HydroTap G4®
User Guide

- Tap Operation.....(Pages 2-8)
- LCD Screen & Menu .....(Pages 9-19)
- Maintenance..... (Pages 19-22)

Date of Installation...../...../.....

CS Commercial

Affix Model Number Label Here

801981NZ

zenith

Tap functions

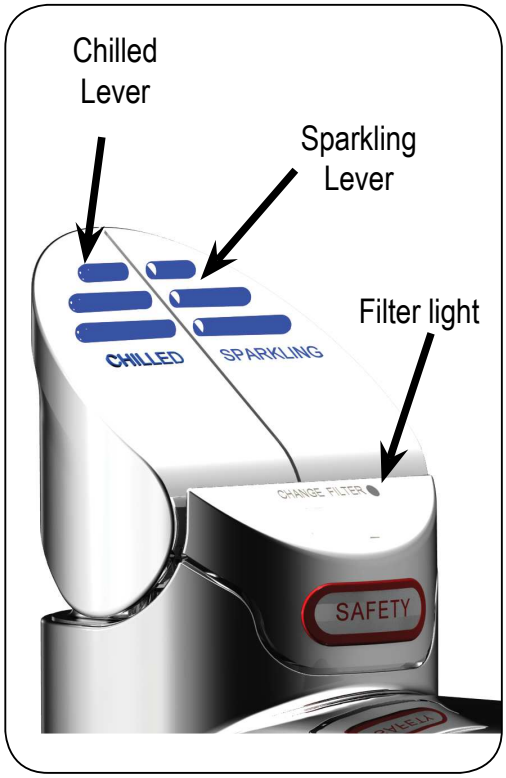
HydroTap Classic:

The HydroTap Classic uses lever controls, to dispense Chilled and Chilled Sparkling water.

There are Blue indicator lights, built into the levers, to show the status of the chilled water.

There is a filter warning light to indicate when a filter change is due

NOTE: The safety button on all Chilled Sparkling models is inactive, as this function is only necessary for Boiling water models



Elite Tap:

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

When operating the tap, ensure the touch surface is dry as moisture may interfere with the sensor touch control.

All-In-One Tap:

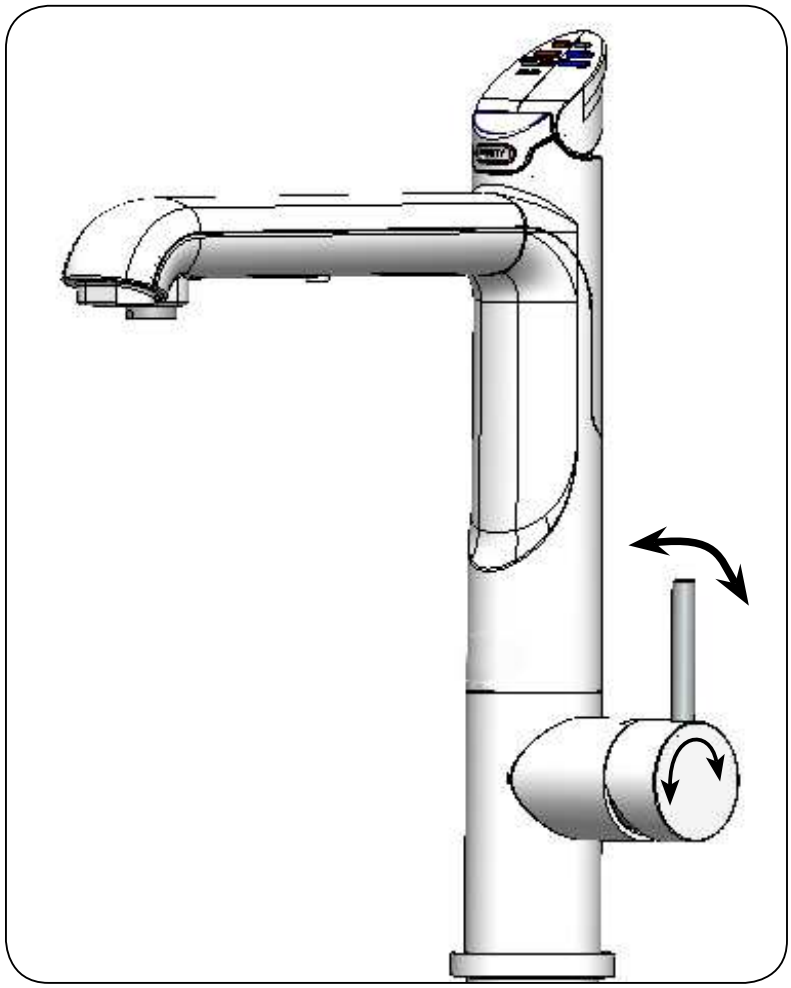
The top of the All-In-One tap is operated the same as a Classic HydroTap. The two levers are used for dispensing Chilled and Chilled Sparkling water.

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°.



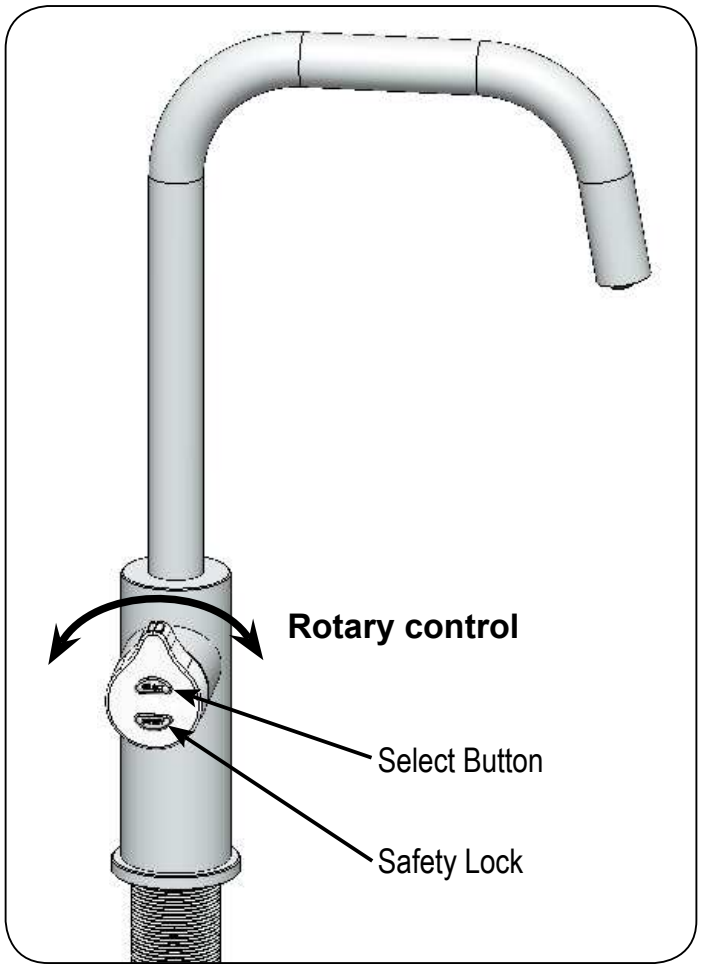
Tap functions

HydroTap Arc/Cube:

On powerup, wait 30secs. for the unit to calibrate. Tapping the select button will allow the selection of either the Chilled (BLUE) or Sparkling (White) water mode.

The Arc/Cube control may be rotated in a forward or reverse direction to dispense Sparkling 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. When unattended, the control light will automatically default to the Chilled (BLUE) mode after 30 seconds.



Tap operation

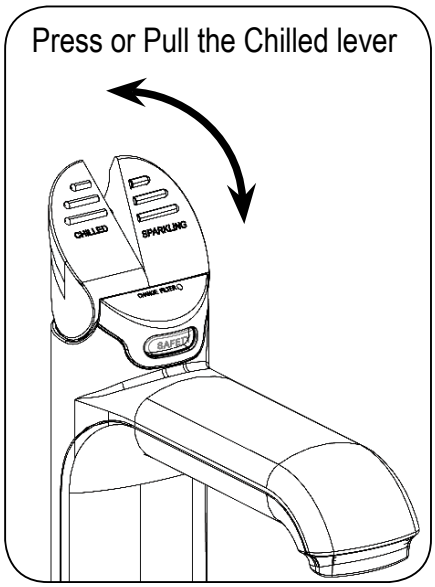
To dispense chilled water: (Classic and AIO Taps)

To dispense Chilled water:

Depressing the “Chilled” lever allows the dispensing of Chilled water.
Pulling forward the 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 must be manually returned to the “Off” position.

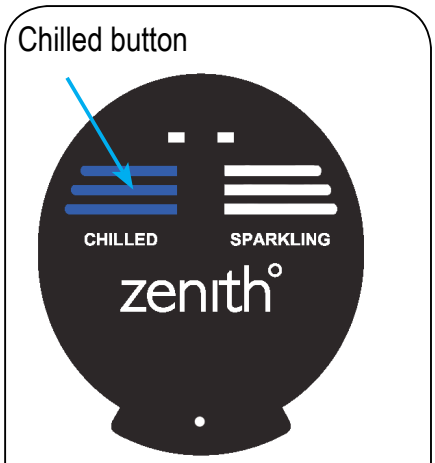
NOTE:

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.

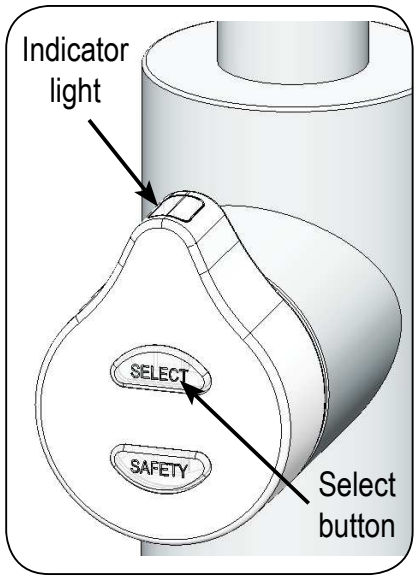


Elite Tap

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

To dispense Sparkling water: (Classic & AIO taps)

To dispense Sparkling water:

Depressing the 'Sparkling' lever allows the dispensing of Sparkling water. Pulling forward the lever 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 lever must be manually returned to the "Off" position.

Elite Tap

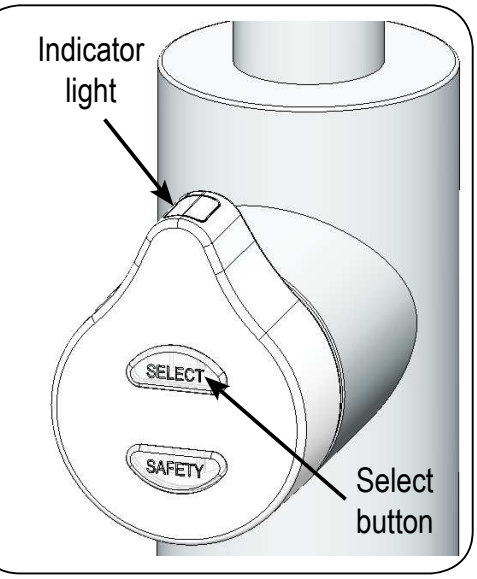
Elite Tap:

Touching the Sparkling button allows the dispensing of sparkling water.

HydroTap Arc/Cube:

If showing BLUE, tap the select button until the indicator light turns WHITE.

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



Arc/Cube Tap

Tap lights

Blue Chilled Water Light: (Classic & AIO taps)

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. 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 light: (Classic, Elite & AIO taps)

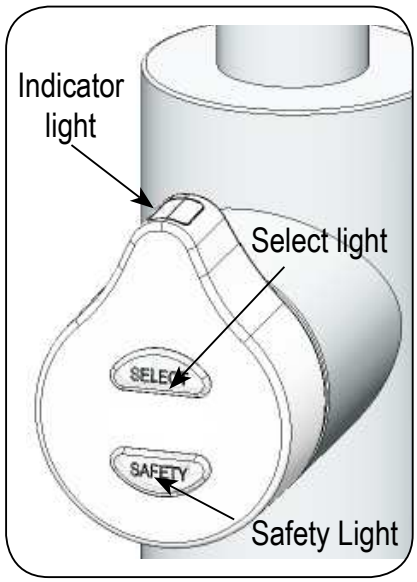
Filter Change Light Off:
This indicates the filter is operating within its normal specified lifespan.

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.

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

Tap lights

Filter light:
HydroTap Arc/Cube:



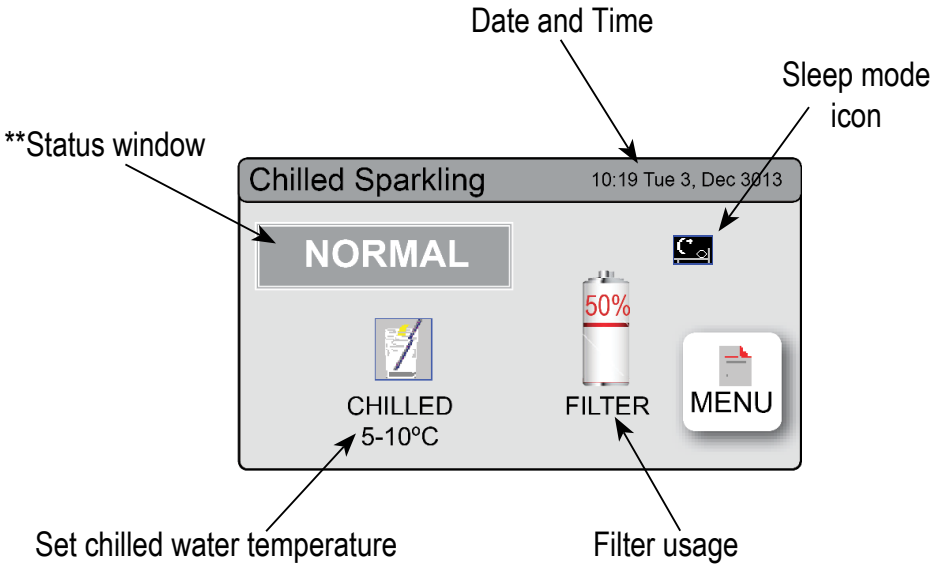
Flashing filter lights:
All three tap lights (Safety; Select and Indicator light) will flash every 10 seconds, indicating a Filter change is required.

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.

LCD Screen

Zenith HydroTap G4 introduces a 'TOUCH' screen for easy setup and operation adjustment.



Other possible messages in status window:

Status**	Information	Notes
System Fault	Product has one or more system faults	Refer to section B
Change Filter	External/Internal filter needs to be replaced	Refer to section C

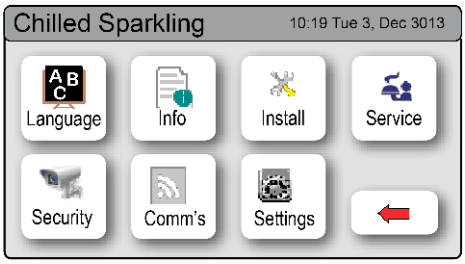
Note: When selecting Menu options, the screen will revert to the main menu, if the screen remains inactive for a period, in excess of 10 seconds.

LCD Screen Menu

Main Menu	Sub Menu	Sub Menu Options	Section
Language	• English		A
Information	• Product Info • System Faults • Event Log	• Product serial no. • Lists	B
Installation	• Filter Flush • Filter Reset • Purge CO_2 • Lux sensor	• Reset options • Calibration options	C
Service	Password protected		D
Security	• Enable Password	• Set Password • Change Password	E
Communication	• Remote Monitor • Remote Control	• Wifi / Bluetooth Options • Wifi / Bluetooth Options	F
Settings	• Date/Time • Temperature • Filter • Dispense Times	• 12hr/24hr Mode • Cold Setpoint • Filter Life (Litres) • Filter Life (Months) • Cold Dispensing	G

LCD Screen operation - Section A

A Set Language

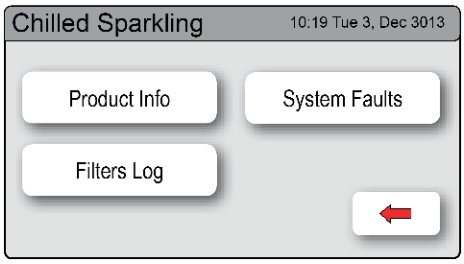


1. Press [MENU] for main menu.
2. Press [Language] button.
3. Select an option to change the language
4. Press [<=] button for the previous menu

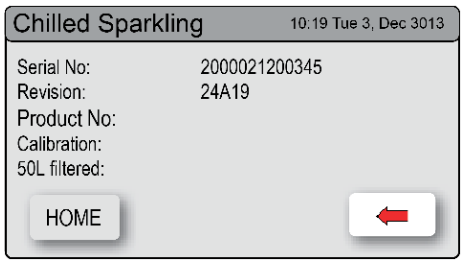
LCD Screen operation - Section B

B System Information

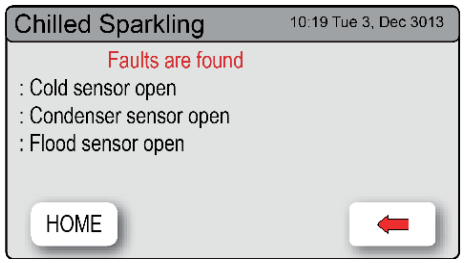
In this section, you can find product information, system faults and filter log messages.



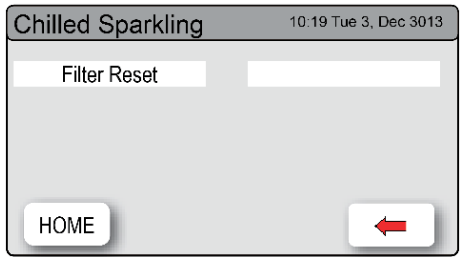
1. Press the [MENU] button for the main menu.
2. Press the [Info] button to view the current product serial number and other key information



1. Press [Product Info] to view the current 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.

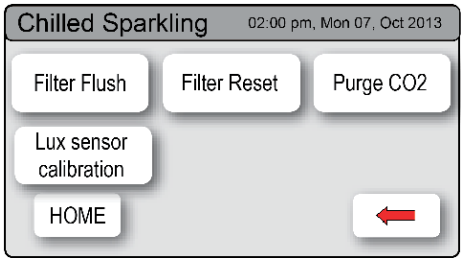


1. Press [Filters Log] to view the system's filter log.
2. Press [<=] button for the previous menu or press [Home] button to return to the home screen.

LCD Screen operation - Section C

C Install

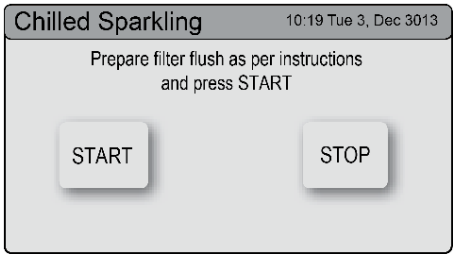
Once your Zenith HydroTap G4 unit has been installed, select the Install menu to configure the system settings for your product.



Sub menu:
1 - Filter Flush
2 - Filter Reset
3 - Purge CO_2
4 - Lux sensor calibration

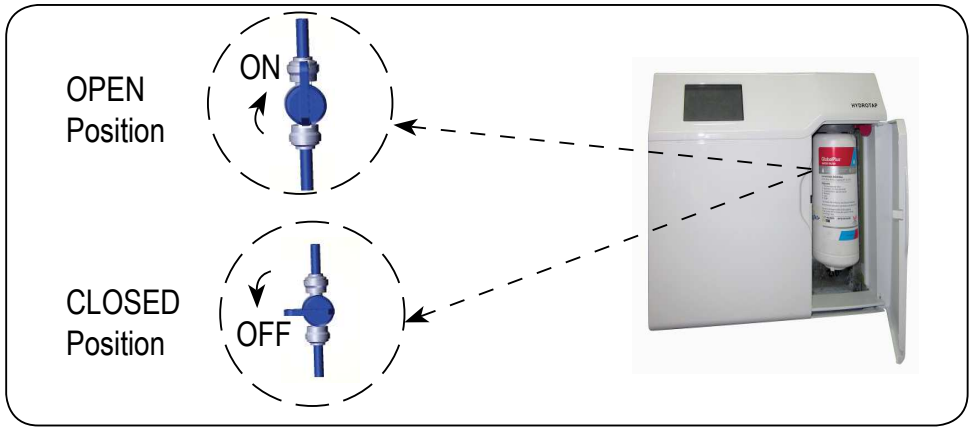
1 - Filter Flush

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 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 free end of the flush line into the bucket or container (not supplied).



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] [Stop] buttons to start and Stop the 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.

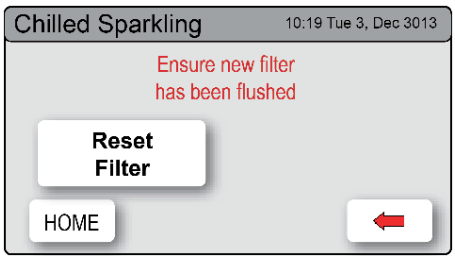
Note: Run at least 10 Ltrs of water through to flush the filter of any excess black carbon particles (this is normal), before pressing the Stop button.Once the filter flush has finished, press the Stop button to display the main menu



The Zenith HydroTap allows the user to adjust the filter life and to edit the filter usage. (See filter details on Page 16).

2 - Filter Reset

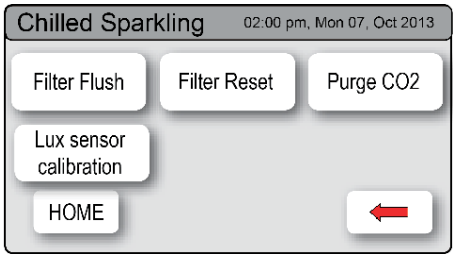
After replacing the filter, the counters should be reset

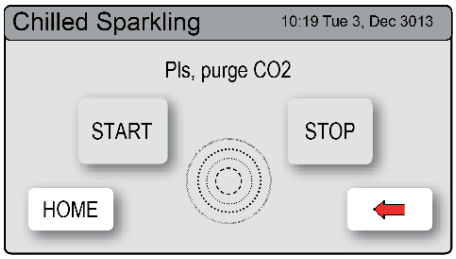


1. Press the [MENU] button for main menu.
2. Press the [Install] button.
3. Press the [Filter Reset] button.
4. In the next screen, press [YES] button if you want to flush the filter. Follow the filter flush steps to start filter flush or press [NO] to cancel the filter reset program. To set the filter life or edit filter usage, refer to section G- Filter.

3 - Purge CO_2

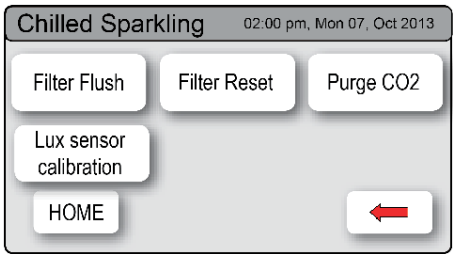
When fitting a new gas bottle, it is important to purge the gas lines.





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.

4 - Lux Sensor Calibration



1. Press [MENU] button for main menu.
2. Press [Install] button.
3. Press [Lux Sensor Calibration] button.
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.

LCD Screen operation - Section D

D Service

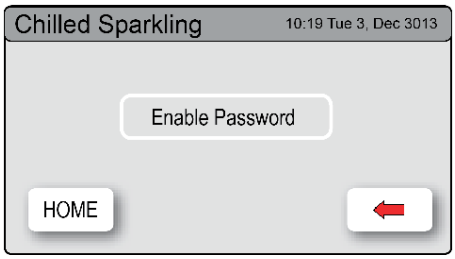
This section is reserved for service technicians only

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

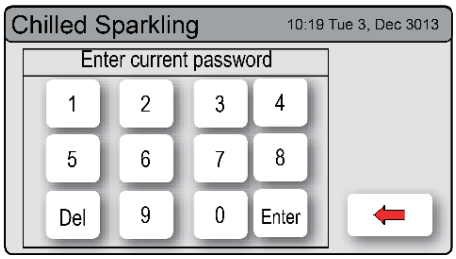
E Security

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



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



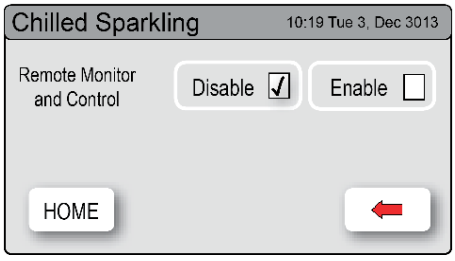
To change a password

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 screen. If you have forgotten the password, please disconnect the power and restart your HydroTap unit.

LCD Screen operation - Section F

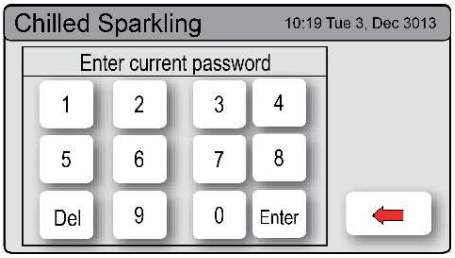
F Communication (when available)

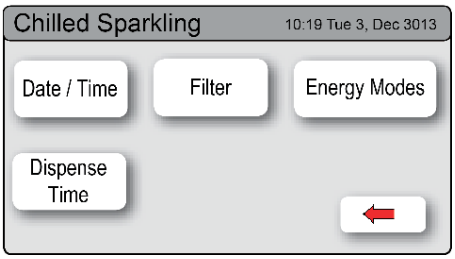
The Zenith HydroTap G4 allows the user to use wifi or Bluetooth to operate the product remotely.



Not yet available

G Settings

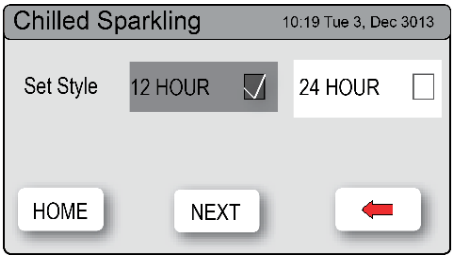




1. Press the [MENU] button for main menu.
2. Press the [Settings] button.
3. Press [Enable Password].
4. Then enter your 4-digit password.

You will need to enter your password to access the settings screens. If you have forgotten the password, please disconnect the power and restart your HydroTap unit.

Set Date / Time



HydroTap G4 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 the date and time using the up and down scroll keys.

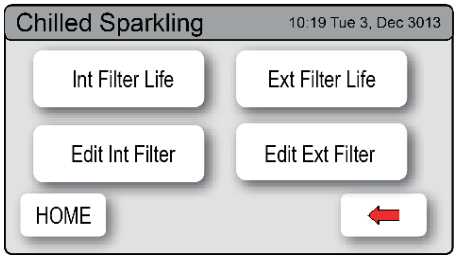
1. Select individually the hour, minutes and day and adjust using the up and down arrows.
2. Select individually the date, month and year and adjust using the up and down arrows.
3. Press [HOME] to return to the Home screen.

LCD Screen operation - Section G

Filter

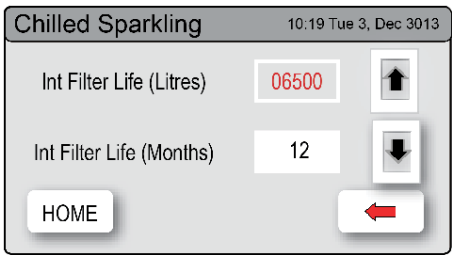
Zenith HydroTap G4 allows the user to adjust filter life and edit filter usage.

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).

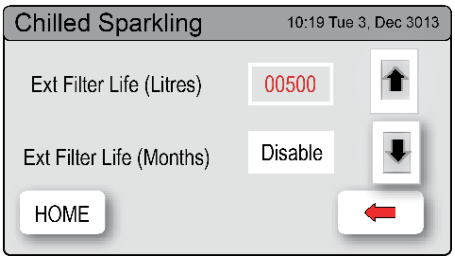


To edit the filter life:

1. Press [MENU] button for main menu.
2. Press [Setting] button.
3. Press [Filter] button.
4. Press [Filter Life] button, for Internal or External filter.
5. To change filter life, first select filter life (Litres) or filter life (Months), then adjust using the up or down arrows.



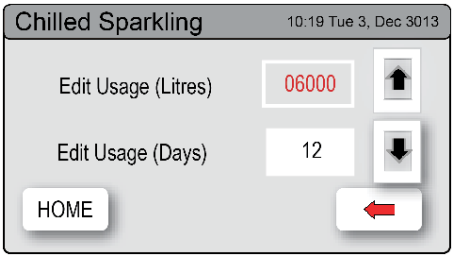
Note:
Filter Life increases in 500 litres increments to a maximum of 10000 litres. Factory set at 6000 litres.



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.



LCD Screen operation - Section G

Energy Modes

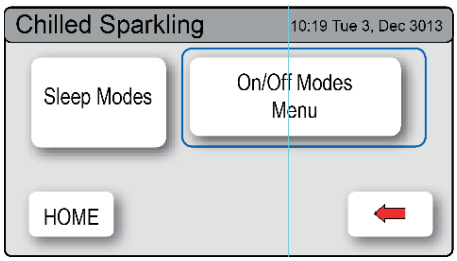
This mode allows the HydroTap to enter into an Energy Saving mode. There are two options available: 'Sleep' mode and 'ON/OFF' mode.

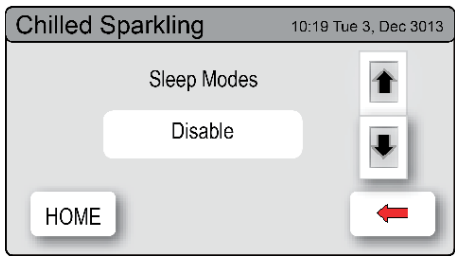
In SLEEP MODE the unit will go to "Sleep" after a 2hr period of inactivity. The Chilled water will be ON or OFF.

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 4 options as shown in the table below.





Sleep Mode	Light Level	Time Delay	State	Chiller
2 Hours-> OFF	N/A	2 Hr	OFF	OFF
Lux Sensor-> OFF	Dark	N/A	OFF	OFF
Lux or 2 Hr-> OFF	Dark	2 Hr	OFF	OFF
Disable	N/A	N/A	ON	ON

Lux (Light) Sensor Calibration:

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

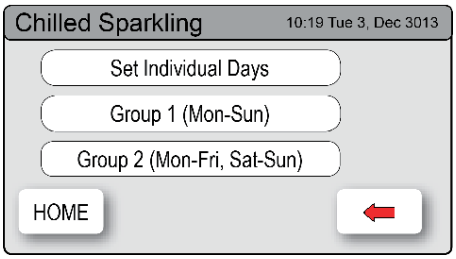
Note: Refer to section C4 on Page 13 for calibration procedure

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.

LCD Screen operation - Section G

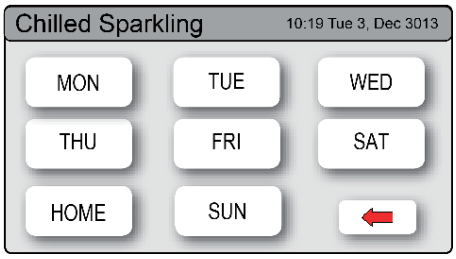
In ON / OFF Mode the user may turn the unit ON or OFF at specific times for individual days or alternatively by weekly and/or weekend settings.

To activate ON/OFF mode:



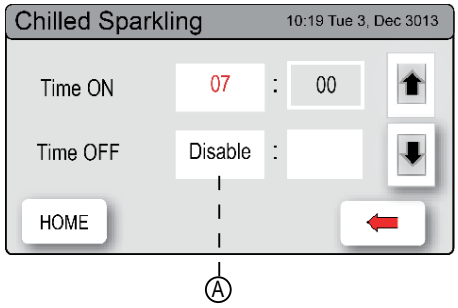
1. Press the [MENU] button for main menu.
2. Press the [Setting] button.
3. If required, Enter your 4 digit password
4. Press the [Energy Modes] button.
5. Select 'Individual set' if you wish to allocate a specific time for each day.
6. Select 'group set 1' if you wish to allocate the same time to all 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 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



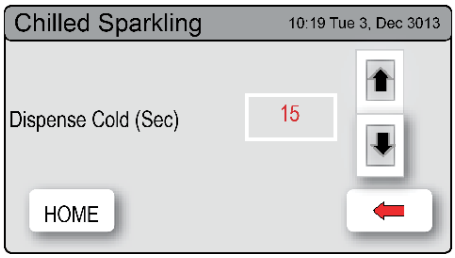
1. Press Group 1 or Group 2 option
2. Press button Ⓐ to enable / disable group set. When the enable box is ticked, this allows each individual day to have an "On/Off" time.
3. Press [ON/OFF Modes] button, to set up ON/OFF time.
4. When in Group 2 Press [NEXT] to select Sat-Sun options

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.

LCD Screen operation - Section G

Dispense Times

The ability to change the maximum dispensing time has been introduced. The default settings for the maximum dispensing times is 15 seconds. Here, the operator may change the Chilled and Sparkling 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

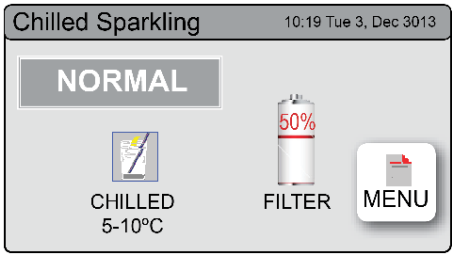
Water Filter

The Zenith HydroTap notifies when a 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 remains 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.

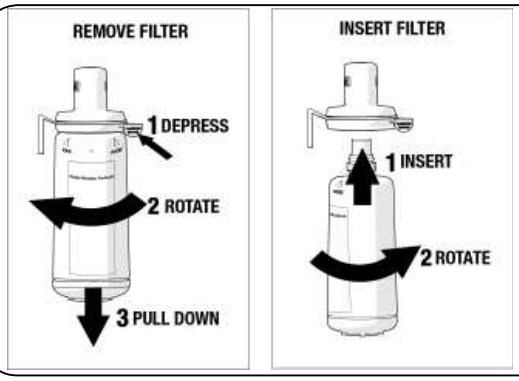


To change the Filter: (See also Section C)

- 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.

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 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.

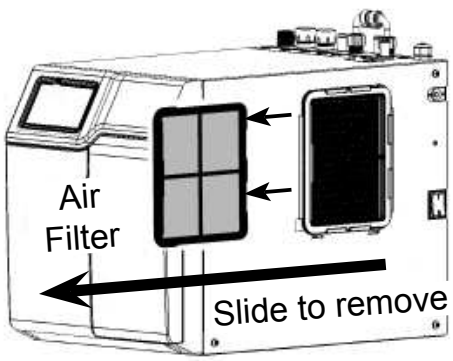


Warning: If the Zenith HydroTap is switched off for a long period of time (e.g. More than a weekend), run water through the chilled water outlet for at least 5 minutes before consumption.

Air Inlet Filter

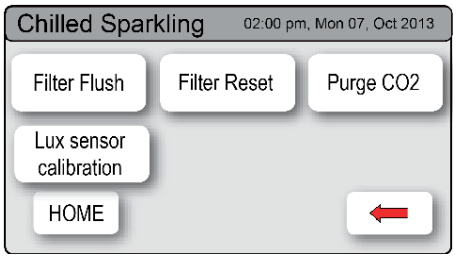
The Zenith HydroTap air filter is conveniently located on the outside of the condenser. The filter screen is a sliding fit in the plastic housing on the side of the under sink unit. The screen may be removed for cleaning, by sliding it forward. This needs to be inspected at least quarterly, cleaned and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

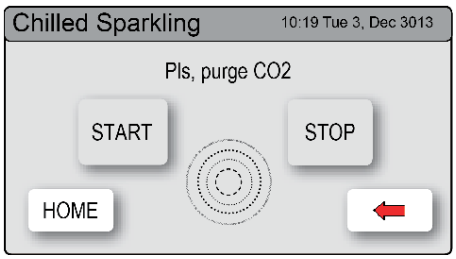
Note: For best performance the unit should only be operated with a clean air filter screen, correctly fitted in place. Maintain, at least, a 50mm air gap in front of the screen at all times. Take care not to allow cloths or other soft materials to accidentally block the air inlet.



Gas bottle change

1. Turn the CO_2 bottle, main control wheel, OFF (Clockwise).
2. Turn the regulator, grey control knob, all the way out (Anti clockwise).
3. Dispense sparkling water for 30 seconds, until the water flow is free of gas
4. Remove the regulator assembly from the bottle by unscrewing the large chrome nut. It is not necessary to remove the hose from the regulator. Be aware that some CO_2 may be discharged from the bottle joint.
5. Be careful not to lose the plastic sealing washer, inside the chrome nut.
6. If the hose is removed from the regulator, be careful not to lose the sealing olive
7. Remove the bottle from the cradle by loosening the velcro securing strap.
8. Fit the regulator and hose assembly to the new gas bottle. Ensure all the seals are in place.
9. Fit the bottle in an upright position (use the velcro securing strap).
10. Turn the regulator grey control knob, ON (Clockwise) & adjust to between 2.7- 3.0 bar. (Green zone on dial).
11. Check all joints for gas leaks using a sponge and soapy water.
12. Press the [MENU] button for main menu.
13. Press the [Install] button.
14. Press the [Purge CO_2] button.
15. In the next screen, press the [START] button to commence the purging process.
16. 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.
17. Press [STOP] to end the purge
18. Press [<=] button for the previous menu or press the [Home] button to return to the home screen.
19. The display screen should revert to Normal operation.
20. Dispense some sparkling water from the tap and perform a taste test.





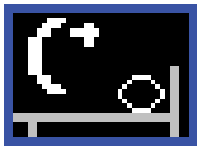
Note: Do not discard your empty 2.0 kg bottle.

The 2.0 kg bottles are refillable. Return the empty bottle to your nearest Zip service centre for exchange.

General cleaning

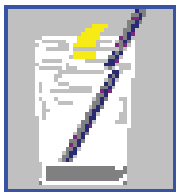
Do not use strong, corrosive, spray or abrasive cleaners. Clean with a soft damp cloth and mild soap.
Under sink units must never be located near, or cleaned with water jets.
Avoid using airborne pesticides near the undersink unit.

Home Menu Icons



Sleep mode is active.
There are 3 sleep mode options which display this icon on the home screen. See page 17 for details.

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 16



CHILLED
5-10°C

Chilled Temperature
The set temperature of the water in the Chiller tank will be displayed. This is will range from 5-10°C

Contact Details

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