

User Guide

Trio

Drinking Water Appliance



For *Trio* Models
915, 925, 940, 960,
9100 and 9180

Billi

Table of Contents

| | Page |
|---|------|
| Billi Service Support | 2 |
| Caution and Safety | 2 |
| Cleaning | 2 |
| Normal Operation..... | 3 |
| Dual Action Levers | 3 |
| Safety Timeout | 3 |
| Dispenser Indicator Lights | 3 |
| Time Switch | 3 |
| Childproof/Safety Switch | 3 |
| Audible Boiling Water Safety Warning | 3 |
| Cold Water Temperature | 3 |
| Setting Instructions..... | 4 |
| Normal Time Display | 4 |
| Setting Normal Time – P01 | 4 |
| Setting Timeswitch Start Time – P02 | 4 |
| Setting Timeswitch Stop Time – P03 | 4 |
| Setting Days On or Off – P04 | 5 |
| Setting Childproof/Safety Switch – P05..... | 5 |
| Setting Audible Dispenser Beep – P06..... | 5 |
| Setting Chilled Water Temperature – P07 | 5 |
| User Service | 6 |
| Billi Filter Cartridges | 6 |
| Replacement of Filter Cartridges | 6 |
| <i>Trio</i> Service Codes..... | 7 |
| Warnings | 8 |

Billi Service Support

Thankyou for choosing to install a Billi *Trio* Drinking Water Appliance. Your *Trio* is manufactured to exacting standards using high quality materials and with proper maintenance and care should function for many years.

The supplier or representative caring for your service requirements and supplying replacement filter cartridges is:

Should any problems arise and our representative be unavailable or unable to help, please call our FREECALL phone number **1800 812 321**.

Caution and Safety

Boiling water is dangerous and should be treated with care. Your Billi *Trio* is designed to be as safe as practical and the following safety features have been included:

- Ergonomic levers with definite up/down action.
- Levers located safely above water outlet.
- Warning beep prior to boiling water delivery.
- Smooth electronically controlled boiling water flow rate. Flow is briefly reduced as water first enters cup to prevent splashing.
- Dispenser remains cool to touch.
- Optional childproof/safety switch.

Cleaning

Your *Trio* Dispenser is fabricated from robust metal with a tough protective chrome plating. Care of dispenser is as with any chrome plated tapware. Avoid using abrasive cleaners. Wipe clean using a damp cloth. Use of a non solvent, non smearing cleaner such as Windex is recommended. Do not pour water over dispenser.

Normal Operation

Dual Action Levers

To dispense drinking water from your Billi *Trio*, the hot or cold levers may be depressed or lifted. When lifted, the levers will latch for continuous delivery until released with a light press. The *Trio* will not dispense hot and cold water simultaneously. Whichever lever is first operated determines whether hot or cold water will be dispensed.

Safety Timeout

Your Trio incorporates a safety timeout for water delivery to prevent uncontrolled flow of water. Water flow stops automatically after a set time interval. Flow can be started again by releasing and pressing dispenser lever. Boiling water timeout – 20 secs, Chilled water – 1 minute.

Dispenser Indicator Lights

The red boiling water indicator light on the dispenser flashes while the water is heating and remains lit when boiling temperature is reached.

The blue chiller indicator light on the dispenser indicates that chilled water is available and flashes if the water is not sufficiently chilled.

A yellow “Change Filter” indicator light on the dispenser flashes when filter replacement is due.

Time Switch

Your Billi *Trio* incorporates an energy saving Time Switch. This function allows the *Trio* to automatically turn ON and OFF at times selected. The Time Switch may be activated or deactivated. Refer to Setting Instructions.

Childproof/Safety Switch

Your Billi *Trio* may be fitted with the optional Childproof/Safety Lockout Switch. If lockout is activated, the safety switch located at the rear of the dispenser needs to be pressed first before pressing the hot lever. There is an 8 second time-out after pressing the safety switch to dispense boiling water. To activate this function, refer to Setting Instruction P05.

Audible Boiling Water Safety Warning

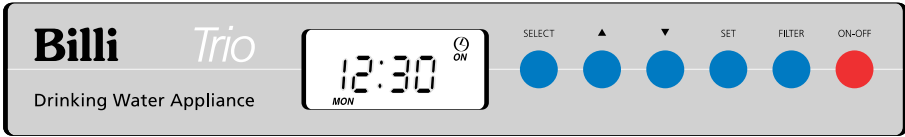
Two audible “beeps” are heard in the short time period between pressing the hot lever and boiling water delivery to alert as to danger.

This function can be activated or deactivated. Refer to Setting Instruction P06.

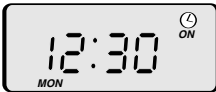
Cold Water Temperature

Your Chilled water delivery temperature can be adjusted to suit individual preference. Refer to Setting Instruction P07.

Setting Instructions

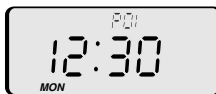


Normal Time Display



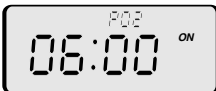
- Press ON-OFF to turn *Trio* on or off.
- Press ON-OFF and hold for 2 seconds to activate or deactivate time switch. The symbol ☉ in the display indicates Time Switch is activated

Setting Normal Time – P01



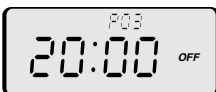
- Press SELECT – P01 is flashing.
- Press SELECT again – Hours flash. To change, press ▲ or ▼
- Press SELECT – minutes flash. To change, press ▲ or ▼
- Press SELECT – day flashes. To change, press ▲ or ▼
- Press SELECT – P01 is flashing. To proceed to next program, press ▲ or press SET to return to normal.

Setting Timeswitch Start Time – P02



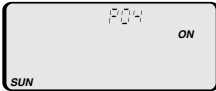
- Press SELECT – P01 is flashing.
- Press ▲ – P02 is flashing.
- Press SELECT – Starting Hours flash. To change, press ▲ or ▼
- Press SELECT – Minutes flash. To change, press ▲ or ▼
- Press SELECT – P02 is flashing. To proceed to next program, press ▲ or press SET to return to normal.

Setting Timeswitch Stop Time – P03



- Press SELECT – P01 is flashing.
- Press ▲ twice – P03 is flashing.
- Press SELECT – Stop Hours flash. To change, press ▲ or ▼
- Press SELECT – Minutes flash. To change, press ▲ or ▼
- Press SELECT – P03 is flashing. To proceed to next program, press ▲ or press SET to return to normal.

Setting Days On or Off – P04



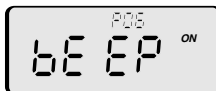
- Press SELECT – P01 is flashing.
- Press ▲ 3 times – P04 is flashing. Display will show a list of days set to ON.
- Press SELECT – SUN flashes. Press ▲ or ▼ to turn on or off.
- Press SELECT – MON flashes. Repeat previous procedure to set all days.
- Press SELECT after setting SAT – P04 is flashing.
- Press ▲ to proceed to next program or press SET to return to normal.

Setting Childproof/Safety Switch – P05



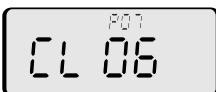
- Press SELECT – P01 is flashing.
- Press ▲ 4 times – P05 is flashing and *SAFt* is displayed.
- Press ON/OFF Button to turn on or off.
- Press ▲ to proceed to next program or press SET to return to normal.

Setting Audible Dispenser Beep – P06



- Press SELECT – P01 is flashing.
- Press ▲ 5 times – P06 is flashing and *bEEP* is Displayed.
- Press ON/OFF Button to turn on or off.
- Press ▲ to proceed to next program or press SET to return to normal.

Setting the Chilled Water Temperature – P07



- Press SELECT – P01 is flashing.
- Press ▲ 6 times – P07 is flashing. Current set temperature is displayed in °C.
- Press SELECT – numbers flash. Press ▲ or ▼ to change (between 6-20°C).
- Press SELECT – P07 is flashing.
- Press SET to return to normal.

User Service

Billi Filter Cartridges

The Billi *Trio* dual stage filtration system incorporates two cartridge type filters, a sediment pre-filter and a high quality carbon block post-filter. This combination is designed to remove or reduce sediment, taste and odour, chlorine, heavy metals, chemicals and pesticides.

The Billi 1 micron post filter cartridge has been tested and complies with U.S. NSF Standard 53 Protocol for safe removal of more than 99.96% of 1-2 micron particulates including health threatening *Giardia Lamblia* cysts and *Cryptosporidium*. Refer to the separate Billi Filter data sheet for further information.

Use only genuine Billi Filter Cartridges as designed for this system. If the system has not been used for a period of three days or more, lift the cold lever and flush the system for at least one minute.

Replacement of Filter Cartridges

Periodic replacement of your Billi Filter Cartridges is necessary to maintain the sparkling cleanliness and purity of your drinking water.

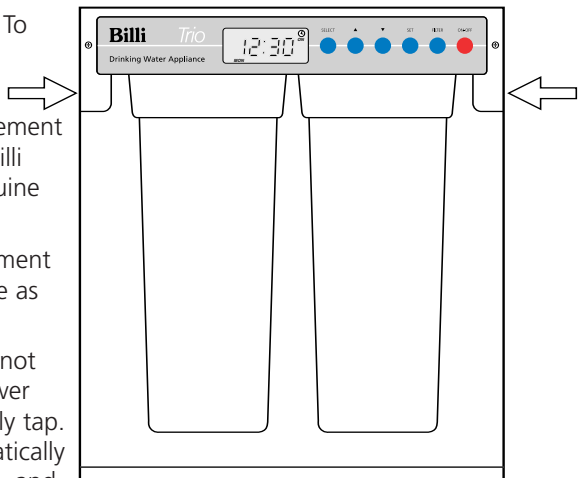
The monitor light at the base of the dispenser will flash when filter replacement is due. This monitor is turned on when the preset time or quantity of water is reached.

A replacement filter cartridge installation service is available. To arrange, contact your Billi representative.

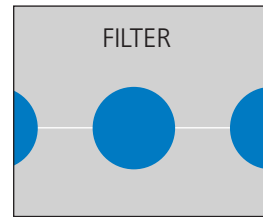
If you wish to install the replacement filter cartridges yourself, your Billi representative can provide genuine Billi replacement cartridge sets.

When you receive your replacement cartridges, follow the procedure as outlined below:

1. Press ON/OFF button. Do not turn off power at the power point or close water supply tap. Incoming water is automatically turned off within the unit and pressure is relieved.
2. Remove front cover by pressing sides as shown, pulling forward and lifting off.
3. Unscrew filter housing sumps using spanner supplied.
4. Discard old filter cartridges.



5. Thoroughly cleanse the inside of the housings using hot water and detergent. Remove O rings, clean and inspect for damage. Wipe O ring grooves clean.
6. O rings should be lubricated using petroleum jelly (Vaseline). Refit rubber O rings into grooves.
7. Install new cartridges in their correct locations. The spun-woven fibre sediment removal cartridge is installed into the R.H. filter housing and the chemical removal cartridge into the L.H. housing. **Coloured rubber sealing washer on the chemical removal cartridge must be positioned facing upwards.**
8. Tighten housings. Do not overtighten as housings will be later difficult to undo.
9. Press the FILTER button. The *Trio* will now automatically turn the water supply on and begin a flushing cycle. Cold water valve opens and closes for approximately 1 minute until air is expelled and then stays open for a further 3 minutes to flush and condition the new filter cartridge. After 4 minutes, the *Trio* returns to normal and is ready for use. The blue dispenser indicator will flash until the correct chilled water temperature is reached.
10. Check there is no leakage from the filter housings and refit front cover.



Trio Service Codes

Your Billi Trio incorporates a fault detection and diagnosis system. Should a fault ever occur, a coded diagnosis will be displayed and the unit shut down. Fault codes 0001 to 0010 are reset after rectification by pressing the FILTER Button. Fault codes from 0100 to 8000 are reset by turning power point off and after a few seconds, on again. If fault code continues to appear, note the number showing and contact your Billi service representative.

If any of the below listed fault codes appear in the display, check for the following:



- Sediment and chemical filters may be reversed.
- Chemical filter cartridge may be installed upside down.
- Chemical cartridge terminals may not be making good contact. Unscrew L.H. filter housing and rotate cartridge 90°. Retighten housing.
- An incorrect type of filter has been fitted. Replace with genuine Billi filter.



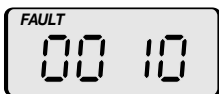
A new filter has been installed but system not yet reset. Press FILTER Button. Flushing cycle begins.



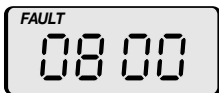
Filter ID mismatch. A used filter from another unit has been installed. Replace with new genuine Billi *Trio* filter cartridge.



Your filter monitor cup count has expired. Replace filter cartridge.



Your filter monitor day count has expired. Replace filter cartridge.



A malfunction has been detected. Note the number showing on the display and contact your Billi service representative.

Numbers from 0100 to 8000 may be displayed.

Warnings

- Your appliance should be installed by a qualified person.
- For correct operation of this appliance it is essential to observe the instructions as outlined in this booklet.
- Do not use this appliance with water that is microbiologically unsafe or with water of unknown quality without adequate disinfection before or after the system. Systems certified for cyst reduction may be used on disinfected water that may contain filterable cysts.
- Filter replacement must be performed at intervals of not more than 12 months.

Billi Pty Ltd

42 Lucknow Crescent, Thomastown Victoria 3074
Telephone 1800 812 321 (Free Call)
