

# YARDWORKS®

## 1-Zone Digital Water Timer

model number 159-1002-4 | contact us 1.866.523.5218



**IMPORTANT:**  
Read and follow all safety rules and operating instructions before using this product.

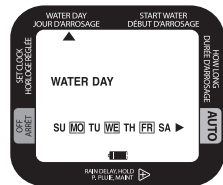
Instruction  
Manual

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### WATER DAY

- Check to be sure that the arrow on the screen is pointing to **WATER DAY**. With this setting, you can select specific days to water or an interval period of the day when watering will occur.
- Use the and buttons to select the day-of-the-week you wish to water. Press the button when the desired day-of-the-week is highlighted on the screen. You can select as many days as you like. The days selected will have a square around them.
- To water at preset intervals, press the button on the button pad to navigate past the days of the week. Press the and buttons to set the time period (**EVERY 1 DAY** through **EVERY 7 DAY(s)** ).
- Press the button to move to **START WATER**.



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STOP

For problems or questions, **DO NOT RETURN TO STORE**. Please contact one of our Customer Service Agents who would be happy to assist you.

For Customer Assistance Please Call:

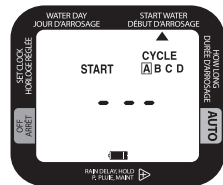


CANADA: 1.866.523.5218

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### START WATER

- You can select up to four independent start times (**CYCLE A, B, C, D**). With the arrow pointing to **START WATER** on your screen, **CYCLE A** should be highlighted, use the and buttons to select the first watering time.
- If you want to set another **START WATER** time, press to move to **CYCLE B**. Repeat the process above to set the next **START WATER** time. You may select up to four **START WATER** times.
- When you have set all desired **START WATER** times, press the button to move to **HOW LONG**.

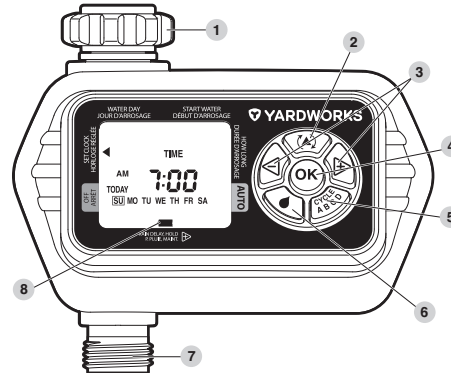


NOTE: Hold the and buttons to advance settings more quickly.

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- Faucet Connection Nut
- Cursor Button
- +/- Buttons
- OK Button
- Cycle Button
- Manual Watering Button
- Zone 1 Outlet
- Battery Indicator

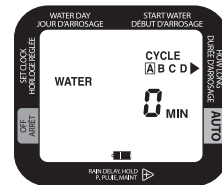
Know Your Timer



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### HOW LONG

- With the arrow pointing to **HOW LONG**, use the and buttons to select the length of each watering cycle. After setting **HOW LONG** you want to water during a selected cycle, press to move to the next cycle. Repeat until **HOW LONG** has been set for each cycle.
- HOW LONG** can be set for up to 360 minutes (6 hours) for each watering cycle.



NOTE: You can only select Watering Cycles if you have set a start time in **Step 6**.

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### BATTERIES

- Remove the battery holder from the back of the **Timer Control Unit**. Insert four AA alkaline batteries (do not use rechargeable batteries) as indicated on the battery holder. Replace the battery holder, making sure that it is firmly and securely placed in the **Timer Control Unit**.

### INSTALLATION OF THE TIMER

- You may choose to program your timer before or after attaching it to the faucet.
- Attach the timer to an outside faucet and slowly turn on the water. The water must be left on while the timer is attached to the faucet for your timer to operate.



NOTE: Do not use your timer when the air temperature is below 40°F (4.5°C). When storing your timer, be sure it is in a dry place and protected from frost.



NOTE: We recommend replacing batteries when the indicator reaches .

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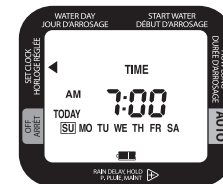
### AUTO MODE

- Your timer is now ready to go. In **AUTO** Mode, your timer will run the watering program you have entered.
- The screen display will alternate between showing the current time and the next watering cycle of each zone.
- If not already attached (see **Page 3**), attach the timer to an outside faucet and slowly turn on the water (the water must be left on while the timer is attached to the faucet for your timer to operate).

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### SET CURRENT TIME AND DAY

- The Water Timer default setting is a **12-hour** mode (AM/PM). To ensure correct timing, look for either **AM** or **PM** to the left of the time. To switch between **12-hour** (AM/PM) and **24-hour** (military time), hold the button for 5 seconds. **12-hour** mode shows AM or PM while **24-hour** mode does not. **Note:** Changing time mode will erase all programs.
- Before setting your watering times, you must first set the current time and day of the week. When the batteries are first installed, the arrow in the screen will point to **CLOCK**. If it is not in that position, press the button until the arrow is pointing to **CLOCK**.
- On your screen, a flashing box will appear around the **SU (Sunday)**. Simply set the timer to the current day by pressing the and buttons on the touchpad until the square is on the correct day. Once the correct day is indicated, press the .
- To set the time, press the and buttons until the correct time appears on the screen, and then press .
- Press the button (at the top of the touch pad) to move to **WATER DAY**.



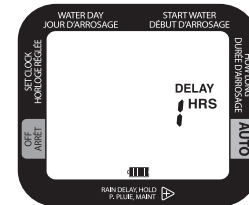
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Additional Settings



### RAIN DELAY

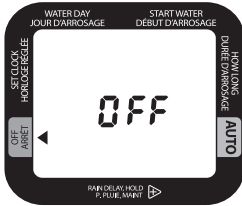
- If there is rain in the forecast, you can temporarily suspend your watering program on both zones for up to 7 days using the **Rain Delay** feature. After the selected delay has ended, your watering program will automatically resume.
- To set the Rain Delay, check to make sure the arrow on the screen is pointing to **AUTO**.
- Hold the button until the word **DELAY** appears. Now press the button to set the duration of the delay. You can reduce or deactivate the delay period with the button.
- Once the delay time is selected, press the button and wait for the number to stop flashing.
- All other functions, including **MANUAL WATERING** and **OFF** are on hold during **RAIN DELAY**. To cancel **RAIN DELAY**, press the button until **DELAY** is set to "0".





NOTE: In the **RAIN DELAY** mode, the screen will alternate between the current time and the remaining delay time.

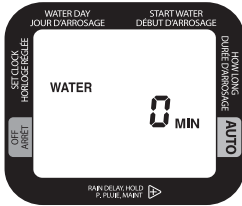
OFF MODE

- To stop watering indefinitely, press the  button until the arrow on the screen points to **OFF**. The timer will not water while in this mode. The screen will display the word **OFF**.
- To start watering automatically again, press the  button until the arrow on the screen points to the **AUTO**. The program will begin watering at the next previously scheduled **START WATER** time.





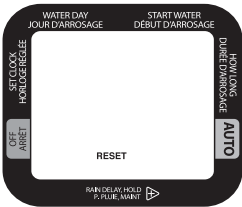
MANUAL WATERING


- To use a hose or other watering tool, simply press the  button.
- Using the  button, select the length of time you wish to water. After a few seconds, the valve will open, and then automatically close when the selected time is reached.



TIMER RESET

- To completely erase all settings in the timer and return to the original factory settings, press and hold the  button for 7 seconds. The screen will display RESET.
- You will need to press and hold the  button a second time to change the clock format.

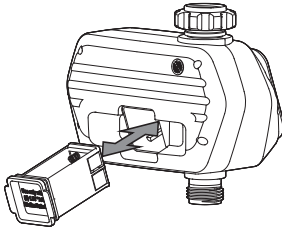



 **NOTE:** All programming will be lost when the timer is **RESET**. After **RESET**, you may need to change the time setting between **12-hour** (AM/PM) and **24-hour** (military time). See **Page 5** for further instructions.

OPEN VALVE DURING INSTALLATION

Shaking during transportation can cause a valve to be open. If this occurs, water may run continuously through the valve during installation.

- Turn the water off.
- Remove the batteries. Wait for the screen to go blank. Reinsert the batteries.
- Turn the water back on.
- If the problem persists, turn off the water. Use the **MANUAL** feature to open and close the valve 3 times.



 **NOTE:** Removing the batteries will not erase any existing watering schedules.


Useful Tips

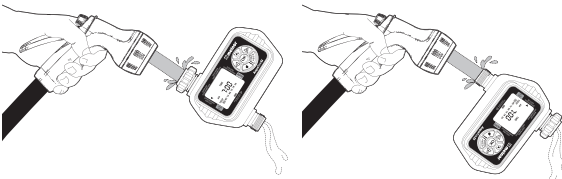
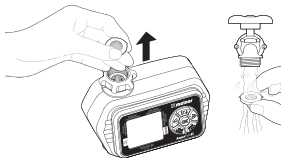
PLANNING TABLE

ZONE 1	CYCLE A	CYCLE B	CYCLE C	CYCLE D
Start Water (Time)				
How Long (Minutes)				

CLEANING YOUR TIMER

You should clean your timer periodically. Debris or sediments commonly found in water can build up in your timer.

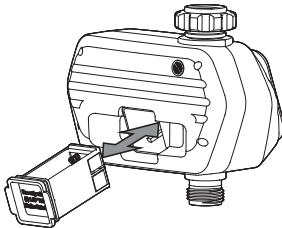
- Turn off the water. Remove the timer from the faucet and check that the filter washer is clear.
- If you notice any debris, remove the filter washer and clean it out with water.
- Activate the **MANUAL** mode by pressing the  button. Open the valve and spray water through the valve and the faucet connection to flush out any built-up sediments or debris.



SEASONAL STORAGE

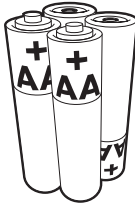
Freezing temperatures can cause water in the timer to freeze and expand, damaging the timer.

- At the end of the season or when there is frost in the forecast, turn off the water and remove your timer from the faucet.
- Remove the batteries.
- Be sure to store the timer indoors, away from freezing temperatures.



TIPS FOR BATTERY LIFE

- Make sure to use fresh alkaline batteries.
- Do not use rechargeable batteries.
- Remove the batteries at the end of the season before storing.
- Batteries should last about one season. A schedule with more frequent watering times can cause the batteries to drain faster.




FIVE-YEAR LIMITED WARRANTY

For FIVE (5) years from the date of purchase within Canada, YARDWORKS CANADA will, at its option, repair or replace for the original purchaser, free of charge, any part or parts found to be defective in material or workmanship.

MADE IN TAIWAN  
IMPORTED BY  
YARDWORKS TORONTO, CANADA M4S 2B8



 **WARNING:** Intended for outdoor use only. Severe electrical shock could result if water is sprayed into outlets or sources of electrical current. Do not use water more than 115°F (46°C). Do not use when the ambient air temperature is less 40°F (4.5°C). When not in use, remove batteries, drain and store indoors away from freezing temperatures.