

TORQ

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, indoor or outdoor models, and two levels of surge protection, 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 troubleshooting, 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.

High-Surge Options

Guard against lightning damage and power surges (outdoor models only).

Automatic Short Detection

For circuit protection and faster troubleshooting.

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.



**TMR-1-
Compatible**





TMC-212 Series

Specifications

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

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

Model	Description
• TSM-02	2-station Expansion Module
• TSM-02-H*	2-station High Surge Expansion Module

* High Surge Protection provided only when used with TMC-212-ODH model controller

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
 - High Surge - 6.0 KV common mode; 3.5 KV 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

- TRS - Wired Rainsensor
- TWRS/TWRFS - Wireless Rain Sensor or Wireless Rain/Freeze Sensor
- TMR-1 - Maintenance Remote

Warranty

- Three years on standard model, five years on high-surge model

High-Surge Protection



Outdoor, high-surge model is designed to meet lightning protection needs through an innovative module and grounding bracket combination.

Two-station Modules

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



Water Management Highlight

Wired RainSensor or Wireless Rain/Freeze sensors are available to halt irrigation when it rains, or temperature drops below a user-defined point. These beneficial water management tools allow up to 30% greater water savings.



Specifying Information

TMC-212-XXX	
Model	Cabinet Type
TMC-212	XXX
TMC-212—Toro Controller	ID—Indoor OD—Outdoor ODH—Outdoor, High-surge

Specifying Information

TSM-XXX	
Model	Module Description
TSM	XXX
TSM—Toro Station Module	02—2-station Expansion Module 02-H—High-surge, 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 09-1011-IRC
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