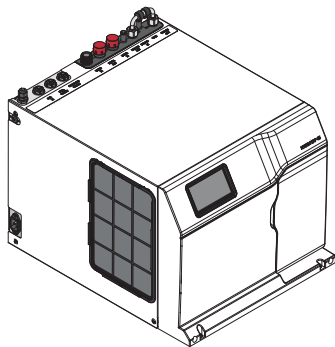


Zip HydroTap G5

Command Centre - BCS HOME, BCS20, BCS20 H,
BCS30, BCS30 H, BCS 60, BCS 60 H, BCS100, BCS100 H



Follow these steps for a safe and effective install.

- 1 Read the safety information overleaf.



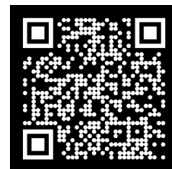
This QRIG may be sufficient for installers who have had previous HydroTap installation experience. Inexperienced installers please scan the QR codes for detailed installation instructions.



Installation
videos



Full installation
instructions
BCS Home
BCS20, BCS20 H
BCS30 , BCS30 H



Full installation
instructions
BCS60, BCS60 H
BCS100, BCS100 H

- 2 Contact us if you need support and advice.



Zip Water Australia

67 - 77 Allingham Street, Condell Park NSW 2200

Postal: Locked Bag 80, Bankstown 1885

Australia, Tel (+612) 9796 3100, Free call 1800 947 827 (1800 ZIP TAP)



Zip Water UK

Trafalgar House, Rash's Green, Dereham,

Norfolk, NR19 1JG

United Kingdom, Tel 0345 6 005 005

Safety information



This document is a Quick Reference Installation Guide. Download & read the full Command Centre installation instructions for more installation information.

Explanation of symbols



Read the instructions



Danger of electric shock



Compressed Gas WARNING



WARNING



Highly flammable



HOT Surface



Lithium Coin cell

-
- 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 by-laws, current IEEE regulations and local authority by-laws.
 - 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.
 - The Zip HydroTap Command Centre range uses HIGHLY FLAMMABLE R290 refrigerant under pressure.
 - Check the rating plate or contact Zip before commencing work.
 - To avoid hazards, all installation procedures must be carried out by a suitably qualified tradesperson. Maintenance of the refrigeration unit specifically must be carried out by an accredited service provider or qualified refrigeration technician. Faulty operation due to unqualified persons working on this product may void warranty coverage.
 - Warning! Keep ventilation openings in the appliance enclosure or in the built-in structure clear of obstruction.
 - 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).
 - 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 20m³ 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.
- 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.
- 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 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.
- 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. Power point earthing is the responsibility of the installer.
- 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.
- The new hose sets supplied with the product must be used. Do not re-use old hose sets.
- Never locate the system near, or clean with water jets.
- The integrated vent provides a safe exhaust for the refrigerant gas in the event of a leak.
- 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.

Installation - Technical data, part supplied

3

Review the technical data & parts supplied in the kit.

Model	Power rating, kW 220-240V, 50Hz	Dimensions W x D x H (mm)	Water supply Connection	Weight (kg)
BCS100,BCS100 H	2.15 + Booster	395 x 487 x 333	G 1/2	41
BCS60,BCS60 H	2.15	395 x 487 x 333	G 1/2	41
BCS30,BCS30 H	1.96 + Booster	339 x 483 x 333	G 1/2	34
BCS20,BCS20 H	1.96	339 x 483 x 333	G 1/2	34
BCS Home	1.53	339 x 483 x 333	G 1/2	34
Component	Min - Max pressure, kPa (bar)			
	Australia		UK	
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 & Limescale filter	200 (2.0) - 700 (7.0)		200 (2.0) - 500 (5.0)	
Booster electrical rating				
230V 50/60Hz - 2.20kW		240V 50/60Hz - 2.40kW		

Parts supplied with the Command Centre	
Command Centre, instructions , power cable, supply hose, door buffers.	✓
Vent kit inc. 2 Exhaust vent mounting plates,(use either, depending on cupboard overhang)	✓
Water supply inlet adaptor and strainer.	✓
Install rail kit (inc isolation valve), & instructions .	(UK only)
CO ₂ cylinder & regulator, & hose.	✓
Booster & hoses.	Optional
Limescale filter kit.	Optional

Ventilation installation instructions

- 4** Make sure there's enough ventilation in the cupboard, air needs to circulate as follows:

Cold air is drawn in through the gaps provided by the **door buffers (supplied)**, they **must be fitted**. Command Centre clearances must be observed.

Warm air is expelled through the integrated vent in the base of the Command Centre, via the vent cut-out in the cupboard floor.

A vent mounting plate **a** or **b** (supplied) covers the cut out.

If installing in a cupboard with less than 40mm overhang, use vent **d** too.

If installing in a warm space, use optional extra, inlet vent **c**.

The inlet vent cut-out may be positioned in the cupboard side, door or floor (depending on cupboard size and overhang).

Observe 100mm inlet / outlet vent separation.

To install the mounting plate & optional extra inlet vent grilles, scan the QR Codes , follow the instructions:



Ventilation
Installation
Instructions



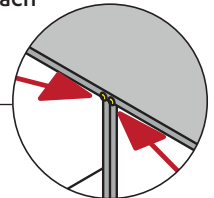
Ventilation
Installation
Video



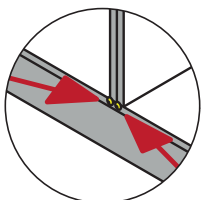
Incorrect ventilation installation may void warranty coverage.



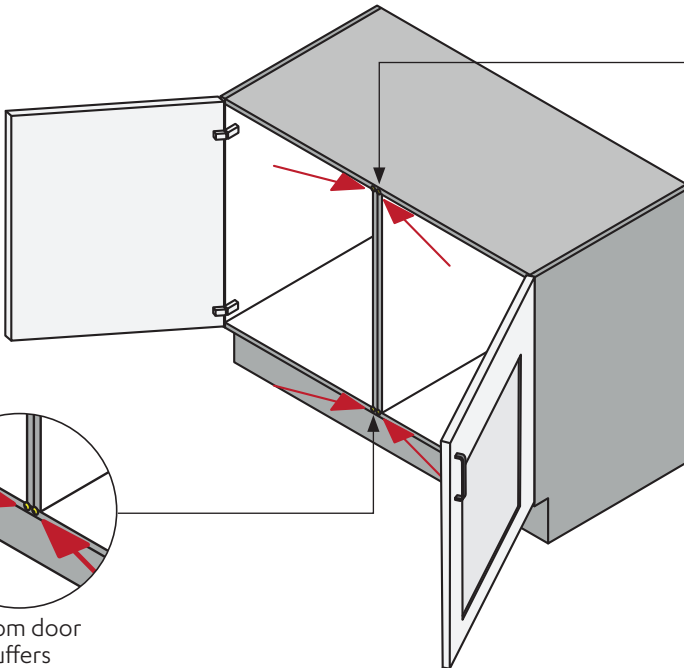
The door buffers (supplied) must be fitted to the cupboard, for each door, in all installations, to maintain effective airflow. See below:



Top door
buffers



Bottom door
buffers



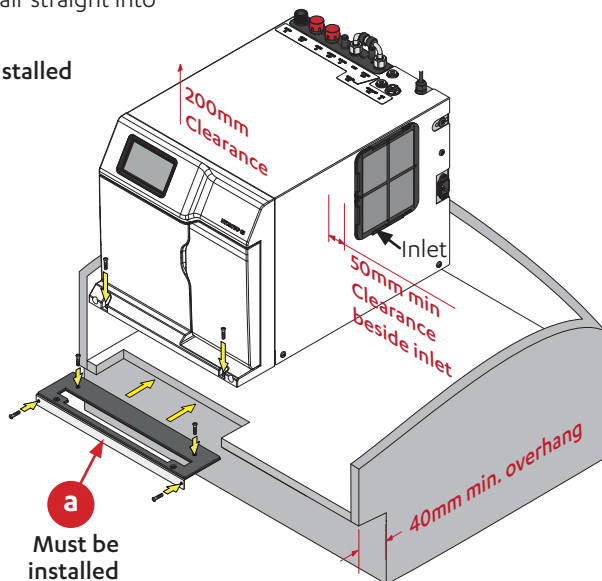
Ventilation installation instructions

5 BCS Home, BCS20, BCS20 H, BCS30, BCS30 H ventilation options

Option 1: Ventilation arrangement using small cupboard with min. 40mm overhang

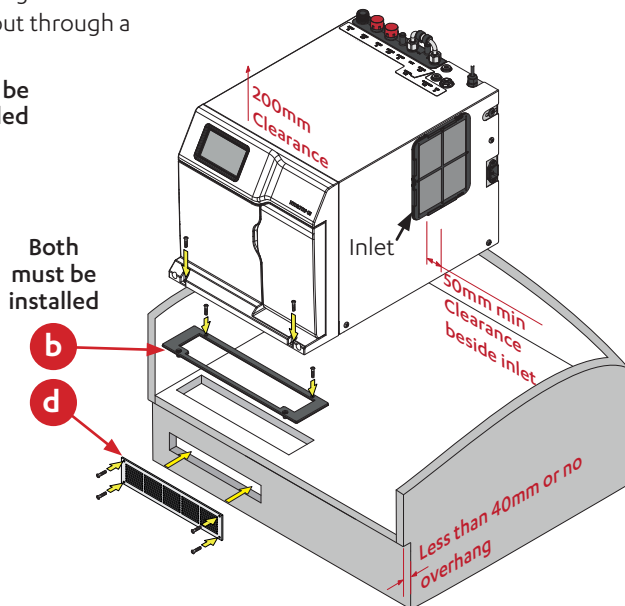
Directing warm air straight into the room.

a Must be installed



Option 2: Ventilation arrangement using small cupboard with less than 40mm, or no overhang. Directing warm air into the kick space & out through a vent grille.

b **d** Must be installed

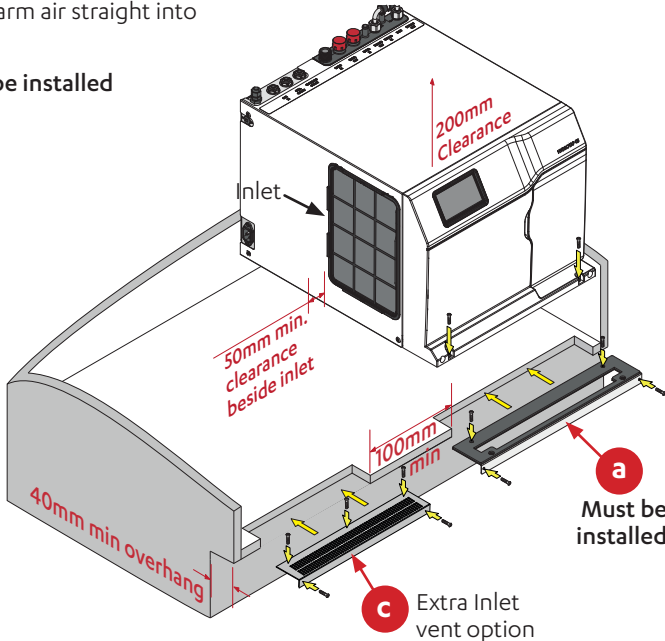


6 BCS60, BCS60 H, BCS100, BCS100 H ventilation options

Option 3: Ventilation arrangement using large cupboard with min. 40mm overhang

Directing warm air straight into the room.

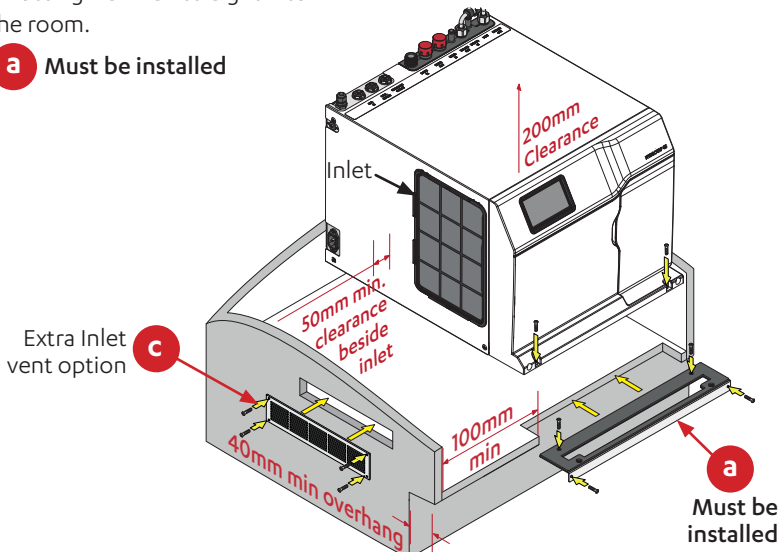
a Must be installed



Option 4: Ventilation arrangement using small cupboard with min. 40mm overhang

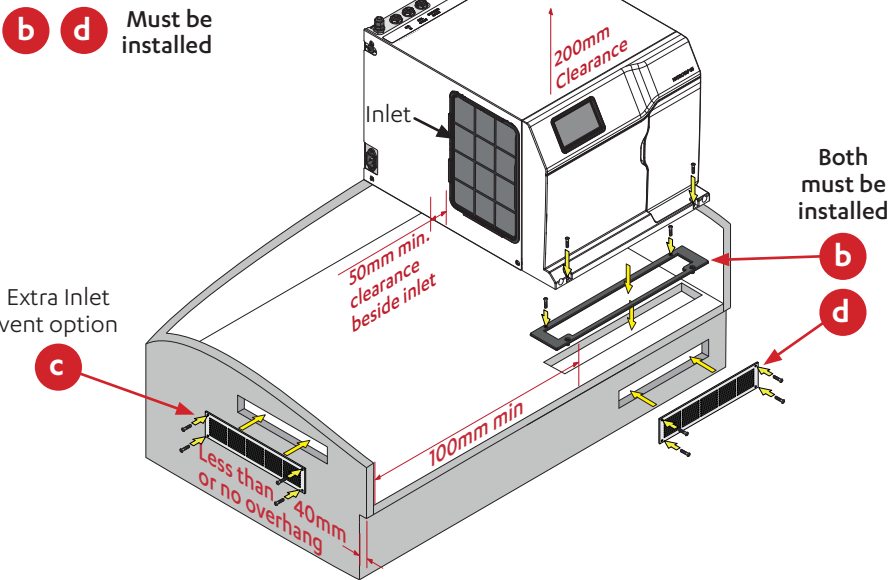
Directing warm air straight into the room.

a Must be installed

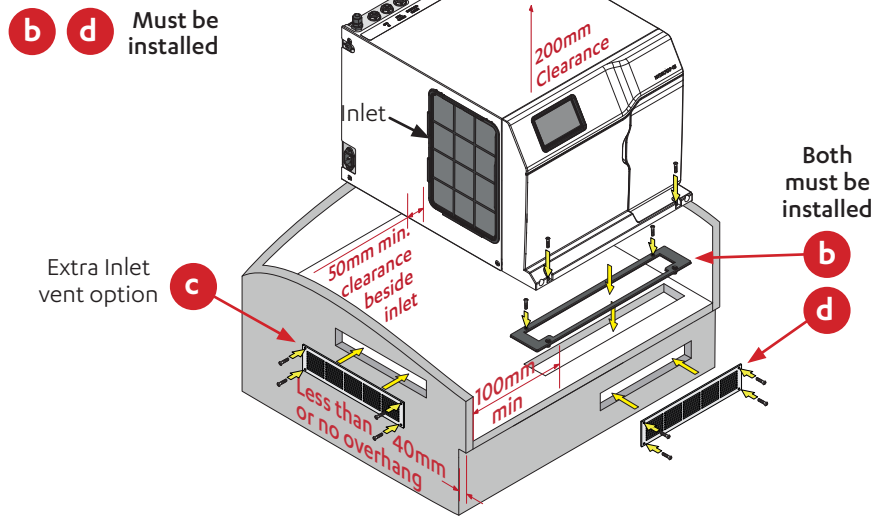


Ventilation installation instructions

Option 5: Ventilation arrangement if using a large cupboard with less than 40mm, or no overhang. Directing warm air into the kick space & out through a vent grille.

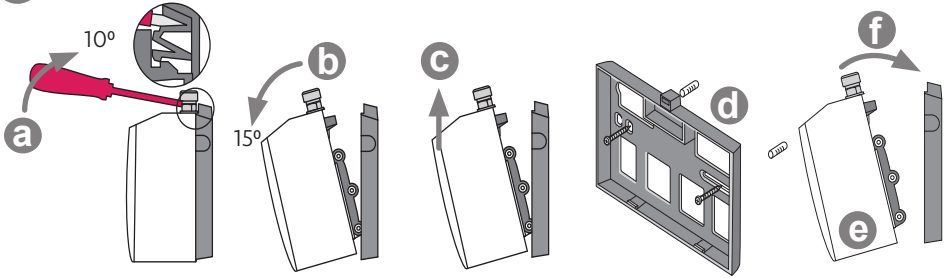


Option 6: Ventilation arrangement if using small cupboard with less than 40mm, or no overhang. Directing warm air into the kick space & out through a vent grille.



Installation - Ancillary components, Booster

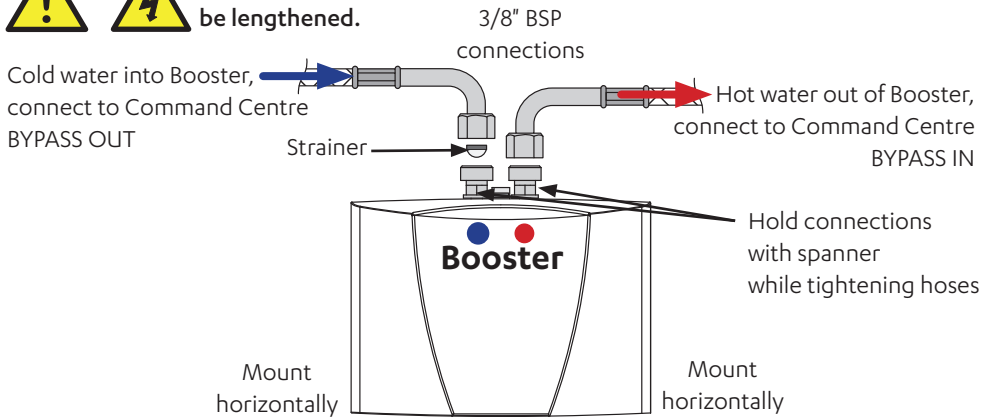
- 7** If supplied as part of the kit mount the Booster as follows:



Connect the braided hoses to the Booster:

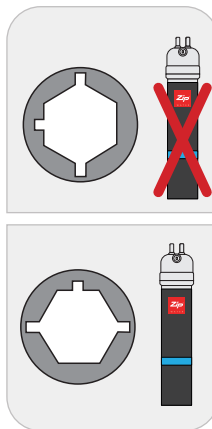
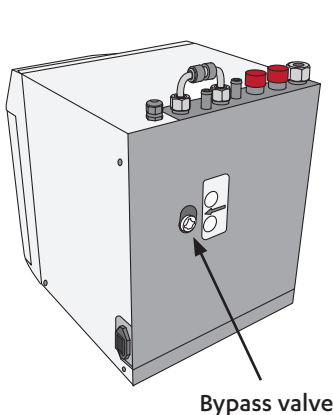


Do not over tighten hose connections. Braided hoses supplied cannot be lengthened.



Installation - Ancillary components, Limescale filter

- 8** UK only If installing a limescale filter, set the bypass valve (Rear of the Command Centre).



Scan the QR Codes & read the filter instructions

95603

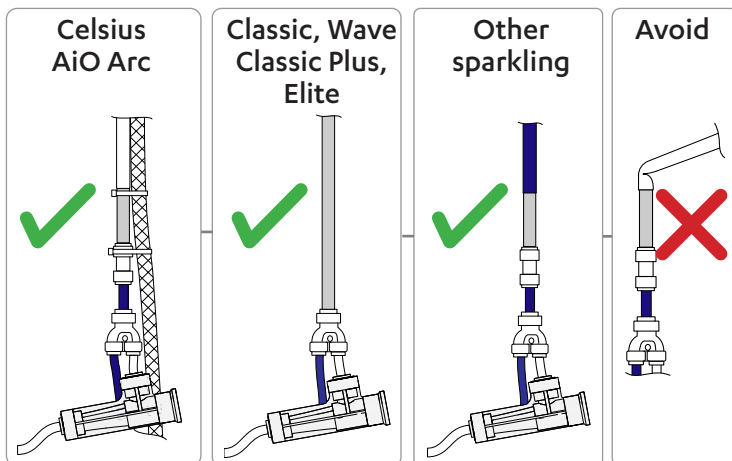


95601, 95602



Installation - Ancillary components, Carbonation valve

9 When fitting the carbonation valve, observe the following guidelines :



Adjust the carbonation valve during commissioning, see sections **12** **14**

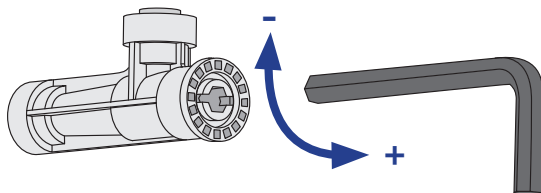
Use an Allen key or screwdriver to adjust the carbonation flow.

Anti-clockwise to increase,

Clockwise to decrease.

To measure flow rate:

Use a measuring jug, run the sparkling water for 15 seconds.



Multiply the amount of water dispensed

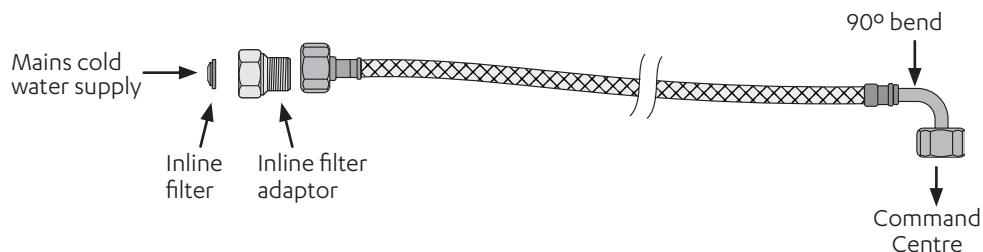
in 15 seconds by 4 to determine the flow rate in litres per minute.

The optimum flow rate is 1.6 litres per minute (400ml per 15 seconds).

If the flow rate is 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).

General installation arrangement instructions

10 Make sure the braided hose and adaptor arrangement for the mains water supply are installed as follows:



11 Install the HydroTap in order **a** to **h**.

Scan the QR Code & read the instructions

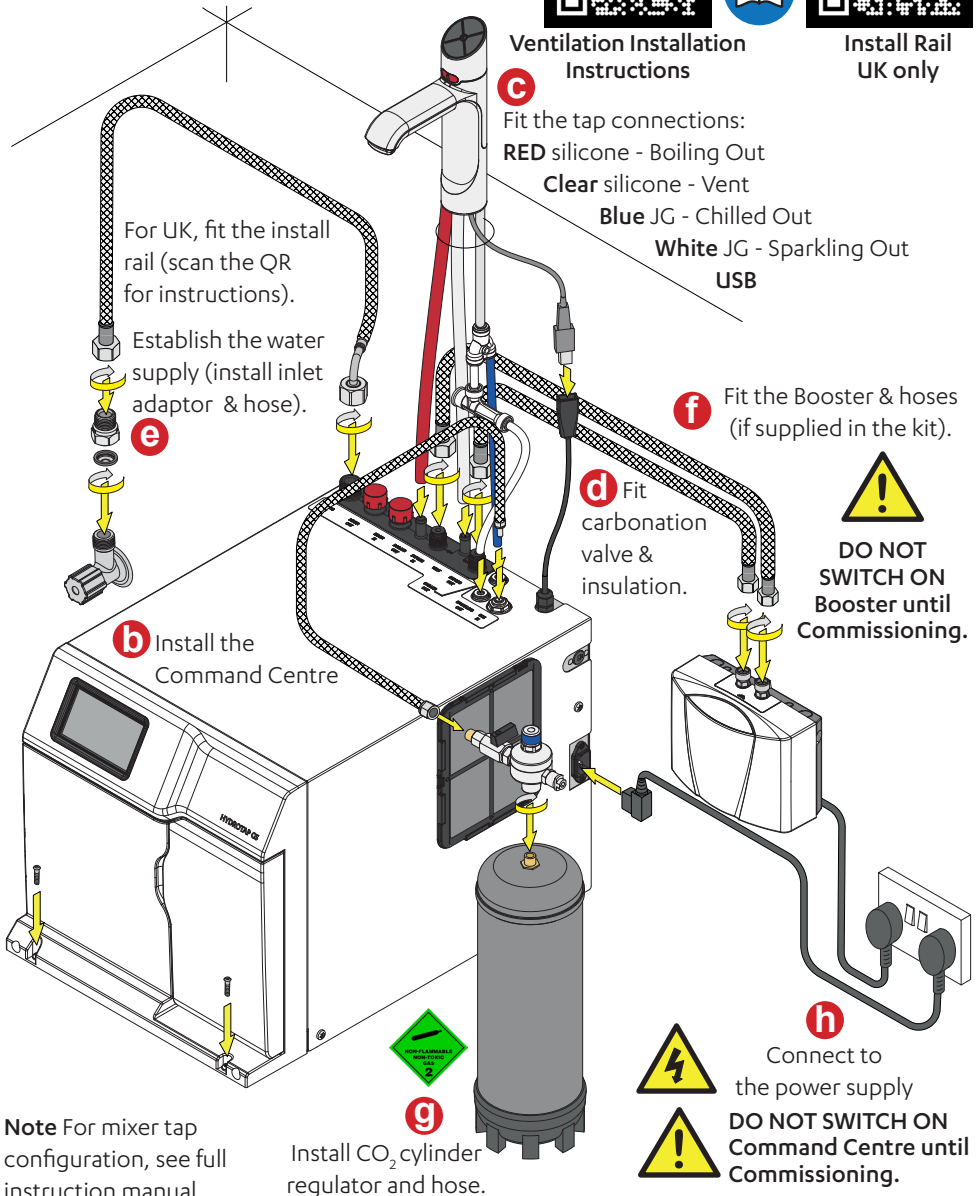
a Install the vent mounting plate on the cupboard floor, scan the QR Code & read the instructions.



Ventilation Installation Instructions



Install Rail UK only



BCS Home, BCS20, BCS20 H, BCS30, BCS30 H Commissioning

12 Commission the HydroTap in order **i** to **n**.

i Commissioning process, follow screen prompts, scan HydroTap Clean QR for more information.

m If cupboard temperatures exceed 35°C additional ventilation will be required.

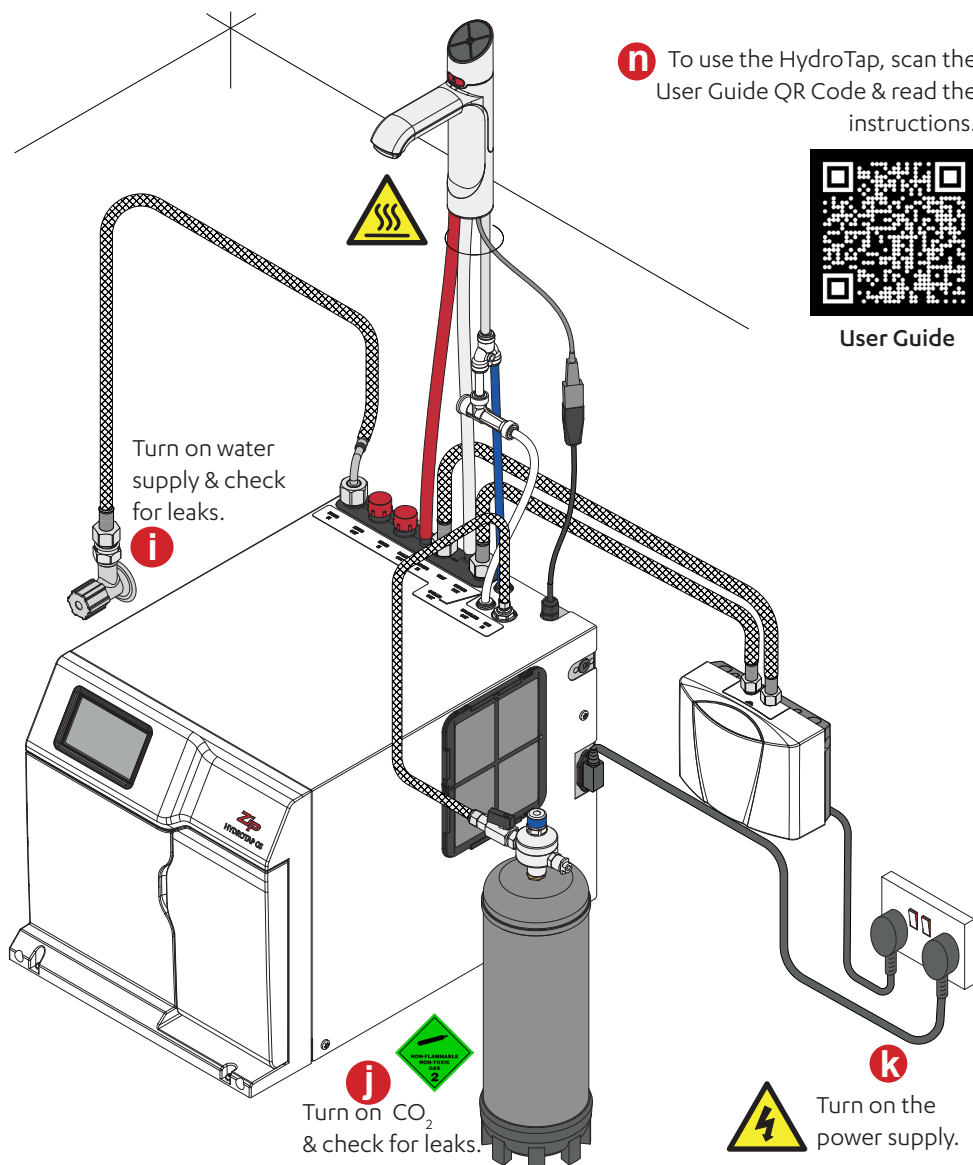


HydroTap Clean

n To use the HydroTap, scan the User Guide QR Code & read the instructions.



User Guide



13 Install the HydroTap in order **a** to **h**.

Scan the QR Code & read the instructions

a Install the vent mounting plate on the cupboard floor, scan the QR Code & read the instructions.



Ventilation Installation Instructions



Install Rail UK only

Fit the tap connections:
RED silicone - Boiling Out
Clear silicone - Vent **c**
Blue JG - Chilled Out
White JG - Sparkling Out
USB

Fit carbonation valve & insulation. **d**

Establish the water supply (install inlet adaptor & hose) **e**

For UK, fit the install rail (scan the QR for instructions).

f Fit the Booster & hoses (if supplied in the kit).

b Install the Command Centre

!
DO NOT SWITCH ON Booster or Command Centre until Commissioning.



h Connect to the power supply.

g *Install CO₂ cylinder regulator and hose.



Notes

For mixer tap configuration, see full instruction manual.

*For UK use 1.2kg cylinder & non adjustable regulator.

BCS60, BCS60 H, BCS100, BCS100 H Commissioning

14 Commission the HydroTap in order **i** to **n**.

i Commissioning process, follow screen prompts, scan HydroTap Clean QR for more information.

m If cupboard temperatures exceed 35°C additional ventilation will be required.

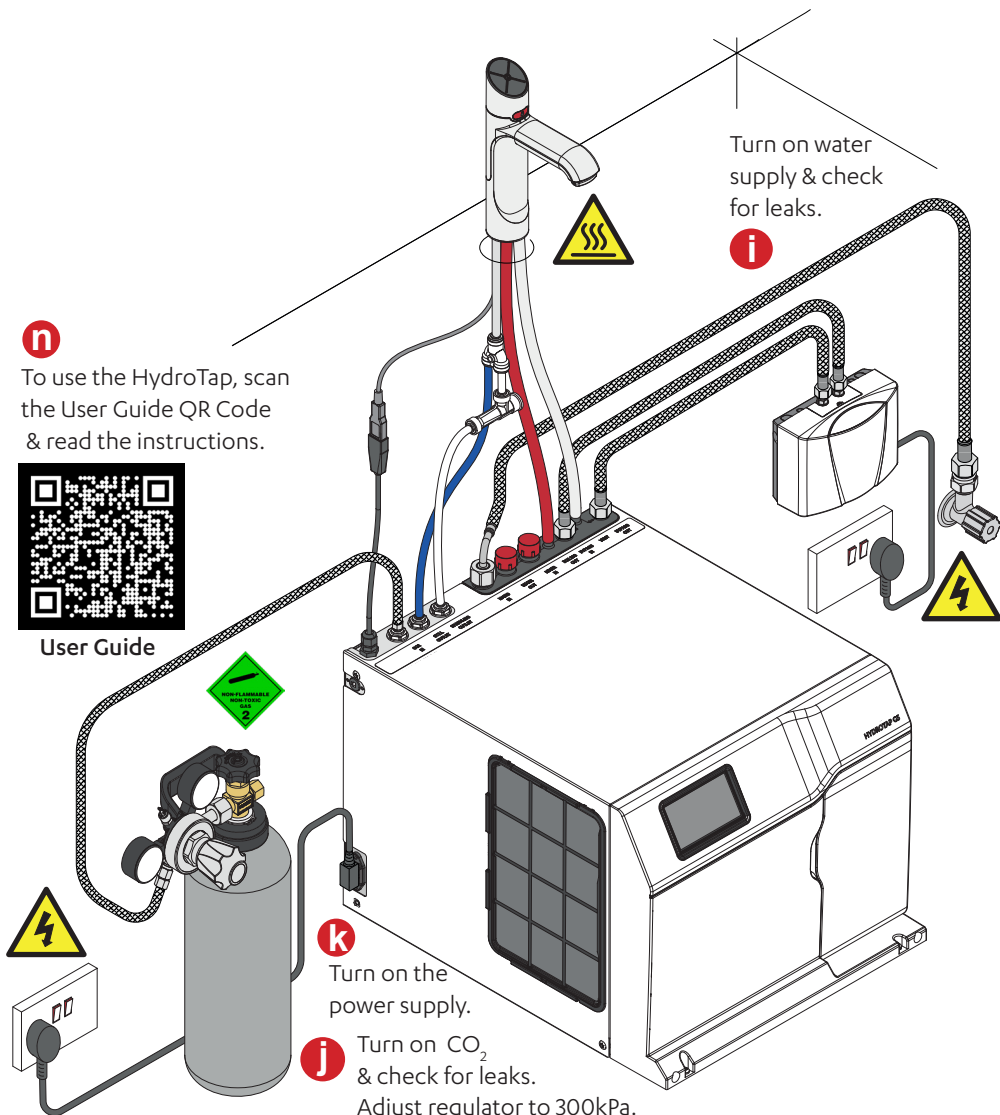


HydroTap Clean

n To use the HydroTap, scan the User Guide QR Code & read the instructions.



User Guide





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

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