

ZIP HydroTap[®] G4 User Guide



**Affix model number label
here**

801623UK



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Tap operation

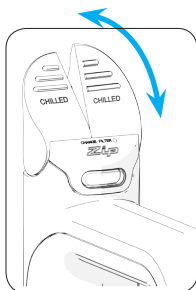
To dispense chilled water

Classic

Depressing the blue CHILLED lever allows the dispensing of 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 14).

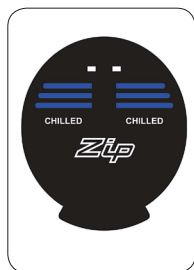
To reset, return the lever to the “off” position and repeat the step. The lever has to be manually returned to the “off” position.



Classic

Elite

Touching the blue CHILLED buttons allows the dispensing of chilled water.

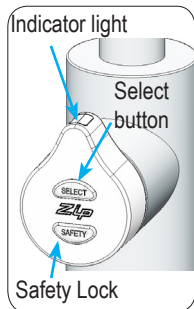


Elite

Arc / Cube

Rotating the control when the indicator light is illuminated blue allows the dispensing of chilled water.

Note SELECT and SAFETY buttons have no function other than visual illumination on the chilled only configuration.



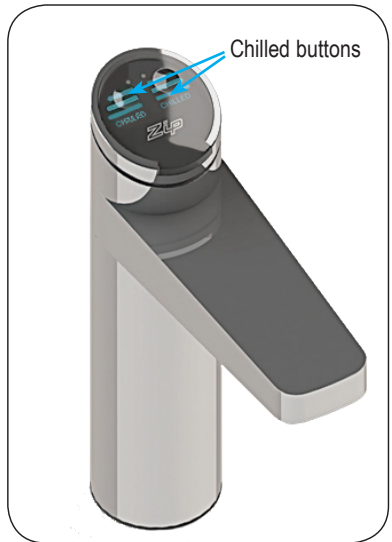
Arc / Cube

Tap operation

Elite

The Elite tap uses touch sensitive controls to dispense chilled water.

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



Elite

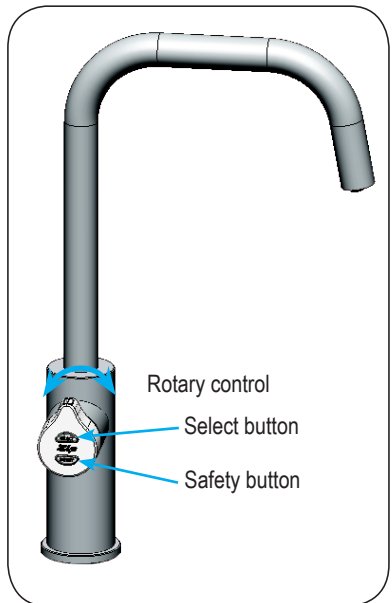
Arc / Cube

On powerup, wait 30secs. for the unit to calibrate.

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

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



Cube

To dispense chilled water see page 2.

Tap lights

Blue CHILLED water lights

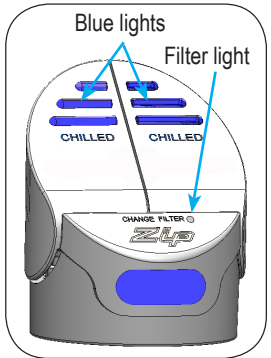
Continually illuminated all models

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

Flashing slowly all models

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.



Classic

Filter light Classic and Elite

Filter light off

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

Filter light flashing slowly

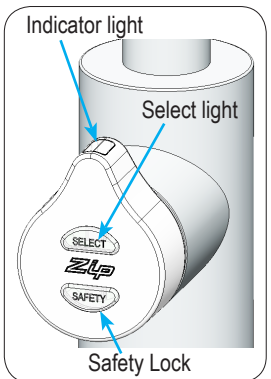
The light will flash slowly when the filter is due for replacement and the LCD will show 'Filter Change'. See, To change the filter, page 14.



Elite

Filter lights

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



Arc / Cube

Reset the filter light

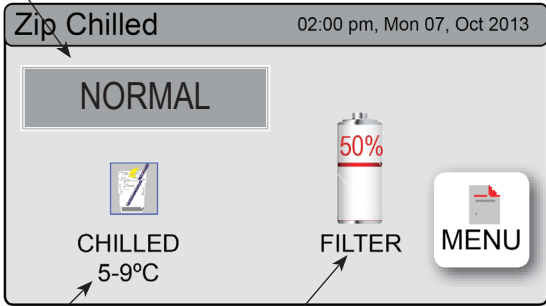
See, To edit the filter usage, page 12.

LCD Screen

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

(See page 16 for home menu icons).

**Status window



Chilled water set temp.

Filter usage

Other possible messages in status window:

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

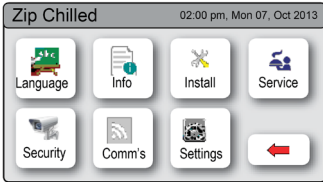
Note When selecting menu options, the screen will revert to the main menu, if the screen remains inactive for a period in excess of 10 seconds.

LCD Screen menu

Main menu	Sub menu	Sub menu options	Section
Language	English / Deutsch		A
Information	<ul style="list-style-type: none"> • Product info. • Filters log • System faults 	<ul style="list-style-type: none"> • Module Revision • Serial number • Product number • Filters • Faults found 	B
Installation	<ul style="list-style-type: none"> • Filter flush • Filter reset • Lux sensor Cal 	<ul style="list-style-type: none"> • Start/Stop • Internal/External 	C
Service	Password protected		D
Security	<ul style="list-style-type: none"> • Enable password 	<ul style="list-style-type: none"> • Set password • Change password 	E
Communication (Not yet available)	<ul style="list-style-type: none"> • Remote monitor • Remote control 	<ul style="list-style-type: none"> • Wifi/Bluetooth Options 	F
Settings	<ul style="list-style-type: none"> • Date/Time • Temperature • Filter • Dispense times 	<ul style="list-style-type: none"> • 2hr/24hr Mode • Cold setpoint • Filter life (Litres) • Filter life (Months) • Cold dispensing 	G

LCD Screen operation - Section A

A. Set language

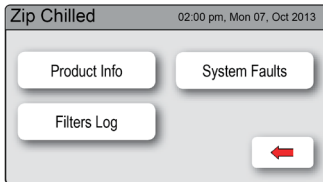


- Press the [MENU] button for main menu.
- Press the [Language] button.
- Select the language.
- Press [=] button for the previous menu.

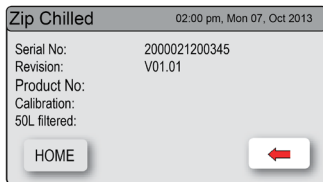
LCD Screen operation - Section B

B. System information

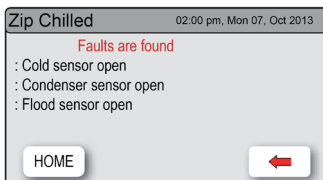
In this section, you can find your product serial number, check system fault messages or view the filter logs of your product.



- Press the [MENU] button for main menu.
- Press the [Info] button.
- Press [Product Info] to view the current product serial number.
- Press [System Faults] to check the fault information.
- Press [Filters Log] to view filter resets data.
- Press [=] button for the previous menu.



- 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.



- Press [System Faults] to check the fault information.
- Press [=] button for the previous menu or press [HOME] button to return to the home screen.



- Press [Filters Log] to check the filter resets.
- 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 Zip HydroTap®G4 unit has been installed, Go to the install menu to configure the system settings for your product.

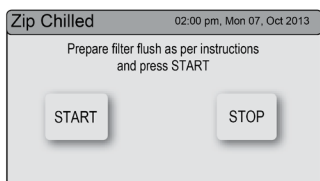


Sub menu

1. - Filter flush.
2. - Filter reset.
3. - Lux sensor calibration.

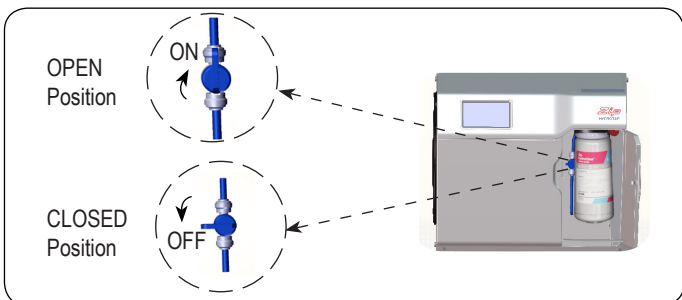
1. Filter flush

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 Command-Centre™ 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).



- 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.

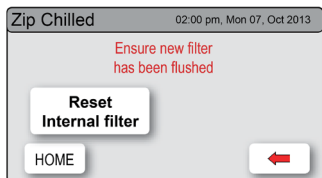
Note Run at least 10 Litres of water through to flush the filter of any excess black carbon particles (this is normal). Once the filter flush has finished, press the [STOP] button to display the main menu.



LCD screen operation - section C

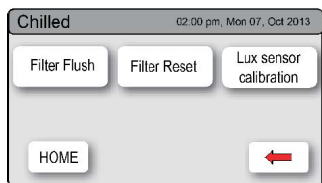
2. Filter reset

After replacing the filter, the counters should be reset.



- Press the [MENU] button for main menu.
- Press the [Install] button.
- Press the [Filter Reset] button.
- Press the [Reset Internal Filter] button.
- If you need to flush the filter follow the filter flush guide opposite.
- To cancel the filter reset program press [HOME] or [←].
- To set the filter life or edit filter usage, see page11-12.

3. Lux sensor calibration



- 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.

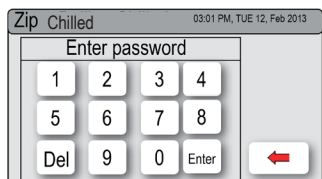
Note Correct operation of the Lux sensor can be verified by selecting Lux Sensor - OFF. When the room is darkened, below the calibrated light level, the lights will turn off after approx. 30 seconds. See Energy Modes, page 12.

Note Undertake lux sensor calibration under normal (not dark) lighting conditions.

LCD Screen operation - Section D

D. Service

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



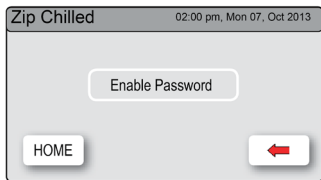
- Press the [MENU] button for main menu.
- Press the [Service] button.
- A password is required to enter service menu.

Note In UK call a licensed electrician / plumber, or call Zip by Telephone: 0845 6 005 005 on Mobile: 0345 6 005 005, for assistance, service, spare parts or enquiries.

LCD Screen operation - Section E

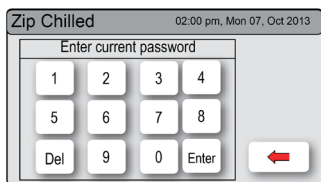
E. Security

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



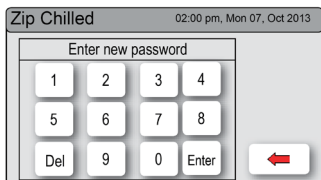
To set a password

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



To change a password

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



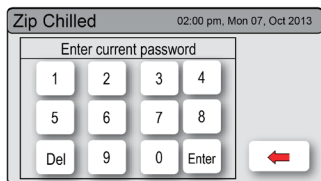
LCD Screen operation - Section F

F. Communication (when available)

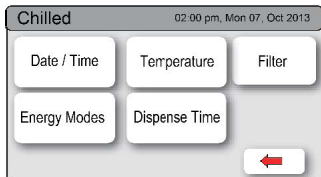
Not yet available

LCD Screen operation - Section G

G. Settings



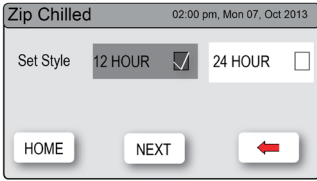
- Press the [MENU] button for main menu.
- Press the [Settings] button.
- Enter your 4-digit password and press [Enter].
- Once the password has been set you will need to enter the password to access the settings screen. If you have forgotten the password see above, LCD screen operation - section E security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



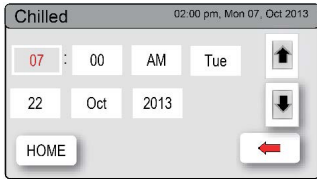
In the settings mode you will be able to access the following:

LCD Screen operation - Section G

Set Date / Time

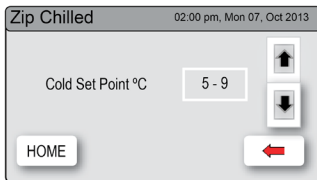


HydroTap®G4 Set date/time screen



- Press the [MENU] button.
- Press the [Setting] button.
- Enter your 4-digit password and press [Enter].
- Press the [Date/Time] button.
- Choose '12 HOUR' mode or '24 HOUR' mode by pressing the square button. The selected mode will be displayed in dark grey colour with a tick box on the right.
- Press [NEXT] button to set time.
- Select individually the hour, minutes and day and adjust using the up and down arrow
- Select individually the date, month and year and adjust using the up and down arrows.
- Press [HOME] to return to the home screen.

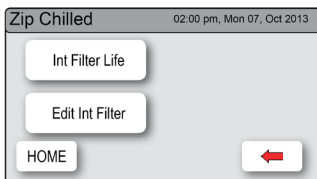
Set temperature



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

Filter

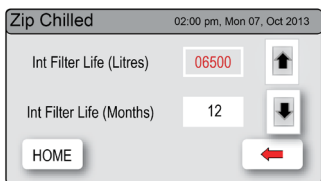
Zip HydroTap®G4 allows the user to adjust filter life and edit filter usage.



To edit the filter life

- Press the [MENU] button for main menu.
- Press the [Settings] button.
- Enter your 4-digit password and press [Enter].
- Press the [Filter] button.
- Press the [Int Filter Life] button.

LCD Screen operation - Section G

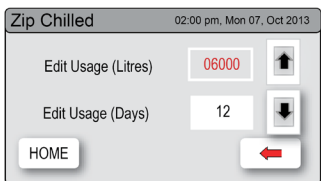


- To change filter life, first select (Litres) or (Months) then press the up or down arrows to edit filter life.

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 (see Filter maintenance below).



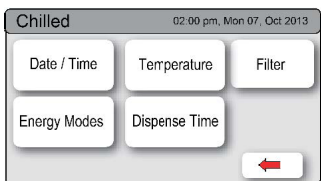
- Press the [MENU] button for main menu.
- Press the [Settings] button.
- Enter your 4-digit password and press [Enter].
- Press the [Filter] button.
- Press the [Edit Int Filter] button.
- To change filter usage, first

select (Litres) or (Days), then use the up and down arrows to edit the filter usage.

Energy modes

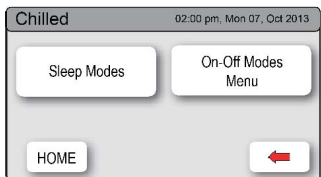
This mode allows the HydroTap®G4 to go into energy saving mode. There are two options available: sleep mode and on/off mode.

In sleep mode the unit will go to "Sleep" after a 2hr period of inactivity. The chilled water will gradually rise to room temp, as shown in the table below and the chilled water will be OFF (or ON if disabled).



To activate sleep mode

- Press the [MENU] button for main menu.
- Press the [Settings] button.
- Enter your 4-digit password and press [Enter].
- Press the [Energy Modes] button.
- Press the [Sleep Modes] button then in the next screen, use the up and down arrow to select sleep mode from the 4 options 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 Sensor or 2 Hr > OFF	Dark	2 Hr	OFF	OFF
Disable	N/A	N/A	ON	ON

LCD Screen operation - Section G

It is recommended to recalibrate the lux sensor after selecting any of the lux sensor options from the sleep mode menu. (See page 9 ,Lux sensor calibration).(Classic, Arc / Cube only).

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

On/Off mode menu

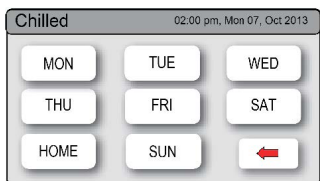


On/Off mode allows the user to turn the unit on or off at a specific time.

To activate On/Off mode

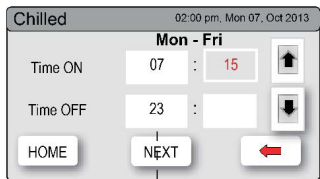
- Press the [MENU] button for main menu. Press the [Settings] button. Enter your 4-digit password and press [Enter].
- Press the [Energy Modes] button.
- Press [ON/OFF Modes Menu] button, to set up ON/OFF time.
- Select 'Individual Set' if you wish to allocate a specific time for each day.
- Select 'Group 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 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



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

(A)

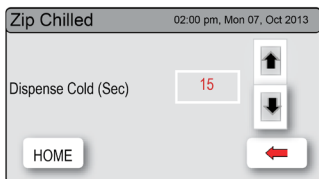
Note Any attempt, during off mode, to dispense water, will bring the unit out of energy mode. The system will revert to the energy mode setting after 30 minutes of non use.

LCD Screen operation - Section G

Dispense Times

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

To edit the dispensing times.



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

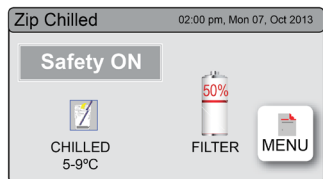
Filter maintenance

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 white change filter light (for location see Tap lights, page 4) will flash once per 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.

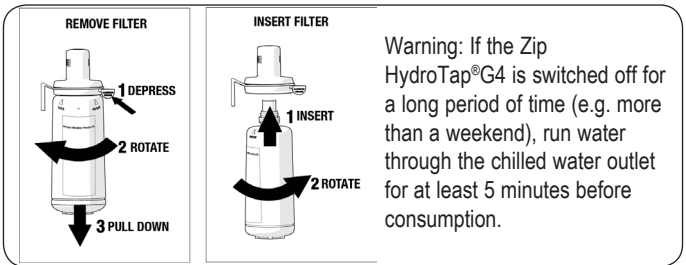
To change the filter

- 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.
- **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

Filter maintenance

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 6).
- 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 Filter, pages 11-12 litres and days).



Warning: If the Zip HydroTap®G4 is switched off for a long period of time (e.g. more than a weekend), run water through the chilled water outlet for at least 5 minutes before consumption.

Warning If the HydroTap®G4 is switched off for a long period of time. (e.g. more than a weekend), run water through the chilled water outlet for at least 5 minutes before consumption.

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 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.



Home menu icons



Chilled temperature

The temperature of the water in the chilled tank will be displayed between 5°C and 9°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.

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™.

Contact details

Head Office

Zip Water UK
14 Bertie Ward Way
Dereham
Norfolk NR191TE

Website: www.zipwater.com/uk
Email: sales@zipindustries.co.uk
Facsimile: 01362 692 448
Telephone: 0845 6 005 005
Mobile: 0345 6 005 005

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, download the latest copy from www.zipwater.com/uk

The terms "Zip" and "HydroTap" are registered trade marks of Zip Heaters (Aust) Pty Ltd.

Zip products described in this publication are manufactured under one or more of the following patents: AU675601, AU637412, AU635979, GB0422305, GB2065848, US4354049, US5103859, US5099825 and SA2006/08043. Other patents are in force and patent applications are pending.

