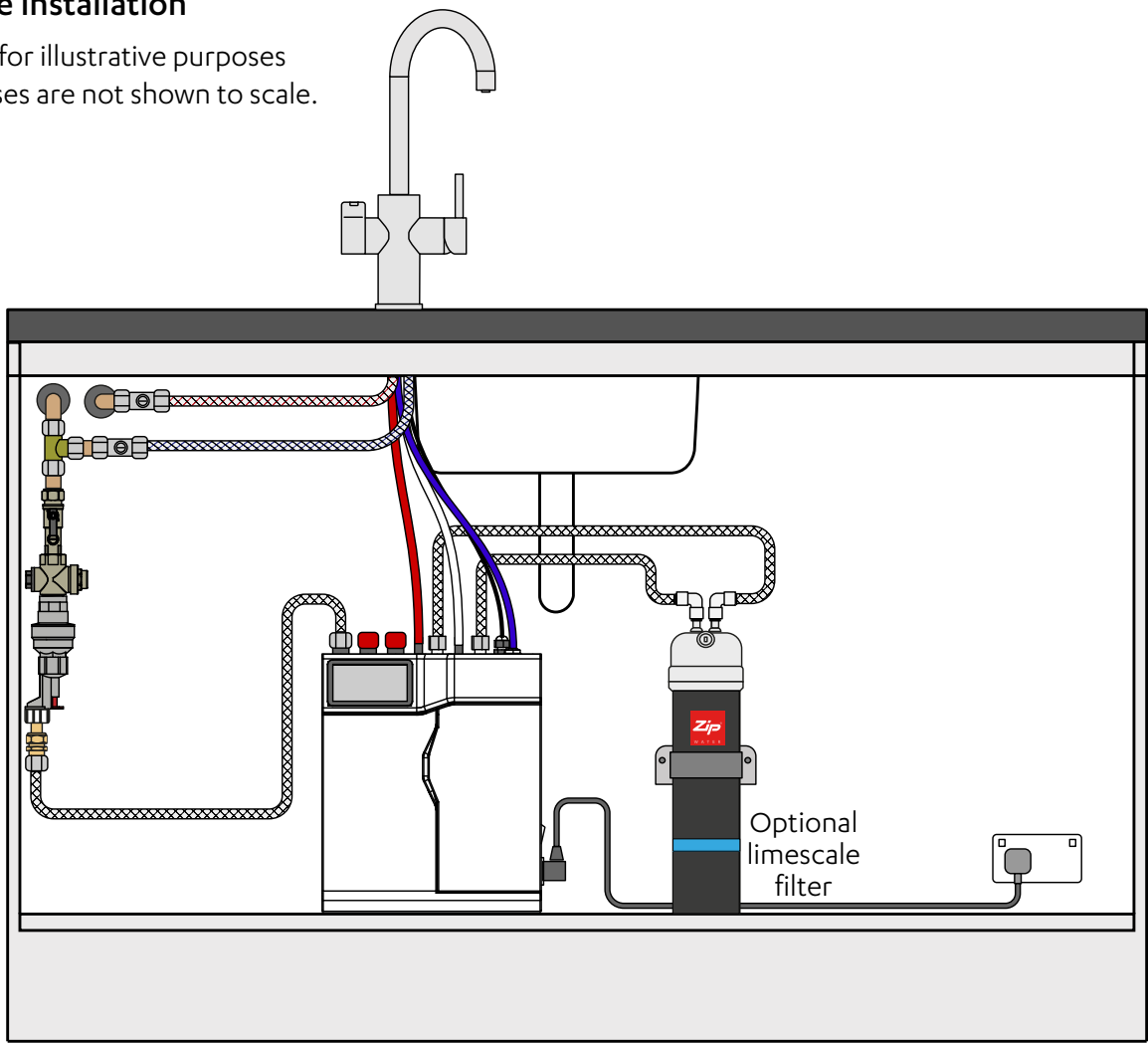
4.15.6 BA60 - BA100, BA Home HydroTap boiling ambient with mains mixer tap

UK Command Centre connections



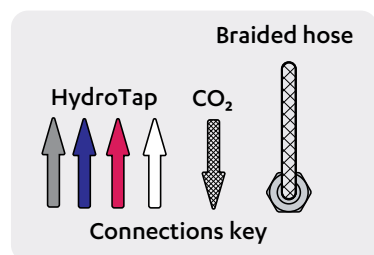
Example installation

Diagram for illustrative purposes only. Hoses are not shown to scale.

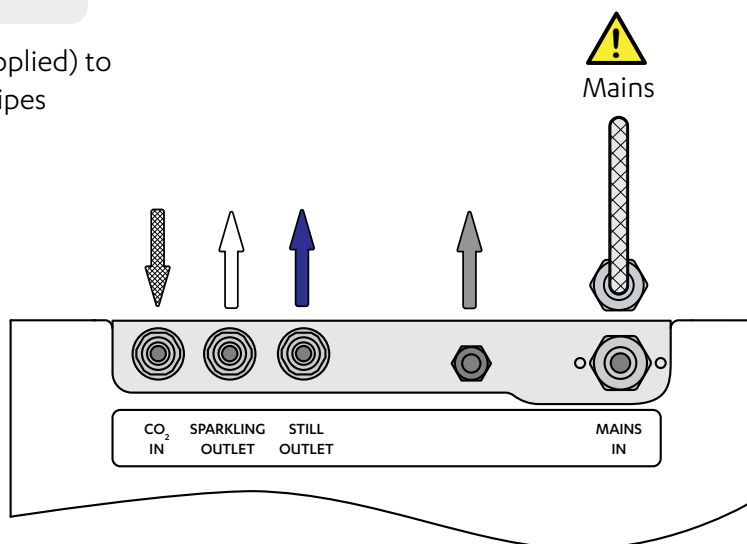


4.16.1 CS100 Chilled and sparkling HydroTap models

UK Command Centre connections

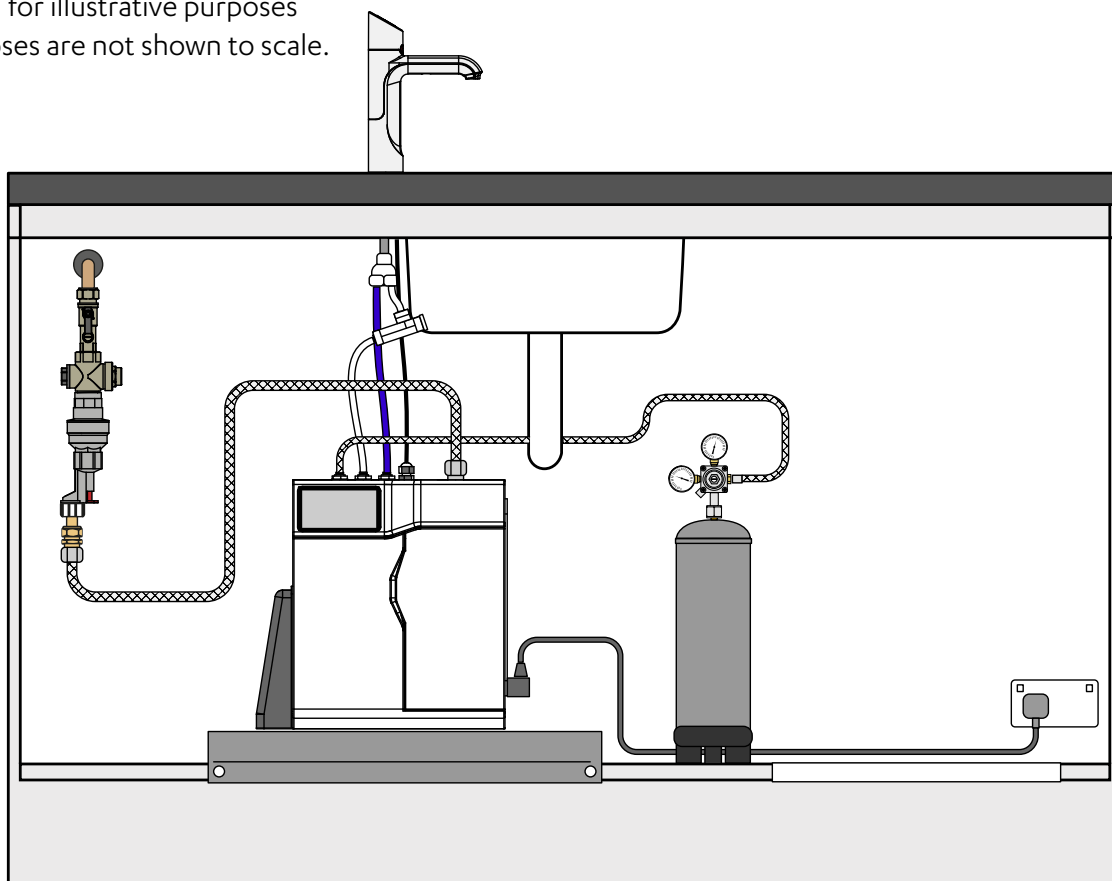


Fit foam insulation (supplied) to the BLUE and WHITE pipes



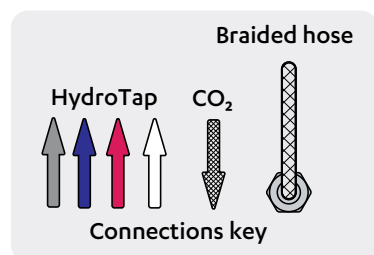
Example installation

Diagram for illustrative purposes only. Hoses are not shown to scale.

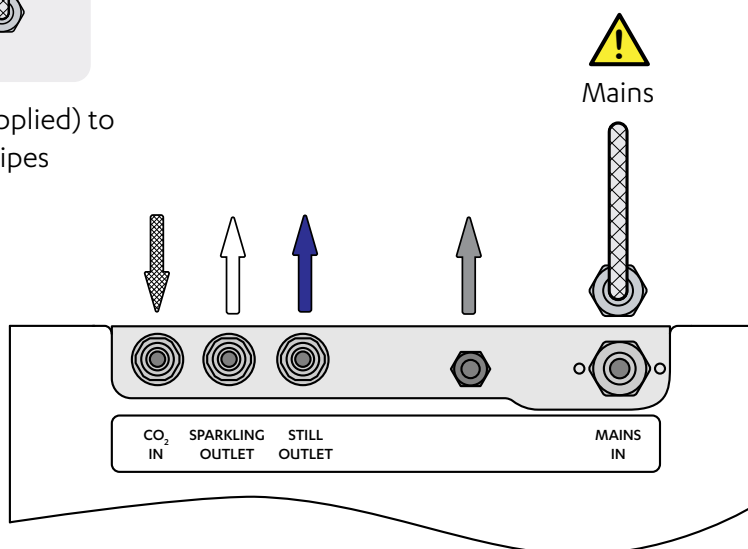


4.16.2 CS100 Chilled, sparkling and mixed hot & cold

UK Command Centre connections

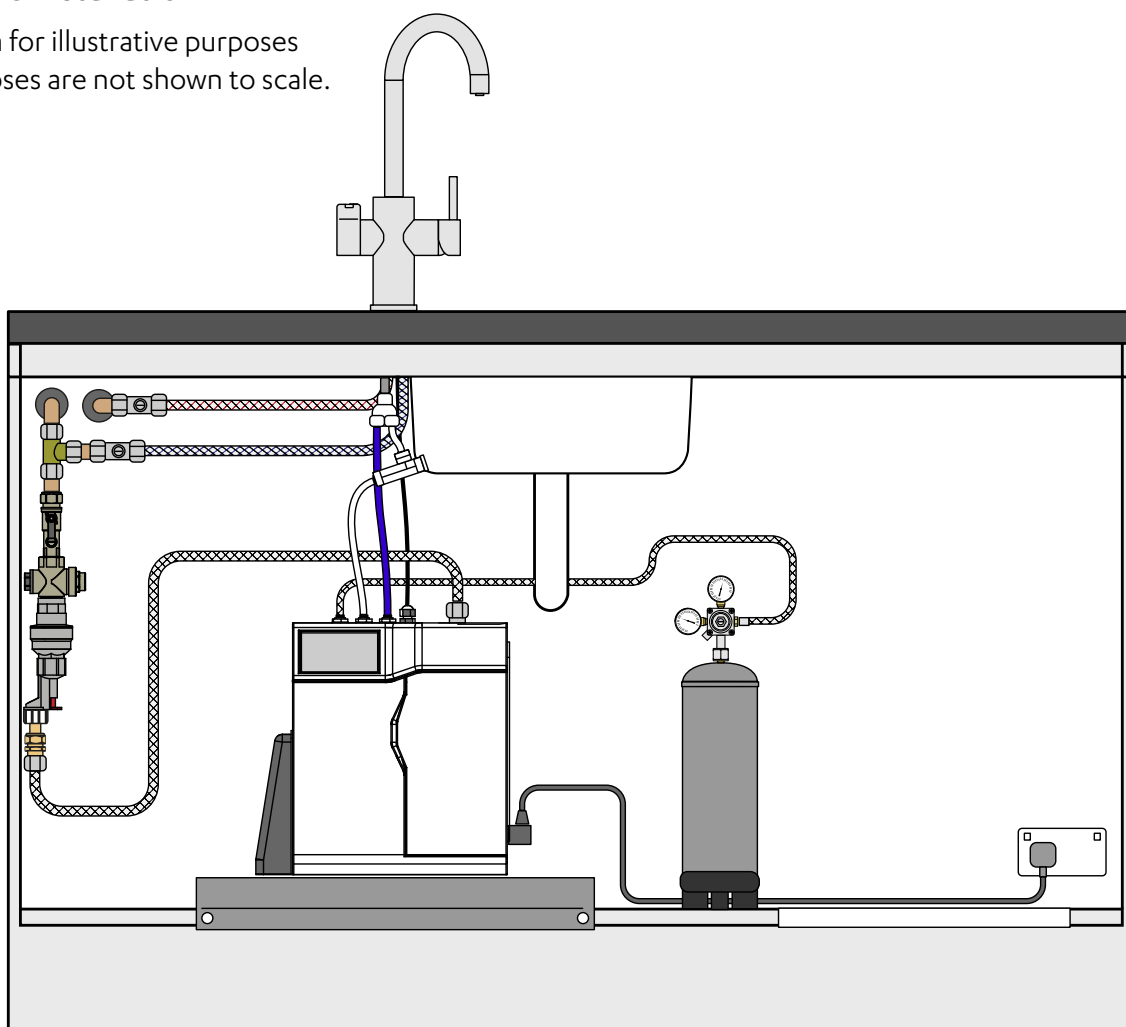


Fit foam insulation (supplied) to the BLUE and WHITE pipes



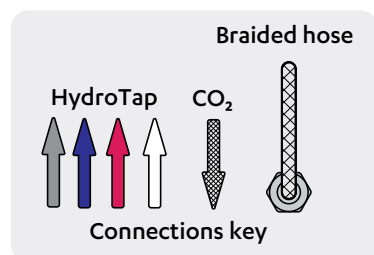
Example installation

Diagram for illustrative purposes only. Hoses are not shown to scale.

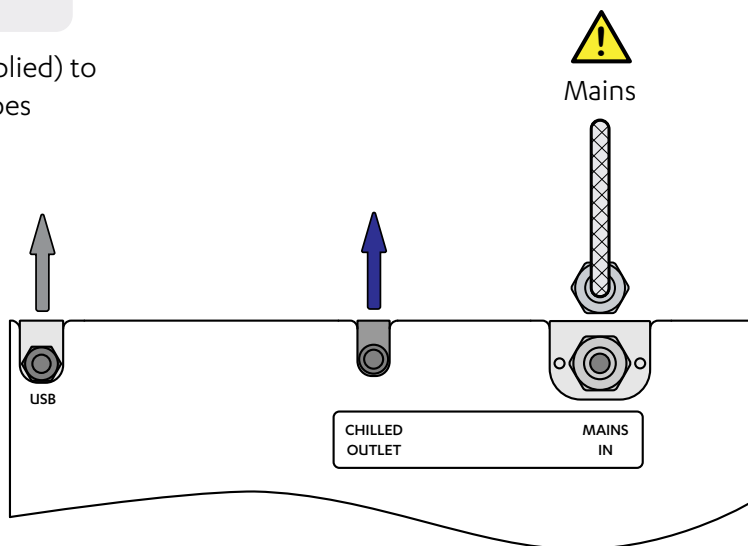


4.17.1 C40 - C100 HydroTap Chilled models

UK Command Centre connections

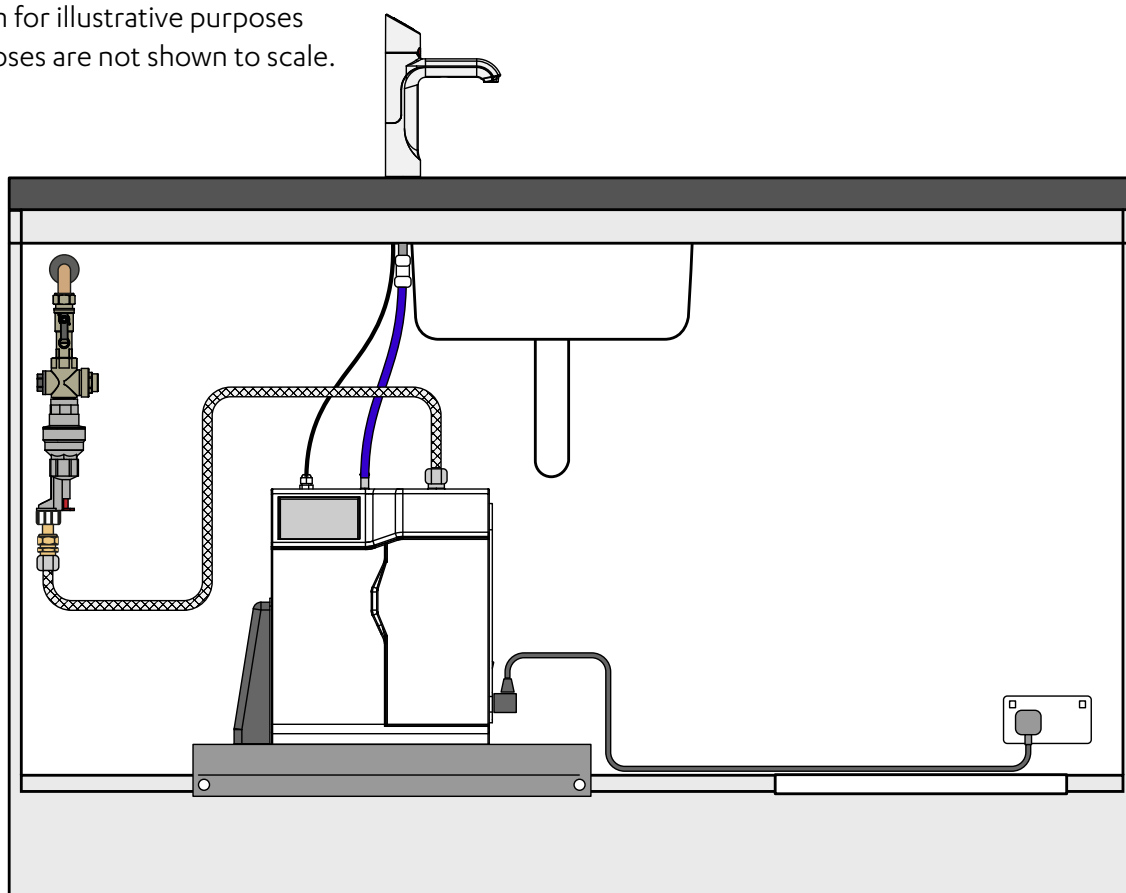


Fit foam insulation (supplied) to the BLUE and WHITE pipes



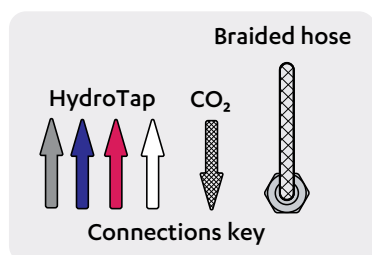
Example installation

Diagram for illustrative purposes only. Hoses are not shown to scale.

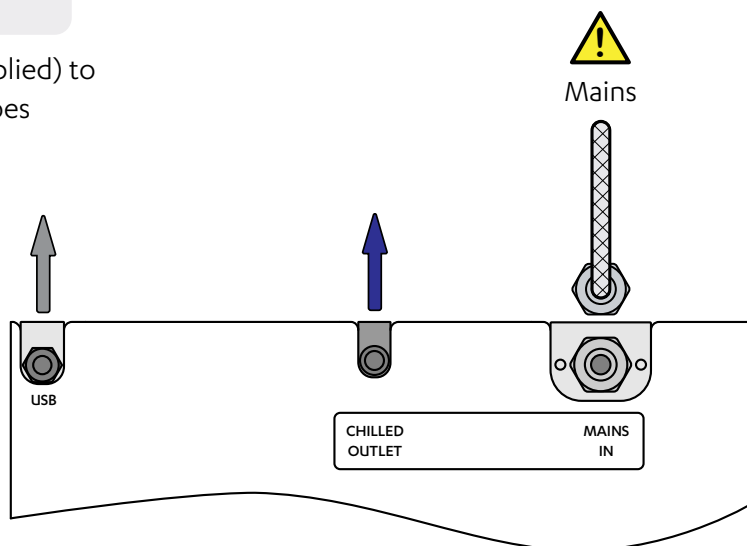


4.17.2 C40 - C100 Chilled and mixed hot & cold models

UK Command Centre connections

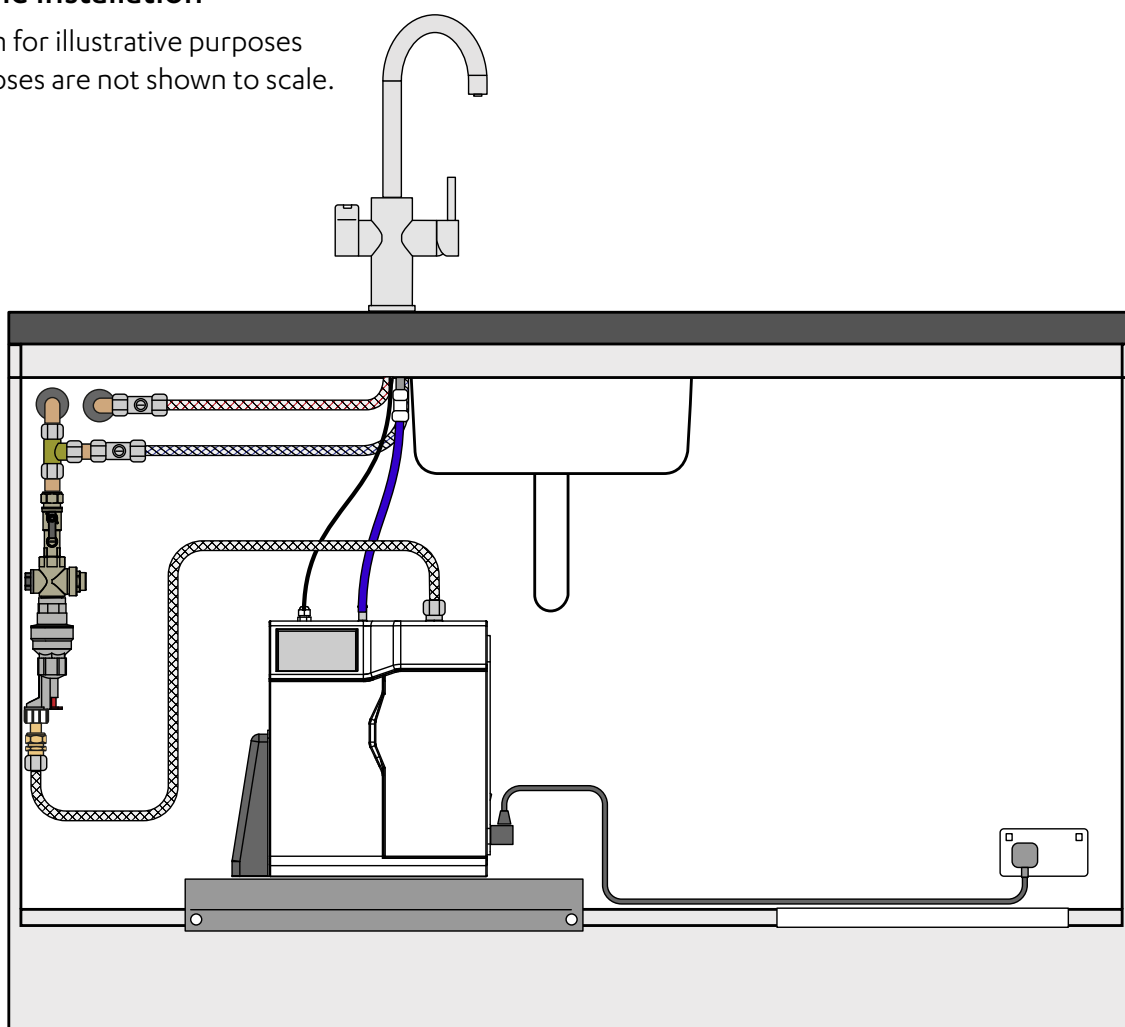


Fit foam insulation (supplied) to the BLUE and WHITE pipes



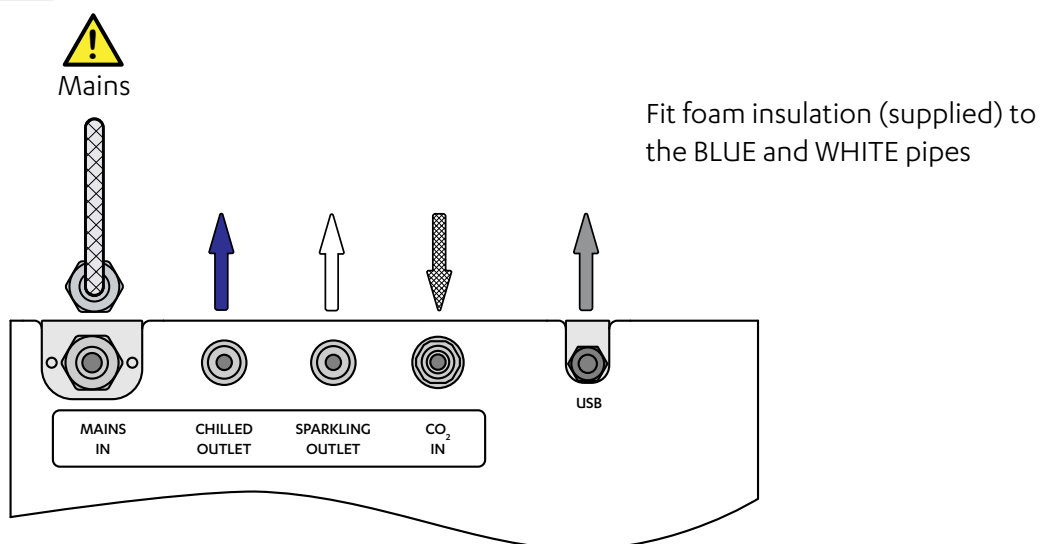
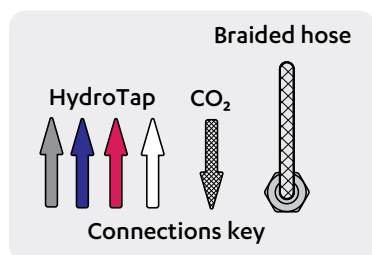
Example installation

Diagram for illustrative purposes only. Hoses are not shown to scale.



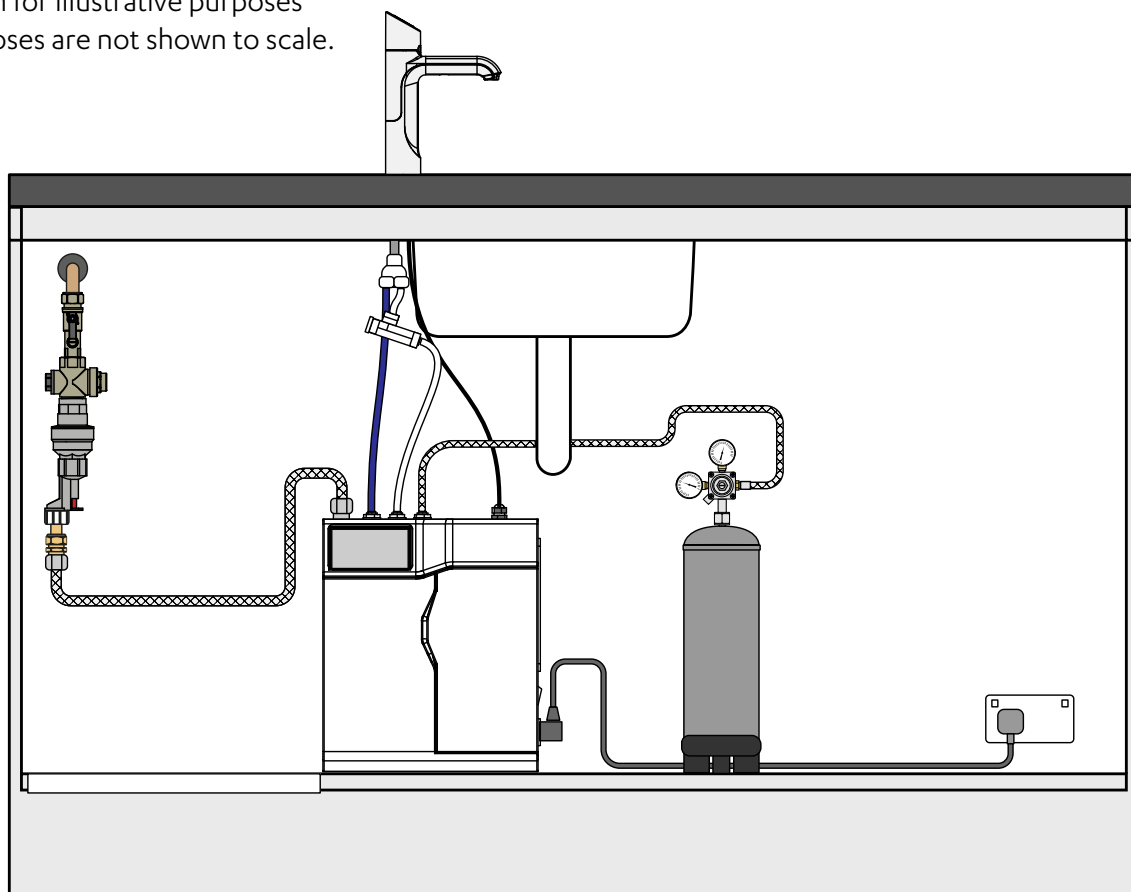
4.18.1 CS Home Chilled and sparkling HydroTap models

UK Command Centre connections



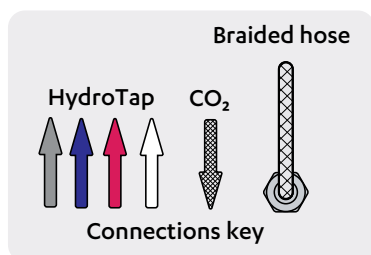
Example installation

Diagram for illustrative purposes only. Hoses are not shown to scale.

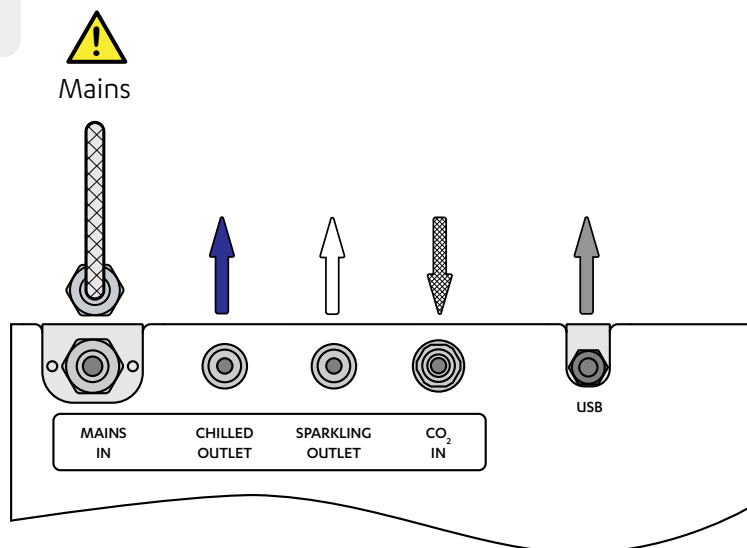


4.18.2 CS Home Chilled, sparkling and mixed hot & cold

UK Command Centre connections

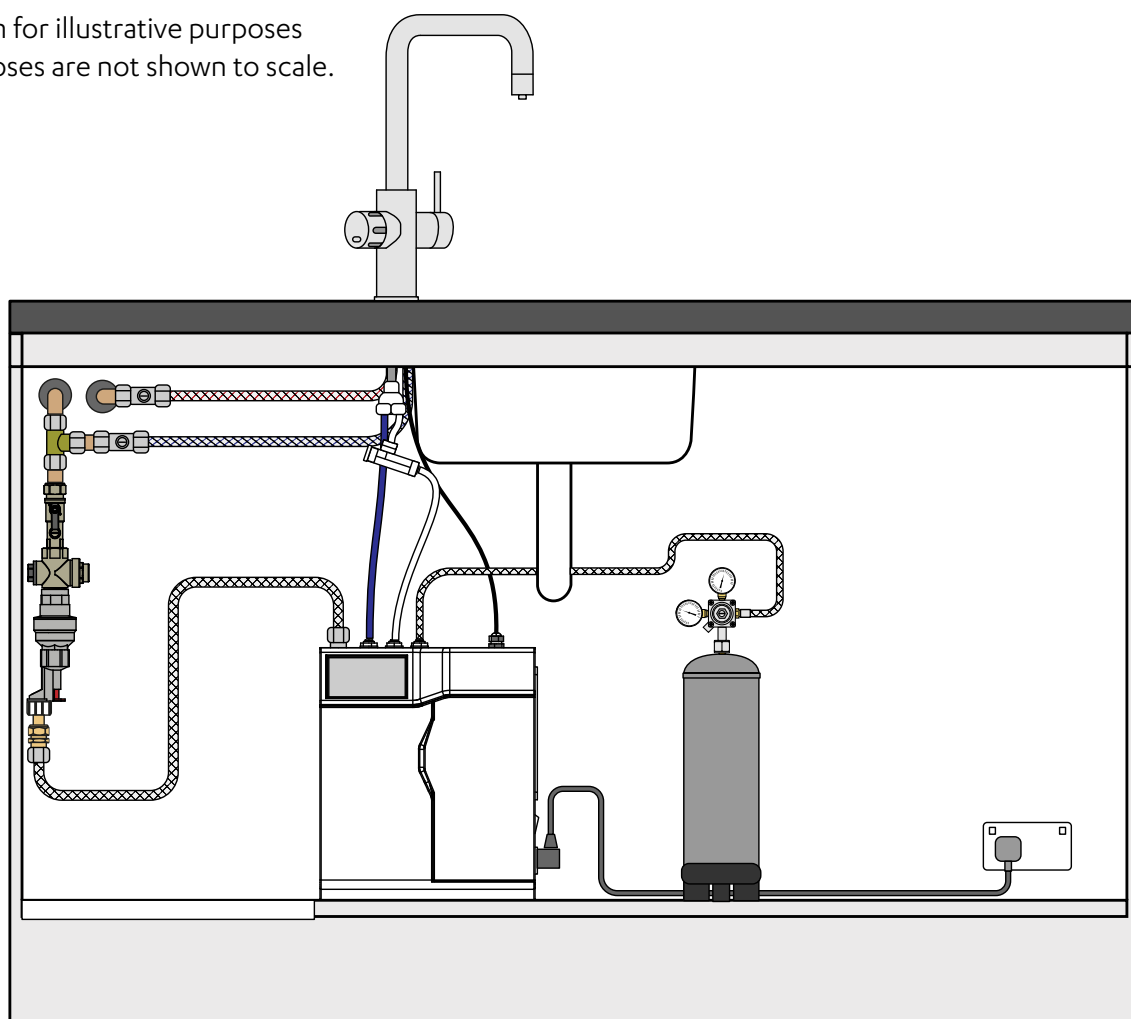


Fit foam insulation (supplied) to the BLUE and WHITE pipes



Example installation

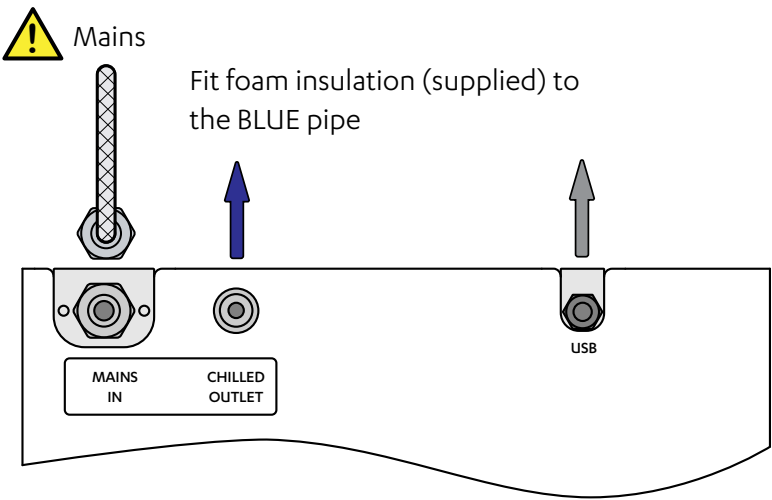
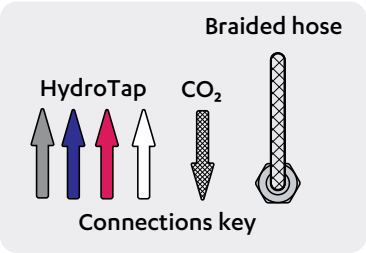
Diagram for illustrative purposes only. Hoses are not shown to scale.



Section 4 Commercial & Residential Command Centre installation

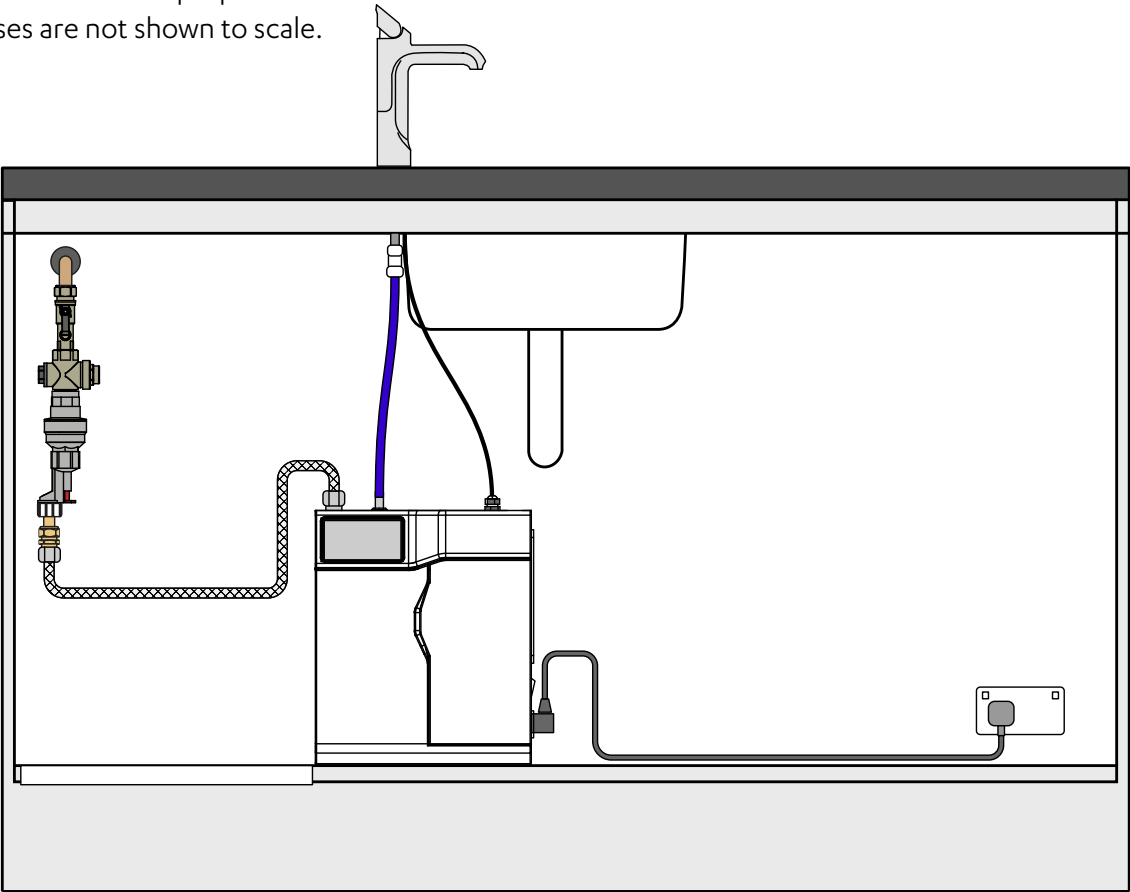
4.19.1 C Home HydroTap chilled models

UK Command Centre connections



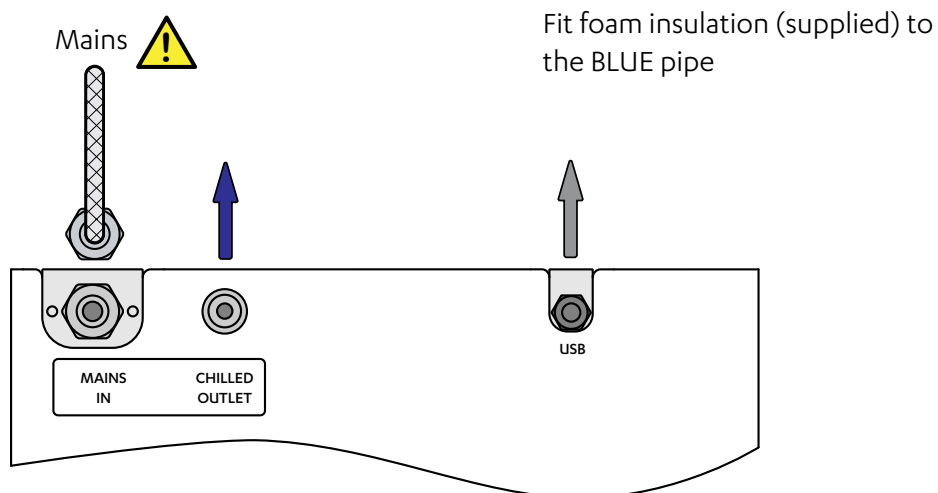
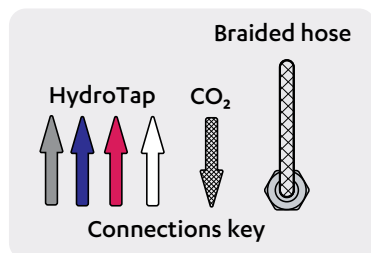
Example installation

Diagram for illustrative purposes only. Hoses are not shown to scale.



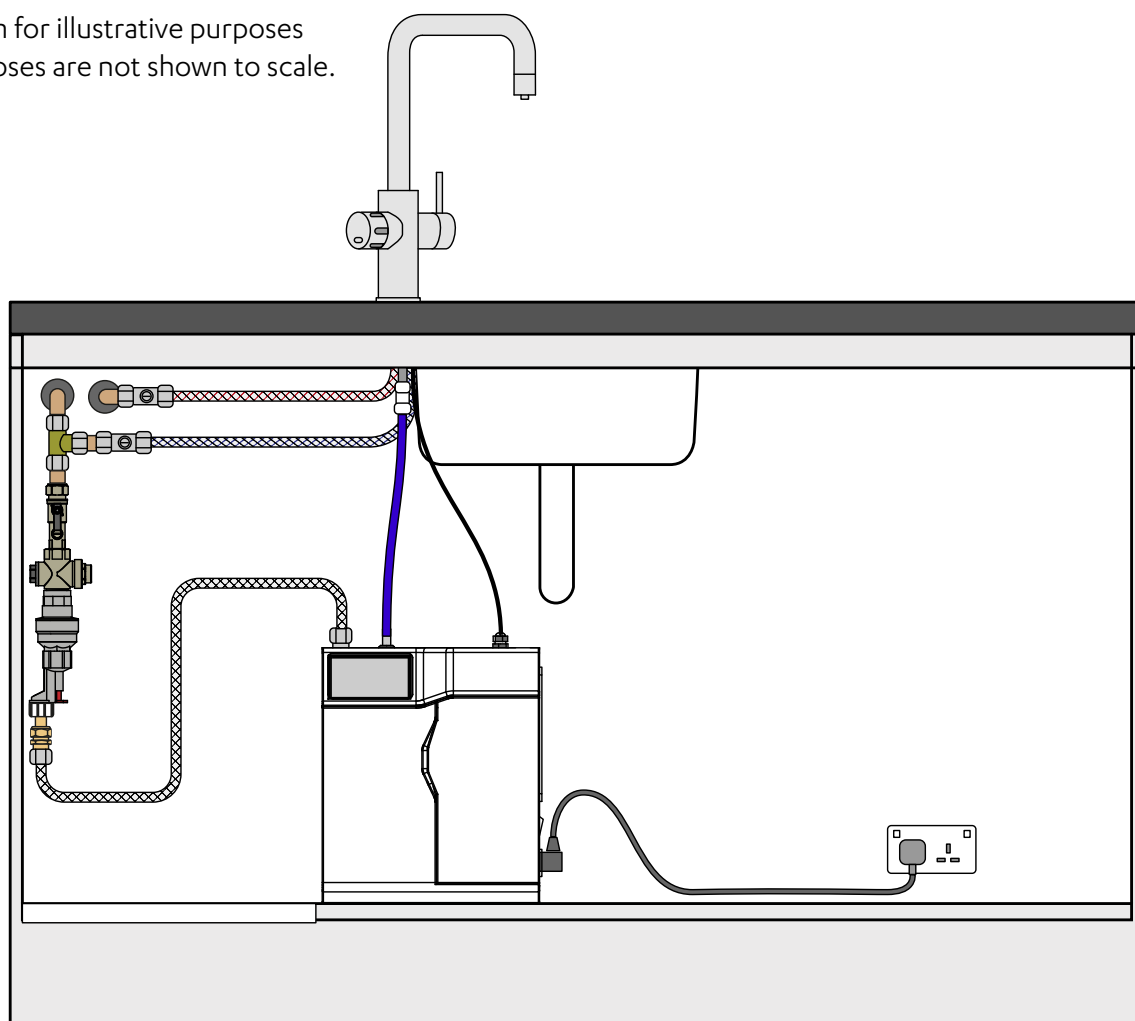
4.19.2 C Home Chilled and mixed hot & cold

UK Command Centre connections



Example installation

Diagram for illustrative purposes only. Hoses are not shown to scale.



Commissioning using the HydroTap Clean can

The HydroTap Clean process

HydroTap Clean is a first to market cleaning process for HydroTap systems comprised of the HydroTap Clean solution, dosing adaptor and smart firmware.

The HydroTap Clean process is automated and gently cleans the chilled and sparkling water paths during the commissioning of a new HydroTap Command Centre.

The HydroTap Clean solution is:

Safe, natural, certified organic, PH neutral, biodegradable solution produced by electrochemically activated water acting like a detergent.

HydroTap Clean is also non-corrosive to gently clean the chilled and sparkling internal water paths of your new HydroTap.

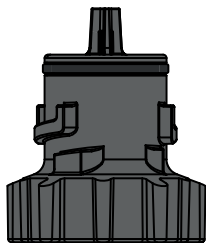
Parts supplied with the kit

Parts supplied with the HydroTap Clean kit	Qty
HydroTap Clean can adapter (1) (used in filter head)	1
HydroTap Clean can (2)	1
HydroTap Clean instructions	1

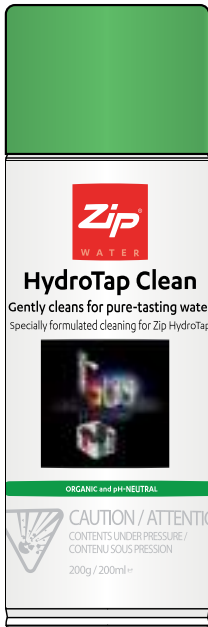
Parts identification



WARNING ! Do not connect the parts together before carefully reading/following instructions.



HydroTap Clean adapter (1)



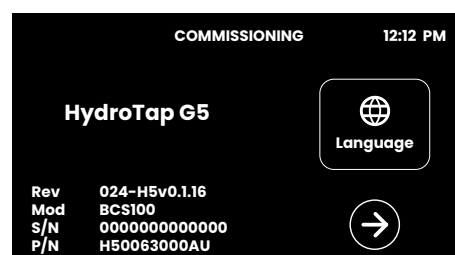
HydroTap Clean can (2)



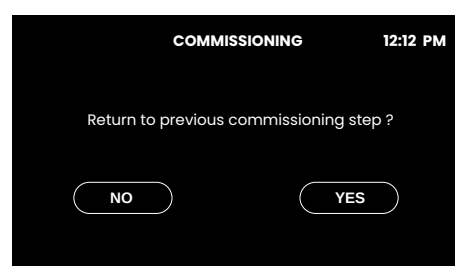
HydroTap Clean instructions

5.1 Turn on the supplies & familiarise yourself with the system

- Connect the mains electrical power cable to the supply.
- Turn the power and water on and check for any leaks.
- Familiarise yourself with the operation of the tap and GUI screen in preparation for use, see the user guide.
- Initial commissioning screen touch Language option.

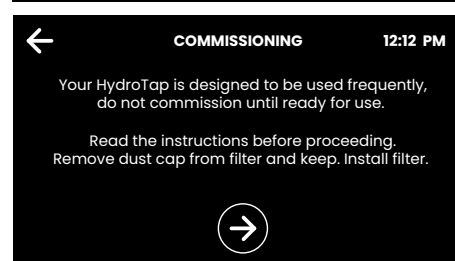
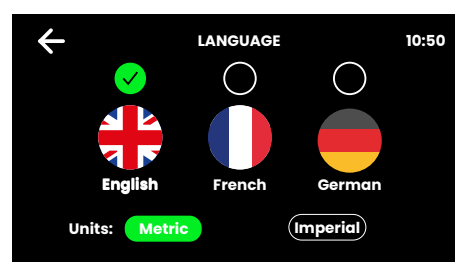


- Optional screen shown if the commissioning was previously started but not complete (Command Centre powered off during process). Otherwise screen will not be shown.



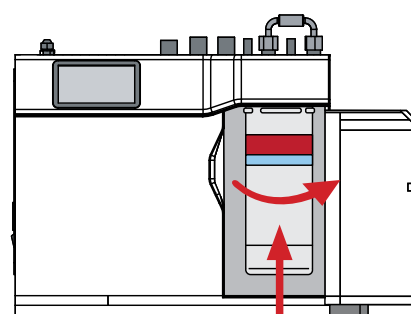
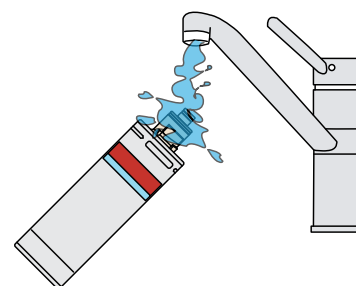
5.2 Select the language

- Touch the appropriate button to select the language and units of choice.
- Touch the back arrow to go back to previous menu.
- In the previous menu, touch the arrow to begin the commissioning process.
- Read the commissioning information, touch the forward arrow to go to the next screen.
- (Touch the back arrow to go back to previous menu).



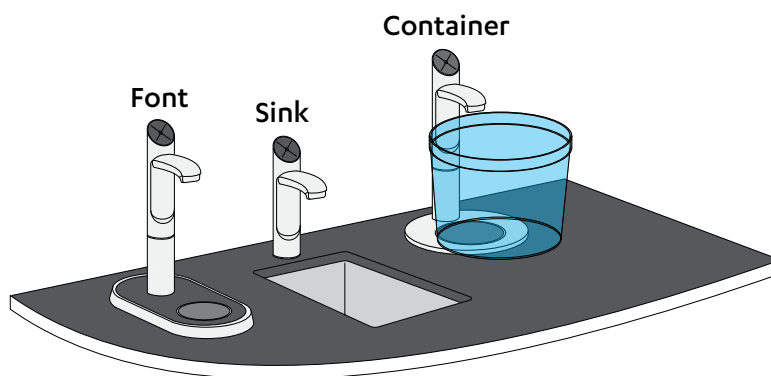
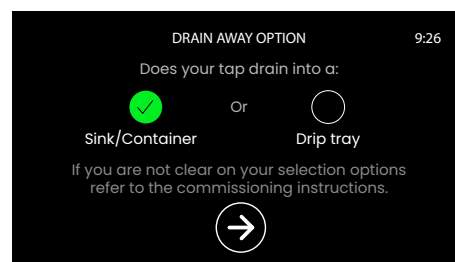
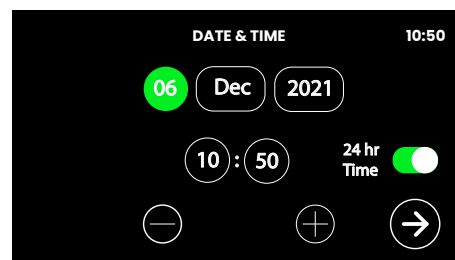
5.3 Install the filter cartridge

- Unpack filter cartridge.
- Remove dust cap and set aside in a clean area for use later.
- Write today's date where shown on the label.
- Avoid touching the filter o-rings and filter opening as this may cause bacterial contamination of the cartridge.
- Moisten the o-rings with water.
- Open the filter door on the Command Centre.
- Push the new cartridge up into the filter head.
- Turn the cartridge a quarter turn to the right until it comes to a complete stop and locks.



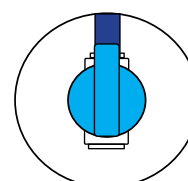
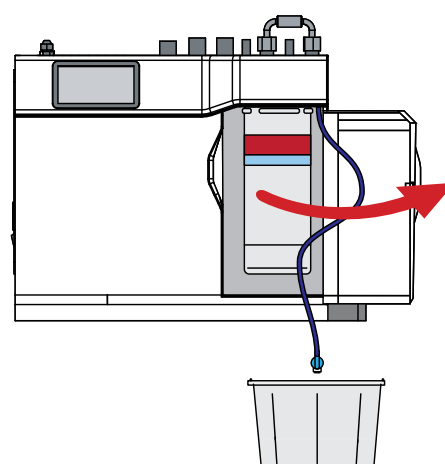
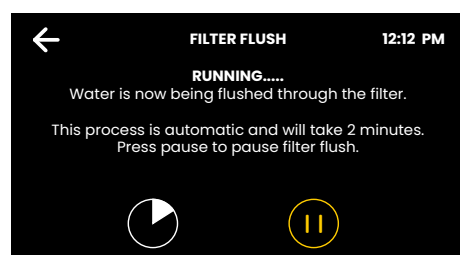
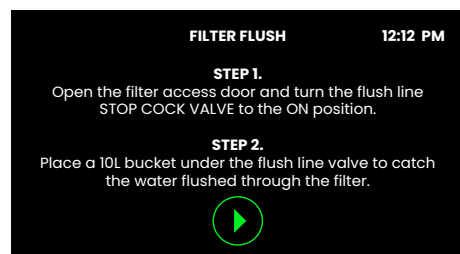
5.4 Set the date, time & drain away options

- Touch the date and time, use "-" or "+" to make adjustments. When ready, touch the arrow to continue.
- Select 'Sink / Container' or 'Font' depending on the model, see below.
- Select 'Font' if the HydroTap is mounted on a font.
- Select 'Sink / Container' if the HydroTap is mounted such that the waste water dispenses into a sink, or container.
- **Note** This selection will determine if water is dispensed automatically or requires operation of the tap during the tank flush process.
- Touch the arrow to continue.

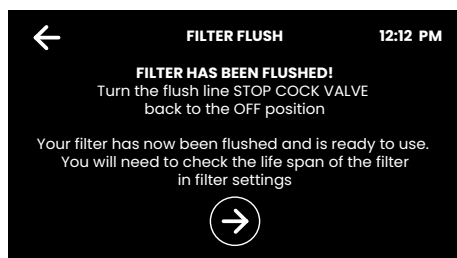


5.5 Filter flush

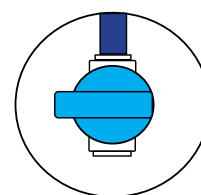
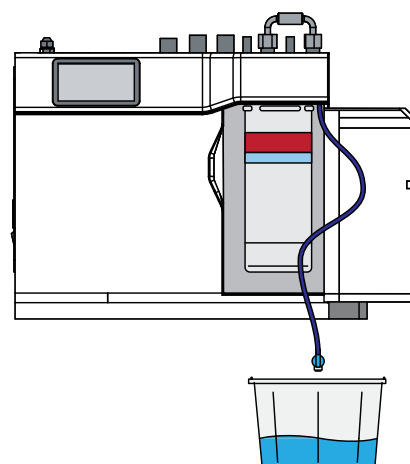
- Follow the steps on-screen to flush the filter.
- Open filter door & uncoil flush line.
- Direct flush line into bucket.
- Place a cloth or towel under the filter cartridge to catch any water that may spill.
- Open the stop cock valve.
- Start filter flush.



Stop cock valve open



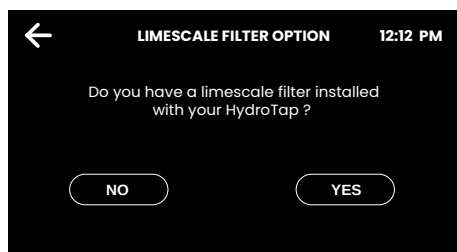
- Once the filter flush is finished, close the stop cock valve.
- Wipe up any spills.
- Close the door to secure the appliance.



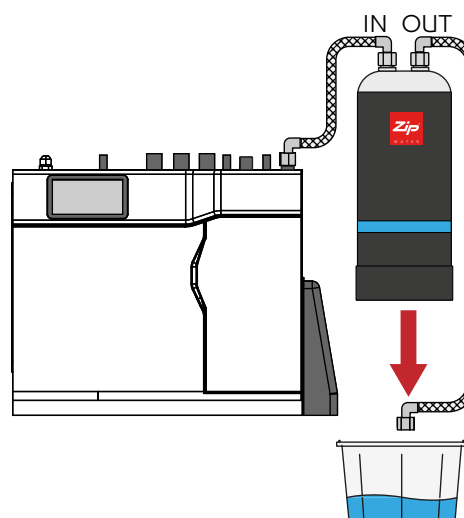
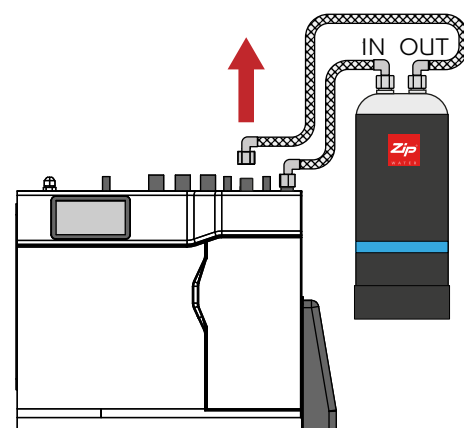
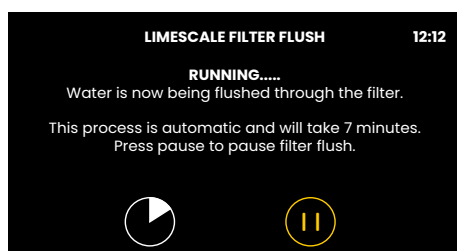
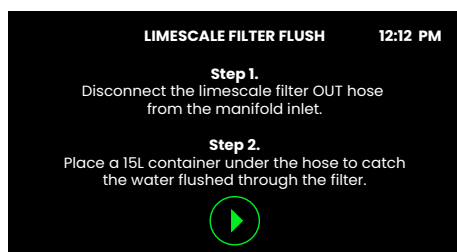
Stop cock valve closed

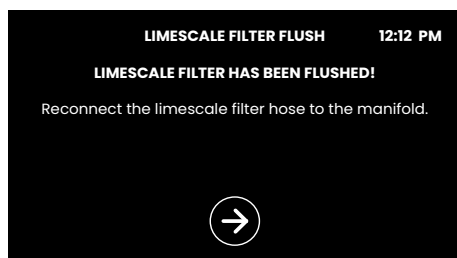
5.5.1 Limescale filter flush (If optional limescale filter is installed, UK models only)

- Follow the steps on-screen.
- (Selecting NO advances the screen to the next process).

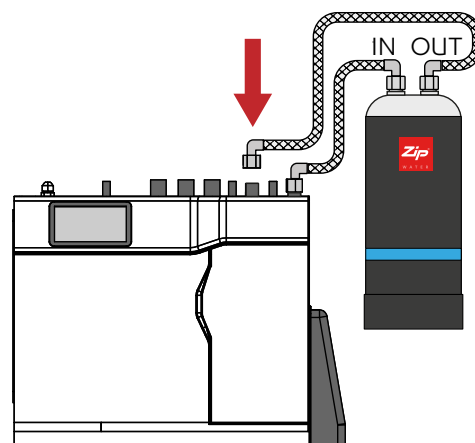


- Disconnect the limescale filter OUT hose from the Command Centre manifold.
- Direct it into a sink or suitable container.
- Touch green play icon to start filter flush.
- It will take 7 mins. to flush the filter.





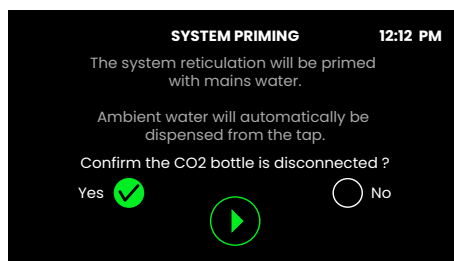
- Once the filter flush is finished, reconnect the limescale filter OUT hose to the Command Centre manifold.
- Touch the arrow to go to the next screen.



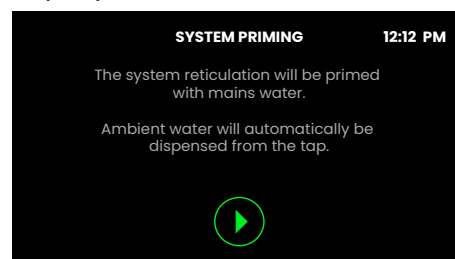
5.6 System priming (BCS, BC, BA, CS, C models)

- Read the on screen information.
- For sparkling models disconnect the CO₂ bottle or turn off the CO₂ regulator (see the User guide).
- Confirm on screen.
- Touch the run arrow to go to the next screen.

BCS CS

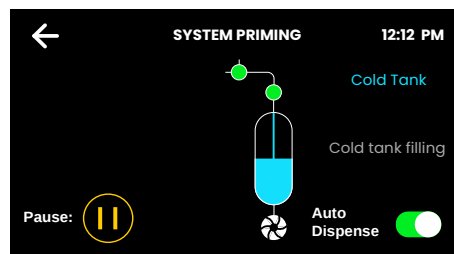


BC, BA, C

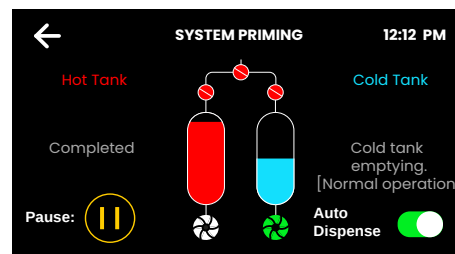


- Monitor the on screen information.

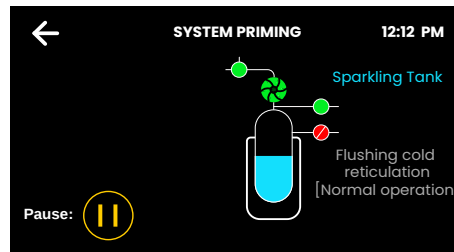
C



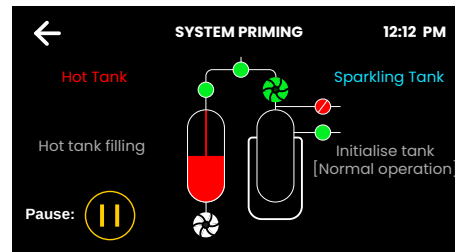
BC



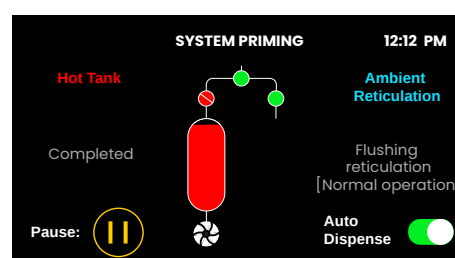
CS



BCS



BA



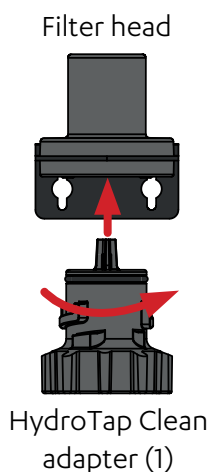
- **Note** if 'Font' has been selected on the drain away option (see section 5.4) and auto dispense is disabled on entry into this screen; the screen prompts the user to dispense using the tap during the process.

5.7 Cleaning preparation (BCS, BC, BA, CS, C models)

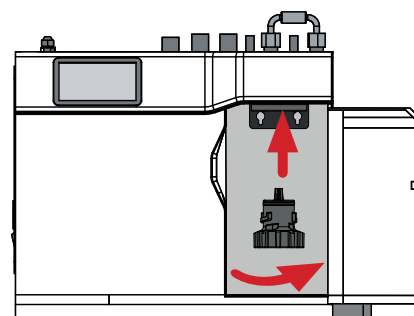
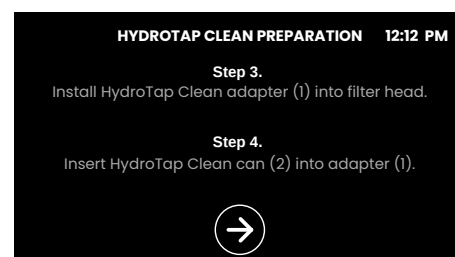
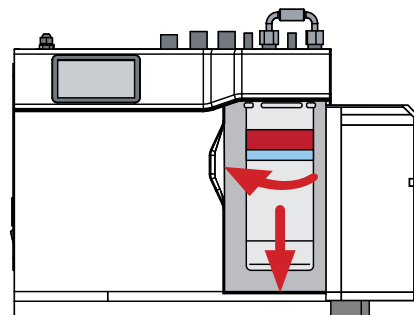
- Read the on screen information.

- Place a cloth under the filter.
- Remove the filter, refit the dust cap, and set aside in a clean environment.

- Check the adapter seal is present and correctly positioned in the adapter.
- Install the HydroTap Clean adapter (1) into the filter head.
- Turn the adapter a quarter turn to the right until it comes to a stop and locks.



- Remove the lid from the HydroTap Clean can (2).

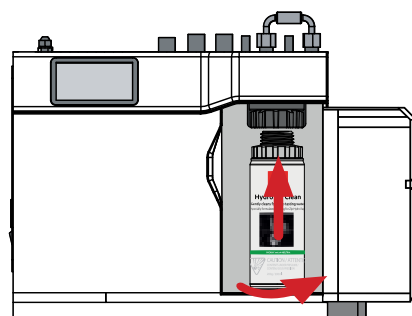


- Screw the HydroTap Clean can (2) into the adapter (already installed into the filter head).

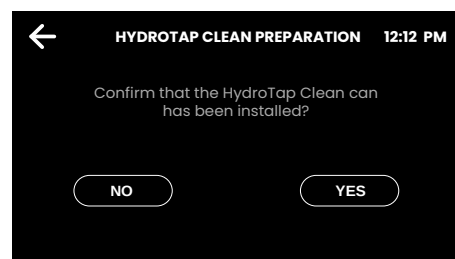
Filter head and HydroTap Clean adapter (1)



HydroTap Clean can (2)



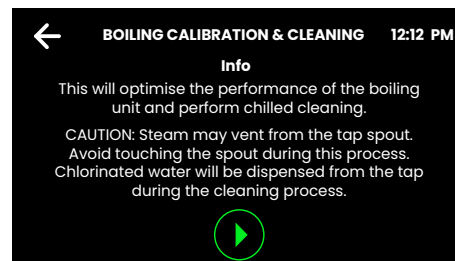
- Confirm installation of the HydroTap Clean can by selecting YES on the screen.



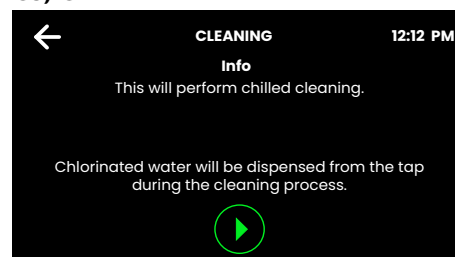
5.8 Boiling calibration and cleaning

- Read the on screen information.
- This screen differs for different water types:
- B, just boiling calibration.
- C, CS, just cleaning.
- BC, BCS, BA combined boiling calibration and cleaning.
- Touch the green arrow to run.

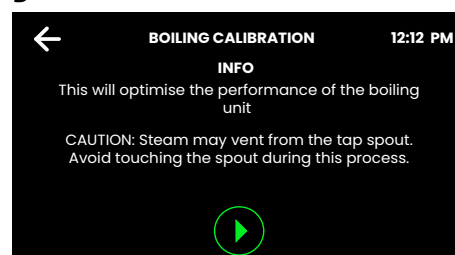
BCS, BC, BA



CS, C

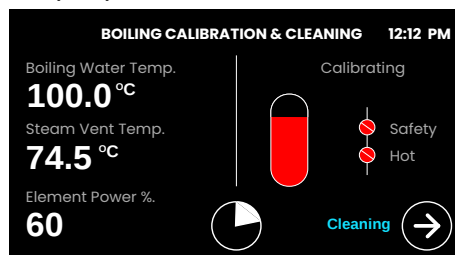


B

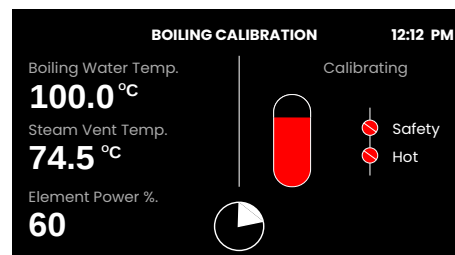


- Boiling calibration and cleaning process begins.
- Monitor the on screen information.
- Touch 'Cleaning' forward arrow to view screen of cleaning process.
- Note** If 'Cleaning' text is flashing there is a required action on that screen to perform (empty cold tank).

BCS, BC, BA

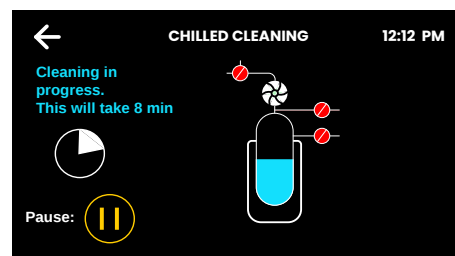
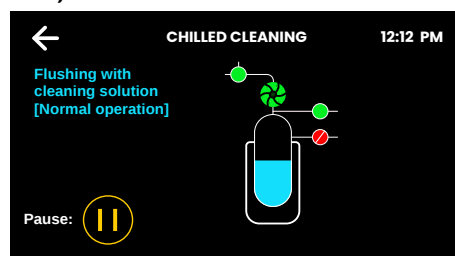


B

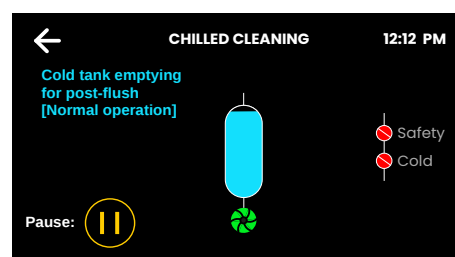
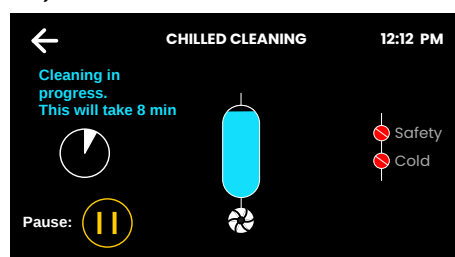


- Cleaning process begins.
- Monitor the on screen information.
- Note** This is automatic unless 'Font' was selected in the drain away option selection screen (see section 5.4). In this case a manual dispense action may be requested.

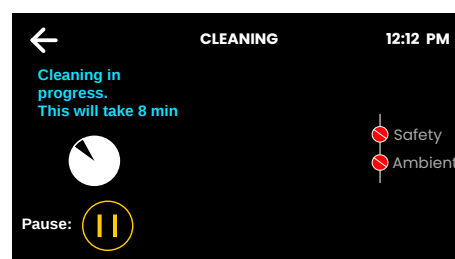
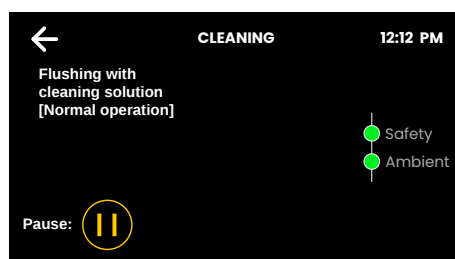
BCS, CS



BC,C

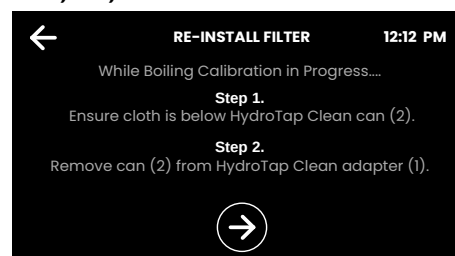


BA

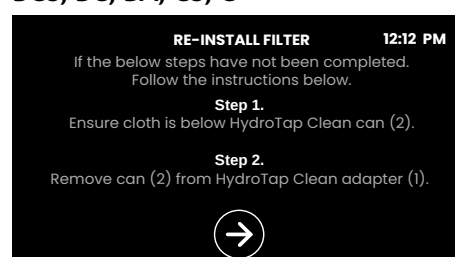


- Read the on screen information and instructions.
- Note** When the cleaning process completes there is an opportunity to re-install the filter while the boiling calibration is finishing.

BCS, BC, BA



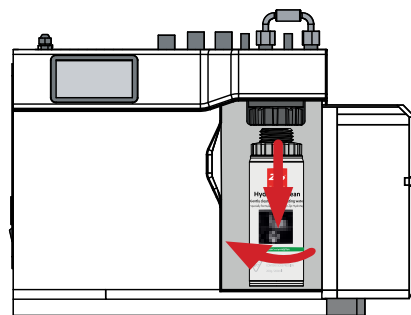
BCS, BC, BA, CS, C



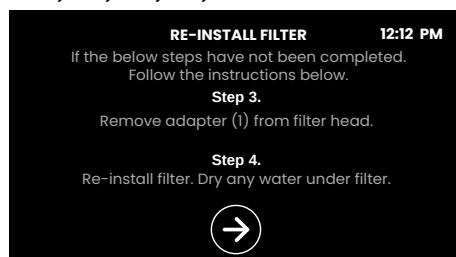
- This screen is shown after completion of the boiling calibration and or cleaning processes.

Section 5 Commissioning

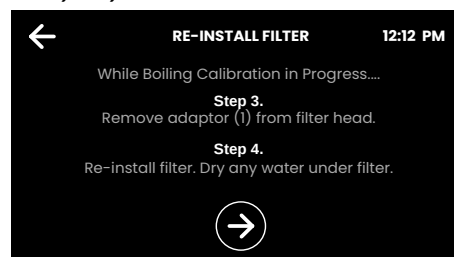
- Unscrew the HydroTap Clean can (2).
- Ensure to hold the adapter in place while unscrewing the can.



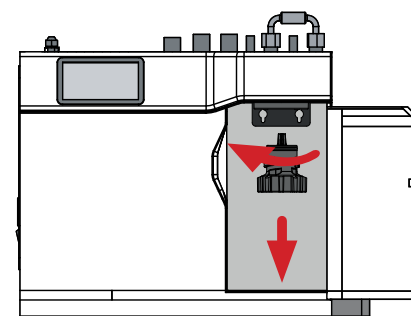
BCS, BC, BA, CS, C



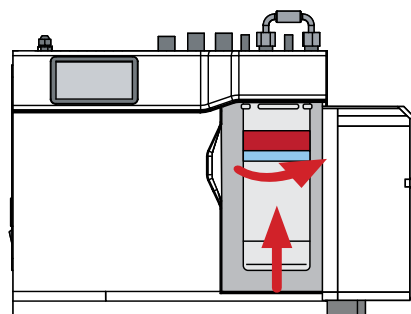
BCS, BC, BA



- Remove the HydroTap Clean adapter (1) from filter head.

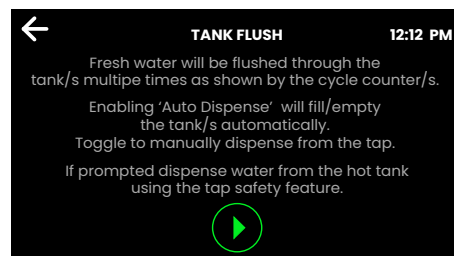


- Remove the dust cap and re-install the filter.
- Touch forward arrow on screen to continue.



5.9 Tank flush

- Read the on screen information and instructions.
- Touch the green arrow to run.

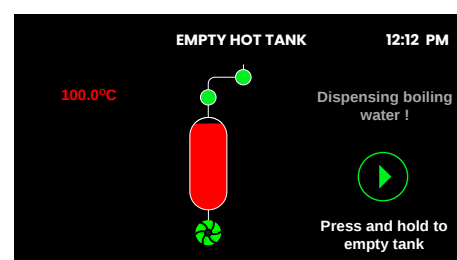
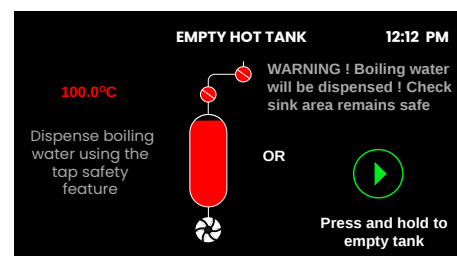
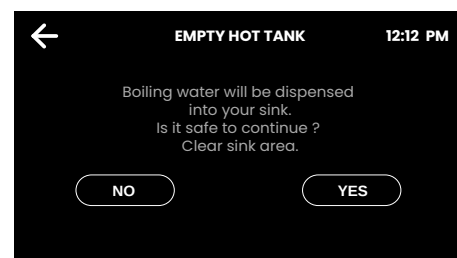


- Empty the hot tank first (boiling models).
- Select NO if it is not safe to continue.
- Select YES to continue safely.

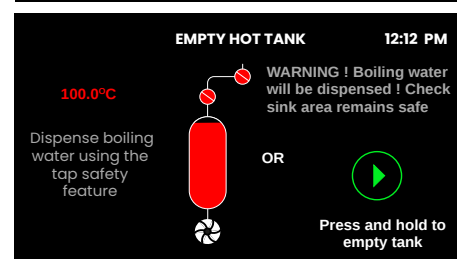
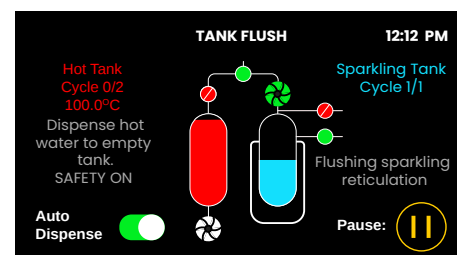


Section 5 Commissioning

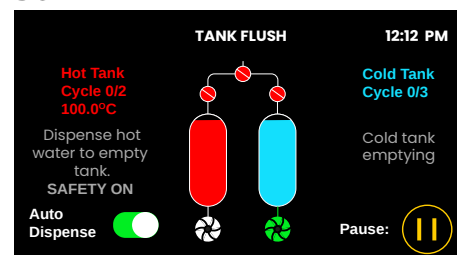
- If NO is selected (indicating that it is not safe to continue) the screen will prompt the user to clear the sink area.
- Once it is safe to continue select YES to empty the hot tank.
- There are two ways to empty the hot tank:
 - Dispense boiling water from the tap using the tap safety feature.
 - OR
 - Touch and **HOLD** the green run arrow icon to dispense directly from the touch screen display.
 - If choosing to dispense directly from the touch screen display, 'dispensing boiling water' text flashes on the screen while holding the button.
 - After the boiling tank is emptied the system progresses to the tank flush screen.
- **Note** For all models, the on screen cycle counter displays the number of remaining cycles in the tank flush process.
- Monitor the on screen information.
- For BCS models:
 - The hot tank will cycle twice.
 - The sparkling tank will cycle once on both the chilled and sparkling reticulation.
- **Note** For all boiling models, if after filling the hot tank during the tank flush process, the hot water temperature is still above 50°C the tank will need to be emptied again.
- Monitor the on screen information.
- For BC models :
 - The hot tank will cycle twice.
 - The cold tank will cycle three times.
- Monitor the on screen information.
- For BA models the hot tank will cycle twice.
- The ambient water will be flushed for 30 seconds.



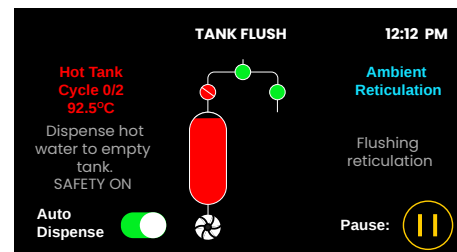
BCS



BC



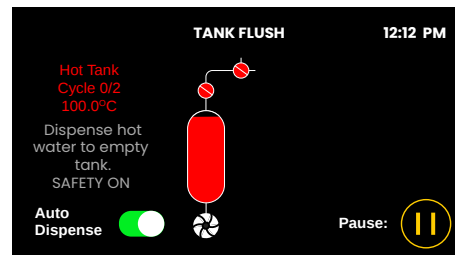
BA



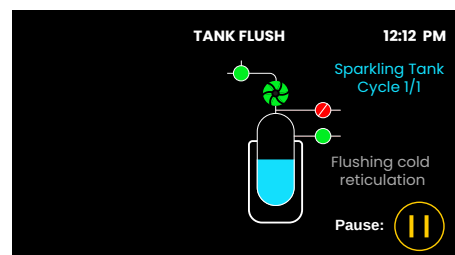
Section 5 Commissioning

- Monitor the on screen information.
- For B models the hot tank will cycle twice.

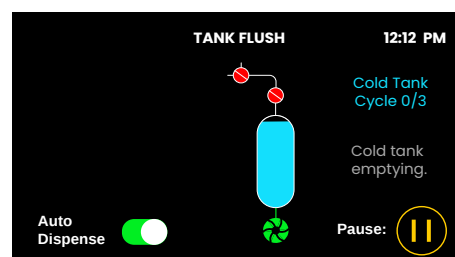
B



CS

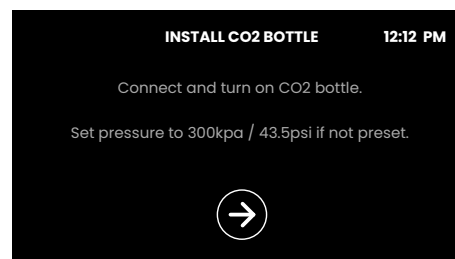


C

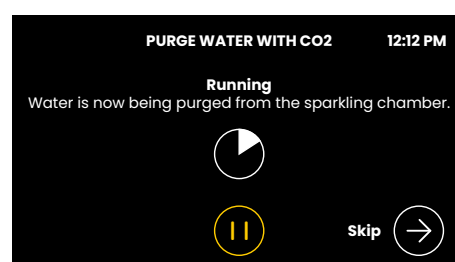
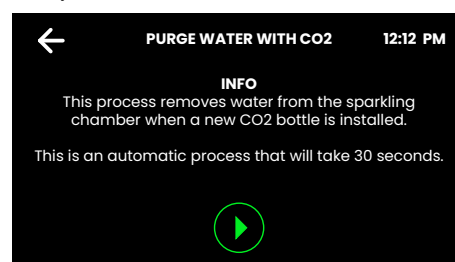


- Monitor the on screen information.
- For C models the cold tank will cycle three times.

- For BCS, CS models:
- Read the on screen information.
- Ensure that the CO₂ cylinder is connected and if supplied with an adjustable regulator, set to 3.0 bar (300kPa).



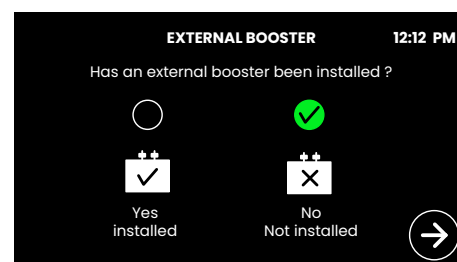
BCS, CS



- Touch the green arrow to run.
- CO₂ life settings should be adjusted for the size of the CO₂ bottle connected. (see the User guide or Online Installation and User guide).
- Use the skip arrow to end the CO₂ purge process prematurely if all water has been purged and only gas can be heard coming from the tap.

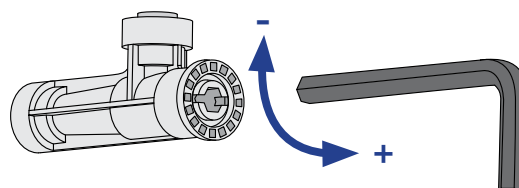
5.10 Select the booster

- Read the on screen instructions.
- Select the appropriate option.
- BCS, BC, BA, B: 100 & 30 models select Booster installed.
- All other models, Booster not installed.



5.11 Carbonation valve adjustment (Sparkling models only)

- Use a 6mm Allen key or a large flat-blade screwdriver to adjust the valve.
- Rotate the adjustment screw anti-clockwise to increase, and clockwise to decrease the flow.
- To measure the set flow rate, use a measuring jug or cup and run the sparkling water for 15 seconds.
- The HydroTap has a default 15 second dispense time, which will help in your flow rate setup.
- Multiply the amount of water dispensed in 15 seconds by 4 to determine the flow rate in litres per minute.
- The optimum flow rate is 1.6 litres per minute (400ml per 15 seconds).
- If the flow rate is adjusted too high, the carbonation tank will be emptied of water, leaving only CO₂ to be dispensed from the tap. This will result in inconsistent flow (spluttering).

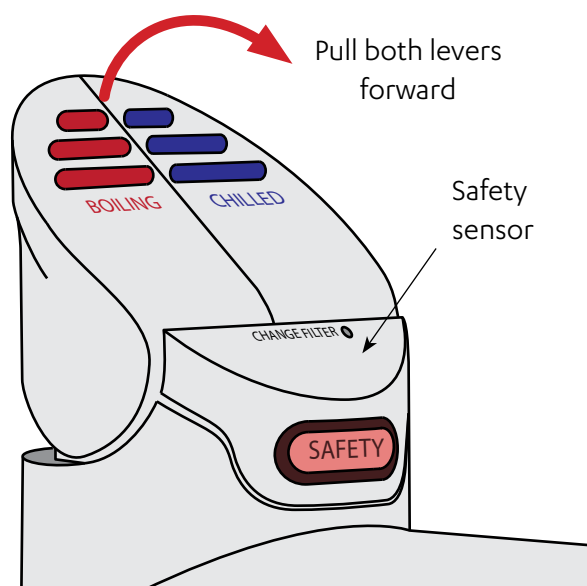


5.12 Safety sensor calibration (Classic boiling models only)

Optional, in cases where light recalibration is required.

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 sunlight must be shaded from the HydroTap G5, during the calibration. This can be achieved by closing any nearby curtains, blinds, etc.

- Shield the HydroTap G5 from direct sunlight.
- In normal operating mode. Turn the power off.
- Pull both tap levers to the forward position.
- Turn the power on.
- The safety sensor will calibrate.
- Return the levers to the neutral position.



6.1 Service items

- Filters should be replaced at six month intervals for Commercial HydroTaps, and 12 month intervals for Residential HydroTaps.
- CO₂ regulator washers should be replaced annually.

6.2 Trouble shooting table

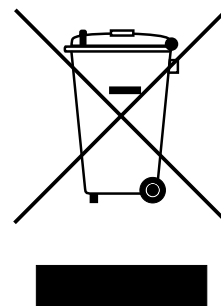
Fault code	Fault name	Fault trigger
000	Power Board Fault	Internal communication fault
001	Interface Fault	Internal communication fault
004	Water Leak, Isolate Mains	Water detected in the unit due to tank overfill or internal / external leakage.
005	Compressor OverRun	Compressor has been running continuously for an extended time period
006	Water Supply Failure	Water not detected by unit
007	Hot Sensor Open	Internal sensor fault
008	Hot Sensor Closed	Internal sensor fault
009	Cold Sensor Open	Internal sensor fault
010	Cold Sensor Closed	Internal sensor fault
011	Flood Sensor Open	Internal sensor fault
012	Condenser Sensor Closed	Internal sensor fault
013	Condenser Sensor Open	Internal sensor fault
014	Heater Fuse/Driver Fault	Internal component fault
015	Heater Driver Fault	Internal component fault
016	Compr Driver Fault	Internal component fault
017	Hot Sensor Degraded	Internal sensor fault
018	Condenser Overtemp	Temperature of condenser has exceeded its limit
019	A DC Pump is faulty	Internal component fault
020	Steam too cool	Boiling calibration error
021	Steam Sensor Open	Internal sensor fault
022	Steam Sensor Closed	Internal sensor fault
023	Over Steamed	Excess steam detected
024	Hot Tank Overfilled	Hot tank has over filled
025	Comp Fuse/Driver Fault	Internal component fault
027	Boil dry protection	Heating protection device has activated
030	Hot Tank Time Out	Hot tank is taking too long to fill during the tank flush step
031	Cold Tank Time Out	Cold tank is taking too long to fill during the tank flush step
053	UV Not Present	UV disinfector not plugged in
054	UV Over Temp	UV disinfector is overheating
055	UV Under Current	No power detected from UV disinfector
056	UV Over Current	UV disinfector drawing too much current
057	UV Comms Error	Internal communication fault

- Call Zip for Advice and assistance (see contact details page [137](#)).

Waste electrical and electronic equipment

The symbol above means that according to United Kingdom and European Union member countries laws and regulations, your product and /or its battery shall be disposed of separately from household waste.

When this product reaches its end of life, take it to a collection point designated by local authorities. The separate collection and recycling of your product and /or its battery at the time of disposal will help conserve natural resources and ensure that it is recycled in a manner that protects human health and the environment.



User Guide

Zip HydroTap® G5



Models :
All G5 systems



Section 1 Safety

Explanation of symbols126

Before you start126

Section 2 Using the HydroTap G5

HydroTap range styles.....127

Classic Plus and Elite Plus HydroTap128

Touch-Free Wave HydroTap129

Arc, Arc Plus , Cube, Cube Plus and Celsius HydroTaps.....131

Celsius Plus All-In-One & Pull-Out HydroTaps132

Classic HydroTap.....134

Mixer Taps135

Section 3 Command Centre Screen

Section 3.1 How to use the Command Centre screen136

Section 3.2 Screen guide136

Section 3.3 OFF screen137

Section 3.4 Home screen137

Section 3.5 Main menu139

Section 3.6 General settings menu (Language, Date/time, Network)140

Section 3.7 System settings menu141

Section 3.7.1 Filter & flush142

Section 3.7.2 Temperature.....147

Section 3.7.3 CO₂149

Section 3.7.4 Dispense times.....151

Section 3.7.5 Light sensor151

Section 3.7.6 Quiet mode152

Section 3.7.7 Advanced settings153

Section 3.7.8 System restart155

Section 3.8 Safety and security (Boiling safety, Passcode protect)155

Section 3.9 Energy saving (Sleep mode, On/off timer, Energy use)157

Section 3.10 Info & logs (Filter logs, System faults, About system)160

Section 3.11 Product serial number160

Section 3.12 Register product161

Section 3.13 Service Technician.....161

Section 4 User maintenance

Section 4.1 Filter maintenance162

Section 4.1.1 Internal filter change163

Section 4.1.2 Air inlet filter164

Section 4.2 Cleaning.....164

Section 4.3 The CO₂ cylinder & regulator (Identifying the components, Changing the cylinders)....165**Contact Us**

Contact details169

Explanation of symbols



Read the instructions



WARNING



DANGER
Electric shock



DANGER
Hot surface

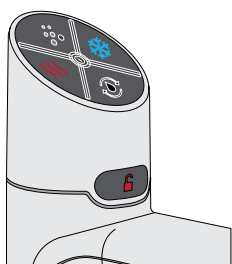
Before you start



Read the **IMPORTANT SAFETY INSTRUCTIONS & WARNINGS AND REGULATORY INFORMATION** at the start of this document.

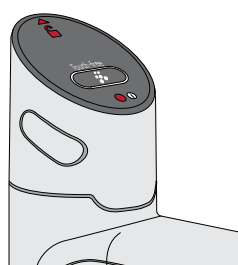


Read and use the instructions and safety information supplied with individual kit components for a safe installation.



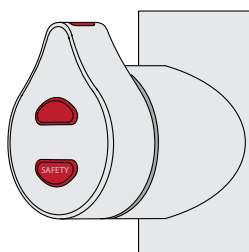
Classic Plus, Elite Plus

See page [128](#)



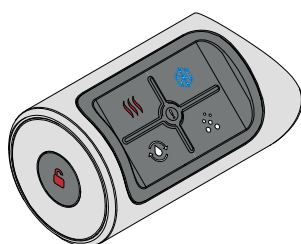
Touch-Free Wave

See page [129](#)



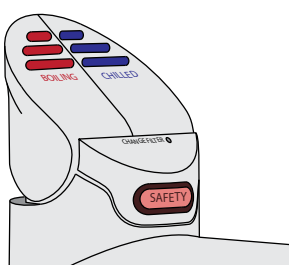
Arc Plus, Cube Plus and Celsius

See page [131](#)



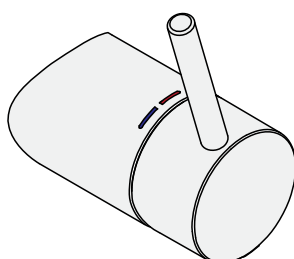
Celsius Plus All-In-One & Pull-Out

See page [132](#)



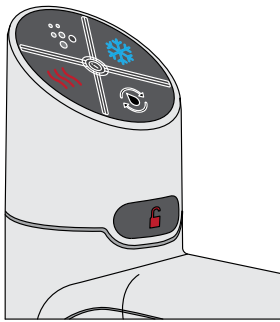
Classic

See page [134](#)



HydroTap Mixer Taps

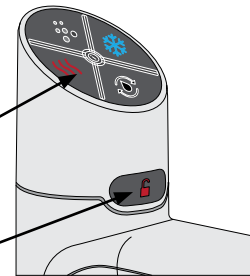
See page [135](#)



Controls Press to dispense

Simply press to dispense chosen water type

Safety lock



Lights



FLASHING

Change filter or CO₂.



ON

Safety lock on.

OFF

Safety lock off.



ON

Ready to dispenser.

FLASHING SLOWLY

Water temperature is not at set point.

FLASHING QUICKLY

System fault.

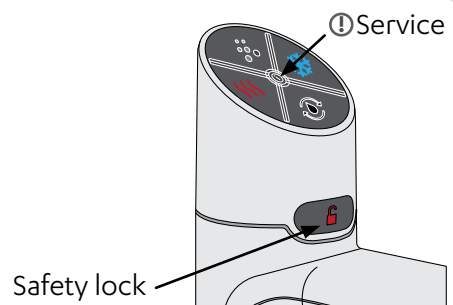


ON

Bottle fill enabled

FLASHING

Activated,
(press water choice)



Dispense options



Press the icons to dispense water choice.



+



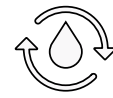
Boiling



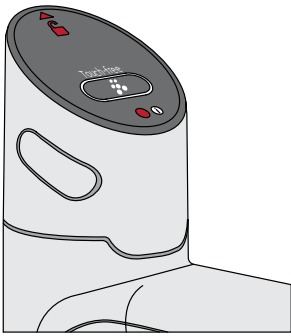
Chilled



Sparkling



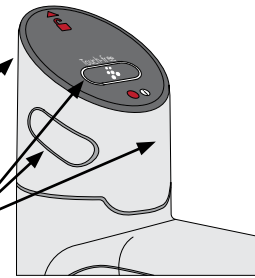
Bottle fill
(then press
water
choice)



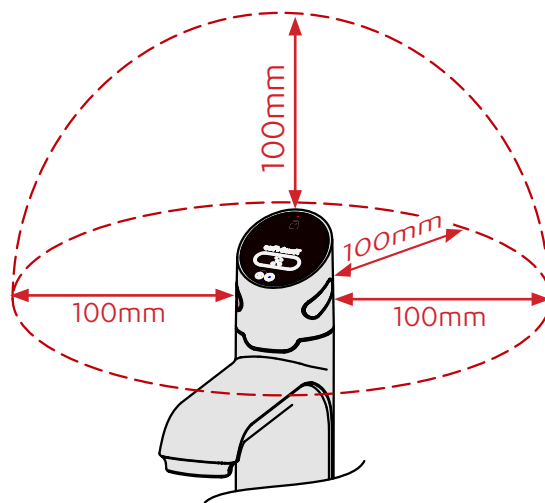
Controls Touch-free sensors on the tap top, back and sides.



Safety sensor
(at back)
Dispense
sensors



Clearance requirements



Lights - Light modes

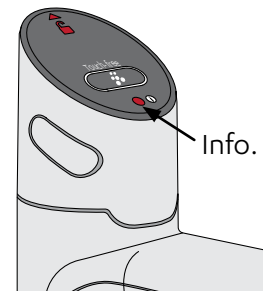


RED Boiling & safety sensors activated, water dispensed.

BLUE Chilled sensor activated, water dispensed.

WHITE Sparkling sensor activated, water dispensed.

PURPLE Lock mode on (when tap is idle).



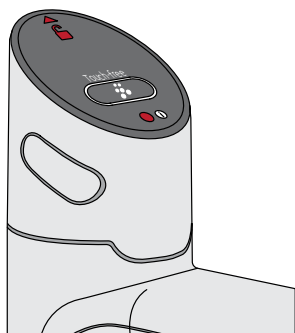
Flashing RED Sensor activated incorrectly; hand may be too close to sensor, sensor has been touched or covered.

WHITE / BLUE / RED Cycling 5 to 10 seconds

Filter needs replacing, CO₂ warning (G5), unit is in an error mode (refer to Command Centre screen).

WHITE Flashing rapidly

Sensors are calibrating for 10 seconds when power is first applied to the tap.



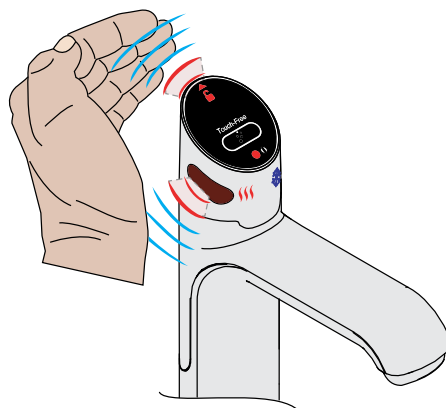
Dispense options



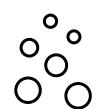
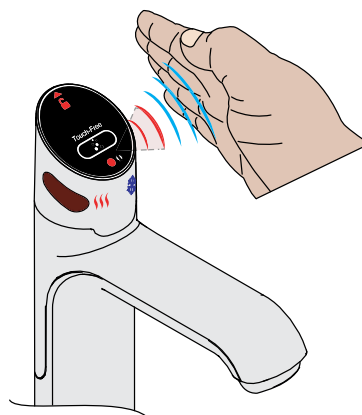
Sensor range 1 - 4cm.

To dispense, hold hand within range of the sensors. The tap will not operate if the sensors are touched.

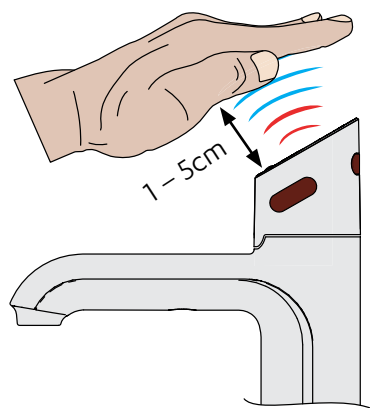
Tap will not operate and light will flash if sensors are touched or if your hand is too close.



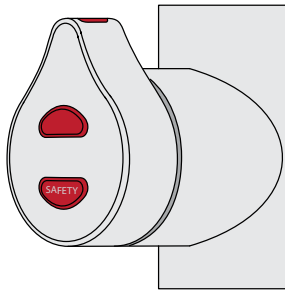
Side + Rear sensor:
Bottle fill
(timed dispense)



Top + Rear sensor:
Bottle fill
(timed dispense)



Note Touch-Free Wave will not function below 10°C.



Controls

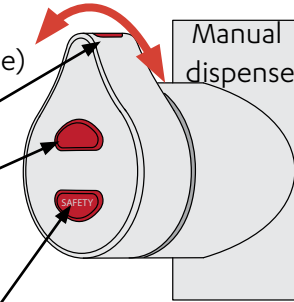
Bottle fill
(timed dispense)

Manual
dispense

Indicator displays
system status.

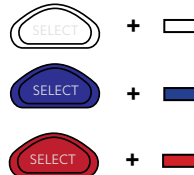
Select touch to
select water type.

Safety When safety lock is on, touch twice to
flash. Turn to dispense boiling water.



Lights

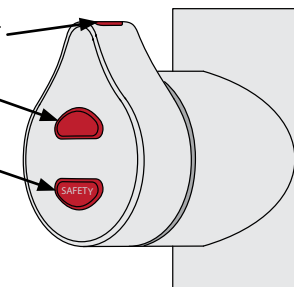
Light modes



Indicator

Select

Safety



ON

Ready to dispense.

SINGLE COLOUR FLASHING SLOWLY

Water temperature not at set point.

SINGLE COLOUR FLASHING QUICKLY

System fault, refer to Command Centre LCD.



ALL LIGHTS FLASH EVERY 10 SECONDS

Filter change due.



**SAFETY
LOCK ON**

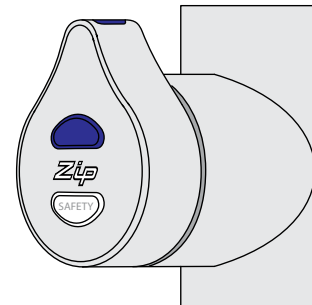
Dispense options

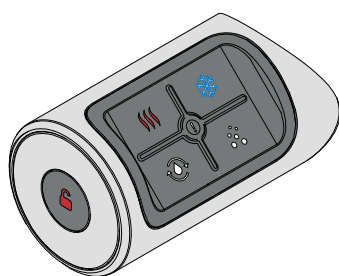


SELECT Boiling

SELECT Chilled

SELECT Sparkling

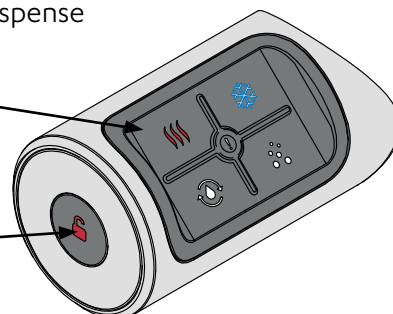




Controls press & hold to dispense

Press & hold the relevant symbol to dispense chosen water type.

Safety lock



Safety Touch twice to flash.
Touch  to dispense boiling water.

Lights



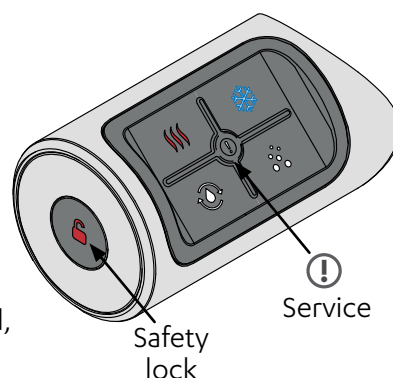
FLASHING
Change filter or CO₂.



Light ON Safety lock enabled,
(double tap to deactivate).



ON
Ready to dispense.
FLASHING SLOWLY
Water temperature not at set point.
FLASHING QUICKLY
System fault.



Service



ON
Bottle fill enabled
FLASHING
Activated, (press water choice)

Dispense options



Press the icons to dispense water choice.



+



Boiling



Chilled

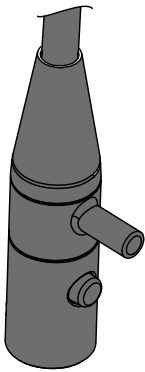


Sparkling



Bottle fill

Press water choice briefly for a timed dispense, (see page [151](#))

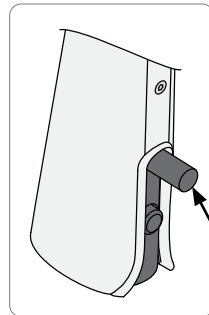


Spray hose Pull-Out the spray nozzle with its integral handle. Use the mixer control to dispense, see page [135](#).

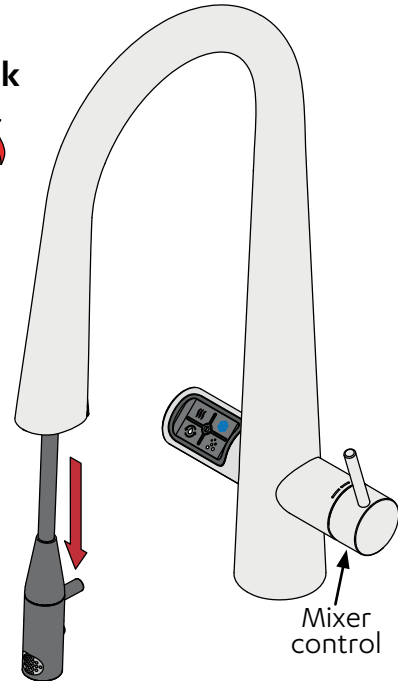


Spray safety lock

The boiling water icon  turns off when the spray hose is pulled out indicating that boiling water cannot be dispensed.

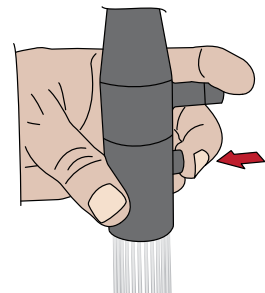


Spray nozzle handle



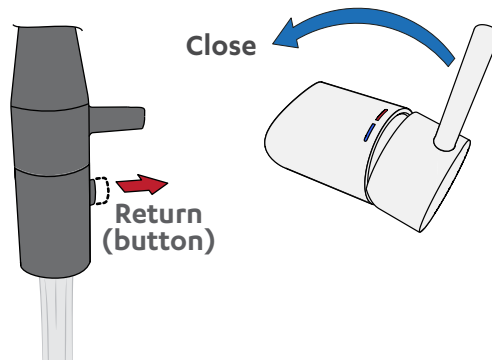
Mixer control

Spray function Press the spray button to change the water flow from an aerated stream to a spray. The button will remain pressed during the spray mode.



Return to Aerated stream

Close off the mixer control for the button to return to normal position, then open the mixer control again for aerated water stream.

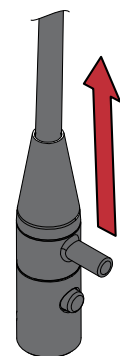


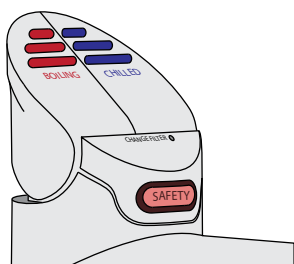
Close

Return (button)

Self-return

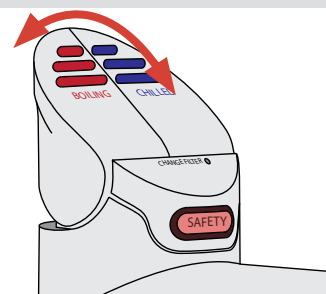
The spray hose has a controlled self-return for ease of use.





Controls

Push for manual dispense.
Pull for bottle fill
(timed dispense).



Lights

Boiling ready
Chilled / sparkling ready

Light modes



ON active

OFF inactive



ON

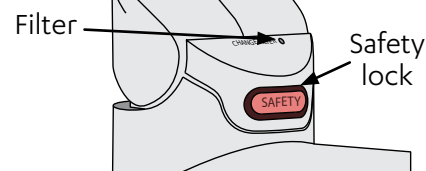
Ready to dispense.

FLASHING SLOWLY

Water temperature is not at set point.

FLASHING QUICKLY

System fault.



○ FILTER

• OFF

Filter within lifespan.

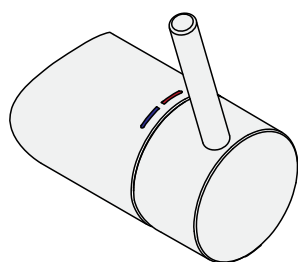
• **FLASHING SLOWLY**
Change filter.

Dispense options



Use boiling, chilled, sparkling,
or ambient lever to dispense
your water choice.

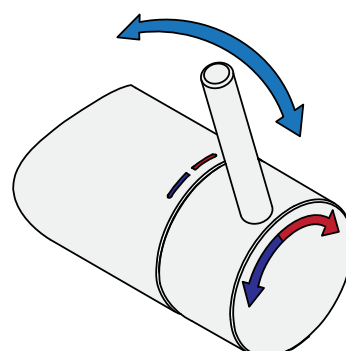




Controls mixed water

- Hot
- Cold

Turn and rotate the lever to dispense mixed warm water.



3.1 How to use the Command Centre screen

- The Command Centre has a colour touch screen liquid crystal display.
- The display consists of icons, buttons and fields which can be changed by simply touching the buttons and icons.

3.2 Screen guide

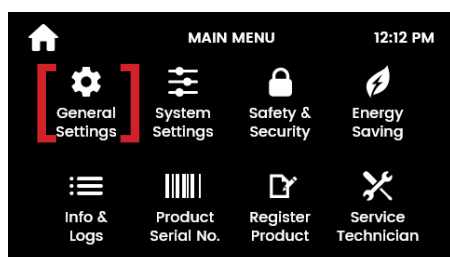
- The display consists of over 150 individual menus and screens.
- Navigate to the required screen on this side of the page, here's an example :

Set the language

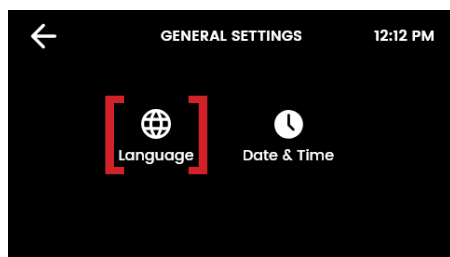
- Touch the 'top left' icon to navigate to the main menu.



- Then touch the general settings icon to navigate to the general settings menu.



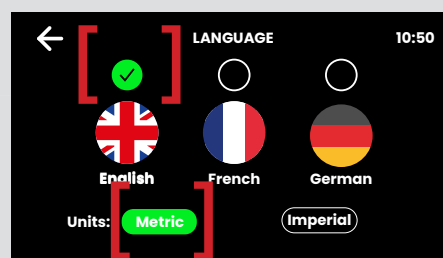
- Touch the language icon to navigate to the language screen.



- The settings are made on this side of the page.

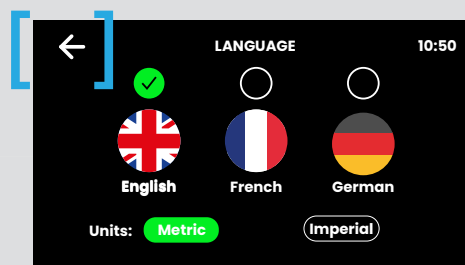
Language Set the language

- Touch the relevant language icon to select the language.
- Touch the metric or imperial icon to select the units.

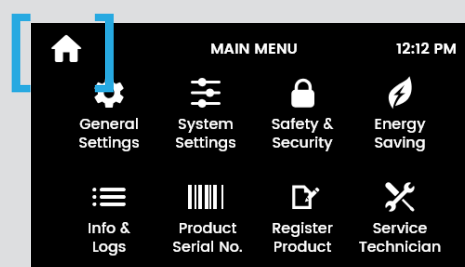


- Tips and guidance are written on both sides of the page to help you navigate and understand the options.

- To go back.



- To go to the home screen.



3.3 OFF screen

- Touch the power button to turn the Command Centre ON or OFF.
- The LCD screen visually shows OFF when it is non-operational.
- You will hear the sound of an internal “click” as the HydroTap Command Centre turns ON or OFF.

3.4 Home screen

Status screens shown here are representative and may vary.

- Use the home screen to monitor the status of your HydroTap.
- Touch each icon to view the system status.
- The screen turns OFF after 5 minutes of non-use.
- Touch the screen to reactivate.



OFF screen



Home screen

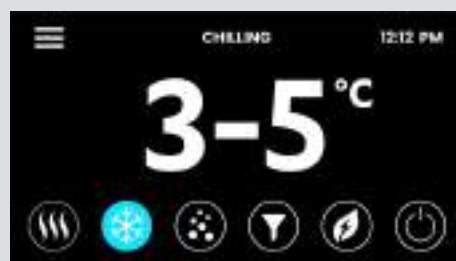
Boiling temperature set point

Boiling models

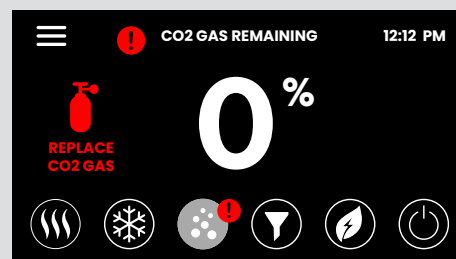
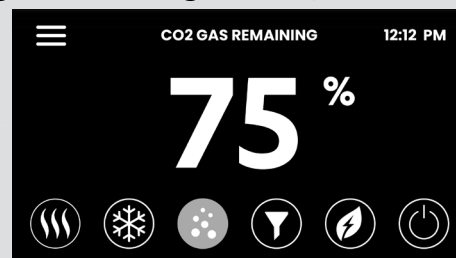


Chilled temperature set point

Chilled models



CO₂ gas remaining Sparkling models

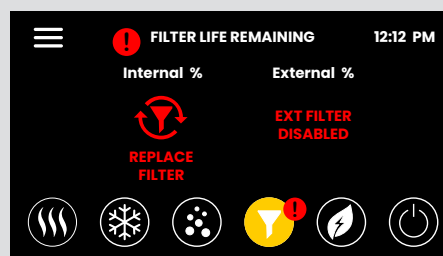
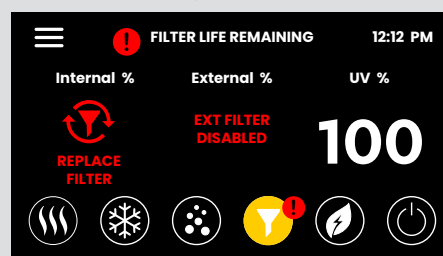


- When the CO₂ cylinder has approximately 20% remaining prepare a replacement cylinder.

3.4 Home screen continued

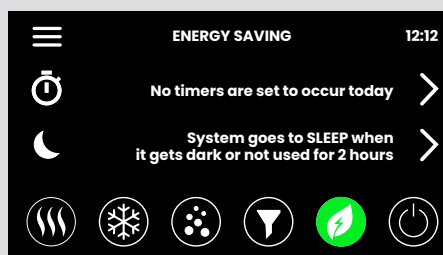
- A warning icon illuminated when the filter needs to be replaced. See page [162](#).

Filter life remaining



Models without UltraCare

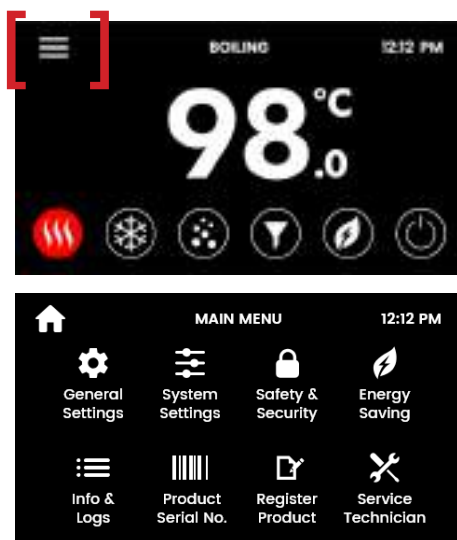
Energy saving settings



- Navigate the screen icons, buttons and fields to set up energy saving features, Energy saving menu , see page [157](#).

3.5 Main menu

Use the Main menu to configure your HydroTap and access features and settings. Touch each icon to access further options.



3.6 General settings

see page [140](#)

Language.
Date & time.
Network.

3.7 System settings

see page [141](#)

Filter.
Temperature.
CO₂.
Dispense time.
Light sensor.
Quiet mode.
Advanced settings.
System reset.

3.8 Safety & security

see page [155](#)

Boiling safety.
Password protect.

3.9 Energy saving

see page [157](#)

Sleep mode.
ON OFF timer.
Energy Use.

3.10 Info & logs

see page [160](#)

Filter logs.
System faults.
About system.

3.11 Product serial number

see page [160](#)

3.12 Register product

see page [161](#)

QR code to sign up for
HydroCare.

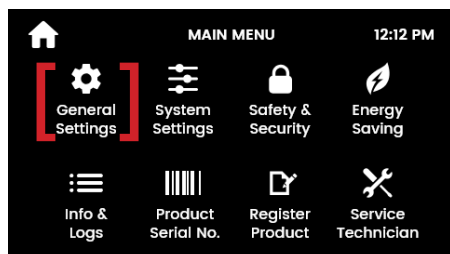
3.13 Service Technician

see page [161](#)

For certified technician to use
only (password required).

3.6 General settings

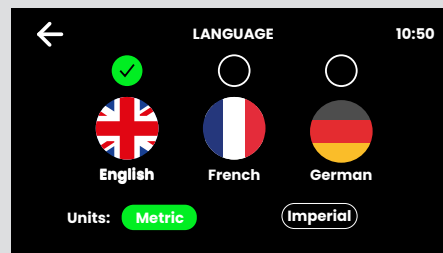
Use the Main menu to configure your HydroTap to access features and settings.



Network

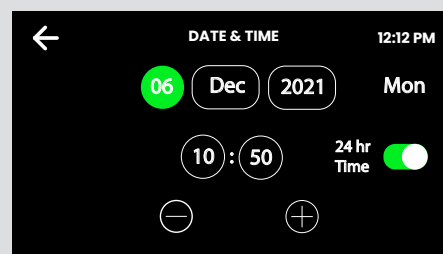
Connect to Wi Fi (selected models)

Language Set the language

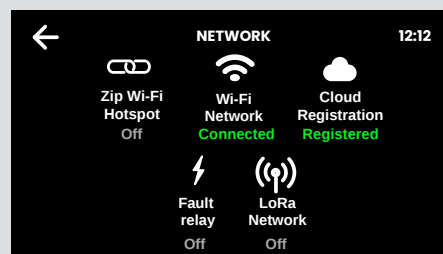


- Touch the relevant language icon to select the language.
- Touch the metric or imperial icon to select the units.

Date and time Set the date and time

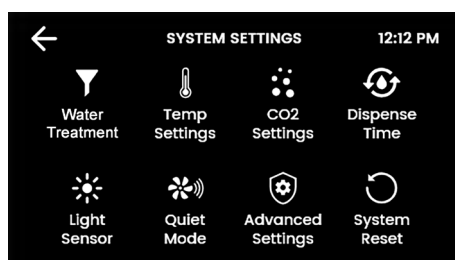
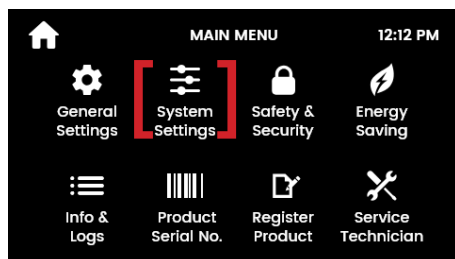


Network



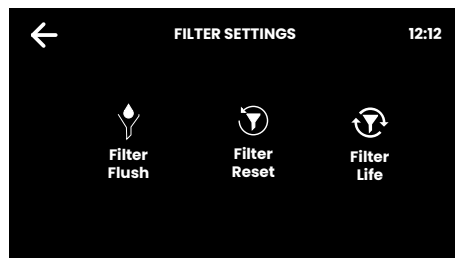
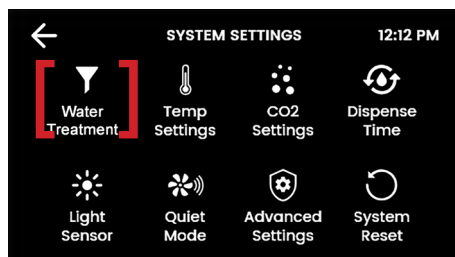
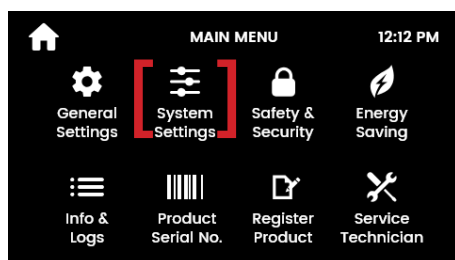
3.7 System settings menu

Configure your HydroTap to suit your needs.
Navigate to system settings screen for all system settings.

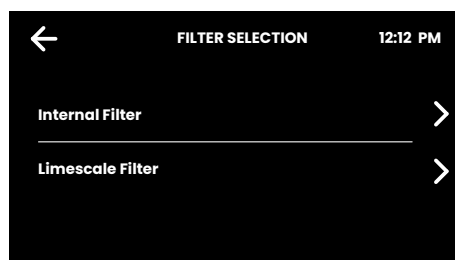


3.7.1 Filter & flush	See page 142
3.7.2 Temperature	See page 147
3.7.3 CO ₂	See page 149
3.7.4 Dispense time	See page 151
3.7.5 Light sensor	See page 151
3.7.6 Quiet mode	See page 152
3.7.7 Advanced	See page 153
3.7.8 System restart	See page 155

3.7.1 Filter settings



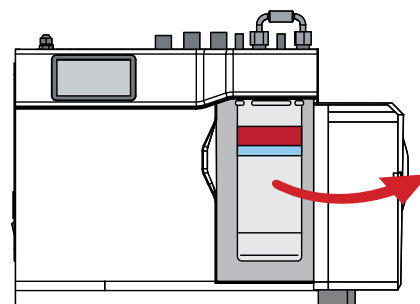
Select the filter on-screen (limescale flush for UK market only).



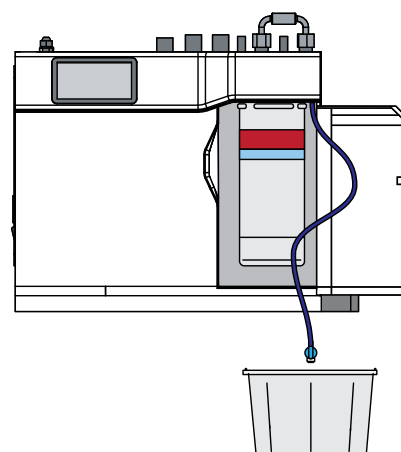
- Follow the steps on-screen to flush the filter.
- Place a cloth or towel under the filter cartridge to catch any water that may spill.
- Open the stop cock valve.
- Once the filter flush is finished, close the stop cock valve.
- Wipe up any spills.
- Close the door to secure the appliance.
- Reset the filter counter.

Filter flush - Internal filter

- Use Filter Flush during commissioning of a new installation, and after every filter change. see page [162](#) for filter change instructions.

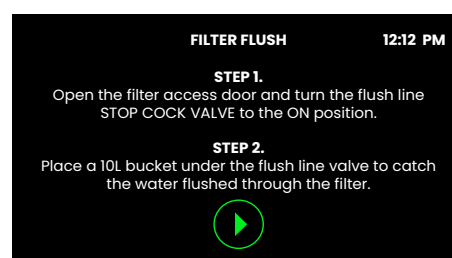
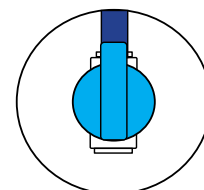


- Open filter door.



- Uncoil flush line.
- Direct flush line into bucket.

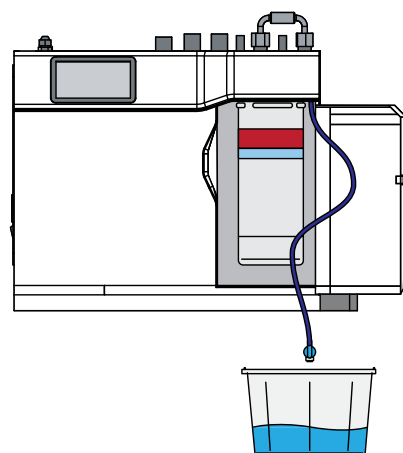
- Open stop cock valve, shown open adjacent.



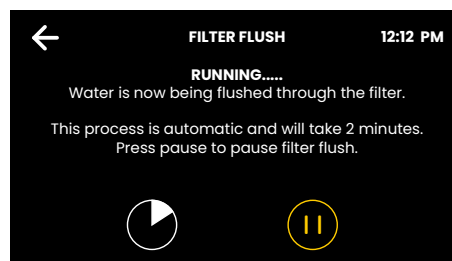
- Start filter flush.

3.7.1 Filter settings

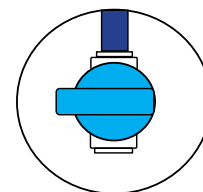
Filter flush continued



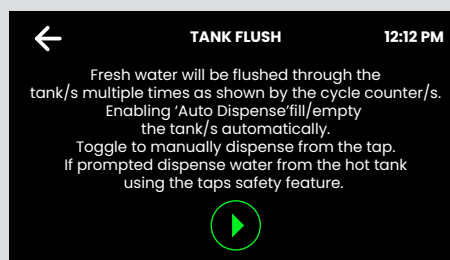
- Flush 10 litres through.



- Stop flush , coil up flush line, close stop cock valve.
- Stop cock valve closed.
- Return flush line to filter compartment & close door.
- Reset the filter counter (see page [146](#)).



Tank flush



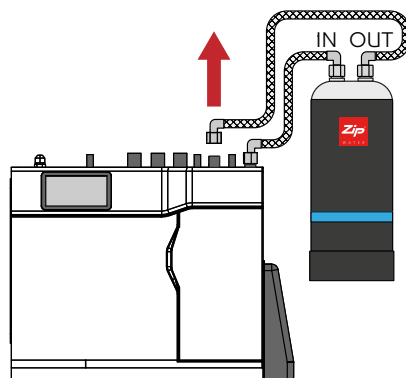
- Tank flush
- For detailed tank flush instructions, see Section 5 Commissioning page [110](#).

Limescale (external) filter flush

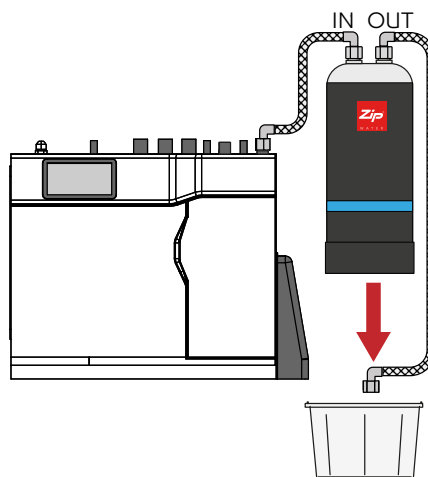
(UK market only)

Filter flush

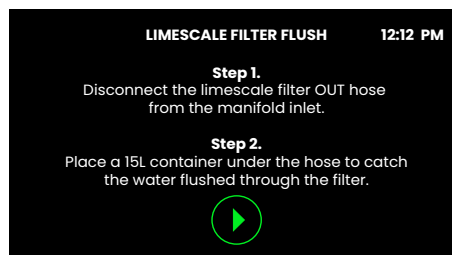
- Use Filter flush during commissioning of a new installation, and after every filter change.
- See instructions supplied with the limescale (external) filter for filter change instructions.



- Disconnect the limescale (external) filter OUT hose from the Command Centre manifold.

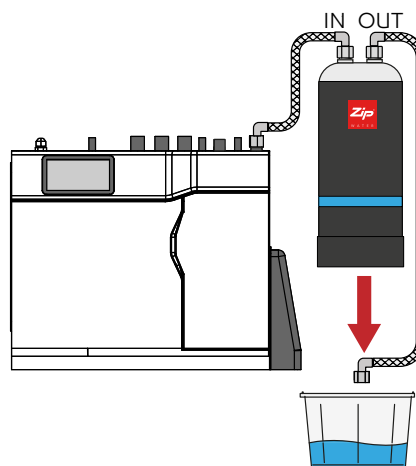


- Direct it into a sink or suitable container.

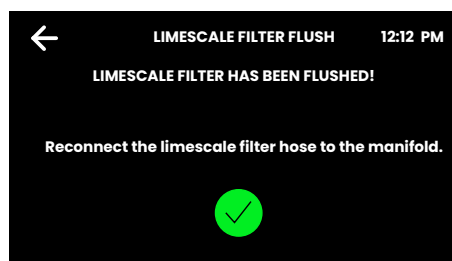
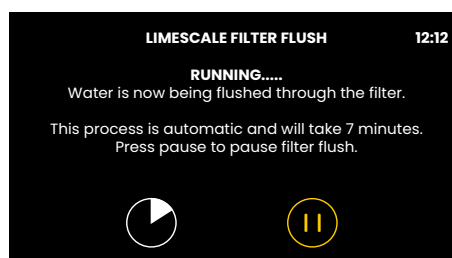


- Touch green play icon to start filter flush.

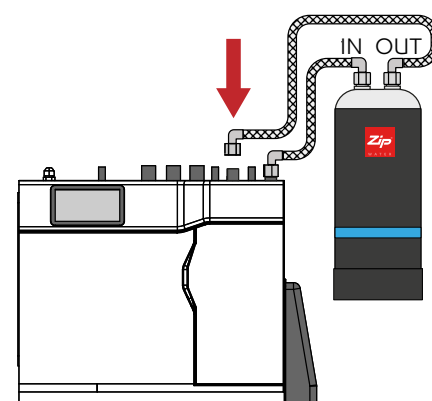
Limescale (external) filter flush cont. (UK market only)



- Water will flow, for 7 minutes.



- The screen will show the filter has been flushed.



- Once the filter flush is finished, reconnect the limescale (external) filter OUT hose to the Command Centre manifold.

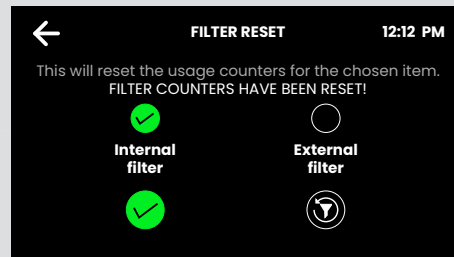
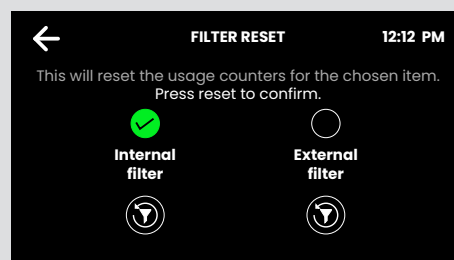
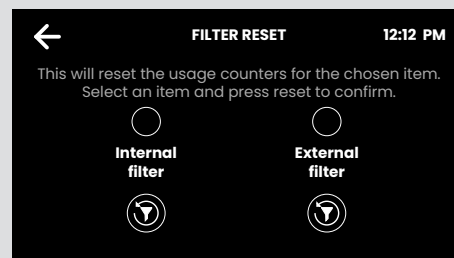
- Reset the limescale (external) filter counter (see page [146](#)).

3.7.1 Filter settings

- Press upper internal or external filter button.
- Press lower button to confirm.

Filter Reset

- Reset the filter counters after filter replacement and flush.



Filter Life

Internal filter

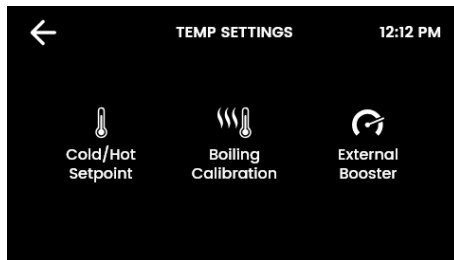
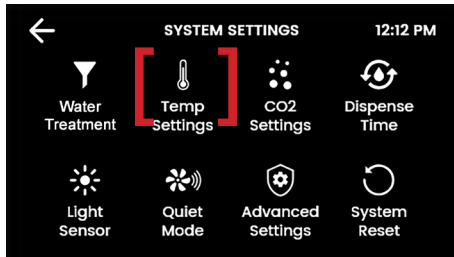
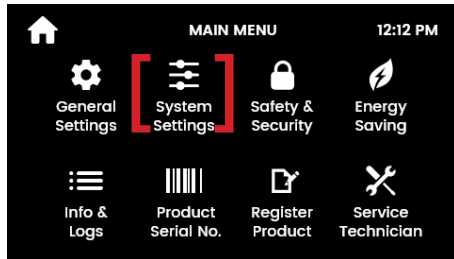


External filter



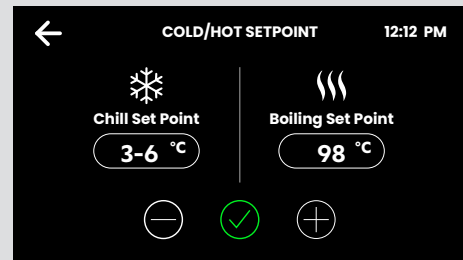
- Select internal/external filter and edit the filter life (months or litres) and actual usage (days or litres).
- When usage exceeds the filter life, the tap lights and screen will indicate to change the water filter.
- Default filter life settings:
12 months, 4000L (residential);
6 months, 6000L (commercial).

3.7.2 Temperature settings



Boiling / Chilled set point

- Adjust as required.



Chilled models

- Default set point: 5-9°C Commercial, 6-10°C Residential.
- Scroll to select alternatives.

Sparkling models

- Default set point: 3-6°C Commercial, 3-7°C Residential.
- This set temperature is fixed, for sparkling optimisation.

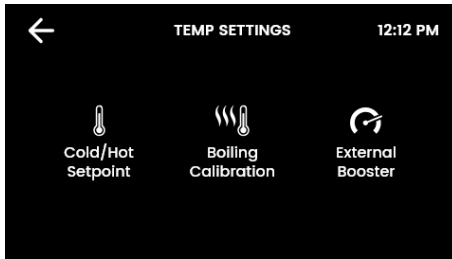
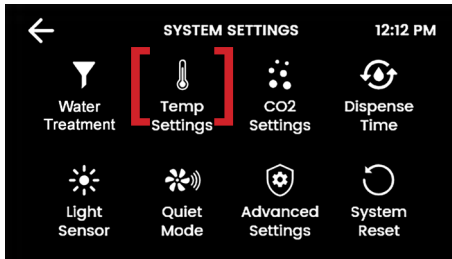
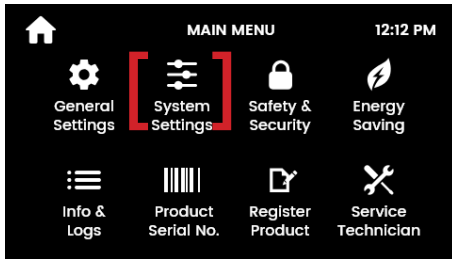
Boiling models

- Default set point: 98°C Set point range: 68-100°C.
- Operation: Within 1-2°C of set point.
- Note** Boiling water delivery rate will be affected with a higher temperature setting. Up to 6% less energy in standby is consumed with a 98°C set point, rather than 100°C.



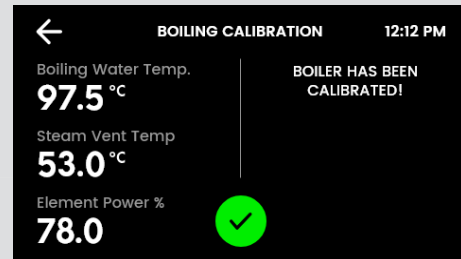
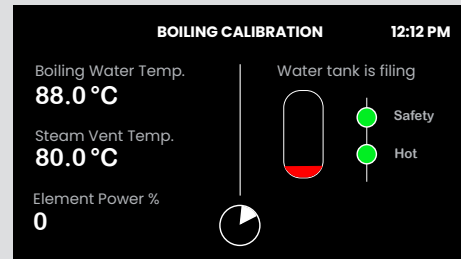
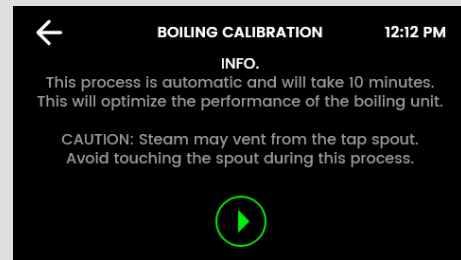
- A warning icon will appear when setting boiling set point temperatures that are subject to pump cavitation.

3.7.2 Temperature settings continued



- For selected commercial Boiling models, an external booster is supplied or may be purchased as an upgrade to increase Boiling capacity.

Boiling calibration



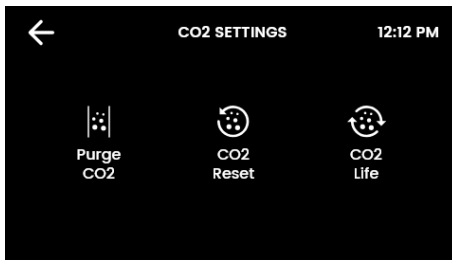
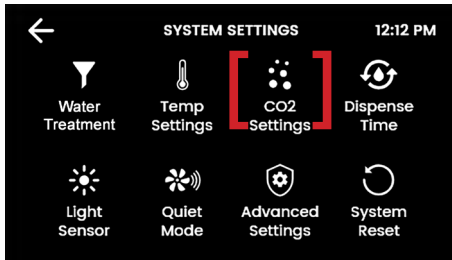
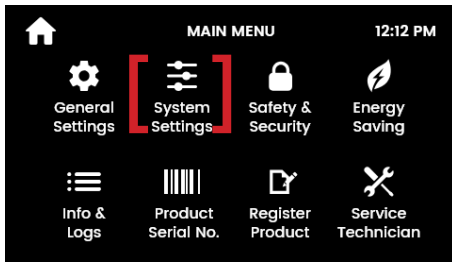
- Take care during boiling calibration as hot steam may vent from the tap spout.
- On start-up, the HydroTap self-calibrates or go to this menu to recalibrate..
- Calibration will take around 10 minutes.

External booster

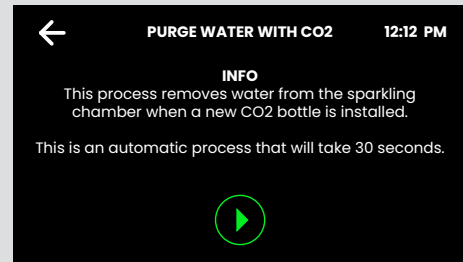
- Ensure the correct selection is made, for optimum performance.



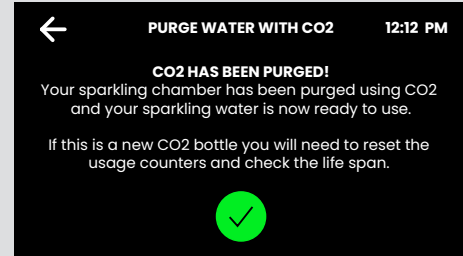
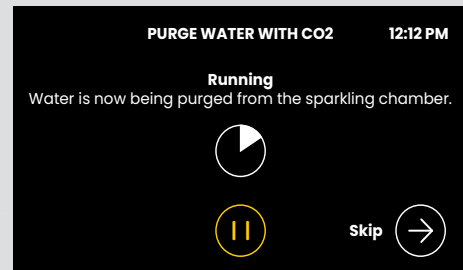
3.7.3 CO₂ settings



Purge CO₂

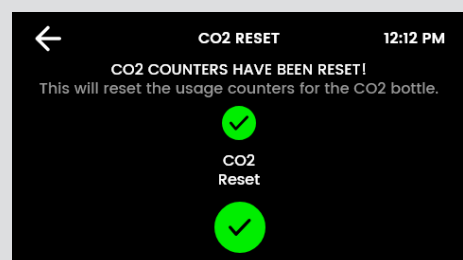
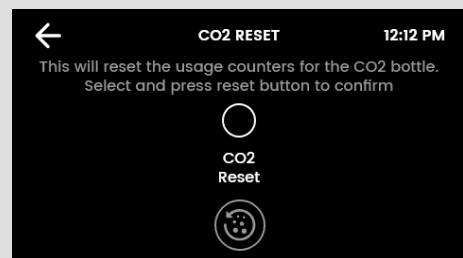


- Purge the gas lines when fitting a new CO₂ gas cylinder.
- Press the green start icon.
- The purge runs for 30 seconds.
- Water may be dispensed before CO₂ gas escapes from the tap.
- The purge process stops automatically.

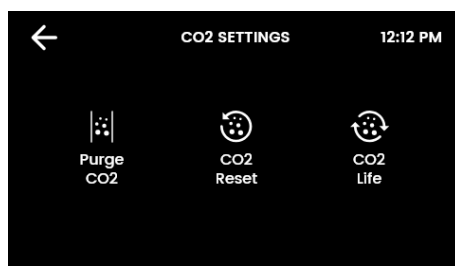
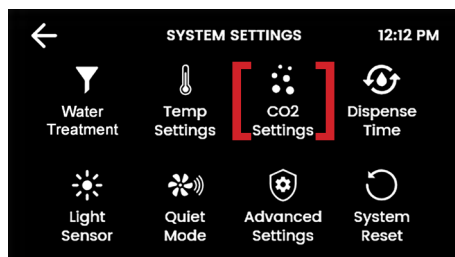
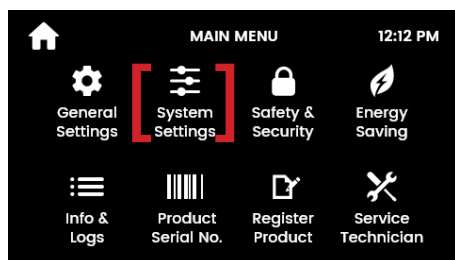


CO₂ reset

- After fitting a new CO₂ cylinder, reset the CO₂ counter.



3.7.3 CO₂ settings continued



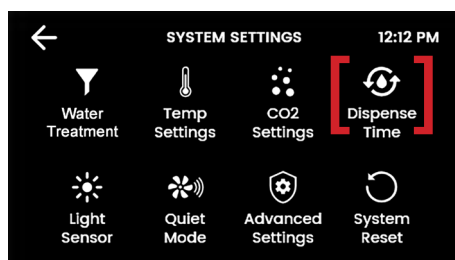
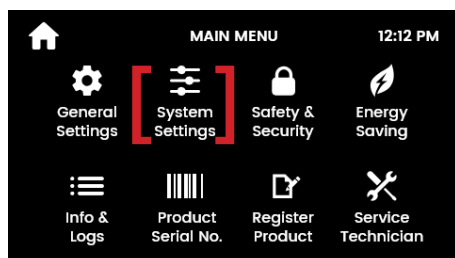
CO₂ life



CO₂ life

- CO₂ life may be adjusted by months or litres.
- The Home screen displays a warning when the CO₂ level reaches 20% (see page [137](#)).
- CO₂ life defaults to grams absorbed.
- Months of use may also be selected to trigger a reminder to prepare a replacement CO₂ cylinder.
- Usage is dependent on CO₂ absorption, settings on the HydroTap, and leak-free installation.
- CO₂ cylinders are available in two sizes:
- 1.2kg (approx. 180-200L) for residential or commercial (UK).
- 2.64kg (approx. 400-460L) for commercial (not available in UK).

3.7.4 Dispense times

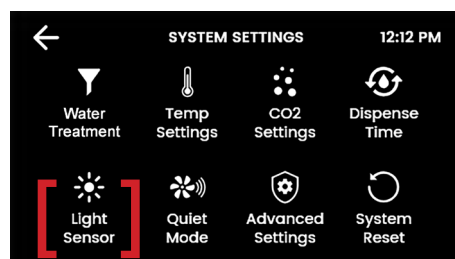
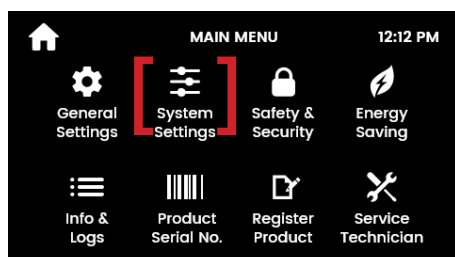


Dispense times

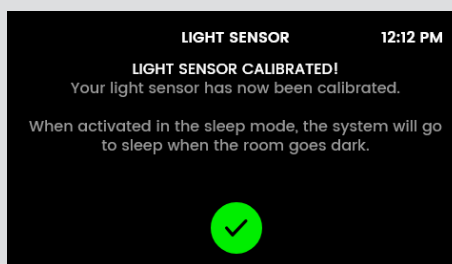
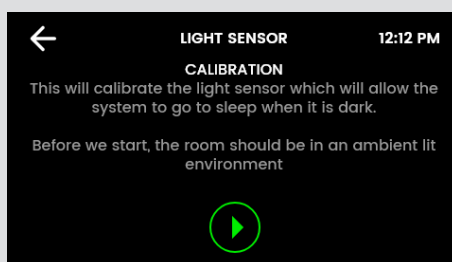


- Set the “bottle-fill” dispense time for each water type.
- Minimum dispense time: 5 seconds.
- Maximum dispense time: 15 seconds (default).

3.7.5 Light sensor

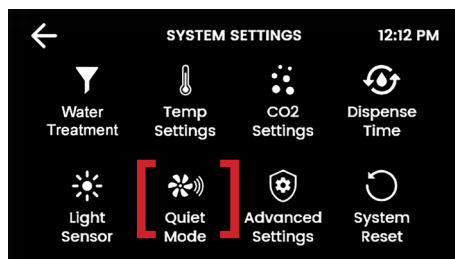
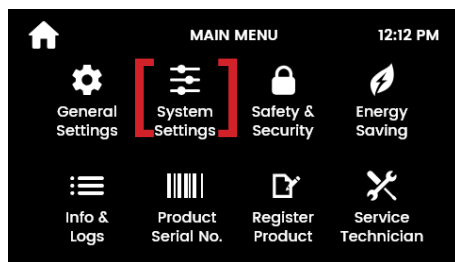


Light sensor



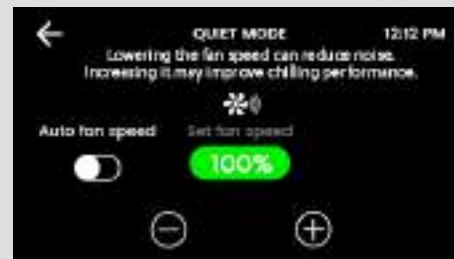
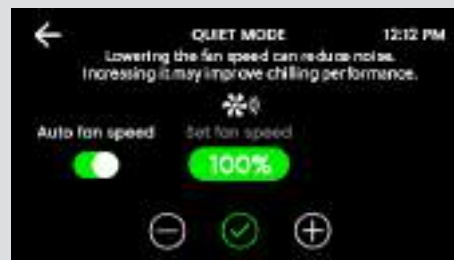
- Follow the screen instructions to calibrate the light sensor.
- Ensure the ambient light in the room is typical for operating conditions.
- The lights on the tap will flash to confirm calibration.
- When the room is darkened below the calibrated light level, the tap lights will turn OFF after 30 seconds.

3.7.6 Quiet mode

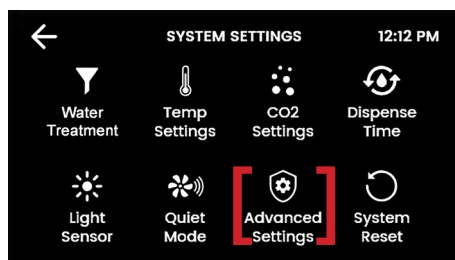
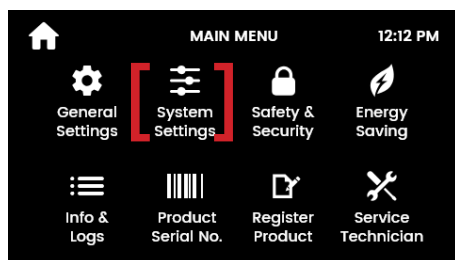


- Lowering the fan speed can reduce noise. Increasing it may improve chilling performance.
- Residential models: 75% / 100% / Auto (default).
- Commercial models: 100% (default) / Auto.

Quiet mode



3.7.7 Advanced settings



Advanced settings 1

Periodic pulse reduced cavitation mode

- Sends 2 electric pulses every 5 minutes to the pump.
- This prevents the build up of air bubbles inside the pump to ensure an even flow of hot water at the tap.

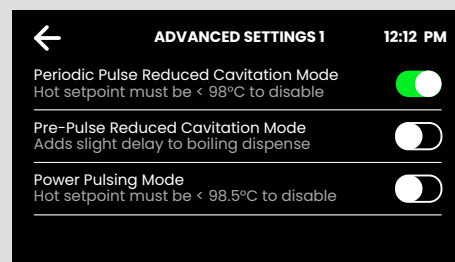
Pre- pulse reduced cavitation mode

- Pulses immediately before boiling dispense to prevents the build up of air bubbles inside the pump to ensure an even flow of hot water at the tap.
- There will be a 150 millisecond delay before water is dispensed.

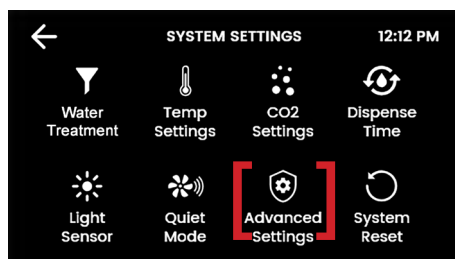
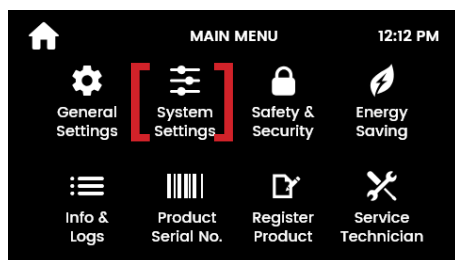
Power pulsing mode

- Applies a closer tolerance to the set temperature, to ensure hot water is maintained as closely as possible to the set point.
- In rare occurrences, enabling this feature may cause the tap lights to flicker during the boiling water recovery period.

Advanced settings 1



3.7.7 Advanced settings continued



Advanced settings 2 (Wave Tap only)

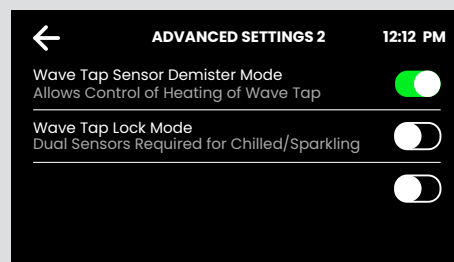
Wave Tap Sensor Demister Mode

- Enabled (default): activates the Wave Tap internal heater to prevent its sensors from being affected by condensation from steam.
- Disabled: choose this option to conserve a small amount of power.

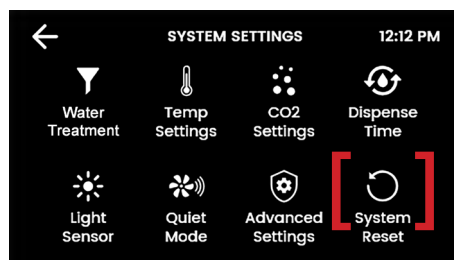
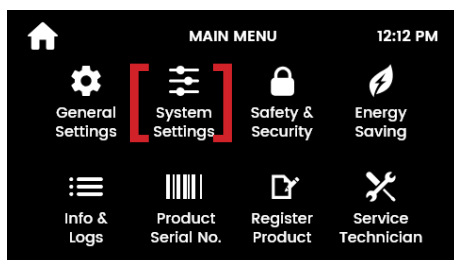
Wave Tap Lock Mode

- Disabled (default): Chilled or sparkling water can be dispensed by activating the corresponding sensor.
- Enabled: in addition to the chilled or sparkling sensor, the rear sensor must also be activated in order to dispense chilled or sparkling water. This is useful to prevent false activation if a highly reflective surface is present (such as high-visibility reflective tape).
- **Note** Bottle fill is disabled.

Advanced settings 2 (Wave Tap only)



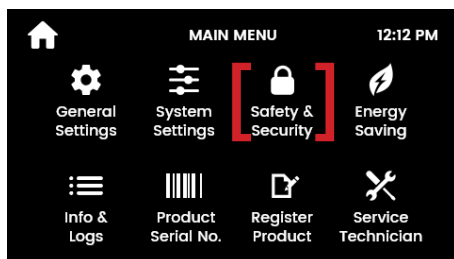
3.7.8 System restart



- Touch the top circle, then the bottom circle to power down and restart the system.
- Use this function to remove the settings access password.

3.8 Safety and security

Boiling safety



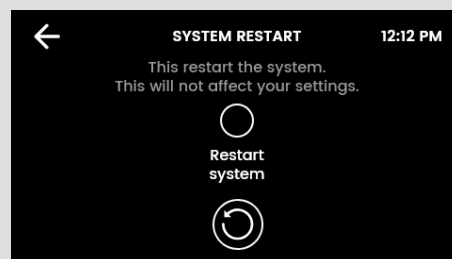
Boiling safety lock

- Enabled (default): safety button must be touched/tapped in order to dispense boiling water.
- Disabled: boiling water can be dispensed without the need to touch/tap the safety button.

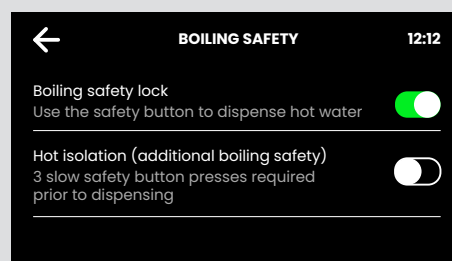
Hot isolation

- 3 slow safety button presses are required prior to dispensing.

System restart

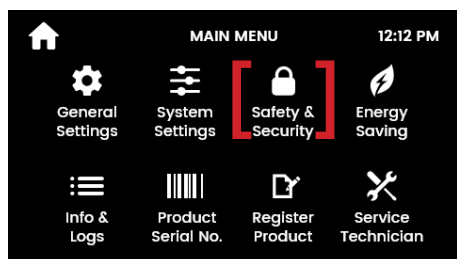


Boiling safety



Passcode protect

- Navigate the icons, buttons and fields to create and set a password for GUI adjustment.



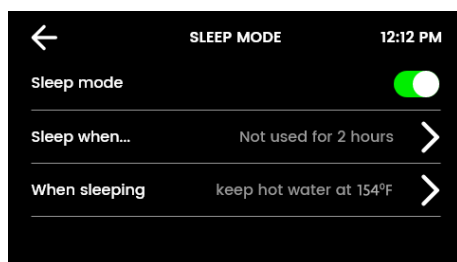
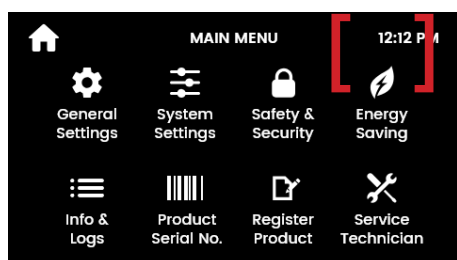
- Activate passcode protection to limit access to certain settings. Users will be prompted for this passcode when attempting to access settings.
- Create a 4-digit passcode and re-enter, as prompted.
- The passcode will be deactivated if the HydroTap is reset (powered off and on again).

Passcode protect



3.9 Energy saving

Sleep mode



Sleep mode

- Disabled (default).
- Enabled: Any attempt to dispense water will bring the HydroTap out of sleep mode. Allow sufficient time for the water to reach the set temperature.

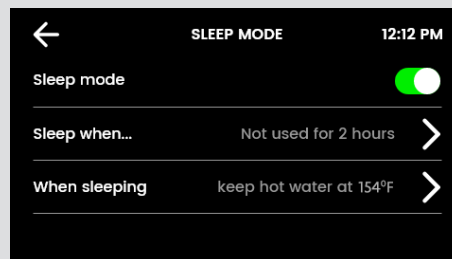
Sleep when

- It is recommended to recalibrate the light sensor after selecting "sleep when it gets dark".
- Ensure the ambient light is typical for operating conditions. Refer to page [151](#).

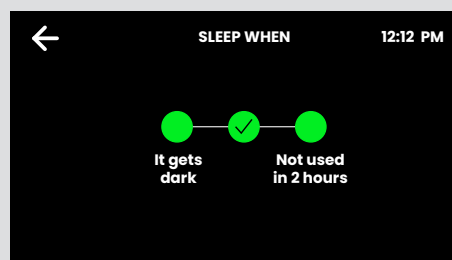
When sleeping

- Choose between the following modes:
- Keep hot water at 68°C, (chilled water kept at setpoint for chilled models) (default mode).
- Turn system OFF, boiling and chilled water will be OFF.

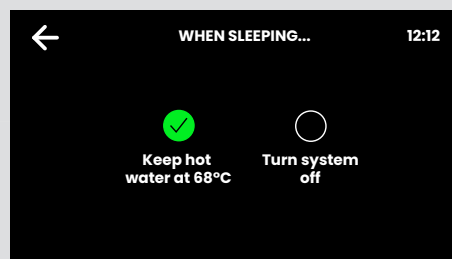
Sleep mode



Sleep when

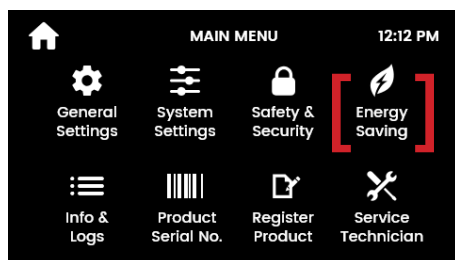


When sleeping



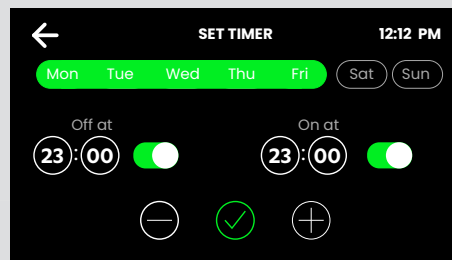
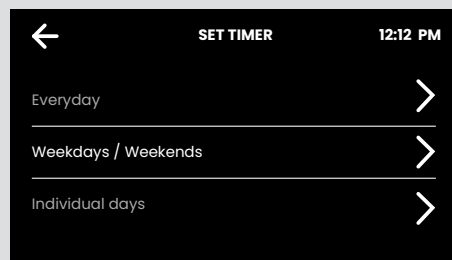
3.9 Energy saving continued

On / Off Timer

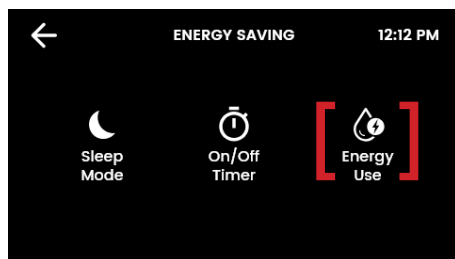
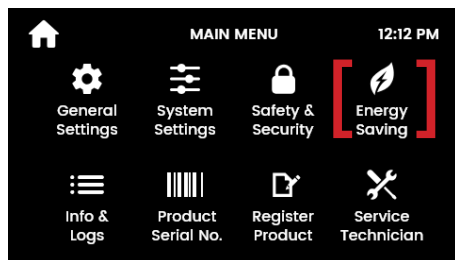


- The option that is in effect is highlighted.
- When OFF, the HydroTap will stop chilling and heating the drinking water.
- During OFF mode, any attempt to dispense water will bring the HydroTap back ON. Allow sufficient time for the water to reach the set temperature.
- After 30 minutes of non-use, the system will revert to the On / Off setting.

On / Off Timer



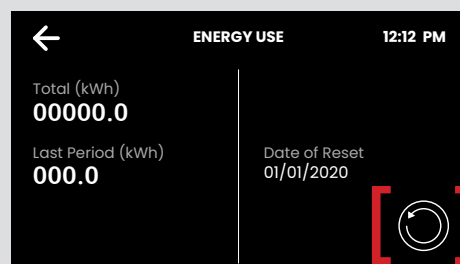
3.9 Energy saving continued



Energy use

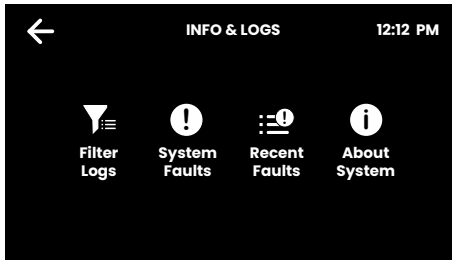
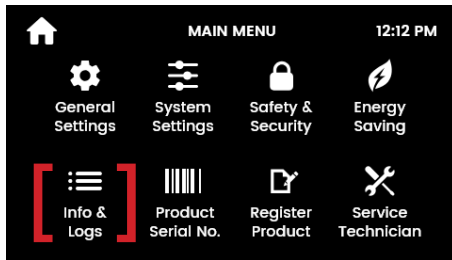
- Track energy usage of your HydroTap by viewing the total energy consumed and the energy consumed since the last energy use reset.

Energy use



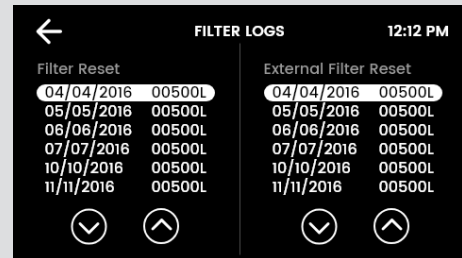
- The bottom right button is used to reset the 'last period' usage counter.

3.10 Info & logs



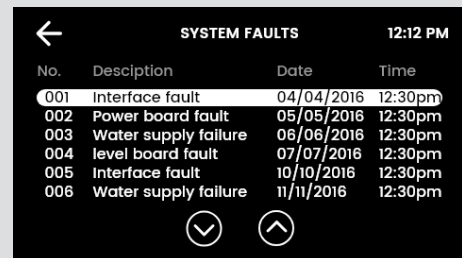
Filter Logs

- View the filter reset history (date and litres).



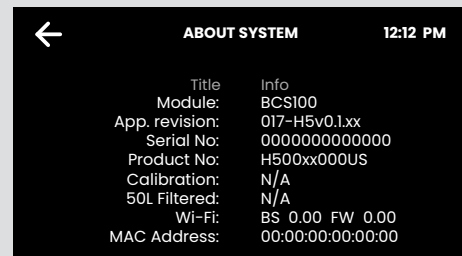
System Faults

- View the system fault history (code, description, date, time).

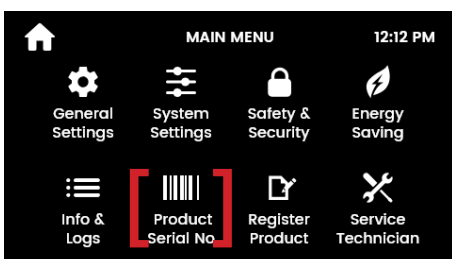


About System

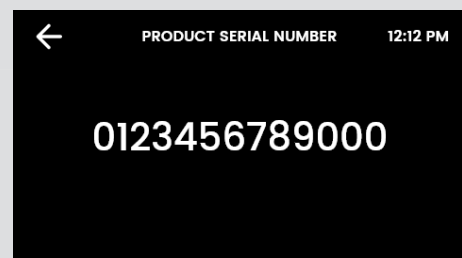
- View the system credentials



3.11 Product serial no.

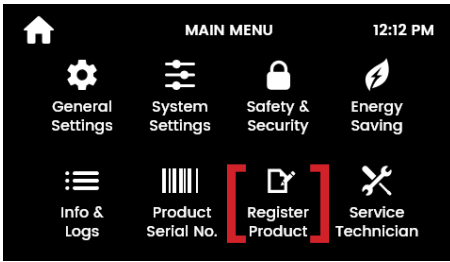


Product serial no.



- View the product serial number, example shown above.

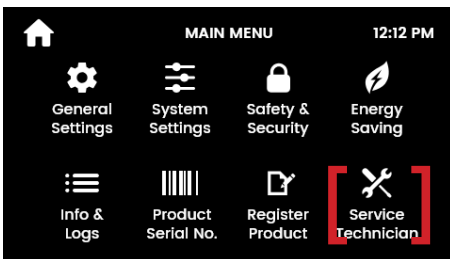
3.12 Register product



3.13 Service Technician



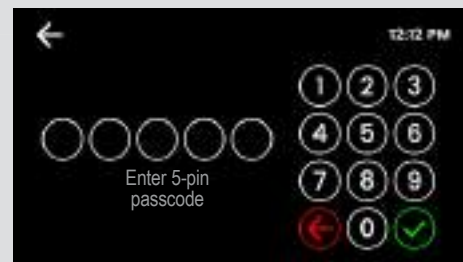
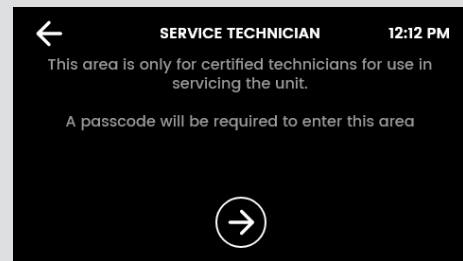
- Access to functional and diagnostic aspects of the HydroTap system are limited to qualified Service Technicians only. Contact Zip if you need a Service Technician.



Register product



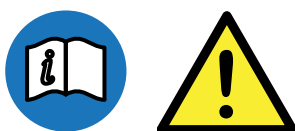
Service Technician access



4.1 Filter maintenance

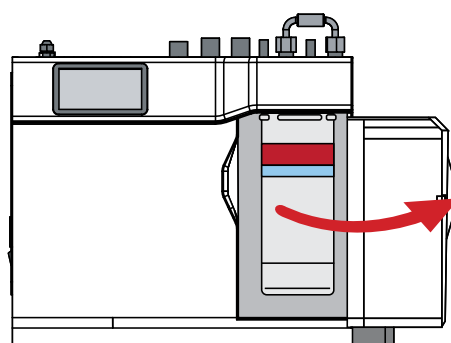
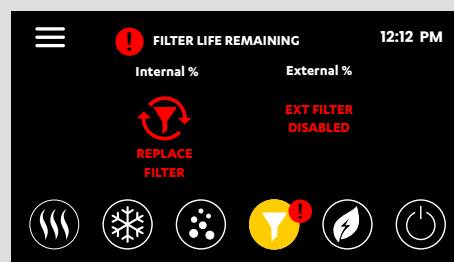
- The HydroTap notifies when filter replacement is due. If you notice one of the following, you will need to change the filter.
- The tap and screen will indicate that a filter needs to be changed.
- Depending on local water quality conditions and usage, the filter may require changing before the filter change indication is shown. You may also need to replace the filter if you notice an increase in chlorine, taste or odour.

4.1.1 Internal filter change

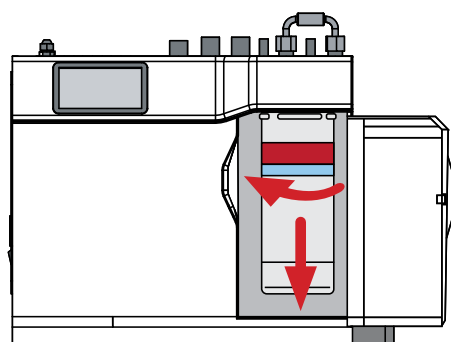


- Remove old filter.
- Open the filter door.
- Place a cloth or towel under the filter cartridge before removing.
- Grip the cartridge, turn it clockwise, then pull down.
- Water will drip as the cartridge is removed.
- Do not tilt the cartridge as water may spill from it if tilted.

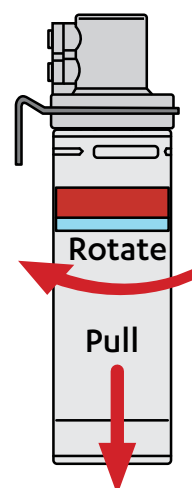
Internal filter change



Open filter door.



Remove old filter.

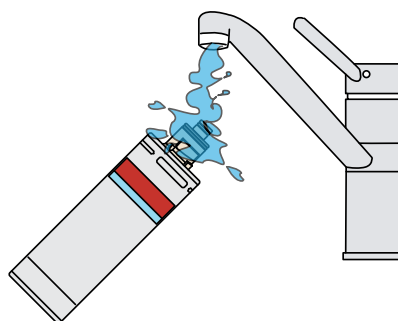


4.1 Filter maintenance continued

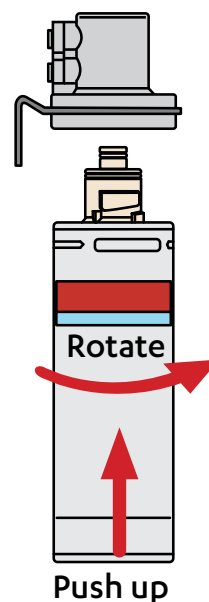
4.1.1 Internal filter change continued

- Unpack replacement filter cartridge and remove sanitary cap,
- Write today's date where shown on the label.
- Avoid touching the filter o-rings and filter opening as this may cause bacterial contamination of the cartridge.
- Moisten the o-rings with water.
- Align the front cartridge label to the left, and push the new cartridge up into the filter head.
- Turn the cartridge a quarter turn anticlockwise until it comes to a complete stop and locks, with the front label facing forward.
- Initiate the filter flush programme by scrolling through the menu screen (see page [142](#)).
- When completed, clean up and dispose of old cartridge and packaging.
- Close the door to secure the appliance.
- Adjust the filter settings (see page [146](#)) litres and days.
- If the HydroTap G5 is switched off for a long period of time (e.g. more than a weekend), run water through the chilled water outlet for at least 60 seconds before consumption.

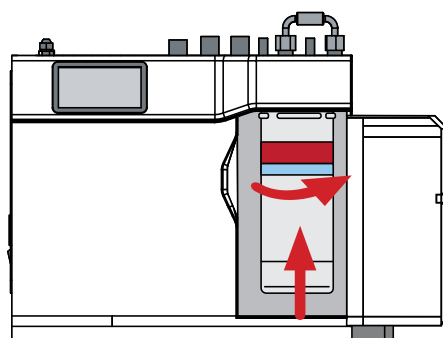
Internal filter change continued



Moisten connector o-rings.



Fit new filter.

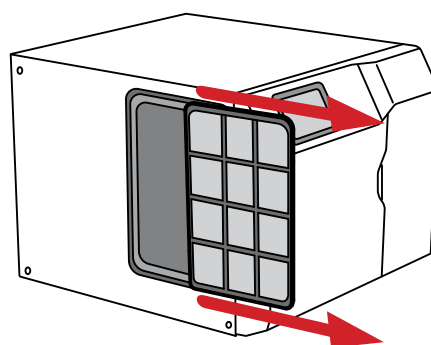


4.1 Filter maintenance continued

4.1.2 Air inlet filter maintenance

- The HydroTap G5 air filter is conveniently located on the outside of the condenser.
- The filter screen is a sliding fit in the plastic housing on the left hands side of the Command Centre.
- The screen may be removed for cleaning by sliding it forward.
- This needs to be inspected at least quarterly, cleaned and replaced if damaged.
- Rinse off with tap water.
- Gently dry with a cloth or towel.
- **Note** For best performance the unit should only be operated with a clean air filter screen, correctly fitted in place.
- Maintain at least a 50mm air gap in front of the screen at all times.
- Take care not to allow cloths or other soft materials to accidentally block the air inlet.

Air inlet filter maintenance



Slide forward to remove.



Rinse off with tap water.

4.2 Cleaning



- Wipe surfaces with a damp cloth or antibacterial alcohol wipes, then wipe dry with a clean, dry microfibre cloth or paper towel.
- Food-grade disinfection wipes may be used to clean around and within the tap spout.



IMPORTANT

- Do not use strong, corrosive, or abrasive cleaning materials.
- Do not use air-drying disinfectant sprays.
- Failure to remove the cleaning liquid may damage the finish of the tap.

Touch-Free Wave Tap

- Do not use abrasives to clean the sensor lenses at the sides, top and rear of the tap.
- This could cause permanent malfunction and void warranty.

4.3 The CO₂ cylinder and regulator



Significant concentrations of CO₂ gas can cause harm.

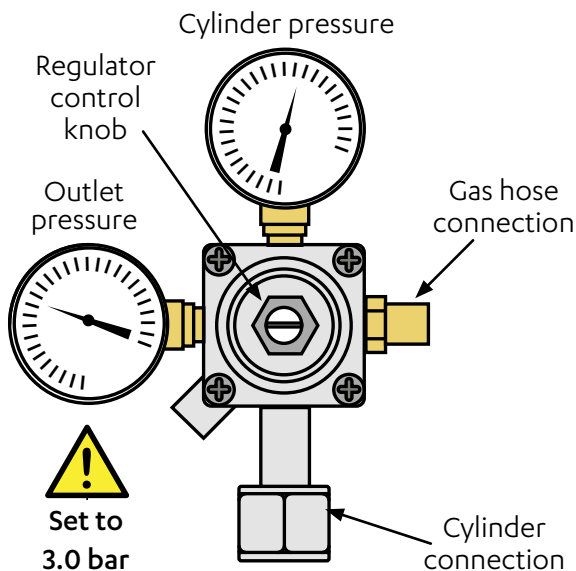


To prevent leaks, read and use the instructions and safety documents provided with the replacement cylinder, together with these instructions.

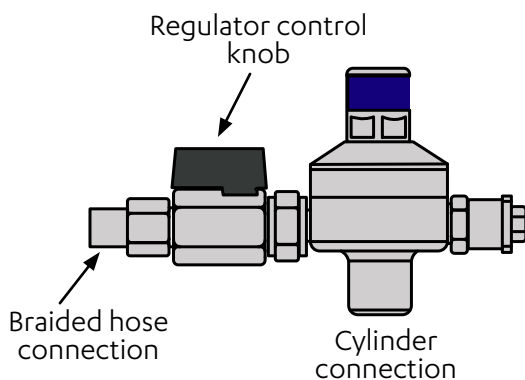


If removing hose, take care not to lose plastic olive from the fitting.

Universal G5 CO₂ regulator

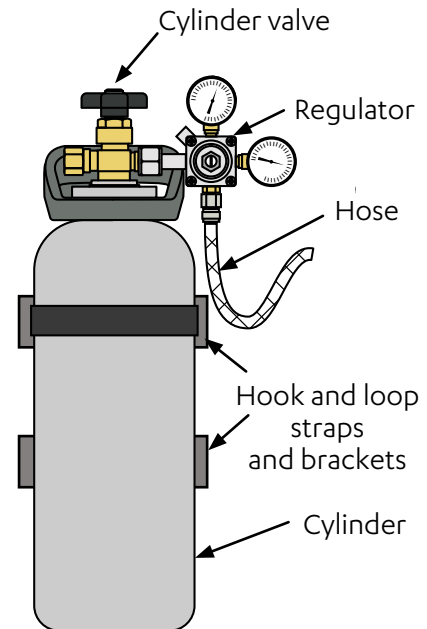


1.2kg cylinder Non-adjustable regulator

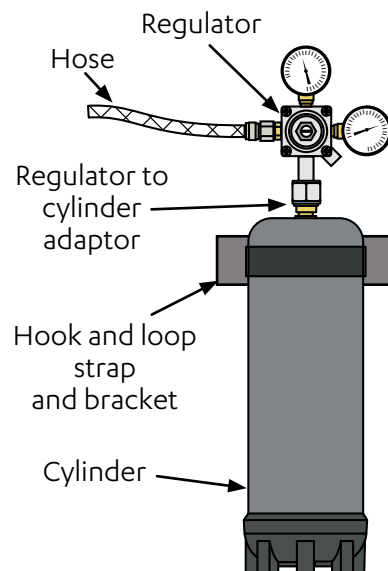


The CO₂ cylinder and regulator Identifying the components

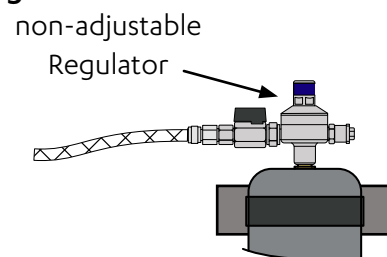
2.64kg cylinder



1.2kg cylinder

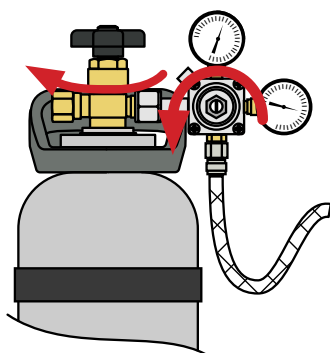


Non-adjustable 1.2kg cylinder regulator



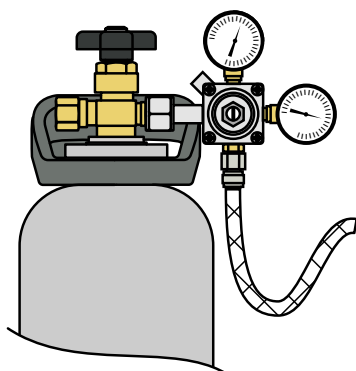
Changing the 2.64kg CO₂ cylinder

1



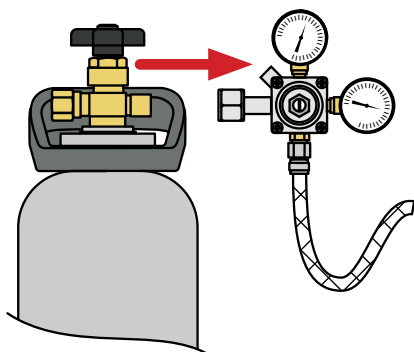
- Turn off cylinder valve & regulator.

2



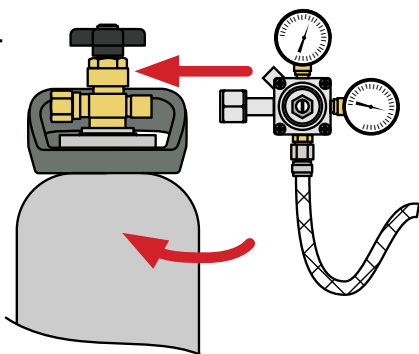
- Unstrap.

3



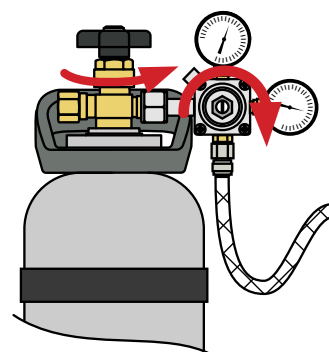
- Unscrew regulator connection.

4



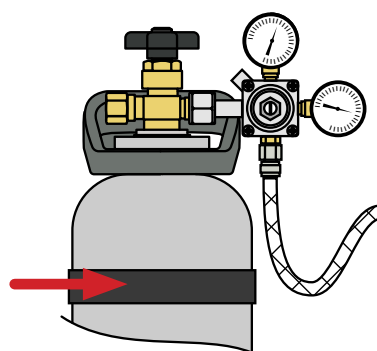
- Replace cylinder and refit regulator.

5



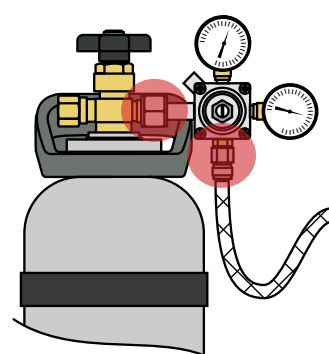
- Turn on the cylinder valve.
- Adjust outlet pressure 3.0 bar.

6



- Strap in place.

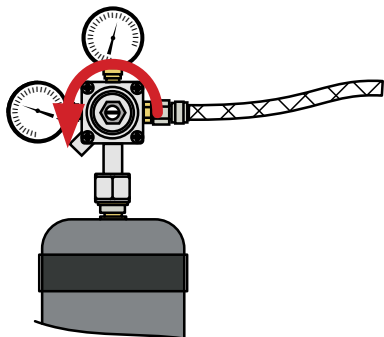
7



- Test for leaks in these areas
 - Test for leaks by brushing with soapy water and looking for bubbles.
 - Reseal if leaking, or call Zip for advice and assistance.
- 8
- Purge, reset and set the CO₂ life, (see page [149](#)).

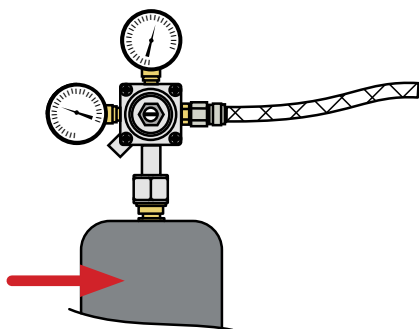
Changing the 1.2kg CO₂ cylinder Adjustable regulator

1



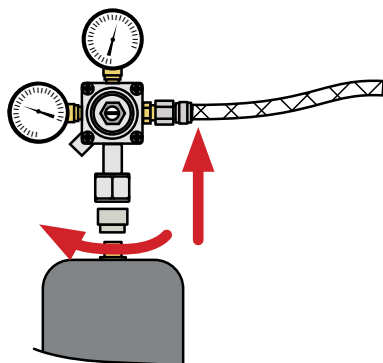
- Turn off regulator.

2



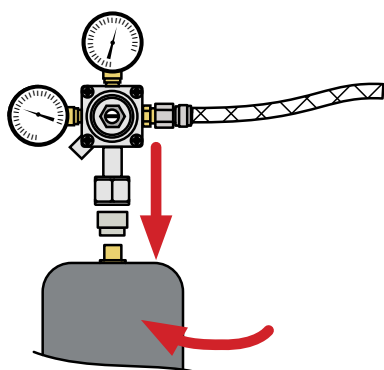
- Unstrap.

3



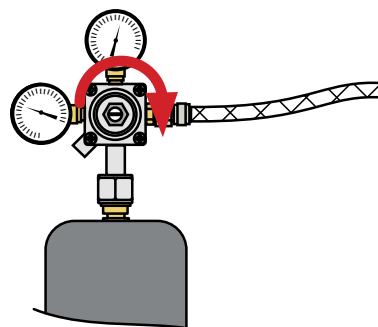
- Unscrew regulator connection.

4



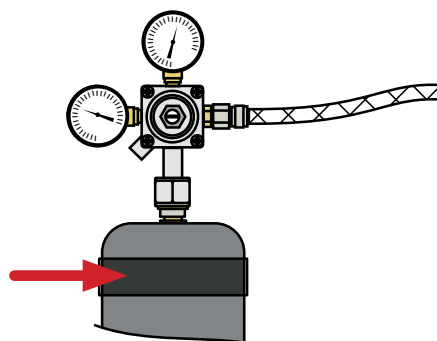
- Replace cylinder and refit regulator inc. adaptor.

5



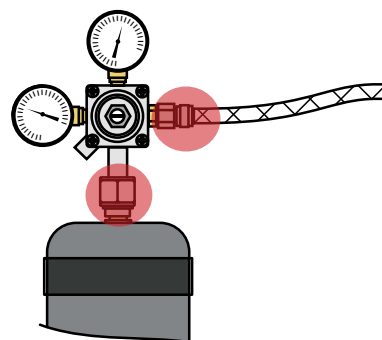
- Adjust outlet pressure 3.0 bar.

6



- Strap in place.

7



- Test for leaks in these areas

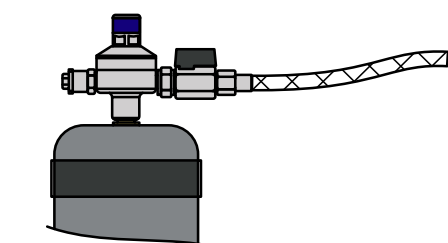
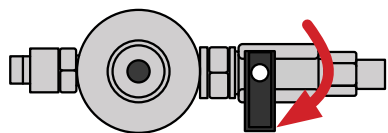
- Test for leaks by brushing with soapy water and looking for bubbles.
- Reseal if leaking, or call Zip for advice and assistance.

8

- Purge, reset and set the CO₂ life, (see page [149](#)).

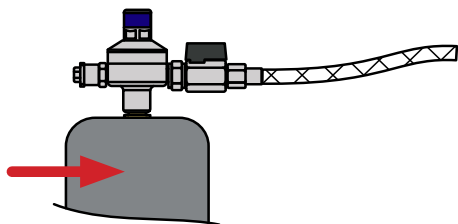
Changing the 1.2kg CO₂ cylinder Non-adjustable regulator

1



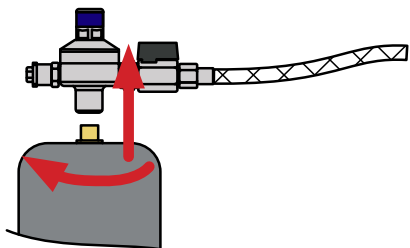
Turn off regulator.

2



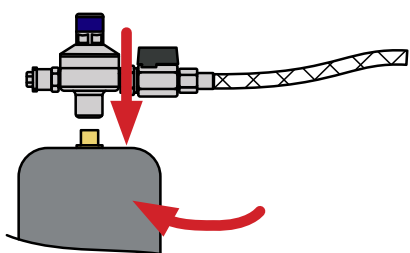
Unstrap.

3



Unscrew regulator connection.

4



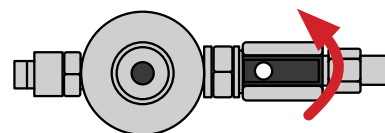
Replace cylinder and refit regulator.



Insert and rotate the cylinder into the regulator until you feel the initial resistance to rotation, then turn a 1/2 turn further. Repeated residential bottle changes or overtightening could eventually wear the internal seal. If a leak occurs, a replacement seal may be required. A spare seal is supplied with all residential regulators. A washer/seal kit (part no. 95267) is available if required.

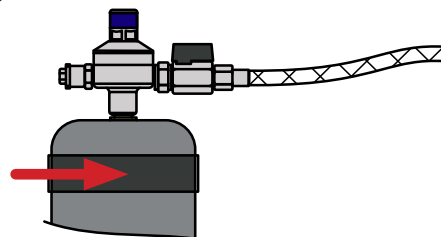
Do not proceed if the seals are damaged.

5



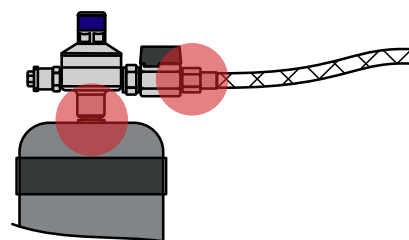
Turn ON regulator valve.

6



Strap in place.

7



● Test for leaks in these areas

- Test for leaks by brushing with soapy water and looking for bubbles.
- Reseal if leaking, or call Zip for advice and assistance.

8

Purge, reset and set the CO₂ life, (see page [149](#)).



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