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CO3009 - Misting Tap Timer

Thank you for purchasing this device, please read the operating instructions carefully to familiarise yourself with the features and modes of operation before using the Misting Tap Timer.



CO3009 **N10372** **CE**
INSTRUCTION MANUAL
 Australian Regd. Design No. 356539

Battery Installation

- Hold the tap timer with the battery compartment facing you.
- Remove the battery compartment cover, lifting from one side.
- Connect a 9V battery to the battery connector.
- Insert the connected battery and press on the battery cover.

NOTE: When the battery is first fitted, it takes up to 1 minute for the battery indicator to assess the battery strength.

NOTE: When changing the battery, make sure the battery compartment stays dry.

USE ONLY ALKALINE BATTERIES.



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Controller Installation

Make sure the filter (washer) is in place, then screw the tap timer to the faucet/tap by attaching the side with the female swivel hose thread connector to the tap or hose end, then turn it clockwise (hand tighten only). Connect the controller hose male thread side to your system.

Please also see the 'Important Tips for Installation' on pages 15 - 17, explaining how to safely connect & release your Misting Tap Timer during installation, and for future use of the product.



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Irrigation Programming

This section contains an example of weekly irrigation programming. Simply alter data in the example to adapt the program to meet your irrigation requirements. The Misting Tap Timer is programmed with the aid of 4 buttons.

- ⌚ Programming step - used to select the appropriate programming mode (e.g. clock setting mode).
- ➡ Parameter selection - used to select the parameter to be changed (e.g. hour, minute, etc) To implement the change, the selected parameter must be blinking.
- ⊕ 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).

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Programming Example

This unit is designed for watering Misting Systems, Greenhouses or HOLMAN GreenWall™ systems. The key features are that the watering duration "ON TIME" can run in hours, minutes or seconds, and the unit also has an "OFF TIME" or delay between watering cycles which runs in hours or minutes (1 minute is the minimum delay or "OFF TIME").

For maximum control this unit has an automatic "START TIME" setting for when the watering system needs to come on, and a "STOP TIME" for when the watering system needs to finish.

Example: Watering a Greenhouse for germinating seedlings, the "ON TIME" is set to run for 10 seconds with the "OFF TIME" set for 5 minutes.

The automatic "START TIME" is set to come on at 6:00am and the "STOP TIME" is set for 6:00pm.

The watering system will commence at 6:00am running for 10 seconds, with a 5 minute delay between watering cycles. At 5:00pm the watering system will stop.

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Setting - Time & Day

If no changes are implemented, the tap timer 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.

If you want the to revert to the main screen while the programming simply push the "OFF" button.

Setting The Current Time & Day Of The Week

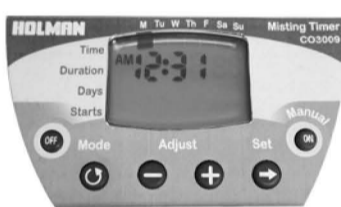
Setting The Clock - To enable the Misting Tap Timer to operate your irrigation system at the required times, the current time and day of the week must be set as shown below.

The default time is AM 12:00 Monday.

1. Press ➡. The hour digits blink. Set the current hour with the aid of ⊕ and ⊖.

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Setting - Time & Day



2. Press ➡ and the minute digits will blink. Set the current minutes with the aid of ⊕ and ⊖.

Setting The Day Of The Week

1. Press ➡ until a blinking square appears at the top of the display.
2. Set the square on the current day of the week by pressing ⊕ or ⊖.

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Setting - Watering Duration (ON TIME & OFF TIME)

This unit runs in hours, minutes & seconds (ON TIME) and a delay (OFF TIME) in hours & minutes (1 min is the minimum delay time).

Press ⌚ and the display shows "ON TIME" and hours "0" flashing. Adjust with ⊖ or ⊕. Press ➡ to move to "MINS" or "SECS" and adjust.

Press ⌚ and the display shows "OFF TIME" and has "0" flashing. Adjust with ⊖ or ⊕ and press ➡ to move to "MINS".

IMPORTANT NOTE: The minimum ON TIME is 10 seconds.



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Setting - Watering Days

Programming Watering Days

1. Press ⌚ and ☐ will appear opposite the word "Days".
2. Press ➡ and the ☐ under Monday will blink.
3. Press ⊕ to leave Monday active or ⊖ to delete.
4. Move through the 7 days and use ⊕ or ⊖ to leave days active or delete.



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Setting - Start & Stop Time

Programming Watering Start & Stop Time

1. Press ⌚ until "OFF START TIME" appears on the display.
2. Press ⊕ or ⊖ to set the hour.
3. Move across with ➡ to adjust the minutes.
4. Press ⌚ to move to "STOP TIME" to adjust as required.
5. Press "OFF" to return to the clock.



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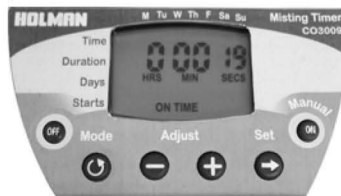
Manual Operation

Operating The Misting Tap Timer Manually

The tap timer will close automatically at the end of the irrigation period.

Note: The original programmed irrigation schedule will continue to function at the set times.

Operation: Press "ON" and the display will show the "ON TIME". Adjust with ⊕ or ⊖.



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Suspending Operation

How To Suspend The Tap Timer Operation

This option is used to temporarily suspend the Misting Tap Timer operation, for example, while it is raining. The irrigation operation schedule remains in the tap timer memory until the suspension is cancelled.

Suspension: Press "OFF" for 3 seconds until the word "OFF" appears.

Cancel Suspension: Press "OFF" for 3 consecutive seconds to give control of the irrigation system back to the tap timer. The word "OFF" will disappear.

During suspension, the "Manual ON" button will function.

HOW TO STOP WATERING

Stop Watering: Press "OFF" to stop 'manual' or 'automatic watering'. (This will not cancel your programming)

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Low Battery Warning

A blank battery icon (☐) appears on the display when the batteries are low. At this point, the battery still contains a limited amount of energy to show the display only. At this point the battery should be replaced promptly. Programming data will be retained for 30 seconds while changing the battery.

Maintenance

Remove batteries if the controller will not be used for a prolonged period of time. The tap timer contains an internal filter, which has to be removed and cleaned every few months. If the filter is not cleaned on a regular basis - it could create problems.

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Important Tip For Installation

Misting Tap Timer - Quick Connect Circlip

The timer features a quick connect & release mechanism. This mechanism has been designed to help by firstly allowing you to disconnect the unit from the inlet adaptor without the need to unscrew the adaptor from the tap. Secondly the connect & release mechanism is designed to properly secure the unit to the inlet adaptor, and when installed correctly will prevent it from falling away from the tap under water pressure.

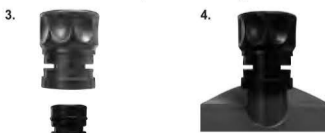
On removing the Tap Timer from the packaging it is recommended that you test to make sure that the connect & release mechanism is firmly attached. You can do this by pulling on the inlet adaptor. If it is not securely fastened and pulls away from the unit, please follow these instructions:



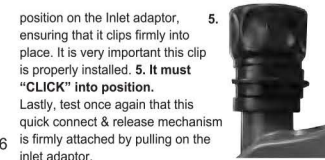
1. Pull the Circlip from the Inlet Adaptor, so they are separated as shown above in image 2.

Important Tip For Installation

Next take the Inlet adaptor and push it down over the Tap Timer inlet neck 3. (pushing it over the O ring tightly) so the indented marks match up as shown in image 4. below.



Lastly, take the Circlip that was removed from the Inlet Adaptor in stage 1. and replace it into



position on the Inlet adaptor, ensuring that it clips firmly into place. It is very important this clip is properly installed. 5. It must "CLICK" into position. Lastly, test once again that this quick connect & release mechanism is firmly attached by pulling on the inlet adaptor.

Important Tip For Installation

To remove the timer simply remove the clip and the timer releases from the tap nut. To replace please follow the instructions above.

Failure to install the Misting Tap Timer on the tap using the correct method as described above could cause it to fall from the tap, damaging the product casing or internal electronics.



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Warranty

Warranty: We will honour all statutory guarantees that this product is of acceptable quality. (including that it is fit for purpose)

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