Important, please read!

Watering Timer

TOLERANCES ARE:
DIMENSIONS ARE IN " INCHES.
DIMENSIONS ARE IN [mm] UNLESS OTHERWISE SPECIFIED.
X.X = ±0.100

Mains/Callouts for meeting print production requirements.

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Folded artwork (12.0"6.0"
W: 3.0"
H: 1.5"
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Any changes must be noted on this form.

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DATE: 05/19/2015
ARTWORK №: 96783-24 rB
SOFTWARE: Adobe Indesign CS6

1. Attach manifold to an outdoor hose faucet.
2. Remove the plug and connect the wire from a valve to one of the numbered ports on the back of the timer. The valve must be electronically operated and must be attached to the timer for proper operation. Open fully each of the shut-offs with a valve attached.
3. Using the +/- buttons, set your first start time, including the days of the week that the timer will water and the time of day. Timer advances faster if button is held down. The start time is the time of day that the timer will begin to water. This timer features four start times.

To begin, the start-up sequence is complete, create your timer program.

1. Turn dial to START TIME.
2. Press the ARROW button to toggle to current day of the week, A, B, or C.
3. Using +/- buttons, set your first start time, including AM and PM. Timer advances faster if button is held down. Note: Memory replaces the battery tray to ensure water timer programming is complete. DIAL—Turn off all watering when programming your timer. Attach up to 4 valves.

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- Reset—Choose how often you will water
- Auto—Timer waters according to your customized schedule
- Manual—Press to water manually
- Manual/Clear—Press to reset back to factory settings

5. Please ensure that the valves are attached to the timer before causing them to water. After the installation is complete, start the timer and immediately begin a start-up sequence noted on the screen by a circling icon. When the timer programming is complete you may begin programming the timer for daily or rain delay.

1. Turn dial to SET CLOCK.
2. Use the +/- buttons to set the time of day, including AM and PM. Timer advances faster if button is held down. Press the ARROW button to toggle to current day.

6. Press the ARROW button to toggle to the current day of the week, A, B, or C. Turn dial to save changes.
7. Turn on the hose faucet and store indoors to avoid potential freeze damage.

If the timer is not in use for a short period of time, use the manual/clear button to reset the timer to the factory default settings.

Installation and Programming Instructions

Installing the Batteries

1. 2. 3. 4.

1. Attach manifold to an outdoor hose faucet.
2. Insert two AA (1.5V) alkaline batteries (not included) and pull the tray out. (Remove the tray on the side of the timer by sliding or pulling it out.)
3. Remove the plug and connect the wire from a valve to one of the numbered ports on the back of the timer. The valve must be electronically operated and must be attached to the timer for proper operation. Open fully each of the shut-offs with a valve attached.
4. While the plug is connected, set the time from 00:00 to 23:59. Release the plug and connect the wire from a valve to one of the numbered ports on the back of the timer. The valve must be electronically operated and must be attached to the timer for proper operation. Open fully each of the shut-offs with a valve attached.
5. Turn dial to save changes.

Note: One should ensure that the valves are properly wired before applying power to the timer. The timer advances faster if button is held down.

Starting the timer

- DUAL DIMENSIONS ARE IN " INCHES.
- DIMENSIONS ARE IN [mm] UNLESS OTHERWISE SPECIFIED.
- X.X = ±0.100

1. Turn dial to START TIME.
2. Press the ARROW button to toggle to current day of the week, A, B, or C. Turn dial to save changes.
3. Using the +/- buttons, set your first start time, including AM and PM. Timer advances faster if button is held down. Press the ARROW button to toggle to current day.

6. Once the start-up sequence is complete; create your timer program.
7. Turn dial to AUTO.
8. Slide timer onto a shelf ensuring bracket, buttons and ports are all facing forward.

CONNECTION
HOSE TAP
BATTERY TRAY DIAL
Expandable
Important, please read!

Filter traps dirt particles, prolonging the life of timer. Clean filter regularly and replace if necessary.

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How to set up your timer:

1. Turn dial to HOW OFTEN.
2. Press the + button to move through and select a station. The stations range from 1 through 4. Each station is programmed to water at a specific time, duration, and frequency.

3. Press + or – button to move the cursor down to select Days of the Week or Interval.
4. Repeat steps 2 and 4 to program watering frequency for additional start times.
5. Turn the timer dial to OFF. Once the timer is OFF the timer will begin a start-up sequence noted on the screen by a short beep. The start-up sequence is complete when the timer returns to the start-up menu.
6. Once the start-up sequence is complete you may begin programming the new valve(s).
7. When programming is complete turn the dial to AUTO to allow your timer to water according to programmed time, station, duration, and frequency.
8. Slide timer onto a valve mounting bracket.
9. Turn on hose faucet.

How to manual water:

1. With the dial on AUTO, press the MANUAL button. To manual water specific stations or durations:
   • ALL will be displayed and the timer will water all stations as programmed.
   • With the dial on AUTO, press the MANUAL button. To manual water all stations as programmed:
   • Press the STATION button to select desired station.
   • Press the ARROW button to move past the “ALL” selection.
   • With the dial on AUTO, press the MANUAL button.

Additional Features:

• Press the + / - buttons to toggle the day of the week on/off.
• Using the ARROW button move to the desired day.
• Press the + / - buttons to cycle through each interval. You may choose to interval water every 12 hours or 1 to 7 days.
• Press the STATION button to move through and select a station; 1-4. Only stations with connected valves are programmed or selected stations.
• Press the + / - buttons to move the cursor down to select Days of the Week or Interval watering frequency.

Troubleshooting:

1. With the dial on AUTO, press the + button to select a delay time. To access the rain delay, follow the steps below.
2. Screen will flash between clock and time remaining before automatic programming resumes. The timer does not water.
3. Turn the dial back to AUTO to resume your programmed watering schedule.
4. Turn the dial to MAN to manual water specific stations or durations.
5. Turn the dial back to AUTO to resume your programmed watering schedule.

Additional Features:

• Press the + / - buttons to move through and select a station. The stations range from 1 through 4. Each station is programmed to water at a specific time, duration, and frequency.

3. Turn dial to AUTO.
4. Turn on hose faucet.

Note: To remove a watering duration press CLEAR.

Warnings:

• Minimum: Keep from freezing
• Maximum: Do not exceed 49°C
• Working temperature: 68 kPa • Maximum: 689 kPa
• Working water pressure:

To manual water all stations as programmed:

1. Turn dial to AUTO. Press the + button to select desired stations as programmed.
2. Turn on hose faucet.
3. Slide timer onto a valve mounting bracket.
4. Press the + / - buttons to cycle through each interval. You may choose to interval water every 12 hours or 1 to 7 days.
5. When programming is complete turn the dial to AUTO.
6. Press the STATION button to select desired station.
7. Press the ARROW button to move past the “ALL” selection.
8. With the dial on AUTO, press the MANUAL button.

Working water pressure: 68 kPa

Working temperature:
• Maximum: Do not exceed 85°C
• Minimum: Keep from freezing

Water pressure:
• Valve was just added without start-up sequence.
• HOW OFTEN is set to desired interval hour or day.
• HOW LONG is set to desired time.
• Check if:
  • Rain Delay is on.
  • Clock is set to correct time, including AM and PM.
  • hose faucet is on.
  • Timer is set to AUTO.
  • Manifold shut-offs are fully open where valves are attached.

Add or Replace Valves:

1. Turn dial to HOW OFTEN.
2. Press the + button to move through and select a station. The stations range from 1 through 4. Each station is programmed to water at a specific time, duration, and frequency.
3. Press the STATION button to move through and select a station.
4. Press the + / - buttons to toggle the day of the week on/off.
5. Using the ARROW button move to the desired day.

Manual/Hand Watering:

1. With the dial on AUTO, press the MANUAL button.
2. To manual water all stations as programmed:
   • ALL will be displayed and the timer will water all stations as programmed.
   • With the dial on AUTO, press the MANUAL button.

To access the rain delay, follow the steps below.

1. With the dial on AUTO, press the + button to select a delay time.
2. Screen will flash between clock and time remaining before automatic programming resumes.
3. Turn the dial back to AUTO to resume your programmed watering schedule.
4. Turn the dial to MAN to manual water specific stations or durations.
5. Turn on hose faucet.

Note: To remove a watering duration press CLEAR.

Additional Features:

• Press the + / - buttons to cycle through each interval. You may choose to interval water every 12 hours or 1 to 7 days.
• Press the STATION button to move through and select a station; 1-4. Only stations with connected valves are programmed or selected stations.
• Press the + / - buttons to move the cursor down to select Days of the Week or Interval watering frequency.

Troubleshooting:

1. With the dial on AUTO, press the + button to select a delay time. To access the rain delay, follow the steps below.
2. Screen will flash between clock and time remaining before automatic programming resumes.
3. Turn the dial back to AUTO to resume your programmed watering schedule.

Additional Features:

• Press the + / - buttons to cycle through each interval. You may choose to interval water every 12 hours or 1 to 7 days.
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