



# CHAPIN 41003 Dual Zone Water Timer with Digital Display Instruction Manual

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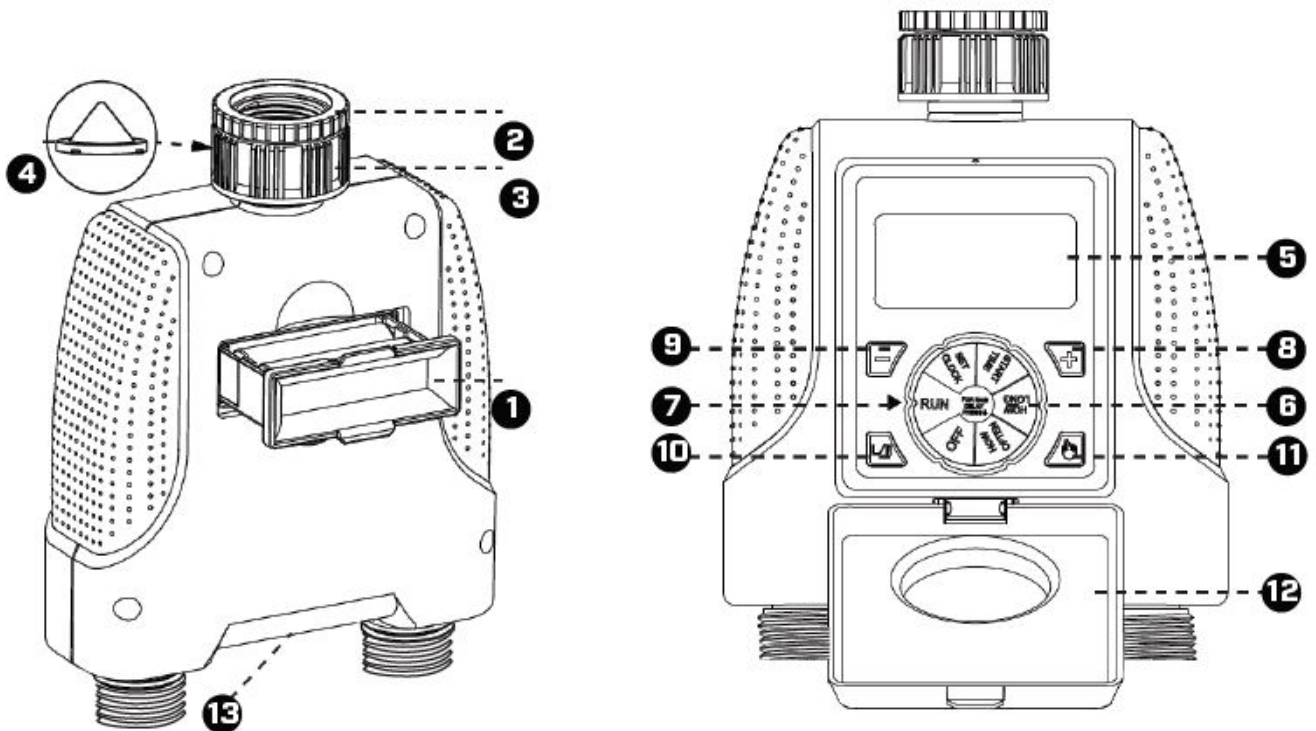
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## CHAPIN 41003 Dual Zone Water Timer with Digital Display



### Overview



1. Battery compartment
2. 3/4" adaptor
3. 1" Connection
4. Filter

5. LCD display
6. Dial
7. Dial position indicator
8. + Button
9. – Button
10. L/R Button
11. Manual ON/OFF Button
12. Cover
13. Sensor Connection Socket

## **INSTALLATION**

### **REFERENCE THE NUMBERED COMPONENTS WHEN READING INSTRUCTIONS**

#### **BATTERY COMPARTMENT**

1. Slide-out the battery compartment 1 and insert 2 (LR6/AA) 1.5V alkaline batteries. (not included)

#### **CAUTION:**

Use only fresh alkaline batteries at the beginning of the season. Do not use rechargeable batteries. When batteries are inserted, LCD display will show clock time. If not, check if the batteries are installed correctly. Turn Dial to OFF position before connecting it to the tap/spigot.

#### **CONNECTING YOUR TIMER TO THE SPIGOT**

1. To connect your timer to the spigot use 3/4" adaptor 2 or the 1" connector 3 .
2. For 3/4" taps: install the timer onto the spigot with the 3/4" adaptor 2 included.
3. For 1" taps: remove the 3/4" adaptor and attach the 1" connection 3 to the spigot directly. Note: always keep the filter 4 in place.

**CAUTION:** To avoid damage to the timer, tighten all connections by hand.

#### **FILTER**

The filter traps dirt particles and prolongs the life of timer.

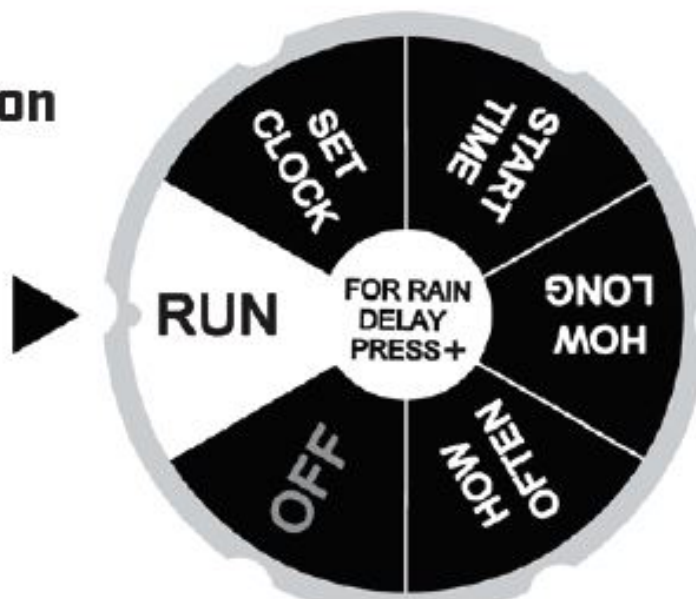
**CAUTION:** Clean filter regularly and replace if worn.

#### **LCD DISPLAY WARNING**

When LCD display 5 shows a quick flash-ing "Low Battery" sign, remove the battery compartment 1 and wait for 60 seconds until screen clears before re-insert the new batteries.



**Dial**  
**Dial position**  
**indicator**



Dial Position	Description
<b>RUN</b>	Settings confirmed and saved, timer run according to settings
<b>SET CLOCK</b>	Set clock time (0:00-23:59)
<b>START TIME</b>	Set when to start watering (0:00-23:59)
<b>HOW LONG</b>	Set watering duration (0-360 minutes)
<b>HOW OFTEN</b>	Set watering frequency (1,2,4,12 hours or 1-7 days)
<b>OFF</b>	Turn timer off

## 8 + BUTTON & 9 – BUTTON

During settings, the number will change quickly if press and hold the + Button or – Button

## 10 L/R BUTTON

When dial 6 is set at START TIME/HOW LONG/HOW OFTEN position or when set the manual watering 11 , press L/R button 10 to choose Left or Right valve.

## **MANUAL ON/OFF BUTTON**

When dial 6 is set in the RUN position, press the manual on/off button 11 to set manual watering from 0-240 minutes.

## **COVER 12**

Keep cover closed to protect timer from dust and dirt.

## **SENSOR CONNECTION SOCKET 13**

The socket is for rain sensor or moisture sensor connection, to skip watering during rainy days or when soil is too wet. (Sensor sold separately)



## **MALE SNAP-ON CONNECTOR**

Connect hose attachment to the male snap-on connector 14 at the bottom of the timer.

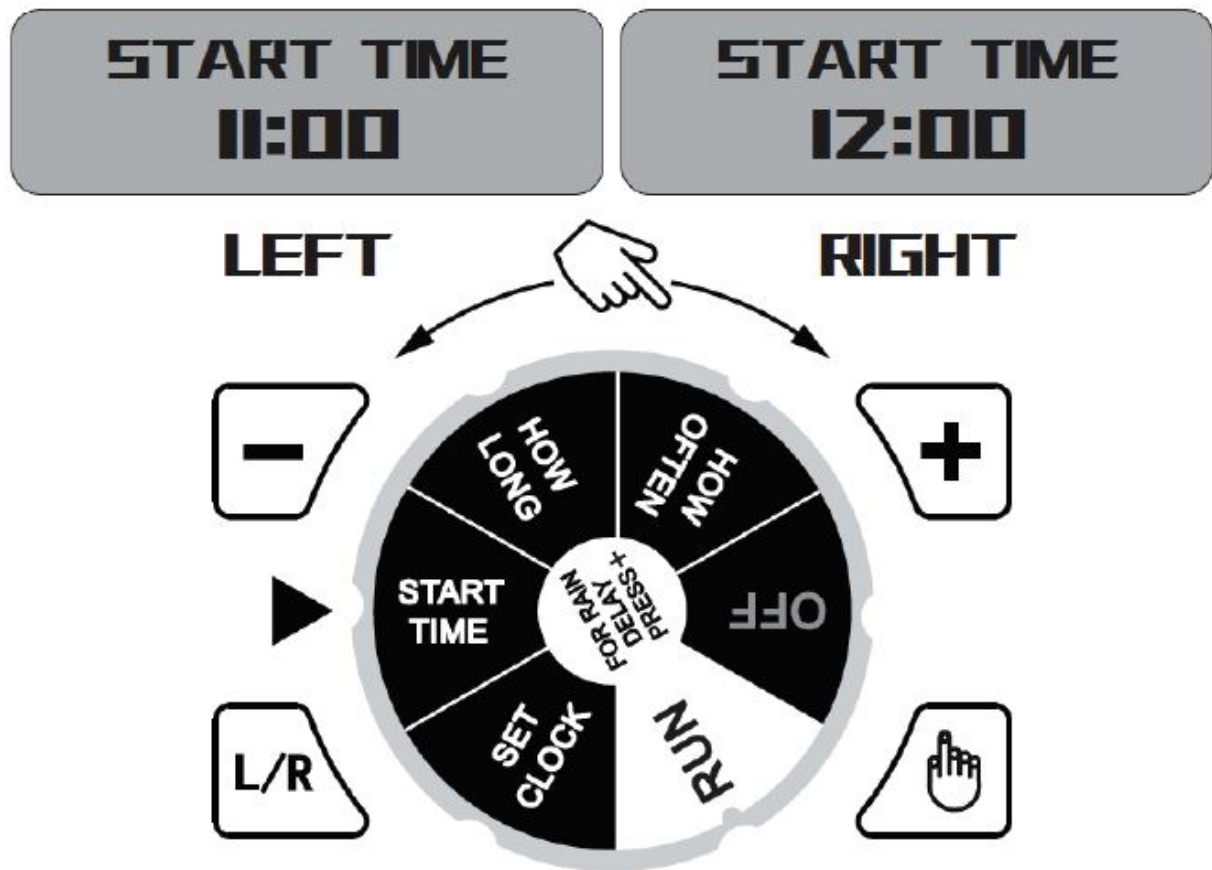
## **PROGRAMMING THE TIMER**

### **SET CLOCK**

Turn dial 6 to SET CLOCK position, press + Button 8 or – Button 9 to advance or reverse clock time (hold button for quick advance or reverse).

### **START TIME**

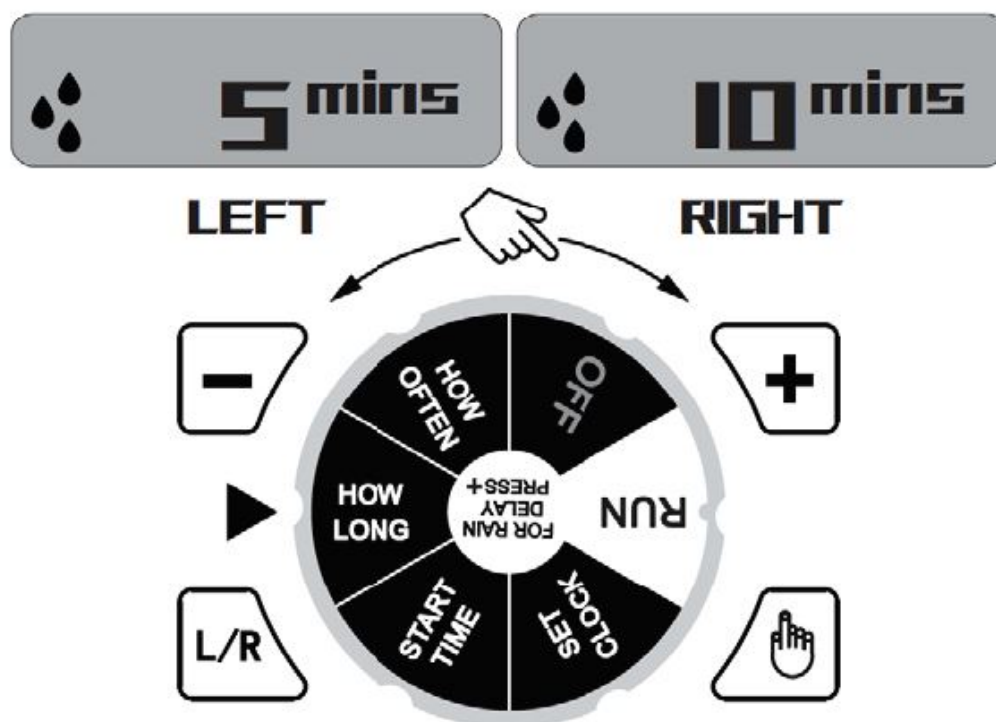
1. Turn dial 6 to START TIME position, press + Button 8 or – Button 9 to advance or reverse start time (hold button for quick advance or reverse).
2. Press L/R button 10 to choose Left or Right valve.



**Note:** Start time is set in this situation

#### HOW LONG

1. Turn dial 6 to **HOW LONG** position, press + Button 8 or – Button 9 to advance or reverse run time (hold button for quick advance or reverse).(0-360 minutes)
2. Press L/R button 10 to choose Left or Right valve.



## HOW OFTEN

1. Turn dial 6 to HOW OFTEN position, press + Button 8 or – Button 9 to advance or reverse watering frequency (hold button for quick advance or reverse). (1,2,4,12 hours or 1-7 days)
2. Press L/R button 10 to choose Left or Right valve.



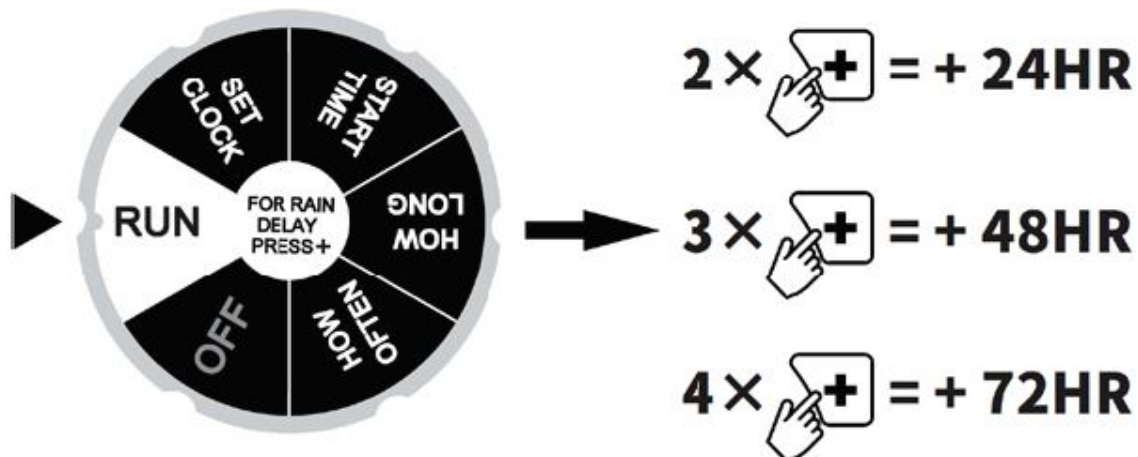
### NOTE:

HOW OFTEN SHOULD ALWAYS BE LONGER THAN HOW LONG (Example: How Often = 1 Hrs, How Long = 90 Mins, is NOT a valid setting.)

## RUN

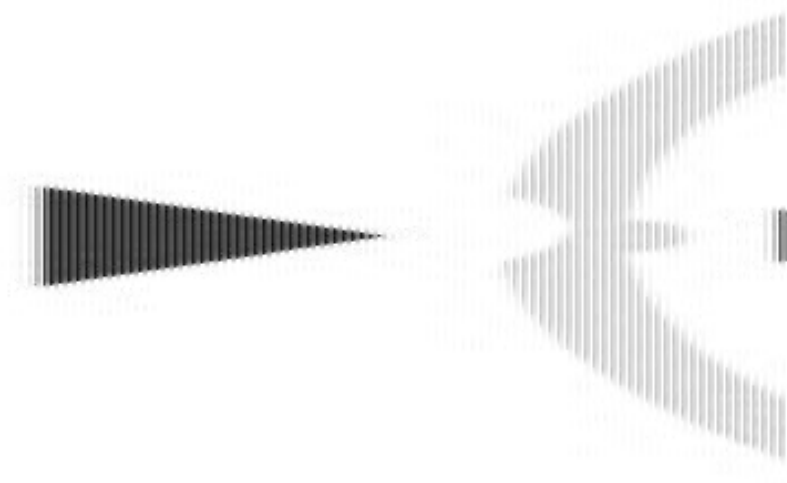
1. Turn dial 6 to RUN position, to save settings. Timer waters according to programmed time, frequency, and run time.
2. The screen will flash between clock time and watering time.

**Tip:** Takedown notes of the settings for records or reference.



## RAIN DELAY

1. When dial 6 at the RUN position and the program is saved, press the + button to delay for 0, 24, 48 or 72 hours.
2. The screen will flash between clock time and the hours remaining before the program resumes.
3. To remove rain delay, turn dial 6 to and then back to RUN.



## MANUAL WATERING

Manual watering is for one time instant watering without interrupting the set program.

1. Press the manual on/off button and then press the + Button 8 or – Button 9 to set from 0 to 240 minutes.
2. Press L/R button 10 to choose the Left or Right valve
3. Manual watering will start within 5 seconds if no more change
4. The screen will flash between clock time and the minutes remaining before the program resumes.
5. To remove manual watering, turn dial 6 to OFF or simply press again the manual on/off button.
6. To resume set program, turn the dial 6 back to RUN.

## CARING FOR YOUR TIMER


This timer is only designed for outdoor use to control sprinklers or irrigation systems for watering, and CAN NOT be used for industrial purposes which in contact with food, chemicals and pesticides. Operating water pressure is from 7 psi to 116 psi. DO NOT connect directly to the water tank which has lower pressure than 7 psi. Use clean and fresh water only with temperatures above 34° F and below 140° F. Protect timer during winter season or freezing conditions. Remove from the tap and drain water inside, remove the battery and keep indoors. Your timer is water-resistant, NOT waterproof. The timer must be installed above ground and vertically to the tap. DO NOT submerge it in water. to avoid damage to the timer, DO NOT pull the hose while attached to the timer. If the timer does not work, refer to instructions to confirm connections and intended use is appropriate. If timer continues to perform not as intended, contact Chapin Customer Service/Technical Support before returning to the store.



## CAUTION:

When connecting to a public water source, consult your local code. A backflow valve may be required. (Chapin backflow valves sold separately Models: 6-9089 or 6-9088). Do not operate with water sources above 116 PSI without installing a water pressure regulator in-line before your water timer. Excessive pressure may cause damage to your Water timer.

## Documents / Resources

	<p><a href="#">CHAPIN 41003 Dual Zone Water Timer with Digital Display</a> [pdf] Instruction Manual 41003, Dual Zone Water Timer with Digital Display</p>
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## References

- [TE Chapin International](#)