ZIP HYDROTAP® G4

Pure tasting, boiling, chilled, sparkling water. Instantly.

MODEL NUMBER:

All G4 systems

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Elite
Touch controls

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Classic
Press - pull controls
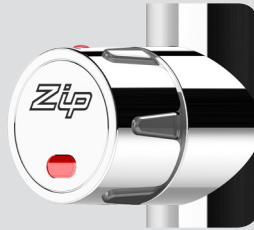
See page 7

All in One Celsius Arc
Arc & Cube
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See page 10
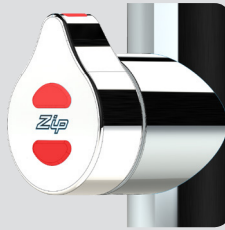
Celsius
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Range of tap functions (by condition of water dispensed)
Boiling, chilled and sparkling water (BCS)
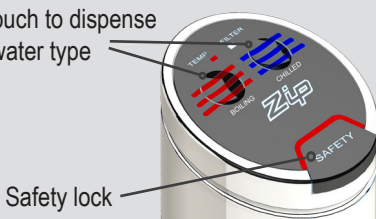Boiling and chilled (BC)
Boiling and ambient (BA)
Boiling (B)
Chilled and sparkling (CS)
Chilled (C)

SECTION 3 ELITE HYDROTAP

3. 1 ELITE HYDROTAP - CONTROLS

Simply touch to dispense
chosen water type

Safety lock

3. 2 ELITE HYDROTAP - LIGHTS
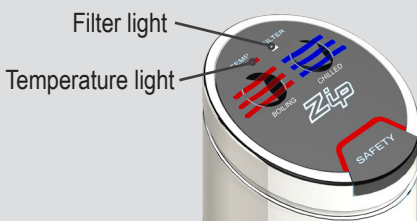
All models   Filter light

Temperature light

▇ BOILING TEMP

ON	Water at set temp
FLASHING SLOWLY	Water below set temp (wait)
FLASHING QUICKLY	System fault (see page 17)

▇ CHILLED TEMP

ON	Water at set temp
FLASHING SLOWLY	Water above set temp (wait)
FLASHING QUICKLY	System fault (see page 17)

▢ FILTER

OFF	Filter within life span
FLASHING SLOWLY	Change filter (see page 19 & 28)

3. 3 ELITE HYDROTAP - OPERATION

Touch for finger controlled dispense. (Safety lock off).

BCS models, touch to dispense

Boiling water

Chilled water

Sparkling water (both)

BC models, touch to dispense

Boiling water

Chilled water

BA models, touch to dispense

Boiling water

Ambient water

B models, touch to dispense

Boiling water (either)

C models

Chilled water (either)

3. 3 ELITE HYDROTAP - OPERATION

CS models, touch to dispense

Chilled water

Sparkling water

3. 4 ELITE HYDROTAP - SAFETY OPERATION

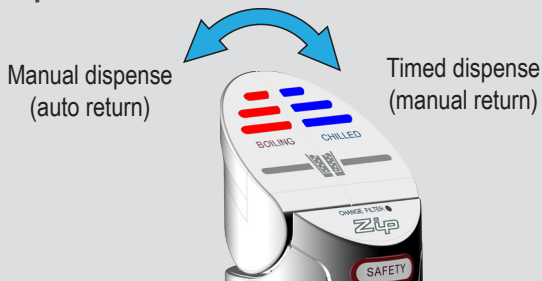**BCS, BC, BA, B models**, touch to dispense

Either   +   SAFETY   Boiling water

Activate / deactivate the safety lock see page 27

4. 1 CLASSIC HYDROTAP - CONTROLS

Press - pull controls

Manual dispense
(auto return)

Timed dispense
(manual return)

BOILING   CHILLED

CHANGE FILTER

Zip

SAFETY

4. 2 CLASSIC HYDROTAP - LIGHTS

All models

Boiling temp.

Chilled / sparkling temp.

Filter

BOILING   CHILLED

Zip

SAFETY

≡ BOILING TEMP

ON	Water at set temp
FLASHING SLOWLY	Water below set temp (wait)
FLASHING QUICKLY	System fault (see page 17)

≡ CHILLED TEMP

ON	Water at set temp
FLASHING SLOWLY	Water above set temp (wait)
FLASHING QUICKLY	System fault (see page 17)

O   FILTER

| OFF | Filter within life span |
| FLASHING SLOWLY | Change filter (see pages 19 & 28) |

SAFETY   SAFETY LOCK ON

4. 3 CLASSIC HYDROTAP - OPERATION

Press to dispense, pull for timed dispense. (Safety lock off).

BCS models, press to dispense

Boiling water

Chilled water

Sparkling water (both)

BC models, press to dispense

Boiling water

Chilled water

BA models, press to dispense

Boiling water

Ambient water

B models, press to dispense

Boiling water (either)

C models, press to dispense

Chilled water (either)

4. 3 CLASSIC HYDROTAP - OPERATION

CS models, press to dispense

Chilled water

Sparkling water

4. 4 CLASSIC HYDROTAP - SAFETY LOCK

BCS, BC, BA, B models, touch to dispense

+ SAFETY   Boiling water

Either

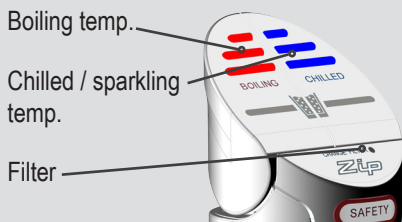Activate / deactivate the safety lock see page 27

4. 5 CLASSIC HYDROTAP - SAFETY SENSOR

Safety sensor calibration
Calibrate the safety sensor at installation.
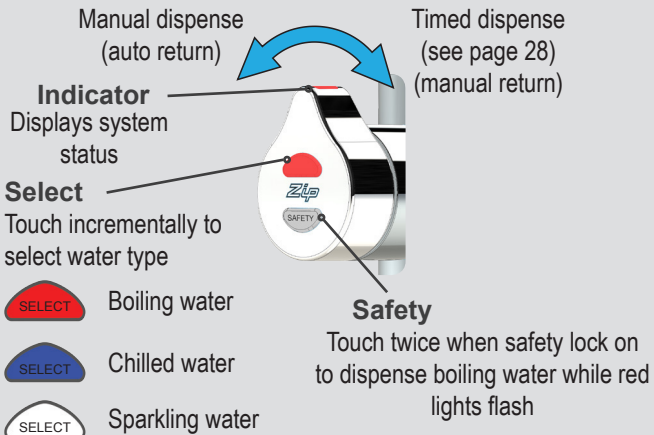Shield all direct sunlight from the HydroTap G4, during the calibration.

- Shield the HydroTap G4 from any direct sunlight.
- With the Command Centre in normal operating mode and safety lock enabled, turn the power off.
- Pull both tap levers to the forward position.
- Turn the power on.
- The Command Centre will calibrate the safety sensor.
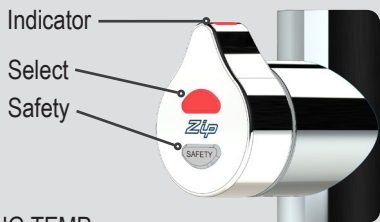- Return the levers to the neutral position.

Pull both levers forward

Safety sensor

SECTION 5 ARC & CUBE HYDROTAP

5. 1 ARC & CUBE HYDROTAP - CONTROLS

Manual dispense
(auto return)

Timed dispense
(see page 28)
(manual return)

Indicator
Displays system status

Select
Touch incrementally to select water type

Boiling water

Chilled water

Sparkling water

Safety
Touch twice when safety lock on to dispense boiling water while red lights flash

5. 2 ARC & CUBE HYDROTAP - LIGHTS

All models

Indicator

Select

Safety

SELECT + ☐ BOILING TEMP

ON. Water at set temp
FLASHING SLOWLY.
FLASHING QUICKLY (continuous).
FLASHING QUICKLY (for 2 secs).
water with safety lock on.

Water below set temp (wait)
System fault (see page 17)
Ready to dispense boiling

SELECT + ☐ CHILLED TEMP

ON Water at set temp
FLASHING SLOWLY.   Water above set temp (wait)
FLASHING QUICKLY.   System fault (see page 27)

SAFETY + SELECT + ☐ FILTER

ON Filter within life span
FLASHING SLOWLY.   Change filter (see pages 19 & 28)

SAFETY LOCK ON

5. 3 ARC & CUBE HYDROTAP - OPERATION

Touch to select, then turn to dispense (Safety lock off).

BCS models, select then turn to dispense

SELECT Boiling water

SELECT Chilled water

SELECT Sparkling water

BC models, select then turn to dispense

SELECT Boiling water

SELECT Chilled water

BA models, select then turn to dispense

SELECT Boiling water

SELECT Ambient water

B models, select then turn to dispense

SELECT Boiling water

C models, select then turn to dispense

SELECT Chilled water

5. 4 ARC & CUBE HYDROTAP - OPERATION

CS models, select then turn to dispense

SELECT   Chilled water

SELECT   Sparkling water

5. 5 ARC & CUBE HYDROTAP - SAFETY LOCK

BCS, BC, BA, B models 4 steps to dispense boiling water

1. SELECT + SAFETY   Boiling water mode with safety lock on

2. SAFETY   Touch x 2

3. SELECT + SAFETY + ▬   Flash for 2 secs

4. Turn control while lights flash to dispense boiling water.

Activate / deactivate the safety lock see page 27

6.1 CELSIUS HYDROTAP - CONTROLS

Warning
Displays system status

Rotate either way to dispense (auto return)

The Indicator light acts as a safety lock (when enabled) Touch twice when safety lock activated to dispense boiling water while red lights flash

indicator
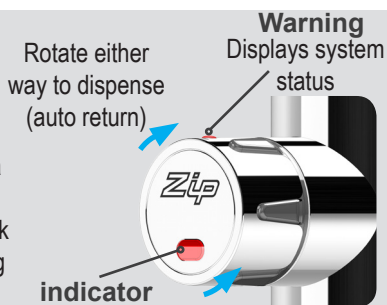
6.2 CELSIUS HYDROTAP - LIGHTS

All models

Warning

Indicator

● BOILING TEMP
ON — Water at set temp
FLASHING SLOWLY — Water below set temp (wait)
FLASHING QUICKLY — System fault (see page 17)

● CHILLED TEMP
ON — Water at set temp
FLASHING SLOWLY — Water above set temp (wait)
FLASHING QUICKLY — System fault (see page 17)

○ FILTER
FLASHING EVERY 10 SEC — Change filter (see pages 19 & 28)

▬ SAFETY LOCK
ON — Boiling mode with safety lock on

6.3 CELSIUS HYDROTAP - OPERATION

B models, rotate to dispense (Safety lock off).

⬭ + ● Boiling water
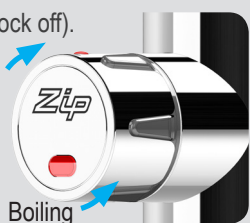
Boiling

6.4 CELSIUS HYDROTAP - OPERATION

C, CS models, rotate to dispense

Chilled water

Sparkling water

Sparkling

Chilled
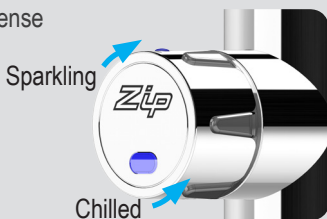
6.5 CELSIUS HYDROTAP - SAFETY LOCK

**B models** 3 steps to dispense boiling water

1. Boiling water mode with safety lock on

2. Touch x 2

3. + ● Flash for 2 secs

4. Rotate control while lights flash to dispense boiling water.

SECTION 7 MIXER TAPS- CLASSIC, ARC & CUBE

7.1 MIXER TAP - OPERATION

All Zip mixers function in the following manner :

The hot water is marked with a red dot and the cold water with a blue dot. Moving the lever away from the tap will increase the flow and towards the tap will decrease the flow.

When the lever is moved in the direction of the blue dot, the temperature is decreased and when moved in the direction of the red dot, the temperature is increased.

The spout may be swivelled, left or right, for convenience.
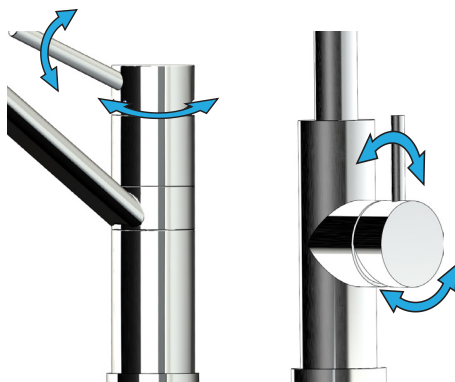
Zip HydroTap G4 features a 'TOUCH' screen for easy setup and operation adjustment.

NOTE : The screens displayed in this section are examples, button positions and availability of functions will change dependant upon model purchased. All functional options are shown in this manual.

Safety lock Icon   Sleep Mode Icon   Energy Mode Icon

Product Model — Zip BC Sparkling   03:01 PM, THU 23, Jan 2014 — Current Date/Time

**Status window — Safety ON

The horizontal bar moves from top (100%) to bottom (0%) indicating filter usage

50%

BOILING   CHILLED   FILTER   MENU
98.0ºC   3-5ºC

Set Boiling Temp.   Set Chilled Temp   Menu button
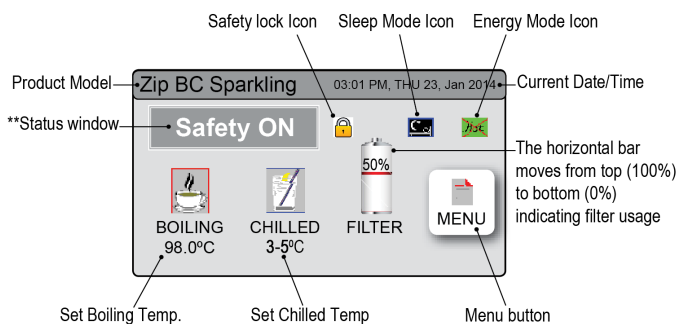
Other possible messages in status window:

Status**	Information	Notes
Safety OFF	Product is in normal operation mode	-
Safety ON	Safety lock is activated	Refer to section 8.7 - safety
System Fault	Product has one or more system faults	Refer to section 8.2 - System info.
Sleep Mode	System is in sleep mode. Neither boiling or chilled water are available.	Refer to section 8.7 - Energy modes
Change Filter	External/Internal filter needs to be replaced	Refer to section 8.3 & 8.7- Installation
System Off	System off in off mode. No boiling water or chilled water available.	Refer to section 8.7 - Energy modes
Hot Isolated	Hot isolation has been activated. Boiling water or hot water is not available.	Refer to section 8.7 - Safety

Note When selecting new options, the screen will revert to the main menu, if the screen remains inactive for a period in excess of 10 seconds.
Note As an energy saving feature, the home screen will turn off after 5 minutes of non use. Touching the darkened LCD panel will reactivate the home screen.

SECTION 8 LCD SCREEN			
Main menu	**Sub menu**	**Sub menu options**	**Section**
Language	English / Deutsch		**8.1**

Information	• Product info.
	
	• Filters log
	• Faults
	• Energy
		• Module
		  Revision
		  Serial number
		  Product number
		  Calibration
		• Filters
		• Faults found
		• Reset
			8.2

Installation	• Filter flush • Filter reset • Boiling calibration • Booster • CO$_2$ Purge • Lux sensor calibration • Advanced options	• Start/Stop • Internal/External • Calibration options • Enable/Disable	**8.3**
Service	• Password protected		**8.4**
Security	• Enable password	• Set password • Change password	**8.5**
Communication	• Remote monitor • Remote control	• Wi Fi Options	**8.6**

Settings	• Date/Time
	• Temperature
	• Filter
	
	• Energy modes
	• Safety
	
	• Dispense times
		• 2hr/24hr Mode
		• Hot/Cold set point
		• Filter life (Litres)
		  Filter life (Months)
		• Sleep mode options
		  On/Off modes
		• Safety lock
		  Hot isolation
		• Hot/Cold dispensing
			8.7

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8.1 Set language

Zip BC Sparkling	10:30 Wed 14, Nov 2013
Language	Info	Install	Service
Security	Comm's	Settings	←
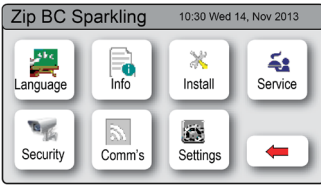
- Press the [MENU] button for main menu.
- Press the [Language] button.
- Select the language.
- Press [<=] button for the previous menu.

8.2 System information

In this section, you can find your product serial number, check system fault messages or view the filter logs of your product.

Zip BC Sparkling	15:11 Tue 26, July 2016
Product Info	System Faults
Filters Log	Recent Fault Log
Energy	←
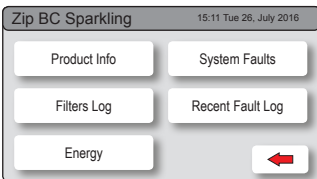
- Press the [MENU] button for main menu.
- Press the [Info] button to review product status information.

Zip BC Sparkling	10:30 Wed 14, Nov 2013
Serial No:	2000021200345
Revision:	V01.01
Product No:	
Calibration:	
50L filtered:	
HOME	←

- Press [Product Info] to view the current product serial no.
- Press [<=] button for the previous menu or press [HOME] button to return to the home screen.

Zip BC Sparkling	10:30 Wed 14, Nov 2013
Faults are found	
: Hot level board lost	
: Hot sensor open	
: Vent sensor open	
: Flood sensor open	
HOME	←
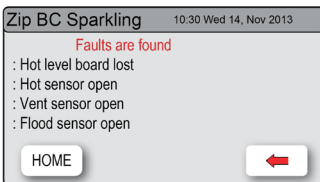
- Press [System Faults] or [Recent Fault Log] to check the fault information.
- Press [<=] button for the previous menu or press [HOME] button to return to the home screen.

Zip BC Sparkling	10:30 Wed 14, Nov 2013
Filter Reset	External Filter Reset
HOME	←
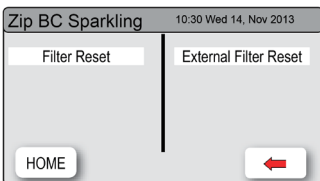
- Press [Filter Log] to check the filter resets.
- Press [<=] button for the previous menu or press [HOME] button to return to the home screen.

Zip BC Sparkling	15:11 Tue 26, July 2016
Total Energy	00010.4 (kWh)
Last Period	004.4 Reset 00.00.00
HOME	←
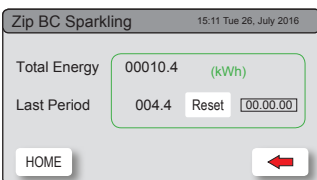
- Press [Energy] to review the energy usage.
- Press [Reset] for a new period.
- Press [<=] button for the previous menu or press [HOME] button to return to the home screen.

8.3 Install

Once your Zip HydroTap G4 unit has been installed, Go to the install menu to configure the system settings for your product.

BC Sparkling		10:30 AM, Wed 02, Mar 2016	
Filter Flush	Filter Reset	Boiling Calibration	Boost
Purge CO2	Lux Sensor Calibration		Advanced options
HOME		Reset	←

Sub menu
8.3.1 Filter flush.
8.3.2 Filter reset.
8.3.3 Boiling calibration.
8.3.4 Booster.
8.3.5 CO_2 purge.
8.3.6 Lux sensor calibration.
8.3.7 Advanced options
8.3.8 Reset

8.3.1 Filter flush

Have a bucket or similar container (not supplied) at the ready to hold a quantity of water that will be ejected while the filter flush mode is in operation. Open the filter access door on the front of the HydroTap G4 and the filter cartridge will be exposed. Located to the rear right hand side of the cartridge is a flush line, approx 600mm long and the flush line stop cock. Place the free end of the flush line into the bucket or container (not supplied).

Zip BC Sparkling	10:30 Wed 14, Nov 2013
Prepare filter flush as per instructions and press START	
START	STOP
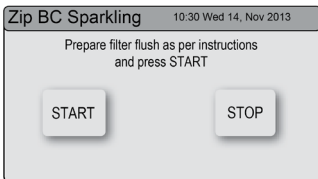
Note: Run at least 10 Litres of water through to flush the filter of any excess black carbon particles (this is normal). Once the filter flush has finished, press the [STOP] button to display the main menu

- Press [MENU] button for main menu.
- Press the [Install] button. Turn the stop cock on.
- Press the [Filter Flush] button.
- Press [START] button to start filter flush. Once the filter flush is finished, turn the stop cock off first (ensure the cock is properly closed) then press [STOP] to end filter flush mode.
- Press [<=] button for the previous menu or press [HOME] button to return to the home screen.
- After initial installation,turning off the filter flush mode puts the HydroTap G4 into calibration mode. With subsequent filter changes, the system reverts to the main menu.

OPEN Position

ON

CLOSED Position

OFF
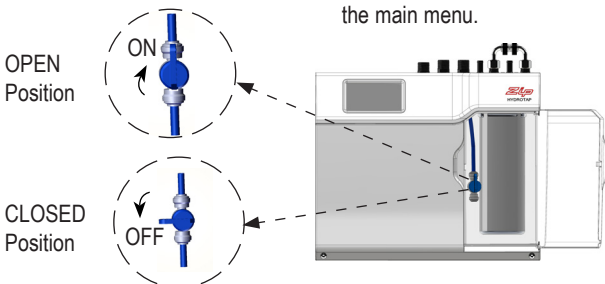
8.3.2 Filter reset

After replacing the filter, the counters should be reset.

Zip BC Sparkling	10:30 Wed 14, Nov 2013

Ensure new filter
has been flushed

Reset Internal filter   **Reset External filter**

HOME   ←
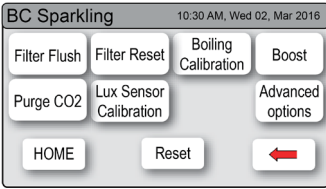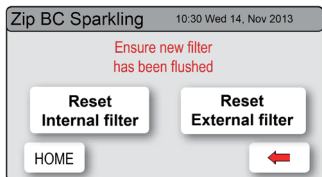
- Press the [MENU] button for main menu.
- Press the [Install] button.
- Press the [Filter Reset] button.
- Press the [Reset Internal Filter] / [Reset External Filter] button.
- If you need to flush the filter follow the filter flush guide, see page 18.
- To cancel the filter reset program press [HOME] or [<=].
- To set the filter life or edit filter usage, see page 24.

8.3.3 Boiling calibration (boiling models only)

Caution In general, boiling water units may vent steam from the tap spout. Take care to avoid personal injury whenever this occurs.

The Zip HydroTap G4 is equipped with a self-calibrating program. On start up, the controls take the system through a calibration process. Once this mode is completed the system reverts back to normal operation. If you would like to calibrate the system anytime after installed, please follow the steps below.

Zip BC Sparkling	10:30 Wed 14, Nov 2013

Boiling Water
97.5°
Steam Vent
53.0°
EL
Calibrate
To start press Calibrate button

HOME   ←

- Press the [MENU] button for main menu.
- Press the [Install] button.
- Press the [Boiling Calibration] button.
- In the next screen, press [Calibrate] if you want to start calibration.

8.3.4 Booster (boiling models only)

This function should only be used when a booster unit is installed.

Zip BC Sparkling	10:30 Wed 14, Nov 2013

Boost to boil   Disable ☐   Enable ☐

Ⓐ

HOME   ←
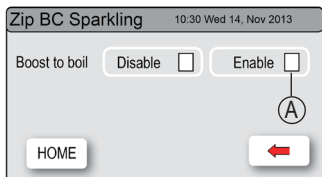
- Press the [MENU] button for main menu.
- Press the [Install] button.
- Press the [Boost] button.
- In the next screen, press button Ⓐ to enable the booster, dispense boiling water for 30 seconds and check the (insulated) outlet hose from the booster is warm.

⚠ Refer to the Command Centre instructions if installing a Booster.

Note Failing to make the correct selection for [Boost] will affect product performance.

8.3.5 CO_2 purge (sparkling models only)

When fitting a new gas cylinder, it is important to purge the gas lines.

BC Sparkling		10:30 AM, Wed 02, Mar 2016
Filter Flush	Filter Reset	Boiling Calibration	Boost
Purge CO2	Lux Sensor Calibration		Advanced options
HOME	Reset	←

- Press the [MENU] button for main menu.
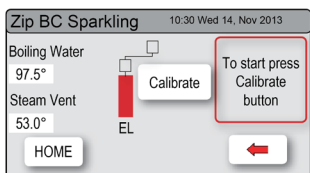- Press the [Install] button.
- Press the [Purge CO] button.
- In the next screen, press the [START] button to commence the purging process.
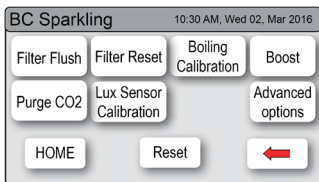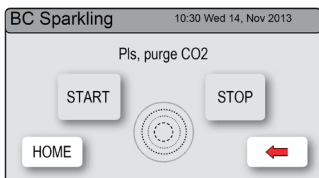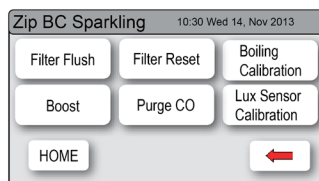- Wait for the water to stop flowing through the unit.
- Wait a further 10 seconds after the water has stopped running. During this time you will hear the CO_2 gas running through the tap.

BC Sparkling	10:30 Wed 14, Nov 2013
Pls, purge CO2	
START	STOP
HOME	←

8.3.6 Lux sensor calibration (Classic, Arc & Cube only)

Zip BC Sparkling	10:30 Wed 14, Nov 2013
Filter Flush	Filter Reset	Boiling Calibration
Boost	Purge CO	Lux Sensor Calibration
HOME	←

- Press the [MENU] button for main menu.
- Press the [Install] button.
- Press the [Lux Sensor Calibration] button.
- The lights on the tap head will flash to confirm calibration.

Note Correct operation of the Lux sensor can be verified by selecting Lux Sensor - OFF. When the room is subsequently darkened, below the calibrated light level, the lights will turn off after approx. 30 seconds.

8.3.7 Advanced options

Pump anti cavitation mode (Boiling water set temp must be below 98°C, see page 23).
This feature sends two electric pulses every 5minutes to the pump. This prevents the build up of air bubbles inside the pump and ensures an even flow of hot water at the tap.

Power Pulsing mode: (Set temp must be below 98°C, see page 23).
This is a default set point control feature which ensures the hot water is maintained as close as possible to the set point. This is achieved by applying a closer tolerance to the set point temperature range. It is estimated that 1 in 15,000 installations could experience intermittent flickering lights, during the boiling water recovery period. Disabling may overcome the flickering lights, however, the product may experience increased steaming.

8.3.7 Advanced options
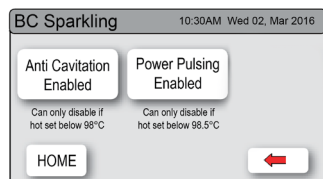
Fan speed adjustment
If the Command Centre is operating near 35°C or higher then the fan speed must be 100%. The fan speed may be adjusted for quieter operation only if the operating temperatures are considerably lower than 35°C.

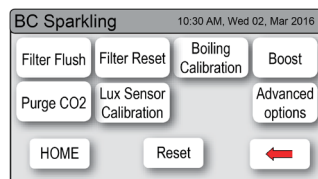| BC Sparkling		10:30 AM, Wed 02, Mar 2016
Filter Flush	Filter Reset	Boiling Calibration	Boost
Purge CO2	Lux Sensor Calibration		Advanced options
HOME		Reset	←
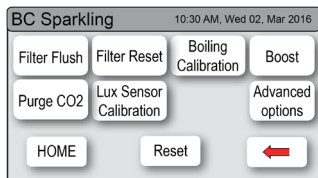
- Press [MENU] for main menu.
- Press [Install] .
- Press [Advanced Options].

Use this screen to Enable or Disable

- The pump Anti Cavitation mode
- The Power Pulsing mode
- Adjust the fan speed to: 50% / 75% / 100%

BC Sparkling	10:30AM Wed 02, Mar 2016
Anti Cavitation Enabled	Power Pulsing Enabled
Can only disable if hot set below 98°C	Can only disable if hot set below 98.5°C
HOME	←

8.3.8 Reset (restart)

BC Sparkling		10:30 AM, Wed 02, Mar 2016
Filter Flush	Filter Reset	Boiling Calibration	Boost
Purge CO2	Lux Sensor Calibration		Advanced options
HOME		Reset	←

- Press [MENU] for main menu.
- Press [Install] .

  Press [Reset] to power down and restart the system. This is useful if you need to reset a password in section 8.5.

8.4 Service

⚠️ **Caution** must be observed when changing any settings within the service menu as any changes may affect the normal operation of the unit. This can only be done by a Zip technician. Please contact your Zip service provider for further assistance.

Zip BC Sparkling	10:30 Wed 14, Nov 2013
Enter current password	
1 2 3 4	
5 6 7 8	
Del 9 0 Enter	←
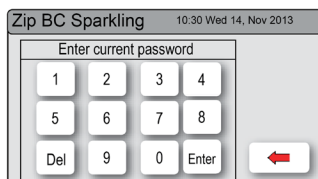
- Press the [MENU] button for main menu.
- Press the [Service] button.
- A password is required to enter service menu.

Note In UK call a licensed electrician / plumber,or call Zip on 0345 6 005 005, for assistance, service, spare parts or enquiries.

8.5 Security

The Zip HydroTap G4 allows the appliance coordinator to set up a password to protect against users changing the preferred system settings.

Zip BC Sparkling	10:30 Wed 14, Nov 2013
Enable Password	
HOME	←

To set a password
- Press the [MENU] button for main menu.
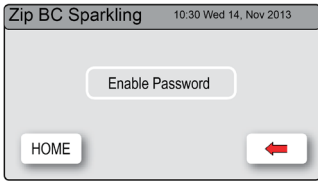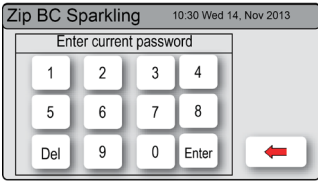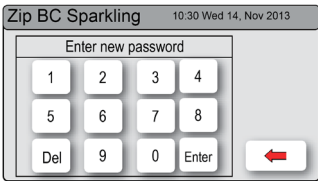- Press the [Security] button.
- Press [Enable Password].
- Enter a 4 digit password.
- Press [Enter].

Zip BC Sparkling	10:30 Wed 14, Nov 2013
Enter current password	
1 2 3 4	
5 6 7 8	
Del 9 0 Enter	←

To change a password
- Press the [MENU] button for main menu.
- Press the [Security] button.
- Press [Change Password].
- Enter your old 4 digit password.
- Then enter your new 4 digit password & press [Enter]. (Once the password has been set you will need to enter the password to access the settings screen. If you have forgotten the password, please disconnect the power and restart your HydroTap G4).

Zip BC Sparkling	10:30 Wed 14, Nov 2013
Enter new password	
1 2 3 4	
5 6 7 8	
Del 9 0 Enter	←

8.6 Communication

Zip BC Sparkling	10:30 Wed 14, Nov 2013
Enter current password	
1 2 3 4	
5 6 7 8	
Del 9 0 Enter	←
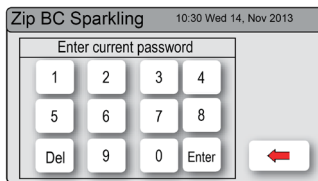
- From the Home screen press [Menu].
- Press [Comm's]
- Enter your 4 digit password to access the WiFi set up.
- Follow the set up instructions in the ZipAssist installation manual.

Zip BC Sparkling	15:11 Tue 26, July 2016
WiFi Setup	
Cloud server not registered	
Status: Hotspot disabled	Mode: Disabled ←
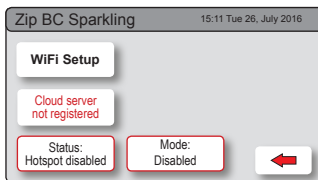
To disable the WiFi setup navigate to the WiFi screen (as above).

- Press [WiFi setup].
- In the next screen Press [Disable]
- Press [<=] button for the previous menu.

8.7 Settings

Zip BC Sparkling   10:30 Wed 14, Nov 2013
Enter current password
1	2	3	4
5	6	7	8
Del	9	0	Enter
←

Zip BC Sparkling   10:30 Wed 14, Nov 2013
| Date / Time | Temperature | Filter |
| Energy Modes | Safety | Dispense Time |
←

- Press the [MENU] button for main menu.
- Press the [Settings] button.
- Enter your 4-digit password and press [Enter].
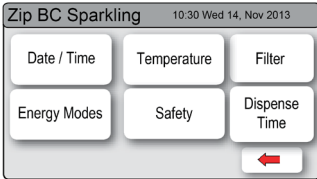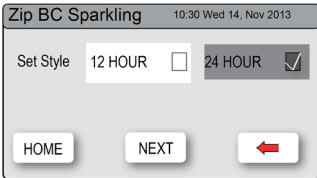- Once the password has been set you will need to enter the password to access the settings screen. If you have forgotten the password see page 22, LCD screen operation - section 8.5 security.

In the settings mode you will be able to access the following:

8.7.1 Set Date / Time

Zip BC Sparkling   10:30 Wed 14, Nov 2013
Set Style   12 HOUR ☐   24 HOUR ☑
HOME   NEXT   ←

HydroTap G4 Set date/time screen

- Press the [MENU] button.
- Press the [Setting] button.
- Enter your 4-digit password and press [Enter].
- Press the [Date/Time] button.
- Choose '12 HOUR' mode or '24 HOUR' mode by pressing the square button. The selected mode will be displayed in dark grey colour with a tick box on the right.
- Press [NEXT] button to set time.

8.7.2 Set temperature

Zip HydroTap G4s are designed to operate within 1ºC to 2ºC of set point for boiling water and between 3ºC to 5ºC for chilled and sparkling drinking water. All boiling water units are self calibrating to 98ºC, which is the recommended setting. Dependant upon model purchased, hot or cold set temperature can be adjusted . Adjustments to the factory setting are not recommended, however may be made .
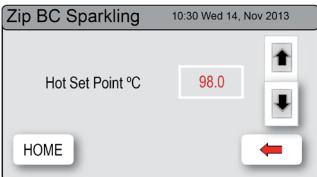
Zip BC Sparkling   10:30 Wed 14, Nov 2013
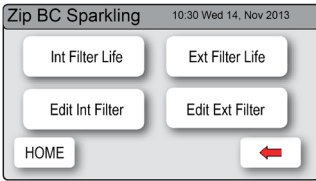Hot Set Point ºC   98.0   ⬆ ⬇
HOME   ←

- Press the [MENU] button for main menu.
- Press the [Settings] button.
- Enter your 4-digit password and press [Enter].
- Press the [Temperature] button.
- To adjust the temperature, press the relevant temperature button and then use the up and down arrows.

8.7.3 Filter

Zip HydroTap G4 allows the user to adjust filter life and edit filter usage.

| Zip BC Sparkling	10:30 Wed 14, Nov 2013
Int Filter Life	Ext Filter Life
Edit Int Filter	Edit Ext Filter
HOME	←

Note The filter life may be set as a function of litres used, or in months from the filter change. When the first of these functions is reached (i.e. litres or months expired), the filter warning light will be illuminated on the tap.
Either of these functions may be disabled (see below).

Zip BC Sparkling	10:30 Wed 14, Nov 2013
Int Filter Life (Litres)	06500 ⬆
Int Filter Life (Months)	12 ⬇
HOME	←
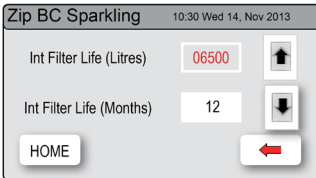
To edit the filter life
Press the [MENU] button for main menu.
- Press the [Settings] button.
- Enter your 4-digit password and press [Enter].
- Press the [Filter] button.
- Press the [Int Filter Life] / [Ext Filter Life] button.
- To change filter life, first select (Litres) or (Months) then press the up or down arrows to edit filter life.
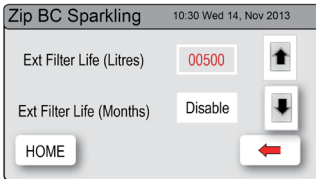
Note
Filter life increases in 500 litres increments to a maximum of 10000 litres. Factory set at 6000 litres.

Zip BC Sparkling	10:30 Wed 14, Nov 2013
Ext Filter Life (Litres)	00500 ⬆
Ext Filter Life (Months)	Disable ⬇
HOME	←

Zip BC Sparkling	10:30 Wed 14, Nov 2013
Edit Usage (Litres)	06000 ⬆
Edit Usage (Days)	12 ⬇
HOME	←

To edit the filter usage
This function is to reset the filter change display after a filter has reached the end of its life (see page 28, Filter maintenance).
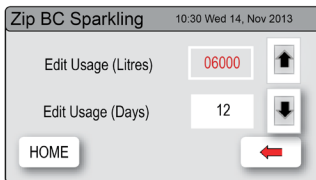- Press the [MENU] button for main menu.
- Press the [Settings] button.
- Enter your 4-digit password and press [Enter].
- Press the [Filter] button.
- Press the [Edit Int Filter] / [Edit Ext Filter] button.
- To change filter usage, first select (Litres) or (Days), then use the up and down arrows to edit the filter usage.
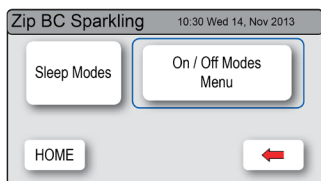
| Zip BC Sparkling	10:30 Wed 14, Nov 2013
Edit Usage (Litres)	01000 ⬆
Edit Usage (Days)	Disable ⬇
HOME	←
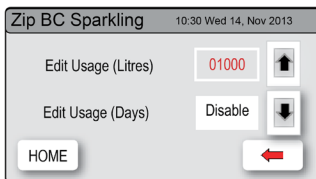
8.7.4 Energy modes

This mode allows the HydroTap G4 to go into energy saving mode. There are two options available: sleep mode and on/off mode.

In sleep mode the unit will go to "Sleep" after a 2hr period of inactivity. The boiling water will gradually drop to either 68°C or room temp, as shown in the table below and the chilled water will be ON or OFF.

Zip BC Sparkling	10:30 Wed 14, Nov 2013
Sleep Modes	On / Off Modes Menu
HOME	←

Zip BC Sparkling	10:30 Wed 14, Nov 2013
Sleep Modes	⬆
2 Hours -> 68°C	⬇
HOME	←

To activate sleep mode

- Press the [MENU] button for main menu.
- Press the [Settings] button.
- Enter your 4-digit password and press [Enter].
- Press the [Energy Modes] button.
- Press the [Sleep Modes] button then in the next screen, use the up and down arrow to select sleep mode from the 7 options in the table below.
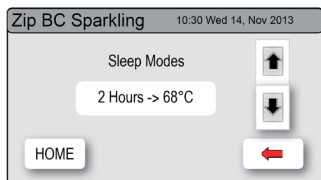
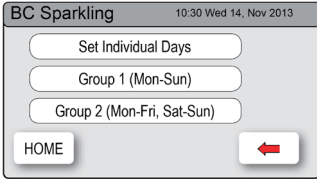| Sleep Mode*	Light level	Time delay	State	Boiler	Chiller
2 Hours > 68ºC	N/A	2 Hr	Sleep	68ºC	ON
2 Hours > OFF	N/A	2 Hr	OFF	OFF	OFF
Lux Sensor > 68ºC	Dark	N/A	Sleep	68ºC	ON
Lux Sensor > OFF	Dark	N/A	OFF	OFF	OFF
Lux Sensor or 2 Hr > 68ºC	Dark	2 Hr	Sleep	68ºC	ON
Lux Sensor or 2 Hr > OFF	Dark	2 Hr	OFF	OFF	OFF
Disable	N/A	N/A	ON	ON	ON

* Full list shown, available modes dependant upon model purchased.

It is recommended to recalibrate the lux sensor after selecting any of the lux sensor options from the sleep mode menu. (See page 20 ,Lux sensor calibration).(Classic, Arc / Cube only).

Note Any attempt, during off mode, to dispense water, will bring the unit out of sleep mode. The unit will return to sleep mode after 2 hours of non use. Please allow sufficient time for the water to reach the set temperature after disabling the sleep mode.

On/Off mode menu

On/Off mode allows the user to turn the unit on or off at a specific time.

| BC Sparkling	10:30 Wed 14, Nov 2013
Set Individual Days	
Group 1 (Mon-Sun)	
Group 2 (Mon-Fri, Sat-Sun)	
HOME	←

To activate On/Off mode

- Press the [MENU] button for main menu.
  Press the [Settings] button.
  Enter your 4-digit password and press [Enter].
- Press the [Energy Modes] button.
- Press the [On / Off Mode Menu] button.
- Select 'Individual Set' if you wish to allocate a specific time for each day.
- Select 'Group Set 1' if you wish to allocate the same time to all seven days.
- Select 'Group Set 2' if you wish to allocate the same time to the five working days (Mon-Fri) and additional times for weekends (Sat-Sun).

Individual set screen

Zip BC Sparkling	10:30 Wed 14, Nov 2013	
MON	TUE	WED
THU	FRI	SAT
HOME	SUN	←
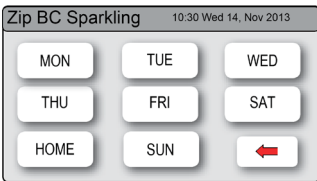
This screen allows you to select the individual days for programming. Only one On/Off period is allowed for each day.

Group set screen

Zip BC Sparkling	10:30 Wed 14, Nov 2013
Mon	
Time ON	06 : 50 ↑
Time OFF	01 : 30 ↓
HOME	←

Ⓐ
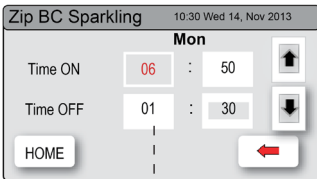
- Select 'Group Set 1' / 'Group Set 2' then press [NEXT].
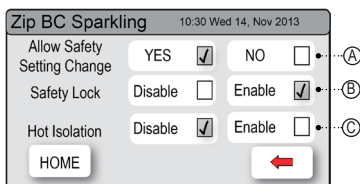- Press button Ⓐ to enable and set the On/Off time by scrolling with the up & down arrow keys.

Note Any attempt, during off mode, to dispense water, will bring the unit out of energy mode. The system will revert to the energy mode setting after 30 minutes of non use.

8.7.5 Safety

To allow the safety setting to be changed using the touch screen

- Press the [MENU] button for main menu.
- Press the [Settings] button.
- Enter your 4-digit password and press [Enter].
- Press the [Safety] button.
- Press button Ⓐ to allow the safety setting to be changed.

Zip BC Sparkling	10:30 Wed 14, Nov 2013		
Allow Safety Setting Change	YES ☑	NO ☐	Ⓐ
Safety Lock	Disable ☐	Enable ☑	Ⓑ
Hot Isolation	Disable ☑	Enable ☐	Ⓒ
HOME		←	

To enable or disable the safety lock on the tap
Press button Ⓑ to select 'Enable' / 'Disable'.

Note Upon completion all the settings can be protected by dis-allowing any setting changes by selecting 'NO' on the safety settings screen.

To activate the hot isolation (Classic only)

(The HydroTap G4 is equipped with a safety mode that allows for additional safety protection, if needed.

Hot isolation
- To allow safety changes, select 'YES' on the safety settings screen.
- To activate, press button Ⓑ to disable safety lock feature. Then press button Ⓒ to enable hot isolation.
- To de-activate, press button Ⓒ to disable hot isolation. Then press button Ⓑ to enable / disable the safety lock.
- To operate the tap when in hot isolation mode, touch the safety lock three times, around once per second, the LEDs will flash. This operation confirms de-activation and will remain de-activated for 30 seconds. The hot isolation can be immediately reset, by touching the safety lock three times again, or after 30 seconds of non use the unit will revert to hot isolation active mode.

Note Upon completion, all the settings can be protected by dis-allowing any setting changes by selecting 'NO' on the safety settings screen.

8.7.6 Dispense times

Zip BC Sparkling	07:00 am Wed 23, Oct 2013
Dispense Hot (Sec)	5
Dispense Cold (Sec)	15
HOME	
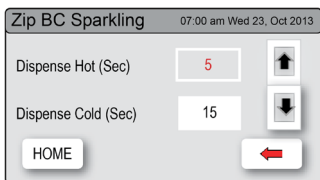
The ability to change the maximum dispensing time for both the hot and cold water has been introduced. The default settings for the maximum dispensing times is 15 seconds. The operator may change both the hot and cold dispensing times from 5 to 15 seconds, in increments of 1 second.

- Press the [MENU] button for main menu.
- Press the [Settings] button.
- Enter your 4-digit password and press [Enter].
- Press the [Dispense Time] button.
- Select the option to change and scroll using the up and down arrow keys.

SECTION 9 FILTER MAINTENANCE

9.1 Water filter

The HydroTap G4 notifies when filter replacement is due. If you notice one of the following, you will need to change the filter.

- The white change filter light will flash and remain so until reset.
- The filter percentage will show 0% on the home screen.

Note Depending on local water quality conditions and usage, the filter may require changing anywhere from 1,000 Ltrs to 10,000 Ltrs. You may also need to replace the filter if you notice unpleasant odours or tastes.

Some water may drip from the filter head (socket) during replacement. Keep a towel handy to dry up any drips.
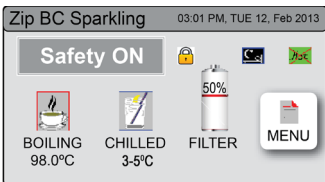
9.2 Water filter change

- Open the door of the Command Centre.
- Relieve system pressure via the filter flush stop cock, a quick open and close will do. Use the bucket to catch the discharge.
- Grasp filter cartridge, rotate the cartridge a quarter turn clockwise, then gently pull down.

- **Caution** Water will drip as the cartridge is removed.
- Do not tilt the cartridge as water may spill from it if tilted.
- Unpack replacement 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 (as shown in the "insert filter" diagram below), 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 18).
- When completed, clean up and dispose of old cartridge and packaging.
- Close the door to secure the appliance.
- Adjust the filter settings (see page 24) litres and days.

Remove filter   **Insert filter**


Rotate

Pull

Insert

Rotate

Warning: If the HydroTap G4 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 5 minutes before consumption.

9.3 Air inlet filter change

The HydroTap G4 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.

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.

Slide to remove
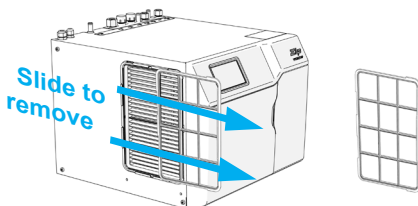
SECTION 10 THE CO_2 CYLINDER

10. 1 Changing the CO_2 cylinder

- Turn the CO_2 cylinder regulator off, turn clockwise to the end stop.
- Remove the cylinder from the cupboard and disconnect the regulator. If the braided hose is removed from the regulator, be careful not to lose the small plastic sealing olive, located inside the end of the hose.
- Screw the regulator and hose assembly clockwise onto the new cylinder. Be aware that some CO_2 may be discharged from the cylinder joint. Any CO_2 released will be cold.
- Install the cylinder in an upright position (use the hook and loop securing strap).
- Turn the regulator on (turn regulator knob anti-clockwise to end stop).
- Check all joints for gas leaks using a sponge and soapy water.
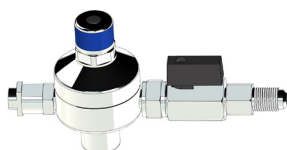- Purge the gas lines, see CO_2 purge , page 20.

10.2 CO_2 regulator

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

NON-FLAMMABLE NON-TOXIC GAS 2
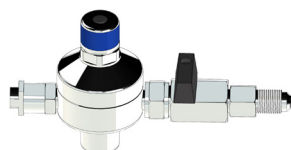
Regulator closed   **Regulator open**

10.3 CO_2 leak test

After replacing a cylinder or after making a gas connection, perform a leak test to check for gas leaks between regulator and cylinder, and between regulator and braided hose.

- Turn the gas off.
- Using soapy water applied with a sponge, or with a brush, cover all of the gas joints with a liberal amount of suds.
- Turn the gas on.
- Inspect the joint for leaks.
- If any bubbles appear, the joint will need to be resealed and tested again.

Test for leaks at these two points

Safety switch is enabled.
The HydroTap G4 will not dispense any Boiling water.
See tap sections for safety lock operation.

Safety switch is disabled.
Boiling water may be dispensed. See tap sections for safety lock operation.

Sleep mode is active.
There are 7 sleep mode options which display this icon on the home screen. See page 25 for details.

Heater is in off mode.
When this icon is displayed, no power is being supplied to the heating element. See page 25 for Energy Mode options.

Boiling temperature
The temperature of the water in the boiling tank will be displayed. This is optimises at 98°C but may be adjusted between 68°C- 98°C. See page 23 for hot set point adjustment.

Chilled temperature
The temperature of the water in the chilled tank will be displayed, dependant upon model purchased.

Filter use
This icon displays the filter usage remaining from 100% (new filter) to 0% (end of life). When it reaches 0% the filter warning light on the tap head will flash slowly. The filter life can be adjusted by litres and by days used.

SECTION 12 CLEANING

Do not use strong, corrosive spray or abrasive cleaners / chemicals.
Clean the casing, tapware, external filter, piping and all other fittings with a soft cloth and mild soap and water.
Do not spray water over the tap as it may damage the low-voltage electronics.
Caution: Should any of the plastic fittings accidentally come into contact with cleaners with a PH level less than 4, hypochlorite, hydrogen peroxide or any other aggressive chemical the affected component must be replaced immediately.
Command Centre units must never be located near, or cleaned with water jets. Avoid using airborne pesticides near the Command Centre.