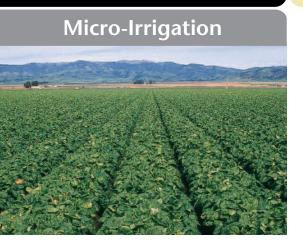


# **MC-E Series**



## **Application:**

The MC-E Series of irrigation controllers have advanced features designed for valve and pump control applications in agriculture. The MC-E Series controllers have a looping feature to reliably control misting, cooling and fogging in greenhouse and nursery applications. New flow monitoring and diagnostic features detect unscheduled flow events and alarms users.

# 4, 6, 8, 12, 18, 24, 30, 36, 42, 48 station outdoor models

#### **Features:**

- Flexible scheduling will enable expert watering of any crop.
- 8 Independent programs with up to 8 start times per program per day. New!
- Flow monitoring with diagnostics and 3 types of flow alarms- high flow, low flow and unscheduled flow. New!
- 4 stations to 48 stations.
- Long service life in demanding agricultural applications.
- The cabinet is durable, lockable and weather resistant.
- Watering times in hours, minutes, or seconds.
- Settable delays between stations.
- 2<sup>nd</sup> master valve/pump start option. New!
- Settable daily and monthly water budget for easy weather and crop stage adjustments.
- 5 year warranty.



# **MC-E Series**



#### **New Added Features**

- Looping on all 8 programs New!
- Backlit, 2-line 32 character LCD display
- Selectable irrigation off days (up to 10) for events such as harvest, spraying or holidays
- Terminals for flow sensor, stop sensor (rain switch), start program sensor activated by temperature or other sensing device New!
- Program overlap or start time "stacking"
- Internal power supply to hold time/date up to 48 hours (no battery required)
- Password protection option for secure programming
- Master valve/pump start option available for each station

#### **Time Tested Features**

- 16 day programmable calendar
- Up to 11 starts per day
- Loops have adjustable start time, stop time and delays between loops
- Programmable Irrigation Off days
- Diagnostic circuit breaker
- "All-station-test" program
- Non volatile memory retains the program during power outage and surges
- Two stage surge protection
- Battery backup for 30 days
- Self diagnostic circuit breaker

#### The Toro Company Micro-Irrigation Business

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## www.toromicroirrigation.com

#### **Operation Specifications**

- Watering day cycles per program
  - Any days of the week
  - Odd or Even date watering
  - Day intervals from 1–60 days
- Station run times
  - 0-59 seconds in 1-second increments
  - 1 minute to 24 hours in 1-minute increments
- Global Water Budget & Monthly water budget
  - 0% to 255% in 1%-increments

### **Electrical Specifications**

• Transformer input: 120V ac, 60 Hz

• Transformer output: 24V ac, 2.08 amps

• Maximum output per station: 1.24 amp

• Maximum output to valves: 24VAC, 1.8 Amps

#### **Dimensions**

 4–12 station models
 18–48 station models

 Height: 9 ¾" (248mm)
 Height: 12" (305mm)

 Width: 10 ½" (267mm)
 Width: 14 ¼" (362mm)

 Depth: 4 ¼" (108mm)
 Depth: 4 ¾" (121mm)

