

TORO. Count on it.

TMC-212 Series

Controllers

Designed for flexibility, the Toro® TMC-212 is the ideal controller choice for residential applications. With station count modularity from 2 -12 stations and indoor or outdoor models, it's also one of the only controllers needed in a contractor's inventory. Exceptional programming flexibility includes three fully independent programs with four start times per program, pump and station delay features, as well as three scheduling choices with day exclusion. But that's not all. Add the many professional-grade features such as short detection for faster trouble-shooting, non-volatile memory, and compatibility with the TMR-1 Maintenance Remote, and the TMC-212 controller is also surprisingly cost-effective.



Features & Benefits

Station Count Modularity

For flexibility and reduced inventory—modular from 2 to 12 stations in 2-station increments.

Automatic Short Detection

For circuit protection and faster trouble-shooting.

Non-Volatile Memory

Requires no batteries and holds programming for up to five years.

Scheduling Flexibility

Three independent programs and four start times per program.

Pump Start Compatibility

Pump Delay and Well Recovery/Station Delay with Pump-enabled Option.



Rain
Sensor
Compatible



TMR-1
Compatible



PSS-KIT
Compatible



EPA WaterSense®
approved when used with
Irritrol® Climate Logic®

Specifications

Model	Description
• TMC-212-ID	4-station, Indoor
• TMC-212-OD	4-station, Outdoor

Station Modules - Base model includes 4 stations (2 modules)

Model	Description
• TSM-02	2-station Expansion Module

Dimensions

- Indoor: 8" W x 8 1/2" H x 2" D
- Outdoor: 13" W x 9 1/2" H x 3 1/2" D
- Weight:
 - Indoor – 3 lbs. 4 oz.
 - Outdoor – 5 lbs. 6 oz.

Electrical Specifications

- Electrical input power:
 - 120 VAC
 - 18 VA maximum (indoor models)
 - 20 VA maximum (outdoor models)
 - UL, CUL Listed
- Station output power:
 - 24 VAC
 - 0.50 amps per station maximum
 - 0.50 amps pump/master valve
 - 0.70 amps total load
- Surge Protection:
 - Standard – 6.0 KV common mode; 600 V normal mode

Operating Specifications

- Three programs, four start times per program
- Station run times from one minute to four hours
- Three Scheduling choices
 - Seven-day calendar
 - 1- to 7-day interval with day exclusion
 - Odd/even days with day exclusion
- Programmable well recovery/station delay from 1 to 60 seconds or 1 to 60 minutes
- Pump start delay from 1 to 60 seconds
- Master valve on/off by program
- Automatic split cycle when season adjust is greater than 100%
- Program stacking
- Rain delay from one to seven days
- Hot-swappable station modules
- Compatible with normally open or normally closed rain sensors
- Operation of two solenoids per station (up to 0.50 amps per station max)
- Indoor and key-lock outdoor models

Optional Accessories

- PSS-KIT - Precision™ Soil Sensor Kit
- TRS - Wired RainSensor™
- 53853 - Wired Rain/Freeze Sensor
- TWRS/TWRFS - Wireless RainSensor or Wireless Rain/Freeze Sensor
- TMR-1 - Maintenance Remote
- CL-100-WIRELESS - Irritrol® Climate Logic®

Warranty

- Three years

Advanced Features



Pump Start Delay provides settable time delay between activation of MV/PS and first valve to allow for main pressurization. Well Recovery/Station Delay provides settable time delay between stations to allow for slow-closing valves or well refill with selectable MV/PS Energized during delay.

Two-station Modules

Two-station modules provide station count flexibility and cost-effectiveness.



TSM-02
Standard

Water Management Highlight

Auto-split on Season Adjust > 100%: With the effects of irrigation runoff a concern in many parts of the country, the TMC-212 is designed to help minimize the potential for runoff. When Season Adjust is set > 100%, the TMC-212 will automatically split station runtimes in half and run two cycles of the program to minimize the effects of extended runtimes and allow for absorption.



Specifying Information

TMC-212-XXX	
Model	Cabinet Type
TMC-212	XXX
TMC-212—Toro Controller	ID—Indoor OD—Outdoor

Specifying Information

TSM-XXX	
Model	Module Description
TSM	XX
TSM—Toro Station Module	02—2-station Expansion Module
Example: A 6-station indoor TMC-212 Controller, would be specified as: TMC-212-ID and TSM-02	

Note: Base model includes four stations (two modules)

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Specifications subject to change without notice. For more information, contact your local Toro distributor. P/N 13-1011-IRC
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