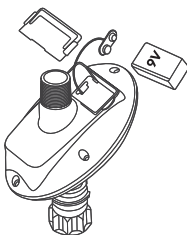


HOW TO OPERATE AUTO-TIMER

Tips Recommended Auto-Timer setting: 3 cycles daily with 2 mins per cycle at 10am, 3pm & 10pm. Cycle frequency & duration depend on feed water quality.

BATTERY INSTALLATION



- Hold the controller with the battery compartment facing you
- Remove the battery compartment cover
- Connect 9V battery to the battery connector
- Insert battery and press on battery cover
- Pay attention: when changing the battery, make sure the battery compartment stays dry

Use Alkaline batteries only.
(Changing the battery every 6 months is recommended).

IRRIGATION PROGRAMMING

This section contains an example of weekly irrigation program. Simply alter data in the example to adapt the program to meet your irrigation requirements.

The digital controller is programmed with the aid of 4 buttons.

- ⊖ Programming step - to select the appropriate programming mode (e.g. clock setting mode).
- ⊙ Parameter selection - to change the parameter (e.g. hour, minute, etc.) To implement the change, the selected parameter must blink.
- ⊕ Data increment (increase) - raises the value of the selected parameter (e.g. adds an hour)
- ⊖ Data decrement (decrease) - lowers the value of the selected parameter (e.g. deducts an hour).

If no changes are implemented, the controller display will always revert to the main screen (clock).

Display digits will stop blinking after 40 seconds. If the last parameter stops blinking before you have completed your programming, press ⊙ to continue the process.

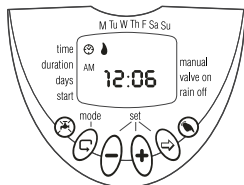
Emergency Irrigation: After inserting batteries if no buttons are pressed, the clock will blink continuously. After 10 minutes, the controller will implement 5-minute irrigation on a 24-hour cycle.

SETTING CURRENT TIME & DAY OF THE WEEK

Setting The Clock

To enable the irrigation controller to operate the irrigation system at the required times, the current time and day of the week must be set as shown below:

1. Press ⊖ several times until ⊙ appears.
2. Press ⊙. The hour digits blink. Set the current hour with the aid of ⊕ or ⊖.
3. Press ⊙. The minute digits blink. Set the current minute with the aid of ⊕ or ⊖.



SETTING THE DAY OF THE WEEK

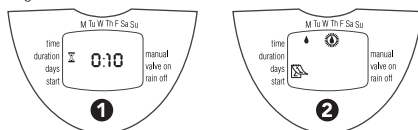
1. Press ⊙ until a blinking drop appears at the top of the display
 2. Set the drop on the current day of the week by pressing on ⊕ or ⊖.
- For a 24 hour clock display, press concurrently on ⊕ and ⊖ buttons once the hour digits stop blinking. Pressing these buttons again will revert the display to AM/PM hour display.

PROGRAMMING A WEEKLY IRRIGATION SCHEDULE (Set Days Of The Week)

Let's assume that we want to program the irrigation controller to flush three times a day at 8:00am., 1:00p.m. and 7:00 p.m., for 10 minutes each time, on Tuesday and Friday.

1 PROGRAMMING DURATION OF IRRIGATION

1. Press ⊙ until ☔ appears beside the word "Duration". The hour digits blink (0)
2. Press on ⊕ or ⊖ to change the watering duration in the example.
3. Press ⊙. The minute digits will blink. Press on ⊕ or ⊖ until the minute digits reach 10.

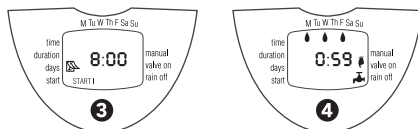


2 PROGRAMMING IRRIGATION DAYS

1. Press ⊙. ☔ will appear beside the word 'Days'. If you are programming the controller for the first time, the word 'OFF' will blink on the display.
2. Press ⊙. A blinking drop will appear under Monday on the upper section of the display. Using ⊙, position the blinking marker under Tuesday, and press ⊕. The marker under Tuesday will stop blinking and another marker will start blinking under Wednesday. Press ⊙ twice more until the blinking marker reaches Friday. Press ⊕ again.

3 SETTING IRRIGATION START Time/date

1. Press ⊙. START I will appear on the display. Press ⊙. The hour display will start blinking.
2. Using ⊕ or ⊖ to set the start time at 08:00 AM (note the AM/PM indicators). Repeat this operation for the second irrigation period (START II) at 13:00, and for the third irrigation period (START III) at 19:00.
3. Press ⊙. START IV will appear on the display. Press ⊙. The hour digits will blink.
4. Press ⊕ or ⊖ until the word 'OFF' appears on the display. The fourth irrigation start is cancelled.



4 COMPUTERIZED MANUAL OPERATION

This option operates the valve for the defined irrigation period. The valve will close automatically at the end of the irrigation period. Note that the originally programmed irrigation schedule will continue to function at the set times. This setting cannot be implemented when the display is blinking.

Operation: Press ⊙. ☔ will appear next to the word 'Manual', and ☔ will appear underneath it.

5 IRRIGATION CONTROLLER SUSPENSION

This option is used to temporarily suspend irrigation controller operation, for example, while it is raining.

The irrigation operation schedule remains in the controller memory but is not implemented until the suspension is canceled.

Suspension: Press ☔ for 3 consecutive seconds until the symbol ☔ appears.

Cancel Suspension: Press ☔ for 3 consecutive seconds to return irrigation system control to the irrigation controller. The ☔ symbol will disappear. During suspension, the 'Manual' ⊙ button will not function.

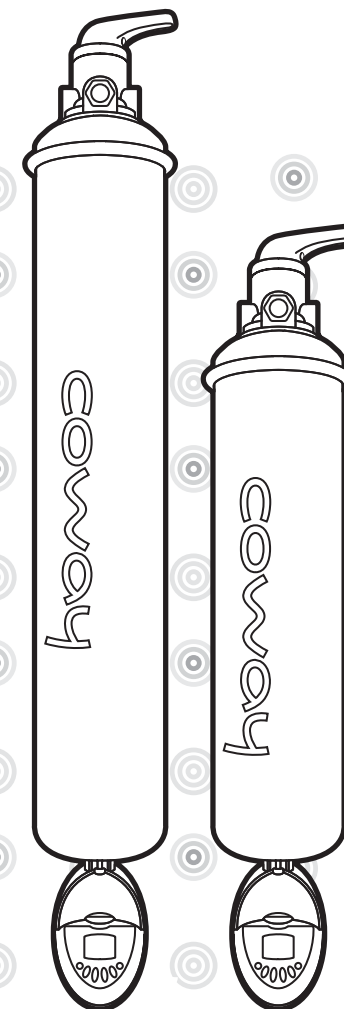


coway

OUTDOOR FILTRATION SYSTEM

BAMBOO MINI POE-14A & BAMBOO POE-15A

- Before operating the unit, please read this manual thoroughly, and retain it for future reference.



SPECIFICATION

Product Name		BAMBOO MINI	BAMBOO
Model		POE-14A	POE-15A
Filter		Alpha 7 UF Membrane	
Filter Life Cycle		3 Years	
Housing Shell Material		JIS 304 Grade Stainless Steel	
Working Temperature		5 - 45°C	
Flow Capacity		60 -160L/m ²	
Pressure	Membrane	15 - 100 PSI	
	Housing	125 PSI (Maximum Pressure)	
Membrane Area (m ²)		2.9m ²	5.3m ²
Dimension	Product	167mm (Ø) X 834mm (H)	167mm (Ø) X 1140mm (H)
	Filter	146mm (Ø) X 428mm (H)	146mm (Ø) X 728mm (H)
Net / Gross Weight		7kg (Net) / 8kg (Gross)	10kg (Net) / 11kg (Gross)

- The specifications may subject to minor changes due to continuous product quality improvement.
- Alpha 7 UF Membrane filter replacement cycle described herein does not refer to the filter quality warranty period but the expected cycle (life) that filter shows its original performance. Moreover, the filter replacement cycle may be reduced due to heavy usage or poor water quality.

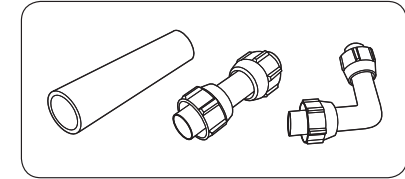
TROUBLESHOOTING

Problem	Potential Causes	What To Do
No Water Flow	• Is there any suspension of water supply or has the main water source been turned off?	Wait for water supply or turn on the main water source
	• Is the controller handle pointed incorrectly?	Turn controller handle to 'Filter' position
	• Filter has clogged due to poor water quality or over usage?	Turn controller handle to 'Bypass' position and call Coway service
Indoor Filter Has Been Contaminated	• Is the controller handle pointing at 'Bypass' position?	Turn controller handle to 'Filter' position
	• Has user performed backwash without rinsing?	Allow 2-3 minutes rinsing after backwash
	• Water remains dirty after backwash and rinse?	Call Coway toll free service 1-800-888-111
Water Leakage	• Water leaking from connector part or product?	Call Coway toll free service 1-800-888-111
Water Turns Warm	• Filtered water has turned warm?	Turn controller handle to 'Rinse' position for 2-3 minutes before turning back to 'Filter' position.

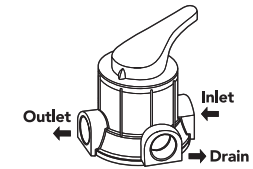
INSTALLATION

1 Recommended piping


 **Use Polypipe**

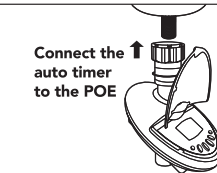


2 Controller valve inlet and outlet position




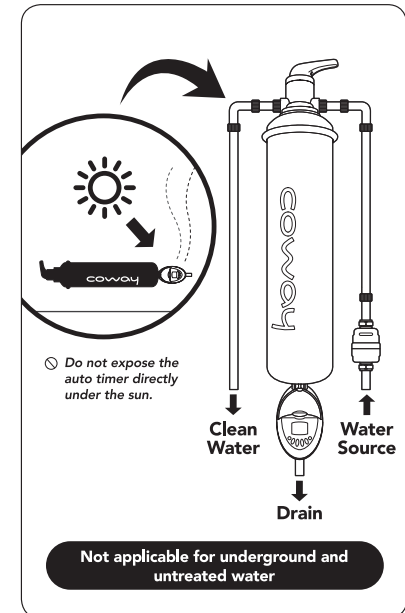
3 Connect auto-timer valve to the bottom connector

 Installation of Auto-Timer may not be required, depending on water quality & condition



4 Water circuit installation

 Vertical position is recommended to protect auto-timer from direct sunlight



HOW TO OPERATE 4-STAGES CONTROLLER



- Turn controller handle to '**FILTER**' for normal usage position.
- Turn controller handle to '**BACKWASH**' once a month for 30-60 seconds. (Backwash frequency depends on water quality)
- Turn controller handle to '**RINSE**' after Backwash for 2-3 minutes.
- In the event of filter clogged, turn controller handle to '**BYPASS**' position.