ZIP HydroTap® G4
User manual
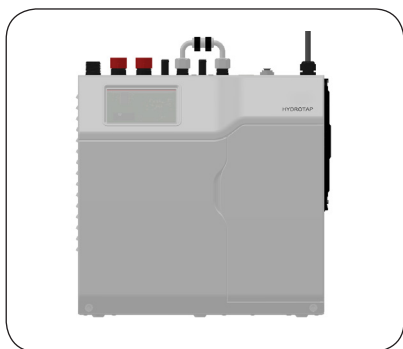
Affix model number label here

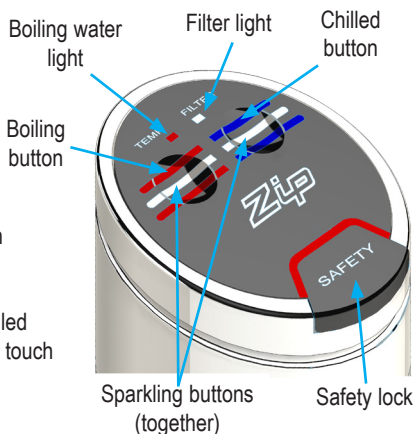**802006UK**

Table of contents

Elite HydroTap®G4

Elite functionality

The Elite tap uses touch sensitive controls to dispense boiling, chilled and sparkling water. When operating the tap ensure the touch surface is dry as moisture may interfere with the sensor touch control.

The safety lock can be controlled from either the tap or from the touch screen display (See page 23).

Boiling water light

Filter light

Chilled button

Boiling button

Sparkling buttons (together)

Safety lock

Tap lights
Red BOILING water light

Continually illuminated
This indicates that the boiling water is ready.

Flashing slowly
This indicates that the boiling water is below the set dispense temperature. Wait for the light to stop flashing before dispensing water. The light will typically flash after switching on, or coming out of sleep mode.

Flashing quickly - warning light
When the indicator light flashes fast and continuous, a system fault has occurred. Check for details on the faults screen (see page 13). If unable to rectify, call a qualified service agent.

White FILTER light

Filter light off
This indicates the filter is operating within its normal specified lifespan.

Filter light flashing slowly
The light will flash slowly when the filter is due for replacement and the LCD will show 'Filter Change. See 'To change the filter' page 24.

Tap safety

The safety lock feature is provided to prevent boiling water flowing if the red BOILING control is inadvertently activated.
This function can be activated and deactivated from either the tap or from the touch screen display (located on the Command-Centre™).

Elite HydroTap®G4

To activate the safety lock from the tap
(Ensure 'Allow safety settings change' is selected, see page 23).
First place a finger over the safety lock, then touch the CHILLED button, keep both fingers in position for a period of approximately ten seconds.

To deactivate the safety lock from the tap
First place a finger over the safety lock, then touch the CHILLED button while keeping both fingers in position for a period of approximately ten seconds.

- To allow the safety setting to be changed using the touch screen, (see page 23).
- To enable or disable the tap safety lock, (see page 23).
- For hot isolation, (see page 23).

To dispense water

To dispense boiling water with the safety lock off
Touching the red BOILING button allows the dispensing of boiling water.

To dispense boiling water with the safety lock on
Place a finger on the safety lock, then touch the red BOILING button,keeping both fingers in position to dispense boiling water.

To dispense chilled water
Touch the blue CHILLED button to dispense chilled water.
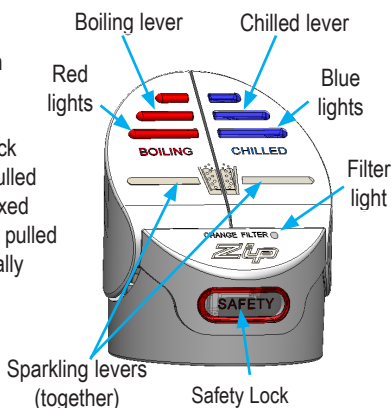
To dispense sparkling water
Touch the blue CHILLED button and red BOILING button together, simultaneously to dispense sparkling water.

Classic functionality

The Classic tap uses lever switch controls to operate the tap.

Lever controls can be pushed back to dispense water manually, or pulled forward to dispense water for a fixed time period, (see page 24). Once pulled forward, levers need to be manually returned to the OFF position.

The safety lock can be controlled from either the tap or from the touch screen display (See page 23).

Boiling lever Chilled lever

Red lights

Blue lights

Filter light

Sparkling levers (together)

Safety Lock

Tap lights
Red BOILING water lights

Continually illuminated
This indicates that the boiling water is ready.

Flashing slowly
This indicates that the boiling water is below the set dispense temperature. Wait for the light to stop flashing before dispensing water. The light will typically flash after switching on, or coming out of sleep mode.

Flashing quickly - warning light
When the indicator light flashes quickly and continuously, a system fault has occurred.
Check for details on the faults screen (see page 13). If unable to rectify, call a qualified service agent.

Blue CHILLED water lights

Continually illuminated
This indicates that the temperature of the chilled water is within the set temperature range.

Flashing slowly
This indicates that the chilled water is not within the set temperature range. When the chilled water is at the set temperature, the light will stop flashing. This could take several minutes.
During heavy usage, the temperature can rise out of this range.

White FILTER light

Filter light off
This indicates the filter is operating within its normal specified lifespan.

Filter light flashing slowly

The light will flash slowly when the filter is due for replacement and the LCD will show 'Filter Change'. (See To change the filter, page 24).

Tap safety

The safety lock feature is provided to prevent boiling water flowing if the red BOILING control is inadvertently activated.

This function can be activated and deactivated from either the tap or from the touch screen display (located on the Command-Centre™).

To activate the safety lock from the tap

(Ensure 'Allow safety settings change' is selected, see page 23).

First place a finger over the safety lock, then depress the blue CHILLED lever, keep both fingers in position for a period of approximately ten seconds. The safety lock indicator light will illuminate.

To deactivate the safety lock from the tap

First place a finger over the safety lock, then depress the blue CHILLED lever, while keeping both fingers in position for a period of approximately ten seconds. The safety lock indicator light will extinguish.

- To allow the safety setting to be changed using the touch screen, (see page 23).
- To enable or disable the tap safety lock, (see page 23).
- For hot isolation, (see page 23).

To dispense water

To dispense boiling water with the safety lock off

Press the red BOILING lever to dispense boiling water.

Pulling forward the red BOILING lever allows the tap to operate in a "no-touch" mode. Water will flow from between 5 and 15 seconds (this is user adjustable, see page 24).

To reset, return the lever to the OFF position and repeat the step. (The lever has to be manually returned to the OFF position).

To dispense boiling water with the safety lock on

Press the red BOILING lever, while simultaneously covering the safety lock button with a second finger. These two actions need to occur within 2 seconds to dispense boiling water.

To dispense chilled water

Press the blue CHILLED lever to dispense chilled water.

Pulling forward the blue CHILLED lever allows the tap to operate in a "no-touch" mode. Water will flow from between 5 and 15 seconds (this is user adjustable, see page 24).

To reset, return the lever to the OFF position and repeat the step. The lever has to be manually returned to the OFF position.

To dispense sparkling water

Press both blue CHILLED and red BOILING levers together, simultaneously to dispense sparkling water.

Pulling forward the blue CHILLED and red BOILING levers together allows the tap to operate in a "no-touch" mode. Water will flow from between 5 and 15 seconds (this is user adjustable, see page 24).

To reset, return the lever to the OFF position and repeat the step. The lever has to be manually returned to the OFF position.

Safety sensor calibration

Light intensity varies from site to site, therefore it is recommended that a recalibration be performed at the time of the installation.

All direct sunlight must be shaded from the HydroTap®G4, during the calibration. This can be achieved by closing any nearby curtains, blinds, etc.

- 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 switch.
- Return the levers to the neutral position.

Pull both levers forward

Safety sensor

Arc and Cube HydroTap®G4

Arc / Cube functionality

On power up, wait 30secs. for the unit to calibrate before selecting either the BOILING red illuminated with safety, CHILLED blue or SPARKLING white illuminated water mode, by touching the select button.

Indicator light

Select button

Safety button

The Arc / Cube control may be rotated in a forward or reverse direction to dispense water.

Rotary control

The rotary control is spring loaded in the forward direction and when released, will return to the OFF position.

When rotated in the reverse direction the tap operates in a POT FILL mode. Water will flow from between 5 and 15 seconds (This is user adjustable, see page 24). To reset, return the control to the OFF position and repeat the step. The control has to be manually returned to the OFF position.

When unattended, the control light will automatically default to the CHILLED (blue illuminated) mode after a short period.
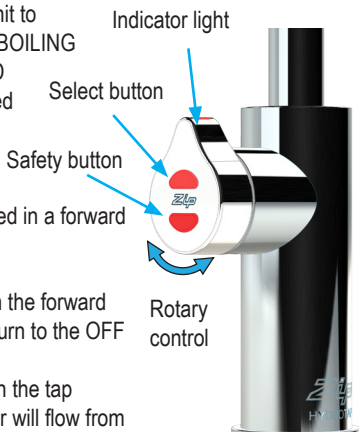
Tap lights

Red BOILING water (safety, select and indicator) lights

Continually illuminated
This indicates that the boiling water is ready.

Flashing slowly
This indicates that the boiling water is below the set dispense temperature. Wait for the light to stop flashing before dispensing water. The light will typically flash after switching on, or coming out of sleep mode.

Flashing quickly - warning light
When the indicator light flashes quickly and continuously, a system fault has occurred.
Check for details on the faults screen (see page 13). If unable to rectify, call a qualified service agent.

Arc and Cube HydroTap®G4

Blue CHILLED water lights (safety, select and indicator)

Continually illuminated
This indicates that the temperature of the chilled water is within the set temperature range.

Flashing slowly
This indicates that the chilled water is not within the set temperature range. When the chilled water is at the set temperature, the light will stop flashing. This could take several minutes.
During heavy usage, the temperature can rise out of this range.

Filter lights
All three tap lights (Safety, Select and Indicator light) will flash white every 10 seconds, indicating a filter change is required.

Reset the filter light see page 15.

To dispense water

To dispense boiling water with the safety lock off
Touch the SELECT button until the indicator and select lights illuminate red. Rotate the control when the indicator lights are illuminated red to dispense boiling water.

To dispense boiling water with the safety lock on
Touch the select button until the indicator, select and safety buttons illuminate red, then touch the safety button twice until the three red lights flash (the lights will flash for approx. 2 seconds) if the tap control is not rotated, then the select, safety and indicator lights will return to continually illuminated red (and after a short period the select and indicator lights will return to continually illuminated blue as a safety precaution).
Boiling water may be dispensed by rotating the control while the three red illuminated lights are flashing.
While dispensing boiling water, all three red illuminated lights will continue to flash.

To dispense chilled water
Rotate the control when the indicator light is illuminated blue to dispense chilled water.
If illuminated red or white, touch the SELECT button until the indicator light illuminates blue.

To dispense sparkling water
Rotate the control when the indicator light is illuminated white to dispense sparkling water.
If illuminated red, or blue touch the SELECT button until the indicator light illuminates white.

All-in One HydroTap®G4

Tap functionality and operation

The top of the All-in-One tap is operated in the same manner as a Classic HydroTap®G4. The two levers are used for dispensing boiling, chilled and sparkling water. The safety lock also operating in the same manner as the Classic HydroTap®G4.

The mixer tap lever is operated as a conventional 'flick mixer'. The hot direction is marked with a red dot and the cold direction with a blue dot, for dispensing cold to warm water.

Moving the lever away from the tap will increase the flow rate and towards the tap will decrease the flow rate.

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 final temperature will be dependant on the temperature of the incoming cold water. The spout may be swivelled, left or right, for convenience.

Classic , Arc and Cube mixer taps
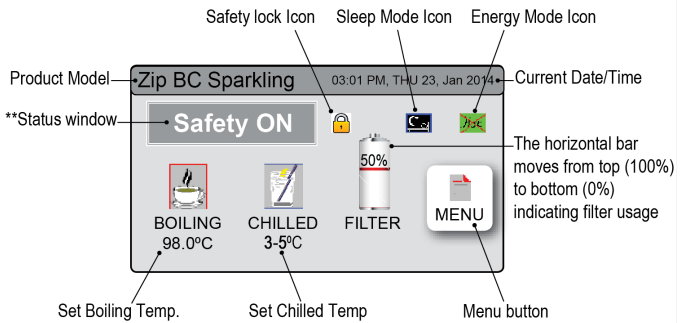
Tap functionality and operation

Classic, Arc and Cube mixer taps operate in the same manner as the All in One mixer tap, detailed above.

LCD screen

Zip HydroTap®G4 features a 'TOUCH' screen for easy setup and operation adjustment.

(See page 27 for home menu icons).

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 G - Safety
System Fault	Product has one or more system faults	Refer to section B - System info.
Sleep Mode	System is in sleep mode. Boiling water or hot water is not available.	Refer to section G - Energy mode
Change Filter	External/Internal filter needs to be replaced	Refer to section C - Installation
System Off	System off in off mode. No boiling water or chilled water available.	Refer to section G - Energy mode
Hot Isolated	Hot isolation has been activated. Boiling water or hot water is not available.	Refer to section G - Safety

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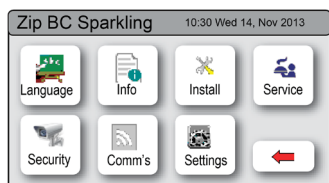**Note** As an energy saving feature, the home screen will turn off after 5 minutes of non use. Touching the darkened LCD panel will reactivate the home screen.

LCD screen menu

Main menu	Sub menu	Sub menu options	Section
Language	English / Deutsch		**A**
Information	• Product info. • System faults • Energy • Filters log • Recent faults	• Module/Revision Serial number Product number Calibration • Filters • Faults found	**B**
Installation	• Filter flush / reset • Boiling calibration • Booster • Purge CO_2 • Lux sensor cal • Advanced options	• Start/Stop • Internal/External • Calibration options • Enable/Disable • Start/Stop • Cavitation/Pulse	**C**
Service	Password protected		**D**
Security	• Enable password	• Set password • Change password	**E**
Communication	• Remote monitor	• Wifi Options	**F**
Settings	• Date/Time • Temperature • Filter • Energy modes • Safety • Dispense times	• 2hr/24hr Mode • Hot set point • Filter life (Litres) Filter life (Months) • Sleep mode options On/Off modes • Safety lock Hot isolation • Hot/Cold dispensing	**G**

LCD screen operation - section A

A. Set language

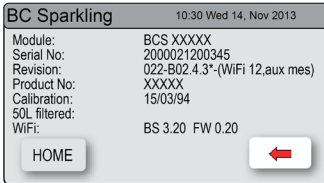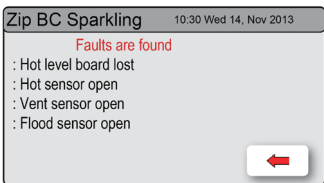|	
Zip BC Sparkling 10:30 Wed 14, Nov 2013 Language Info Install Service Security Comm's Settings ←	• Press the [MENU] button for main menu. • Press the [Language] button. • Select the language. • Press [<=] button for the previous menu.

LCD Screen operation - section B

B. System information

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

BC Sparkling	10:30 Wed 14, Nov 2013
Product Info	System Faults
Filters Log	Recent Fault Log
Energy	←
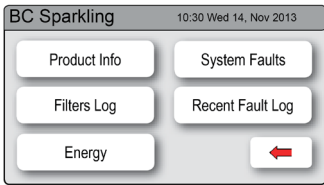
- Press the [MENU] button for main menu.
- Press the [Info] button to view the product serial number and other key information.

Zip BC Sparkling	10:30 Wed 14, Nov 2013

BC Sparkling   10:30 Wed 14, Nov 2013

Module: BCS XXXXX
Serial No: 2000021200345
Revision: 022-B02.4.3*-(WiFi 12,aux mes)
Product No: XXXXX
Calibration: 15/03/94
50L filtered:
WiFi: BS 3.20 FW 0.20
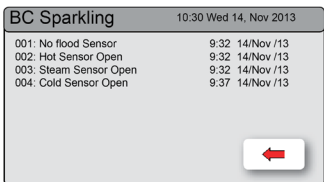
HOME   ←

- 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
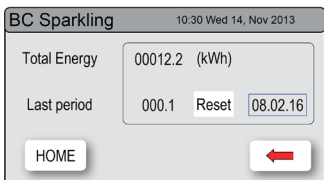: Flood sensor open

                                ←

- Press [System Faults] 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
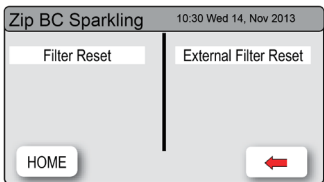
HOME   ←

- Press [Filters Log] to view filter events.
- Use the scroll buttons to view the events log.
- Press [<=] button for the previous menu.

BC Sparkling   10:30 Wed 14, Nov 2013

001: No flood Sensor   9:32 14/Nov /13
002: Hot Sensor Open   9:32 14/Nov /13
003: Steam Sensor Open   9:32 14/Nov /13
004: Cold Sensor Open   9:37 14/Nov /13

                                ←

- Press [Recent Fault Log] to view the last recorded faults
- Press [<=] button for the previous menu or press [HOME] button to return to the home screen.

BC Sparkling   10:30 Wed 14, Nov 2013

Total Energy   00012.2   (kWh)

Last period   000.1   Reset   08.02.16

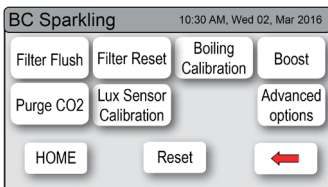HOME   ←

- Press [Energy] to view Energy information.
- The Total energy consumption will be displayed, or
- Press reset to view the energy used for a new period.
- Press [<=] for the previous menu or press [Home] to return to the home screen.

LCD screen operation - section C

C. Installation

Once your Zip HydroTap®G4 unit has been installed, Go to the install menu to configure the system settings for your product.
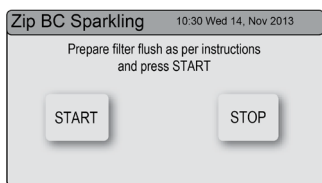
| BC Sparkling | 10:30 AM, Wed 02, Mar 2016 |

Filter Flush	Filter Reset	Boiling Calibration	Boost
Purge CO2	Lux Sensor Calibration		Advanced options
HOME		Reset	←

Sub menu
1. - Filter flush.
2. - Filter reset.
3. - Boiling calibration.
4. - Booster.
5. - CO_2 purge.
6. - Lux sensor calibration.
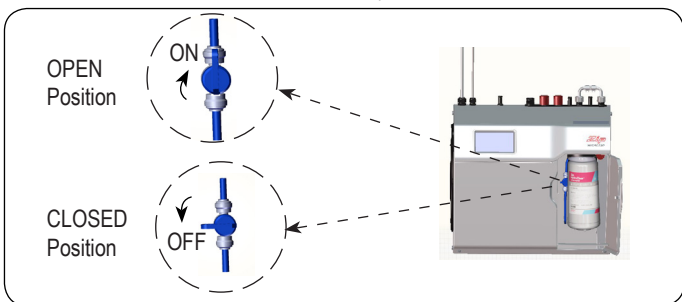7. - Advanced options
8. - Reset

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 Ltrs 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.
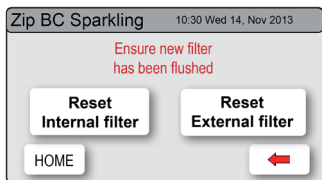
- Press [MENU] button for main menu.
- Press the [Install] button. Turn the stop cock on.
- Press the [Filter Flush] button.
- Press [START] button to start filter flush. Once the filter flush is finished, turn the stop cock off first (ensure the cock is properly closed) then press [STOP] to end filter 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

The Zip HydroTap®G4 allows the user to adjust the filter life and to edit the filter usage. (See page 20).

LCD screen operation - section C

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

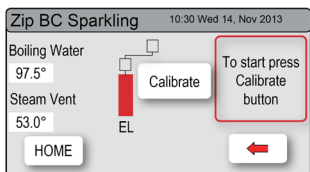**Reset Internal filter**　　**Reset External filter**

HOME ←

- Press the [MENU] button for main menu.
- Press the [Install] button.
- Press the [Reset Internal Filter/ Reset External Filter] button.
- If you want to flush the filter. Follow the filter flush steps to start filter flush. To set the filter life or edit filter usage see page 20.

3. Boiling calibration

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 ←

Boiling calibration screen

- 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.

4. Booster

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

Zip BC Sparkling 10:30 Wed 14, Nov 2013
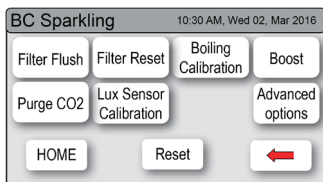
Boost to boil　Disable ☐　Enable ☐

Ⓐ

HOME ←
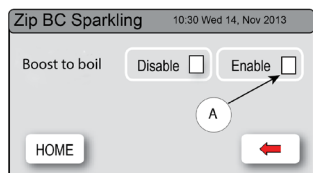
Booster screen

- Press the [MENU] button for main menu.
- Press the [Install] button.
- Press the [Booster] button.
- In the next screen, press button Ⓐ to enable the booster.
- Dispense boiling water for 30 secs and check the outlet hose from the booster is warm.

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

LCD screen operation - section C

5. CO₂ purge

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

- 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 tap.
- Wait a further 10 seconds after the water has stopped flowing. During this time you will hear the CO₂ gas running through the tap.
- Press stop.
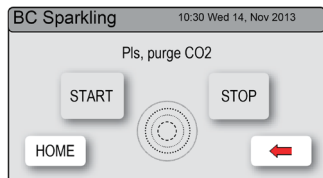
6. Lux sensor calibration

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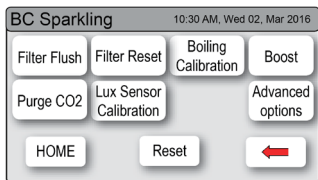
- Press the [MENU] button for main menu.
- Press the [Install] button.
- Press the [Lux Sensor Calibration] button.
- The lights on the tap head will flash to confirm calibration.

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.

7. Advanced options

Pump anti cavitation mode (Boiling water set temp must be below 98°C, see page 19).
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 19).
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,
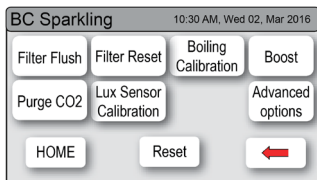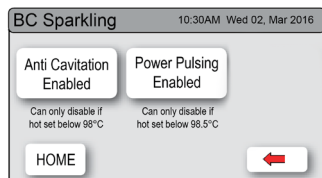
7. **Advanced options** continued

however, the product may experience increased steaming.

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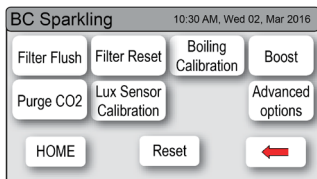
BC Sparkling		10:30 AM, Wed 02, Mar 2016
Filter Flush	Filter Reset	Boiling Calibration
Purge CO2	Lux Sensor Calibration	Boost
HOME		Advanced options
	Reset	←

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

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	←

Use this screen to Enable or Disable

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

8. **Reset** (restart)

| BC Sparkling		10:30 AM, Wed 02, Mar 2016
Filter Flush	Filter Reset	Boiling Calibration
Purge CO2	Lux Sensor Calibration	Boost
HOME		Advanced options
	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 E or in section G.

D. Service

LCD screen operation - section D

⚠ **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
			←
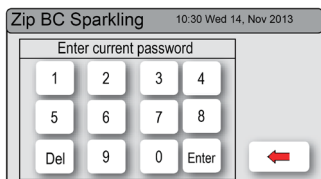
- Press the [MENU] button for main menu.
- Press the [Service] button.
- A password is required to enter service menu.

G4 HydroTap®G4 Password screen

Note In UK call a licensed electrician / plumber,or call Zip by Telephone: 0345 6 005 005 for assistance, service, spare parts or enquiries.
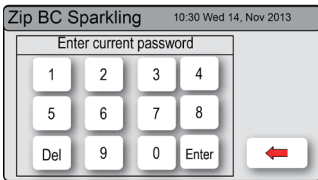
E. Security

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 ⬅
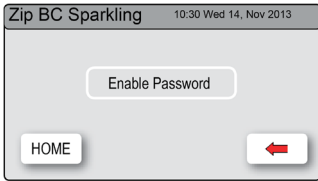
To set a password

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

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. You will need to enter your password to access the settings screen. If you have forgotten the password, please disconnect the power and restart your HydroTap®G4.
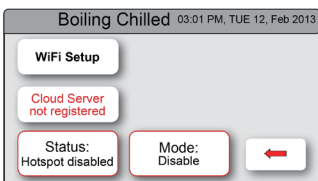
Zip BC Sparkling	10:30 Wed 14, Nov 2013

Enter new password

1	2	3	4
5	6	7	8
Del	9	0	Enter	⬅

F. Communication

The Zip HydroTap®G4 allows the user to use Wi-Fi to operate the product remotely.

BC Sparkling	10:30 Wed 14, Nov 2013

Enter current password

1	2	3	4
5	6	7	8
Del	9	0	Enter	⬅
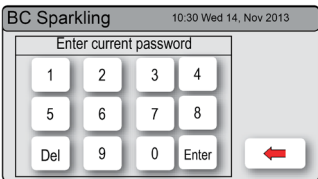
- From the Home screen Press [Menu].
- [Press] Comm's
- Enter your 4 digit password to access the WiFi set up.
- Follow the set up instructions in the ZipAssist installation manual.

Boiling Chilled	03:01 PM, TUE 12, Feb 2013

WiFi Setup

Cloud Server not registered

| Status: Hotspot disabled | Mode: Disable | ⬅ |

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.
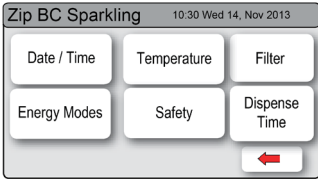
LCD screen operation - section G
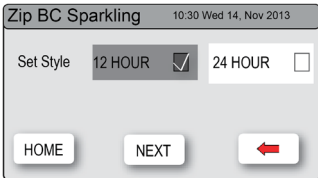
G. Settings
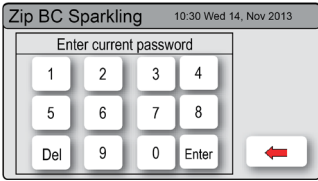
- Press the [MENU] button for main menu.
- Press the [Settings] button.
- Then enter your 4-digit password.

  You will need to enter your password to access the settings screens. If you have forgotten the password see page 18, LCD screen operation - section E security.

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

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 for main menu.
- Press the [Setting] button.
- 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.
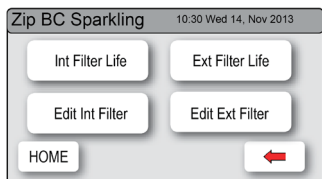
Set temperature

Zip HydroTap®G4s are designed to operate within 1ºC to 2ºC of the set point for boiling water and between 3º- 5ºC for chilled and chilled sparkling drinking water. All boiling water units are self calibrating to 98ºC, which is the recommended setting. Adjustments to the 98ºC setting are not recommended however under certain circumstances adjustments may be made between 68º and 98ºC. See below.

Zip BC Sparkling   10:30 Wed 14, Nov 2013

| Hot Set Point ºC | 98.0 | ↑ ↓ |

| HOME | | ← |
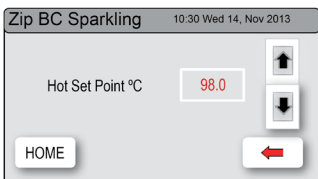
LCD screen operation - section G

Filter

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

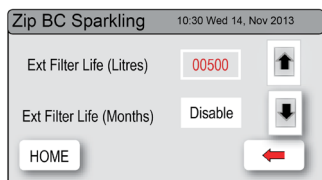| Zip BC Sparkling	10:30 Wed 14, Nov 2013
Int Filter Life	Ext Filter Life
Edit Int Filter	Edit Ext Filter
HOME	←

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	←
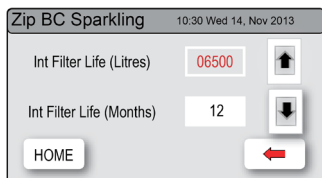
To edit the filter life
- Press the [MENU] button for main menu.
- Press the [Setting] button.
- Press the [Filter] button.
- Press the [Int Filter Life] / [Ext Filter Life] button.
- To change filter life, first select (Litres) or (Months), then press the up or down arrows to edit filter life.
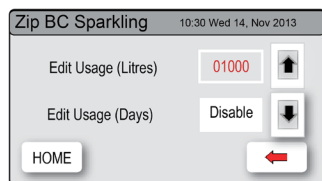
Zip BC Sparkling	10:30 Wed 14, Nov 2013
Ext Filter Life (Litres)	00500 ⬆
Ext Filter Life (Months)	Disable ⬇
HOME	←

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
Edit Usage (Litres)	06000 ⬆
Edit Usage (Days)	12 ⬇
HOME	←
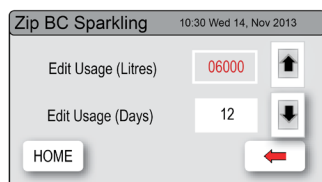
To edit the filter usage
This function is to reset the filter change display after a filter has reached the end of its life (see page 25 Filter maintenance).
- Press the [MENU] button for main menu.
- Press the [Setting] button.
- Press the [Filter] button.
- Press the [Edit Int Filter] / [Edit Ext Filter] button.
- To change filter life, 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	←

LCD Screen operation - Section G

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	←
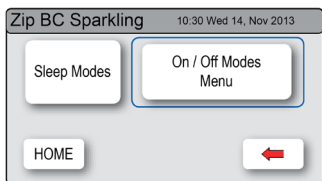
To activate the sleep modes

- 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.

Zip BC Sparkling	10:30 Wed 14, Nov 2013
Sleep Modes	⬆
2 Hours -> 68°C	⬇
HOME	←
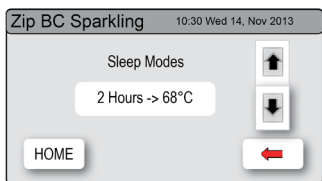
Sleep Mode	Light level	Time delay	State	Boiler	Chiller
2 Hours > 68⁰C	N/A	2 Hr	Sleep	68⁰C	ON
2 Hours > OFF	N/A	2 Hr	OFF	OFF	OFF
Lux Sensor > 68⁰C	Dark	N/A	Sleep	68⁰C	ON
Lux Sensor > OFF	Dark	N/A	OFF	OFF	OFF
Lux Sensor or 2 Hr > 68⁰C	Dark	2 Hr	Sleep	68⁰C	ON
Lux Sensor or 2 Hr > OFF	Dark	2 Hr	OFF	OFF	OFF
Disable	N/A	N/A	ON	ON	ON

It is recommended to recalibrate the lux sensor after selecting any of the lux sensor options from the sleep mode menu. (See page 16 ,Lux sensor calibration).(Classic, Arc / Cube only).

LCD Screen operation - Section G

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

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

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

To activate On/Off modes

- 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 Modes 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	←
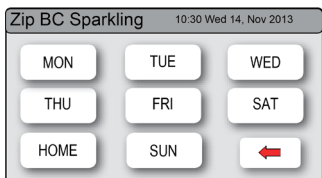
This screen allows you to select the individual days for programming. Only one On/Off period is allowed for each day.

Group set screen

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

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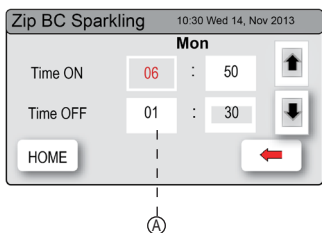
- Select 'Group Set 1' / 'Group Set 2' then press [NEXT].
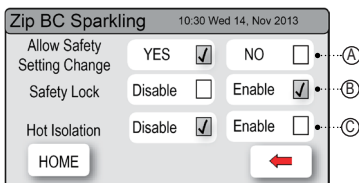- Press button Ⓐ to enable and set the On/Off time by scrolling with the up & down arrow keys.

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.

LCD Screen operation - section G

Safety

To allow the safety setting to be changed using the touch screen (Classic and Elite)

- Press the [MENU] button for main menu.
- Press the [Setting] button.
- Press the [Safety] button.
- Press button (A) to allow the safety setting to be changed.

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

To enable or disable the safety lock on the tap

- Press button (B) 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 and Elite)
The HydroTap®G4 is equipped with a safety mode that allows for additional safety protection, if needed.

**Hot isolation** (do not enable with Arc / Cube)
To allow safety changes, select [YES] on the safety settings screen.

- To activate, press button (B) to disable safety lock feature. Then press button (C) to enable hot isolation.
- To de-activate, press button (C) to disable hot isolation. Then press button (B) 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.

LCD Screen operation - section G

Dispense times
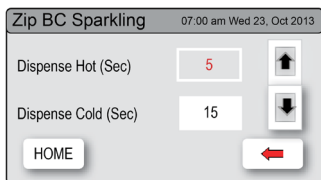
The ability to change the maximum dispensing time for both the hot and cold water has been introduced. The default settings for the maximum dispensing times is 15 seconds. The operator may change both the hot and cold dispensing times from 5 to 15 seconds, in increments of 1 second.

To edit the dispensing times.

- Press the [MENU] button for main menu.
- Press the [Setting] button.
- Press the [Dispense Time] button.
- Select the option to change and scroll using the up and down arrow keys.

Filter maintenance

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 change filter lights 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 500 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.
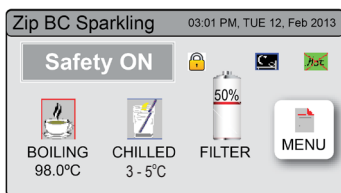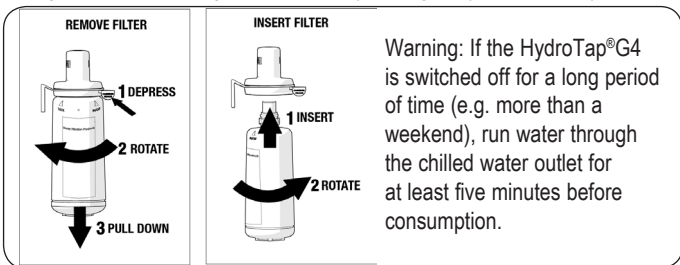

To change the filter

- 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, depress the red lever at the top right of the filter and rotate the cartridge a quarter turn clockwise, then gently pull down.

Filter maintenance

- **Caution.** A small amount of 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 the cartridge comes to complete stop and is locked into position, with the front label facing forward.
- Initiate the filter flush programme by scrolling through the menu screen (see page 14).
- When completed, wipe up any spills and dispose of spent filter cartridge and packaging thoughtfully.
- Close the door to secure the appliance.
- Adjust the filter settings in Section G (see page 20) litres and days used.

REMOVE FILTER

1 DEPRESS
2 ROTATE
3 PULL DOWN

INSERT FILTER

1 INSERT
2 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 five minutes before consumption.

Air Inlet Filter

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
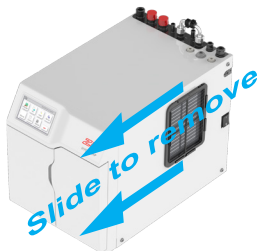
Changing the CO2 cylinder

- Turn the CO2 cylinder regulator off (anti-clockwise). The knob will screw up and away from the bottle.
- 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.
- Fit the regulator and hose assembly to the new cylinder. Be aware that some CO2 may be discharged from the cylinder joint. Any CO2 released will be cold.
- Install the cylinder in an upright position (use the hook and loop securing strap).
- Turn the regulator on (clockwise) and adjust to 2.7 bar. (green zone on dial).
- Check all joints for gas leaks using a sponge and soapy water.
- Purge the gas lines, see CO2 purge, page 16.

Cleaning

General 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™.

Home menu icons

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 21 for details.

Heater is in off mode.
When this icon is displayed, no power is being supplied to the heating
element. See page 21 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 19
for hot set point adjustment.

Chilled temperature
The temperature of the water in the chilled / sparkling tank will be displayed,
between 3°C and 5°C.

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.

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. For terms of warranty please see the back page of the installation guide. You can download a copy of the installation guide from www.zipwater.com/uk

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