# HydroTap® G4
# User Manual


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- LCD Screen & Menu .....(Pages 12-26)
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**Date of Installation...../...../.....**

## BCS Residential

**Affix Model Number Label Here**

**802006NZ**

**For safe keeping store this book in the inside door pocket**

zenith

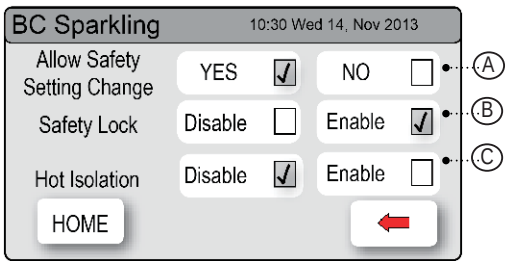
# Notes

# Tap Safety

The safety lock feature is provided to prevent boiling water flowing if the hot lever is inadvertently operated.
This function can be activated and deactivated from either the Tap or from the touch screen display (Located on the unit in the cupboard).

## To set the tap safety setting: (Classic; Elite & All-In-One taps)

1. Press [MENU] button for main menu.
2. Press [Setting] button.
3. Press [Safety] button.
4. Press button Ⓐ YES / NO to allow or disallow the safety setting to be changed on the tap.



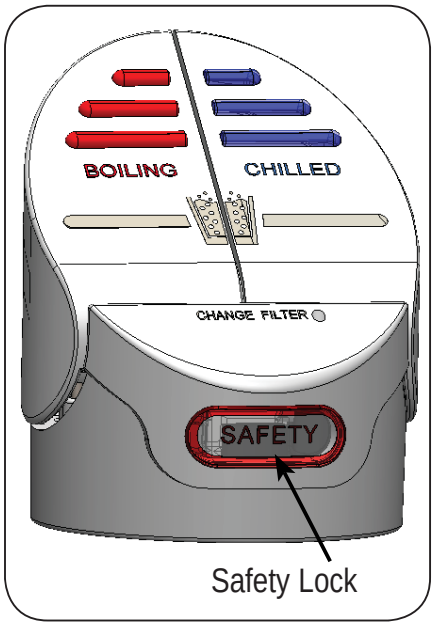

**Note:** The Factory setting is set at YES

## To activate the safety for Classic, Elite & AIO)

### (From the tap):

After selecting to allow the safety setting from the menu screen. Place a finger on the safety lock, then depress the Classic Blue/Chilled lever or touch the Elite Blue/ Chilled Button, while keeping both fingers in position for more than ten seconds.
The Classic safety lock indicator light will now be illuminated or the Elite lights will flash, momentarily.

**HydroTap Classic**




## To deactivate the safety

### (From the tap):

First place a finger on the safety lock, then depress the Classic Blue/Chilled lever or touch the Elite Blue/Chilled Button, while keeping both fingers in position for more than ten seconds. The Classic safety lock indicator light will now extinguish or the Elite lights will flash, momentarily.

**Elite Tap**

## To control the safety

### (From the touch screen):

(See page 25)

## For Hot Isolation:

Not for HydroTap Arc/Cube, (see page 25)

# Tap functions

## Elite Tap:

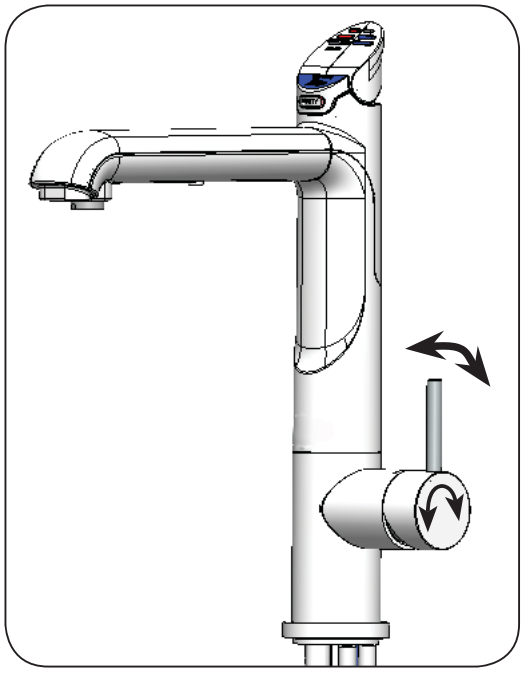
The Elite tap uses touch sensitive controls, to dispense Boiling, Chilled and Sparkling water.

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 in the same way as the Classic tap (See page 3)

## All-In-One Tap:

The top of the All-In-One tap is operated the same as a Classic HydroTap. The two levers are used for dispensing Boiling, Chilled and Sparkling water. The safety button operating in the same way as on the HydroTap.



The Mixer tap lever is operated as a classic 'Flick Mixer'. The hot side is marked with a red mark and the cold side with a blue mark, for dispensing cold to warm water.

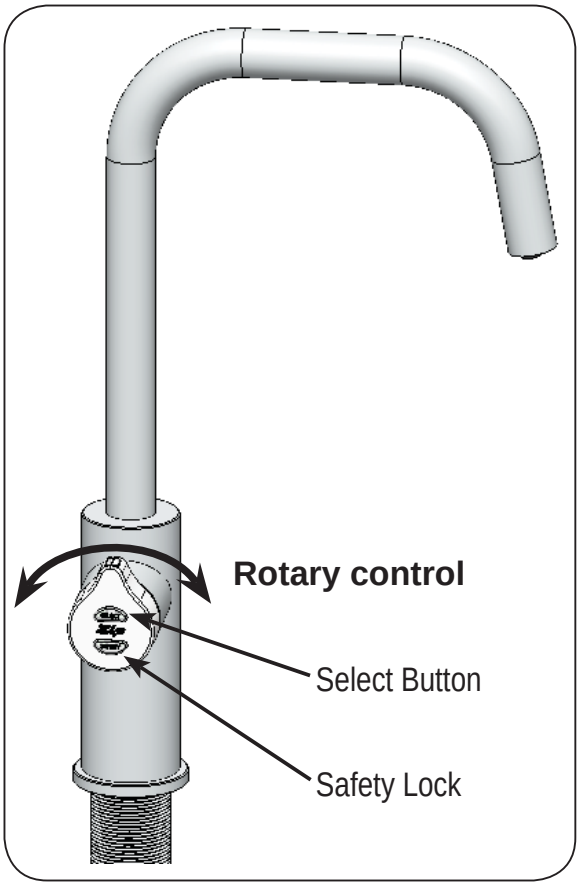
Lifting the handle up will decrease the flow rate and lowering the handle will increase the flow rate. Lift the handle all the way up to turn the tap off.

When the handle is moved towards the blue mark, the temperature is decreased and when moved towards the red mark, the temperature is increased. The final temperature will be dependant on the temperature of the incoming cold water.

For convenience, the spout may be swivelled, left or right through 120°.

# Tap functions

## HydroTap Arc/Cube:

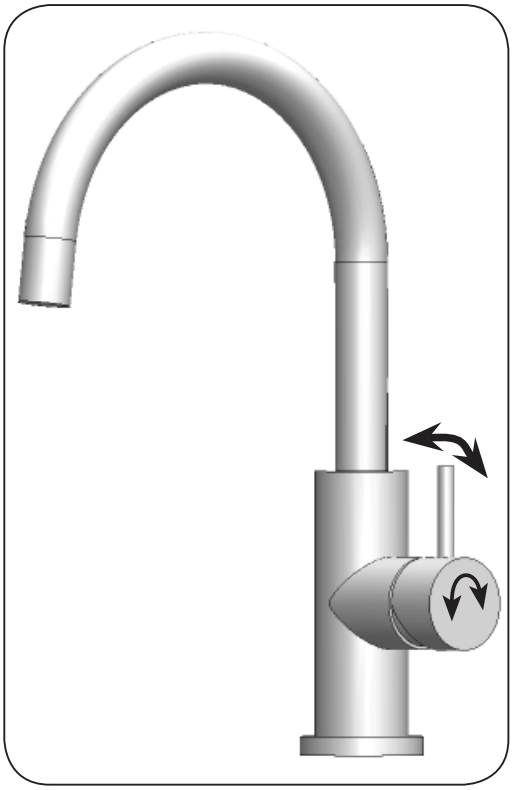



On power up, wait 30secs. for the unit to calibrate itself. Tapping the select button will allow the choice of Boiling (RED) with safety, Chilled (BLUE) or Sparkling (WHITE) water mode. The Arc/Cube control may be rotated in a forward or reverse direction to dispense Boiling or Chilled water.

The rotary control is spring loaded in the anticlockwise direction and when released, will return to the OFF position. When rotated clockwise the tap operates in a “Pot fill” mode. Water will flow from between 5 and 15 seconds (This is user adjustable). To reset, return the handle to the “Off” position and repeat the step. The lever has to be manually returned to the “Off” position.
After activating the Boiling mode, all the lights will flash for 2 seconds, during which time you may dispense water. When the rotary control is returned to the Off position the light will continue to flash for an additional 3 seconds, allowing you to dispense more water.

When unattended, the control light will automatically default to the Chilled (BLUE) mode after 30 seconds.

## MixerTap:



Lifting the handle up will decrease the flow rate and lowering the handle will increase the flow rate. Raise the handle all the way up to turn the tap off.

When the handle is moved towards the BLUE mark, the temperature is decreased and when moved towards the RED mark, the temperature is increased. The final temperature will depend on the temperature of the incoming cold water.

# Tap operation

## To dispense chilled water:

### HydroTap Classic and All-In-One taps:

Depressing the “Blue” lever allows the dispensing of chilled water. Pulling forward the Blue lever allows the tap to operate in a “no-touch” mode. Water will flow from between 5 and 15 seconds (This is user adjustable). To reset, return the handle to the “Off” position and repeat the step. The lever has to be manually returned to the “Off” position.

**Classic Tap**

**NOTE:**

Chilled water will not be dispensed, if the safety button is accidentally covered.

### Elite Tap:

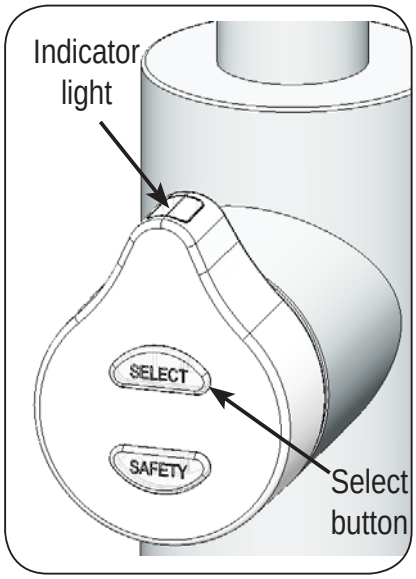
Touching the chilled button allows the dispensing of chilled water.

**Elite Tap**

### HydroTap Arc/Cube:

If not showing BLUE, tap the select button until the indicator light turns BLUE.

Rotating the control, when the indicator light is BLUE, allows the dispensing of chilled water.




**Arc/Cube Tap**

# Tap operation

## To dispense boiling water: (With the safety OFF)

### HydroTap Classic:

Depressing the Red lever allows the dispensing of boiling water.

Pulling forward the Red lever allows the tap to operate in a “no-touch” mode.

Water will flow from between 5 and 15 seconds (This is user adjustable).

To reset, return the handle to the “Off” position and repeat the step. The lever has to be manually returned to the “Off” position.

### Elite Tap:

Touching the boiling button allows the dispensing of boiling water.

### HydroTap Arc/Cube:

Tap the select button until the indicator light turns RED.

Rotating the control , when the indicator light is RED, allows the dispensing of boiling water.

## To dispense Boiling water: (With the safety ON)

### HydroTap Classic:

Depress the Red lever, while simultaneously covering the safety lock button with a second finger. These two actions need to occur simultaneously within 2 seconds for the successful dispensing of boiling water.

### Elite Tap:

Place one finger on the safety lock, then touch the boiling button with a second finger while keeping both fingers in position.

These two actions need to occur simultaneously within 2 seconds for the successful dispensing of boiling water.

### HydroTap Arc/Cube:

Tap the select button until the indicator light turns RED. Then tap the safety button twice until the RED light flashes (This will flash for aprox 2 seconds). Boiling water may be dispensed by rotating the control while the RED light is flashing.

# Tap operation

## To dispense Sparkling water:

HydroTap Classic

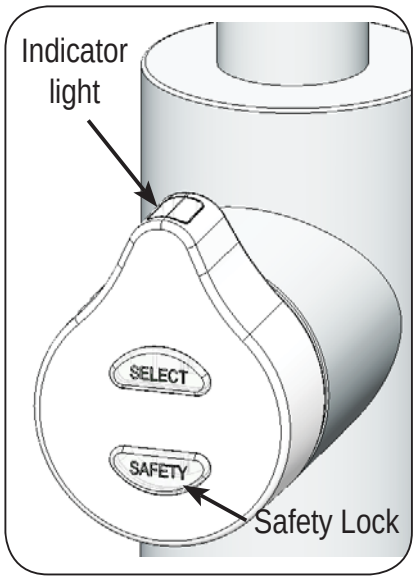
### HydroTap Classic and All-In-One taps:

Depressing both the ‘Red’ and the ‘Blue’ levers allows the dispensing of Sparkling water. Pulling forward both levers allows the tap to operate in a  in a “no-touch” mode. Water will flow from between 5 and 15 seconds (This is user adjustable). To reset, return the handles to the “Off” position and repeat the step. The levers have to be manually returned to the “Off” position.

Elite Tap

### Elite Tap:

Touching both the boiling and chilled  buttons simultaneously allows the dispensing of sparkling water.




Arc/Cube Tap

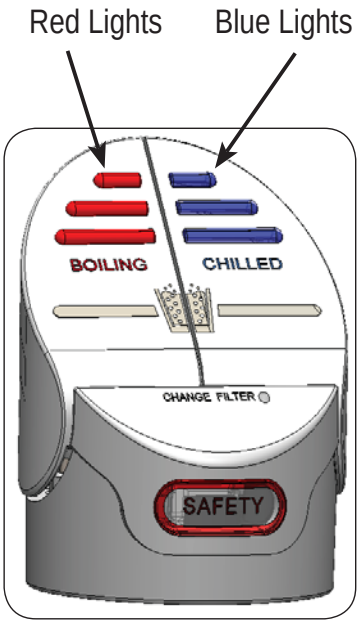
### HydroTap Arc/Cube:

Tap the select button until the indicator light turns WHITE.

Rotating the control , when the indicator light is WHITE, allows the dispensing of sparkling water. When unattended, the control light will automatically default to the Chilled (BLUE) mode after 30 seconds.

# Tap lights

## Red Boiling Water Light: (All)




### On all the time:
This indicates that the boiling water is ready.

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

## Blue Chilled Water Light:
(Not available on Elite)

### On all the time:
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. While flashing, water may be dispensed, but not at the set temperature. When the chilled water is at the set temperature, the light will stop flashing. This may take several minutes.
During heavy usage, the temperature may rise out of the normal range.

## Warning: (All)

### Flashing warning light:
When the indicator light flashes fast and continuous, a system fault has occurred. Check for details on the faults screen. If unable to rectify, call a qualified service agent.

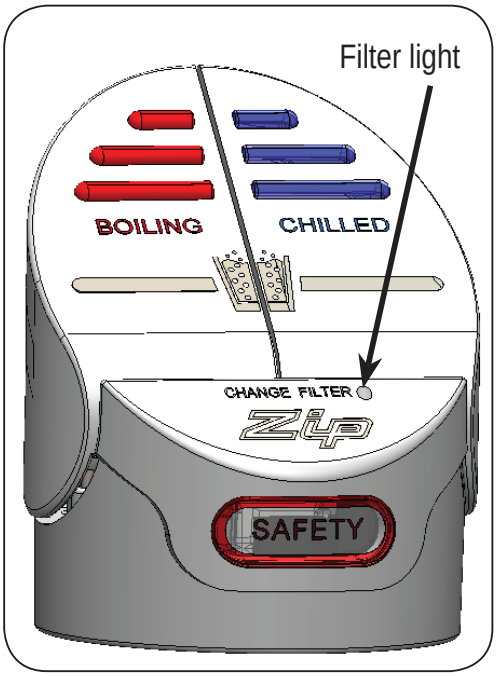
Elite Tap

# Filter Lights

## Filter light: Classic; Elite & AIO

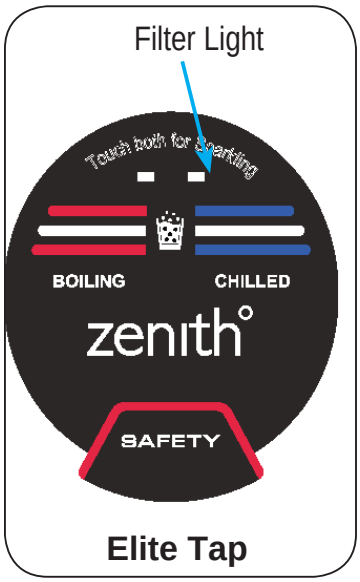
### Filter Light Off:
This indicates the filter is operating within its normal specified lifespan.

### Filter Change light flashing slowly:
The light will flash slowly when the filter is due for replacement and the LCD will show “Filter Change”. Refer to “Replacing the filter” in section ‘C’ of this document.




**Classic Tap**

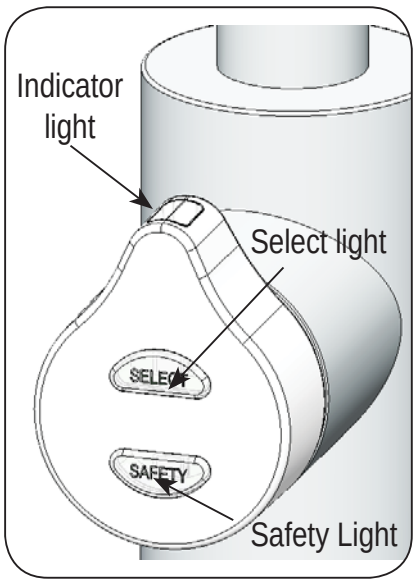
### Turn filter light OFF: (All models)
Refer to “Filter Reset” in section ‘C’ of this document.




**Elite Tap**

### HydroTap Arc/Cube:

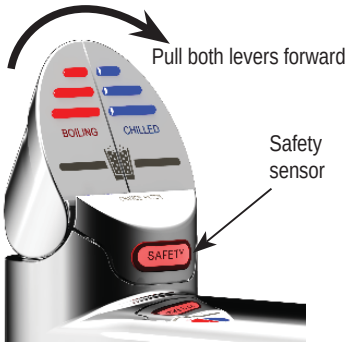
### Flashing filter lights:
All three tap lights (Safety; Select and Indicator light) will flash every 10 seconds, indicating a Filter change is required.



# **Safety Sensor Calibration** (lever models)

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

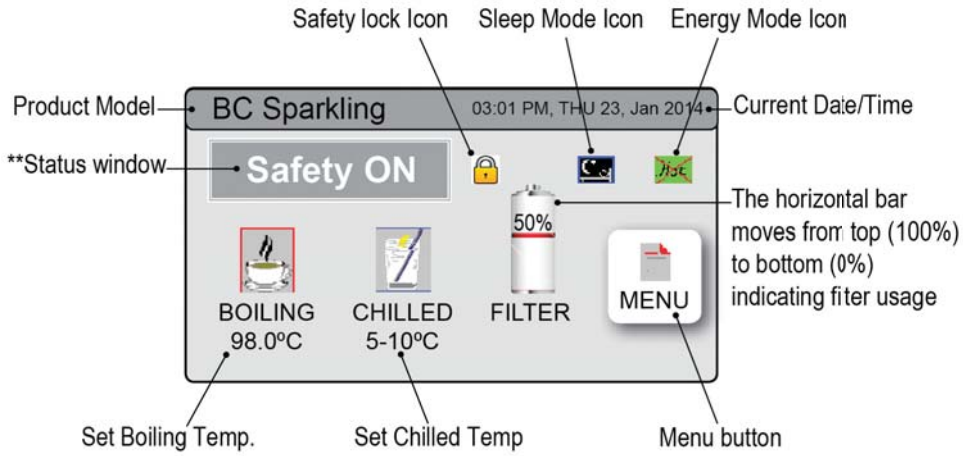
1. With the unit in Normal operating mode and with the safety enabled
2. Turn the power OFF
3. Pull both tap levers to the forward position
4. Turn ON the power
5. The unit will calibrate the safety switch
6. Return the levers to the neutral position.
7. To check the calibration, dispense Boiling water, in normal light conditions with the safety enabled.



# LCD Screen

Zenith HydroTap introduces a 'TOUCH' screen for easy setup and operation adjustment.

(See page 30 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 |
| Sleep Mode | System is in sleep mode. Boiling water or hot water is not available. | Refer to section G - Energy mode |
| Log Memory Full | - | - |
| Change Filter | External/Internal filter needs to be replaced | Refer to section C |
| 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 |

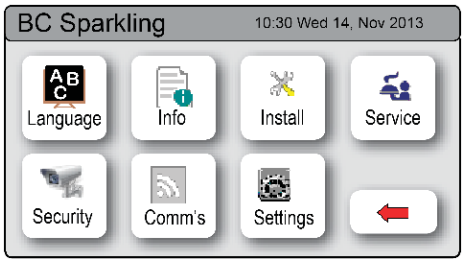
**Note:** When selecting Menu options, the screen will revert to the main menu, if the screen remains inactive for a period, in excess of 10 seconds.

# LCD Screen Menu

| Main Menu | Sub Menu | Sub Menu Options | Section |
|---|---|---|---|
| Language | • English | | A |
| Information | • Product Info<br>• System Faults<br>• Event Log | • Product serial no.<br>• Lists | B |
| Installation | • Filter Flush<br>• Filter Reset<br>• Boiling Calibration<br>• Booster<br>• Lux sensor calibration | • Reset options<br>• Calibration options | C |
| Service | Password protected | | D |
| Security | • Enable Password | • Set Password<br>• Change Password | E |
| Communication | • Remote Monitor | • Wifi Options | F |
| Settings | • Date/Time<br>• Temperature<br>• Filter<br>• Energy Modes<br>• Safety<br>• Dispense Times | • 12hr/24hr Mode<br>• Hot/Cold Setpoint<br>• Filter Life (Litres)<br>• Filter Life (Months)<br>• Sleep Mode Options<br>• Safety Lock<br>• Hot Isolation<br>• Hot/Cold Dispensing | G |

# LCD Screen operation - Section A

## A Set Language

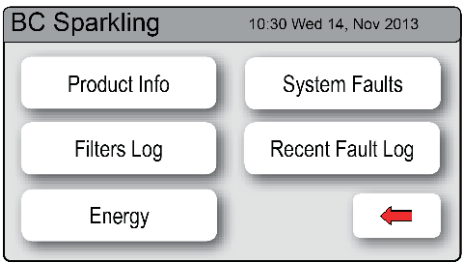



Language options will be available in some overseas markets

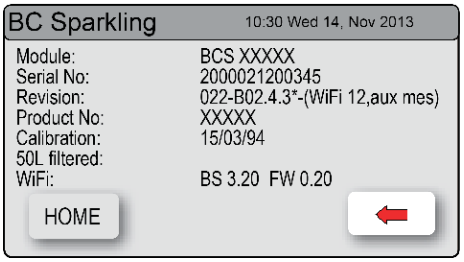
# LCD Screen operation - Section B

## B System Information

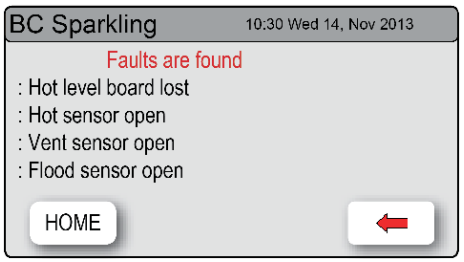
In this section, you can find your product serial number , check system fault messages or view the event logs of your product.



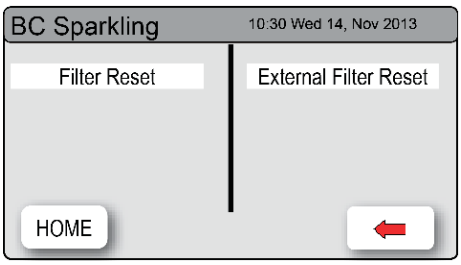

1. Press the [MENU] button for main menu.
2. Press the [Info] button to view the product serial number and other key information.



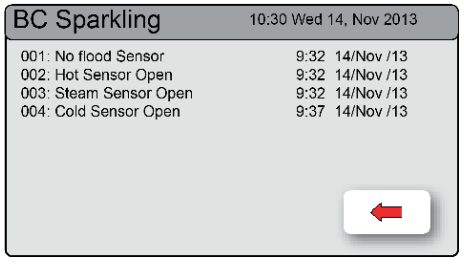

1. Press [Product Info] to view the product information.
2. Press [<=] button for the previous menu or press [Home] button to return to the home screen.




1. Press [System Faults] to check the fault information;
2. Press [<=] button for the previous menu or press [Home] button to return to the home screen.

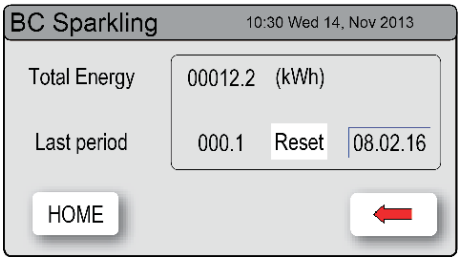



1. Press [Filter Log] to view filter information.
2. Press [<=] button for the previous menu




1. Press [Recent Fault Log] to view the last recorded faults
2. Press [<=] button for the previous menu

# LCD Screen operation - Section B

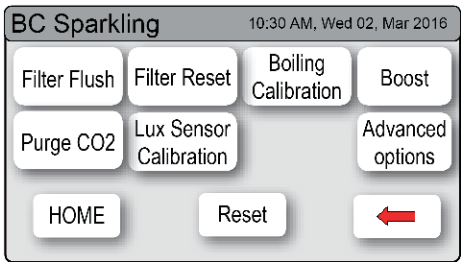



1. Press [Energy] to view Energy information.
2. The Total energy consumption will be displayed, or
3. Select reset to view the energy used for that period.
4. Press [<=] for the previous menu or press [Home] to return to the home screen.

# LCD Screen operation - Section C

## C Install

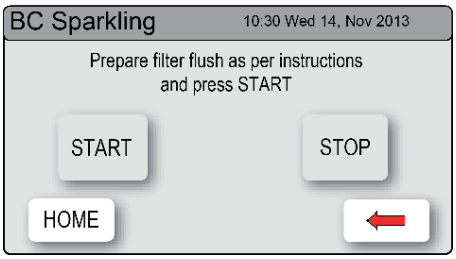
Once your Zenith HydroTap G4 unit has been installed, Go to Install menu to configure the system settings for your product.




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

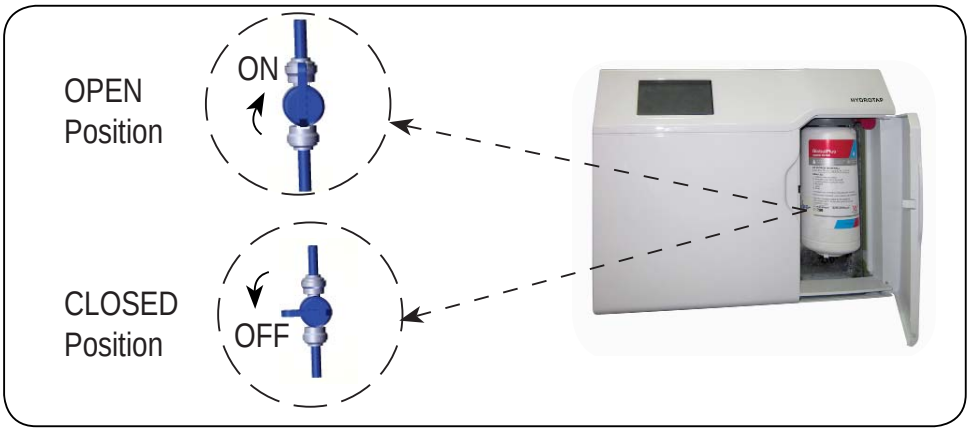
Have a 10L bucket or similar container (not supplied) at the ready to hold a quantity of water that will be ejected while the Filter Flush Mode is in operation. Open the filter access door on the front of the HydroTap and the filter cartridge will be exposed. Located to the rear RHS of the cartridge is a flush line, approx 600mm long and the flush line stop cock. Place the valve end of the flush line into the 10L bucket or container.




**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

1. Press the [MENU] button for main menu.
2. Press the [Install] button. Turn the stop cock ON.
3. Press the [Filter Flush] button.
4. Press [Start] button to start filter flush. Once the filter flush is finished, Turn the stop cock OFF first (to ensure the cock is properly closed) then press [Stop] to end filter flush mode.
5. Press [<=] button for the previous menu or press [Home] button to return to the home screen.
6. After initial installation, Turning OFF the Filter Flush Mode puts the HydroTap into calibration mode. With subsequent filter changes, the system reverts to the main menu.

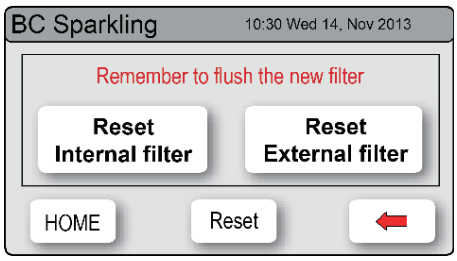
# LCD Screen operation - Section C




The Zenith HydroTap allows the user to adjust the filter life and to edit the filter usage. (See filter details on Page 22 ).

## 2. - Filter Reset

After replacing the filter, the counters should be reset

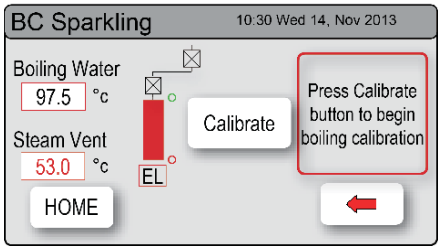



1. Press the [MENU] button for main menu.
2. Press the [Install] button.
3. Press the [Filter Reset] button.
4. To set the filter life or edit filter usage, refer to section G- Filter.

## 3. - Boiling Calibration

**Caution:** During calibration, boiling water units may vent steam from the tap spout. Take care to avoid personal injury whenever this occurs.

On start up, the hydroTap starts a self-calibrating program. The controls take the system through the calibration process. Once complete, the system reverts back to normal operation. If you would like to calibrate the system anytime after installed, please follow the steps below.

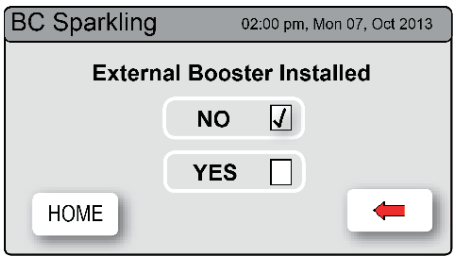



1. Press the [MENU] button for main menu.
2. Press the [Install] button.
3. Press the [Hot Calibration] button.
4. In the next screen, press [Calibrate] if you want to start calibration.

# LCD Screen operation - Section C

## 4. - Booster

This function should only be considered when a Booster unit is installed.

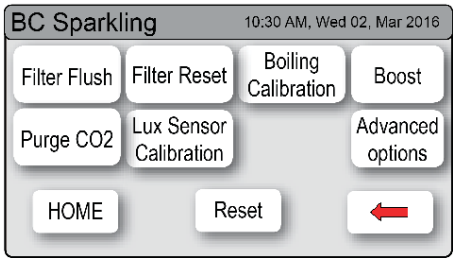


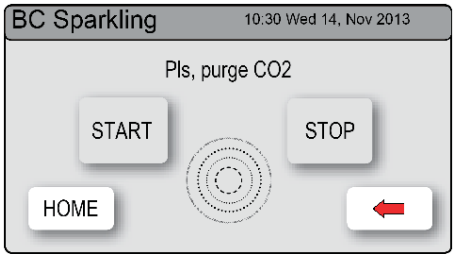

1. Press the [MENU] button for main menu.
2. Press the [Install] button.
3. Press the [Booster] button.
4. If a Booster is installed, select YES to enable the Booster.
5. Dispense boiling water for 30 secs and check the outlet hose from the Booster is warm.
6. If no Booster is installed, select NO.

**Note:** Failing to make the correct selection for 'Booster' will effect product performance.

## 5. - $CO_2$ Purge

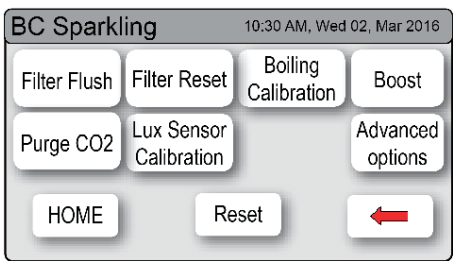
When fitting a new gas bottle, it is important to purge the gas lines.




1. Press the [MENU] button for main menu.
2. Press the [Install] button.
3. Press the [Purge $CO_2$] button.
4. In the next screen, press the [START] button to commence the purging process.
5. Wait for the water to stop flowing through the unit.
6. Wait a further 10 seconds after the water has stopped flowing. During this time you will hear the $CO_2$ gas escaping through the tap.
7. Press [STOP] to end the purge.
8. Press [<=] button for the previous menu or press the [Home] button to return to the home screen.

## 6. - Lux Sensor Calibration




1. Press [MENU] for main menu.
2. Press [Install] .
3. Press [Lux Sensor Calibration]
4. The lights on the Tap head will flash to confirm calibration.
5. Check for correct tap operation by selecting 'Lux Sensor-> OFF'. When the room is darkened (below the calibrated light level), the tap lights will turn OFF after aprox 30 seconds.

## 7. - Advanced options

### Pump anti cavitation mode:

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.

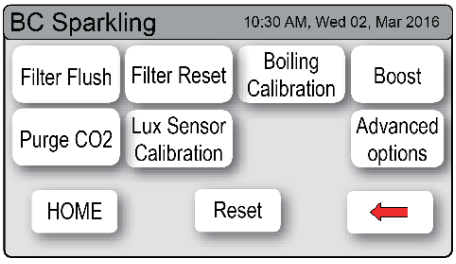
### Power Pulsing mode:

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 unit may experience increased steaming.

### Fan speed adjustment:

If the undersink unit is operating near 35°C 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.

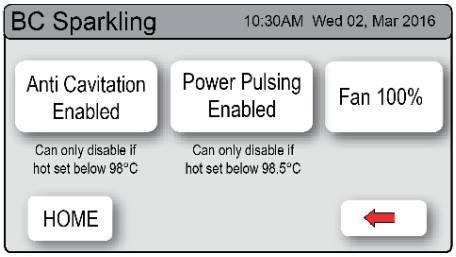
1. Press [MENU] for main menu.
2. Press [Install] .
3. Press [Advanced Options].



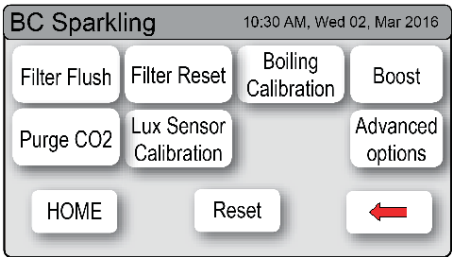

In this screen (depending on the set temperatures) you may Enable or Disable:

- The pump Anti Cavitation mode or
- The Power Pulsing mode

You may adjust the fan speed to 50% or 75% or 100%




## 8. - Reset (restart)




1. Press [MENU] for main menu.
2. Press [Install] .
3. 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.

# LCD Screen operation - Section D

## D Service

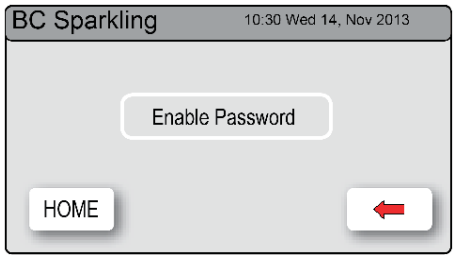
**This section is reserved for service technicians only**

**Note:** In Australia call a licensed electrician, plumber,or Zenith office on 1800-638-633, for assistance, service, spare parts, or enquiries.

# LCD Screen operation - Section E

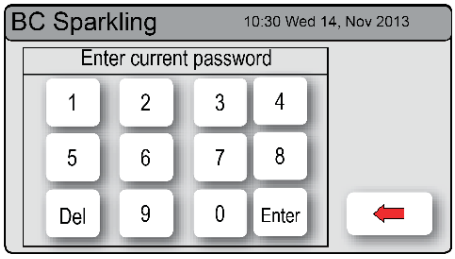
## E Security

The Zenith HydroTap G4 allows the appliance coordinator to set up a password to protect against users changing the preferred system settings. When activated, the password will be necessary to access the Settings and Comms areas.




### To set a password

1. Press the [MENU] button for main menu.
2. Press the [Security] button.
3. Press [Enable Password}
4. Enter a 4 digit password



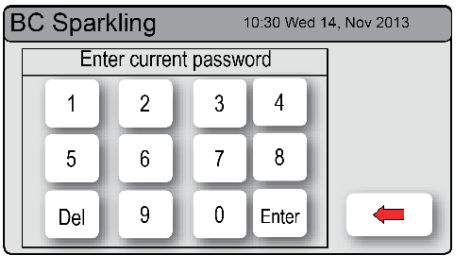
### To change a password

1. Press the [MENU] button for main menu.
2. Press the [Security] button.
3. Press [Change Password}
4. Enter your old 4 digit password
5. Then enter your new 4 digit password. You will need to enter your password to access the settings and communications screens. If you have forgotten the password, please disconnect the power and restart your HydroTap unit by pressing the[Reset] button.

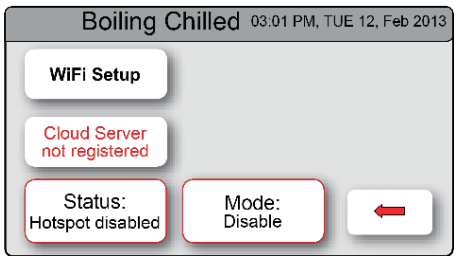
# LCD Screen operation - Section F

## F Communication - WiFi (Select models)

This section allows the user to use WiFi to monitor the product remotely.




1. From the Home screen Press [Menu]. Then [Comm's]
2. Enter your 4 digit password to access the WiFi set up.
3. Follow the set up instructions supplied with the WiFi unit

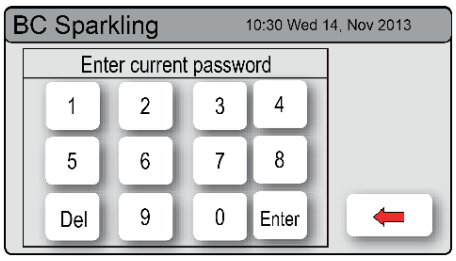



To disable the WiFi setup

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

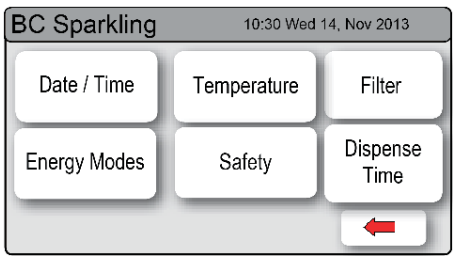
# LCD Screen operation - Section G

## G Settings

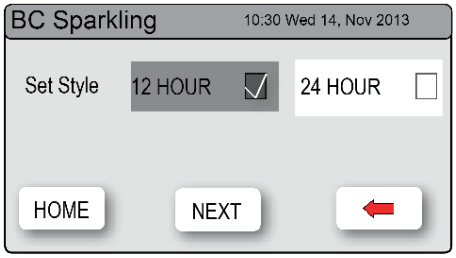



1. Press the [MENU] button for main menu.
2. Press the [Settings] button.
4. Then enter your 4-digit password.

You will need to enter your password to access the settings screens. If you have forgotten the password, please refer to section E.

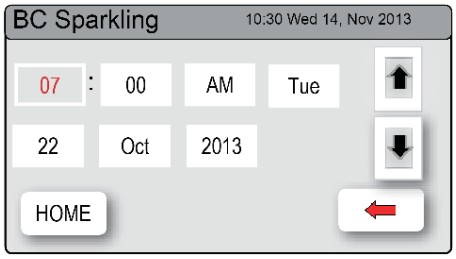


# Set Date / Time




G4 HydroTap Set Date/Time Screen

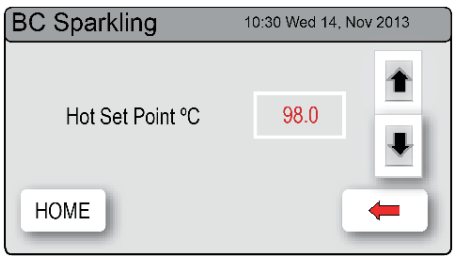
1. Press the [MENU] button for main menu.
2. Press the [Setting] button.
3. Press the [Date/Time] button.
4. Choose 12 hour mode or 24 hour mode by pressing the square button. The selected mode will be displayed in dark grey colour with a tick box on the right.
5. Press [NEXT] button to set time.




1. Select individually the hour, minutes and day and adjust using the up and down arrows.
2. Select individually the date, month and year and adjust using the up and down arrows.
3. Press [HOME] to return to the Home screen.

# Set Temperature

Zenith HydroTaps are designed to operate within 1ºC to 2ºC of set point for boiling water and between 3ºC to 5ºC for chilled 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 - 100ºC. It should be noted that a 6% energy saving in standby power can be achieved when the 98ºC setting is selected over the 100ºC setting. Furthermore, the 100ºC setting is not recommended as the delivery rate of water may be affected.

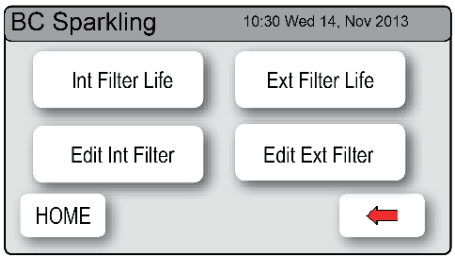



1. Press the [Settings] button in the main menu.
2. Press the [Temperature] button.
3. To adjust the temperature, press the relevant temperature button and then use the up and down arrows.

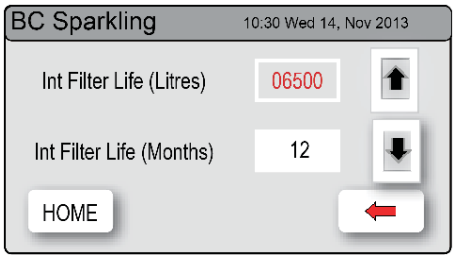
# LCD Screen operation - Section G

## Filter

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

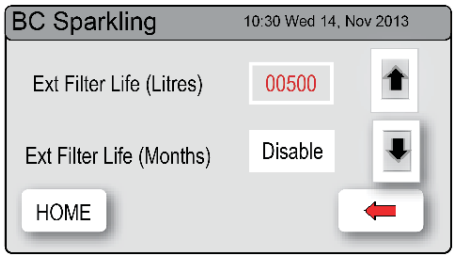



**Note:** The filter life may be set as a function of Litres used, or in months from the filter change. When the first of these functions is reached (i.e. Litres or months expired), the filter warning light will be illuminated on the tap.
Either of these functions may be disabled (See below).



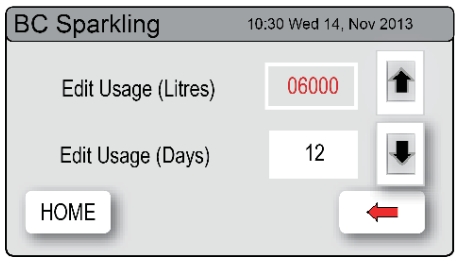

### To edit the filter life:

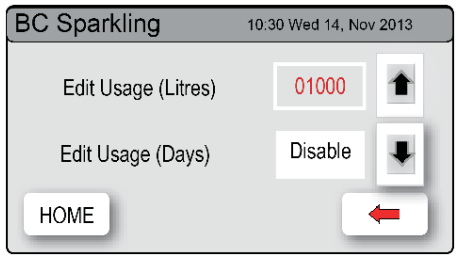
1. Press the [MENU] button for main menu.
2. Press the [Setting] button.
3. Press the [Filter] button.
4. Press the [Int / Ext Filter Life] button.
5. To change filter life, first select (Litres) or (Months), then press the up or down arrows to edit filter life.




### Note:

Filter Life increases in 500 litres increments to a maximum of 10000 litres. Factory set at 6000 litres.




### To edit the filter usage:

This function is to reset the Filter Change display after a filter has reached the end of its life (refer to "Replace Filter Instructions" section of this document).

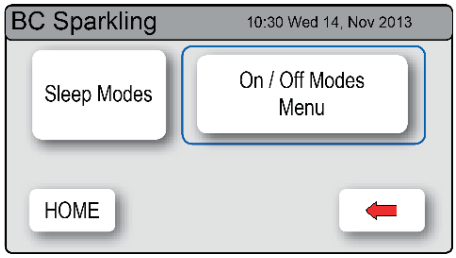
1. Press the [MENU] button for main menu.
2. Press the [Setting] button.
3. Press the [Filter] button.
4. Press the [Edit Filter] button for Internal or External filter.
5. To edit, select Edit Usage(Litres) or Edit Usage (Months), then adjust using the up or down arrows.
6. Press [HOME] to return to the Home screen.

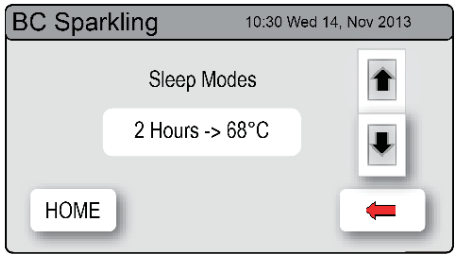
## Energy Modes

This mode allows the HydroTap to enter 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.

When the period of inactivity passes, the home screen status window will show "Sleep Mode".




### To activate the sleep mode:

1. Press [MENU] button for main menu.
2. Press [Setting] button.
3. Press [Energy Modes] button.
4. Press [Sleep Modes] button then in the next screen, use the up and down arrows to select one of the 7 options, as shown in the table below.

| Sleep Mode | Light Level | Time Delay | State | Boiler | Chiller |
|---|---|---|---|---|---|
| **2 Hours-> 68°C** | N/A | 2 Hr | Sleep | 68°C | ON |
| **2 Hours-> OFF** | N/A | 2 Hr | OFF | OFF | OFF |
| **Lux Sensor->68°C** | Dark | N/A | Sleep | 68°C | ON |
| **Lux Sensor-> OFF** | Dark | N/A | OFF | OFF | OFF |
| **Lux or 2 Hr-> 68°C** | Dark | 2 Hr | Sleep | 68°C | ON |
| **Lux or 2 Hr-> OFF** | Dark | 2 Hr | OFF | OFF | OFF |
| **Disable** | N/A | N/A | ON | ON | ON |

**Lux (Light) Sensor Calibration:** (Not for Elite tap)
It is recommended to recalibrate the Lux (Light) Sensor after selecting any of the 4 Lux sensor options from the sleep mode menu. Before commencing, ensure there are 'Normal to Dim' (Not Dark) operating light conditions.

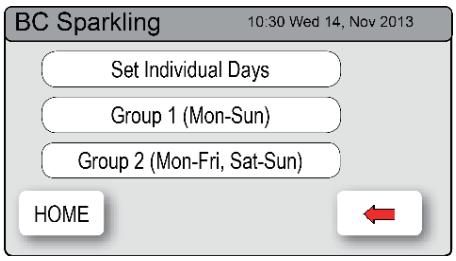
**Note:** Refer to section C6 on Page 16 for calibration procedure

# 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.

**In ON / OFF Mode** the user may turn the unit ON or OFF at specific times for individual days or alternatively by weekly and/or weekend settings.

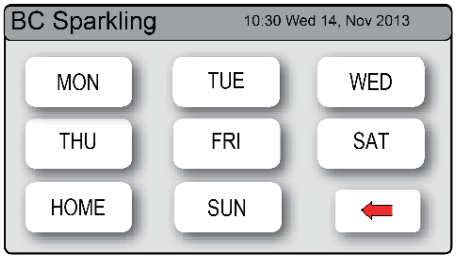
### To activate ON/OFF mode:




1. Press the [MENU] button for main menu.
2. Press the [Setting] button.
3. If required, Enter your 4 digit password
4. Press the [Energy Modes] button.
5. Select 'Individual set' if you wish to allocate a specific time for each day.
6. Select 'group set 1' if you wish to allocate the same time to all 7 days
7. Select 'Group set 2' if you wish to allocate the same time to the 5 working days (Mon-Fri) and additional times for (Sat-Sun).

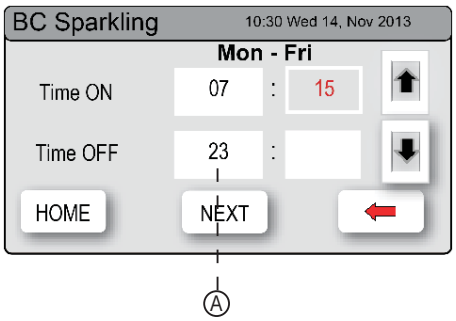
### Individual days set screen

This screen allows you to select the individual days for programming. Only one ON /OFF period is allowed for each day.




### Group set screen

1. Press Group 1 or Group 2 option
2. Press button Ⓐ and then scroll Up or Down to enable / disable the group set. When the enable box is ticked, this allows each individual day to have an "On/Off " time.
3. Press [ON/OFF Modes] button, to set up ON/OFF time.
4. When in Group 2 Press [NEXT] to select Sat-Sun options

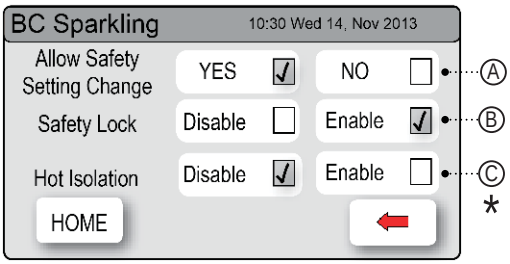



**Note:** Any attempt, during OFF mode, to dispense water, will bring the unit out of energy mode. The system will revert to the energy mode setting after 30 minutes of non use.

## Safety

# To set the tap safety setting:

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




### To Enable or Disable the safety on the tap

- Press button Ⓑ to select Enable / Disable

**Hot Isolation:** (Not available for HydroTap Arc/Cube) *

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

When activated, the HOT Isolation mode will override the settings to ensure Boiling water is not dispensed.

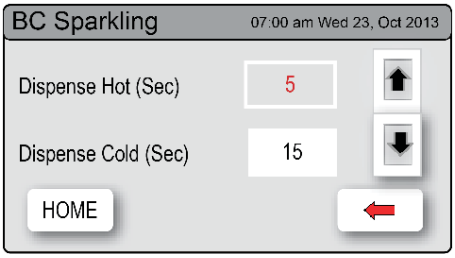
### To Activate the Hot Isolation:

- Press button Ⓒ- to Enable / Disable Hot isolation.
- To operate the tap when in Hot Isolation mode, tap the Safety Lock (3) three times, after a few seconds the tap lights will flash (3) three times. This confirms de-activation and allows Boiling water to be dispensed . The Hot Isolation can be immediately set again, by tapping the safety lock (3) times.
- If the Hot Isolation is not re-enabled, it will be automatically re-enabled after 30 seconds of inactivity.

**Note:** * Hot Isolation - Not available for the HydroTap Arc/Cube Tap.
Do not enable this function for the HydroTap Arc/Cube.

# LCD Screen operation - Section G

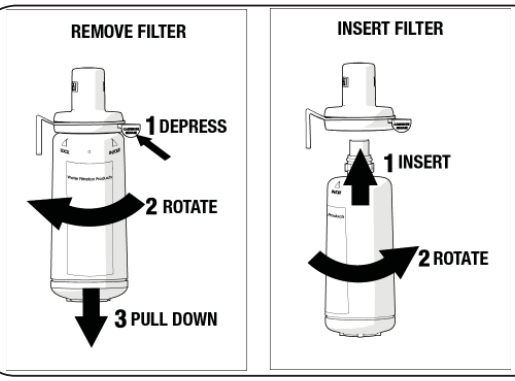
## Dispense Times




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. Here, the operator may change both the hot and cold dispensing times to between 5 and 15 seconds, in increments of 1 second. To edit the dispensing times:

1. Press the [MENU] button for main menu.
2. Press the [Setting] button.
3. Press the [Dispense Time] button.
4. Select the option to change and scroll using the up and down arrow Keys

## Filter Maintenance



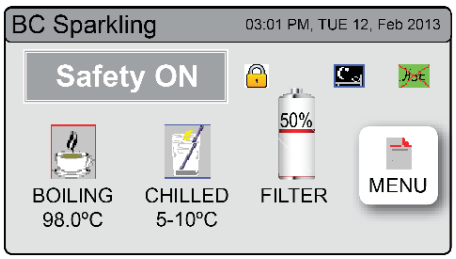

Warning: If the Zenith HydroTap is switched off for a long period of time (e.g. More than a weekend), run water through the chilled water outlet for at least 5 minutes before consumption.

## Water Filter

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

- The Change Filter light will flash white once a second 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.

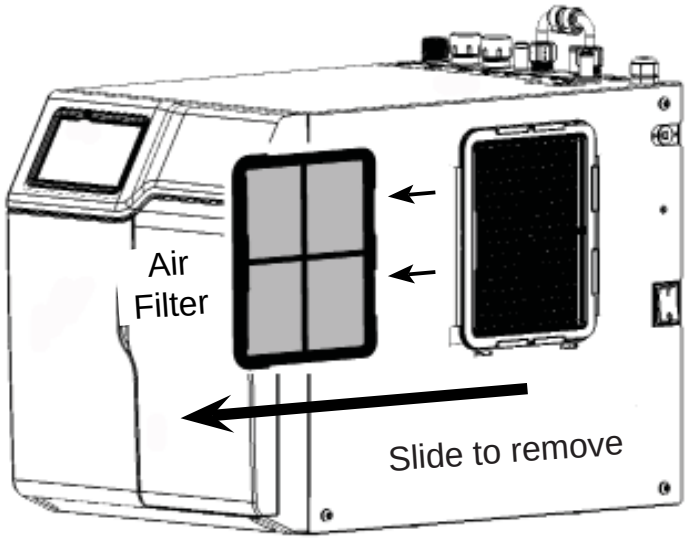
## To change the Filter: (See also Section C)

- Open the door of the under sink unit.
- 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 to the left, then gently pull down.
- **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 for filter cartridge replacement), and push the new cartridge into the filter head.
- Turn the cartridge a quarter turn to the right 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 section C).
- 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 - filter - Litres and Days used.

## Air Inlet Filter

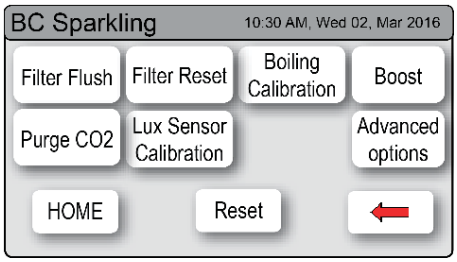
The Zenith HydroTap air filter is conveniently located on the outside of the condenser. The filter screen is a sliding fit in the plastic housing on the side of the under sink unit. The screen may be removed for cleaning, by sliding it forward. This needs to be inspected at least quarterly, cleaned and 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.

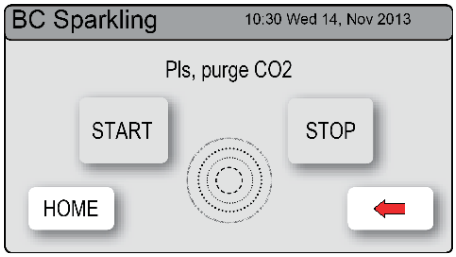


# Gas bottle change

1. Turn the $CO_2$ bottle regulator OFF (Anti-clockwise). The knob will screw up and away from the bottle.
2. Remove the bottle from the cupboard and disconnect the regulator. If the braided hose is removed from the regulator, be careful not to loose the small plastic sealing olive, located inside the end of the hose.
3. Fit the regulator and hose assembly to the new gas bottle. Be aware that some $CO_2$ may be discharged from the bottle joint. Any $CO_2$ released will be cold.
4. Fit the bottle in an upright position (use the velcro securing strap).
5. Turn the regulator ON (Clockwise) and adjust to 2.7-3.0 bar. (Green zone on dial).
6. Check all joints for gas leaks using a sponge and soapy water.
7. Press the [MENU] button for main menu.
8. Press the [Install] button.
9. Press the [Purge $CO_2$] button.
10. In the next screen, press the [START] button to commence the purging process.




11. Wait for the water to stop flowing through the unit. Then wait a few seconds more, until you hear only $CO_2$ gas escaping through the tap.
12. Press [STOP] to end the purge
13. Press [<=] button for the previous menu or press the [Home] button to return to the home screen.




14. The display screen should revert to Normal operation.
15. Dispense some sparkling water from the tap and perform a taste test.

**Note:** The 1.0 kg gas bottle supplied with this appliance is a disposable item and cannot be refilled. Please contact your local city council for collection centre details or return the bottle to your service agent for recycling.

# Cleaning

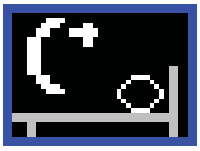
## General cleaning

Do not use strong, corrosive, spray or abrasive cleaners. Clean with a soft damp cloth and mild soap.
Under sink units must never be located near, or cleaned with water jets.
Avoid using airborne pesticides near the undersink unit.

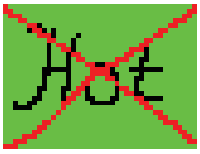
# Home Menu Icons

**Safety switch is LOCKED.**
The HydroTap will not dispense any Boiling water.
See page 3 for safety switch operation

**Safety switch is UNLOCKED.**
Boiling water may be dispensed. See page 7 for tap operation details



**Sleep mode is active.**
There are 7 sleep mode options which display this icon on the home screen. See page 23 for details.

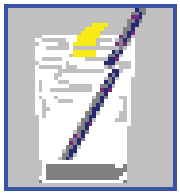



**Heater is in OFF mode.**
When this icon is displayed, no power is being supplied to the heating element. See page 24.

**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. See page 22

BOILING
98°C

**Boiling Temperature**
The set temperature of the water in the Boiling tank will be displayed. This is optimises at 98°C but may be adjusted between 68°- 100°. See page 21 for hot set point adjustment.



CHILLED
3-5°C

**Chilled Temperature**
The set temperature of the water in the Chiller tank will be displayed. This is will range from 3-5°C

# Notes

This user manual has been written according to firmware version B02.4.
Please check the following website for the latest user manual:
https://www.zenithheaters.co.nz/”

# Contact Details

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