

CONTROLLERS

TORO - DDCWP Series Controllers

2 to 12-Stations - Electric

Features

- 2-, 4-, 6-, or 8- station models
- Three independent programs
- Three start times per program
- Unique power feature that verifies sufficient power to turn off valves before turning on
- Fully waterproof and submersible up to 6.5'
- Five-year program retention with on-board coin battery saves time of day and all programming features
- Two-year warranty



Product	Description	Pkg	Each
DDCWP-2-9V	2 station, 9V waterproof controller	1	
DDCWP-4-9V	4 station, 9V waterproof controller	1	
DDCWP-6-9V	6 station, 9V waterproof controller	1	
DDCWP-8-9V	8 station, 9V waterproof controller	1	

TORO - TMC-212 Series Controllers

2 to 12-Stations - Electric

Features

- Station-count modularity for flexibility and reduced inventory requirements (base model comes with four stations)
- Advanced, solid-state design with easy-to-use hybrid interface ensures programming ease.
- Three programming choices:
 - Seven-day calendar
 - Odd/even days with day exclusion
 - Seven-day interval with day exclusion
- Short detection for faster troubleshooting
- Station run times from one minute to four hours
- Program stacking for increased flexibility
- Rain sensor bypass switch
- Clear Memory feature resets defaults or clears values by program
- Three-year warranty on standard model, five-year warranty on high-surge model



These two-station modules allow the TMC-212 controller to grow.

Product	Description	Pkg	Each
TMC-212-ID	4-Station Controller (Indoor)	1	
TMC-212-OD	4-Station Controller (Outdoor)	1	
TMC-212-ODH	4-Station Controller (Outdoor high surge)	1	
TSM-02	2-Station Expansion Module	1	
TSM-02-H	High-surge, 2-station Expansion Module	1	
EZR-T	EZ-Remote Transmitter only	1	
EZR-R	EZ Remote Receiver only	1	
EZR-CA03	EZ-Remote 40" Cable Harness Kit*	1	
EZR-CA25	EZ-Remote 25' Cable Harness Kit*	1	
EZR-KIT	EZ-Remote Complete Kit**	1	

* Includes odular cable, receiver plug assembly and mounting bracket
 ** Includes receiver, transmitter and 40" cable harness kit

Versatility and convenience are the hallmarks of this modular controller, which allows expansion from two to twelve stations in two-station increments.

TORO - TMC-424E Series Controllers

4 to 24-Stations - Electric

Features

- Station-count modularity for flexibility and reduced inventory requirements (base model comes with 4 stations)
- Four independent programs and 16 start times per program provide exceptional scheduling flexibility
- Can monitor up to two flow meters simultaneously for improved water conservation
- Non-volatile memory requires no batteries and results in fewer call-backs
- Three programming choices:
 - Seven-day calendar
 - Odd/even days with day exclusion
 - Seven-day interval with one to thirty-one days
- Short detection for faster troubleshooting
- Station run times from one minute to four hours
- Program stacking for increased flexibility
- Rain sensor bypass switch
- Clear Memory feature resets defaults or clears values by program
- Five-year warranty on controller



Product	Description	Pkg	Each
TMC-424-ID	Modular Controller (Indoor)	1	
TMC-424-OD	Modular Controller (Outdoor)	1	
TSM-4	4-Station Expansion Module	1	
TSM-4H	High-surge, 4-Station Expansion Module	1	
TSM-4F	4-Station Flow Module, Expansion Module	1	
TSM-8	8-Station Expansion Module	1	
TSM-8H	High-surge, 8-Station Expansion Module	1	
TSM-8-F	8-Station, Flow Module, Expansion Module	1	

WEATHERMATIC - SMARTLINE Series Controller

Features

- Indoor and outdoor rated
- Controllers have dial programming and the control panel is removable to allow "in the zone" programming
- Backlit LCD - no flashlight required in dark basements or garages
- Built-in valve locator - locate hidden valves by simply listening for audible chatter of the solenoid created by a unique electrical current
- Achieve hydraulic control with settings for zone to zone delays and master valve timing
- Complete a walk-thru in a fraction of the normal time by running a manual test set to as little as 10 seconds per zone
- Eliminate run-off by setting the maximum allowable run time and required soak time for each program
- On-Board Multi-Meter - displays the electrical current reading of each zone for quick troubleshooting and a proactive approach to maintenance

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Product	Description	Pkg	Each
SL1600	4-16 modular controller	1	
SL1624	16-24 modular controller	1	
SLM4	4 zone module	1	
SLM12	12 zone module	1	
SLW20	On-site weather monitor	1	



IRRITROL - KwikDialT Series Controller

4, 6, 9, and 12 Stations – Electric (outdoor/indoor)

Features

- Three independent programs allow differing water days, start times, station running times and station assignments
- Automatic, semi-automatic (manual program) and manual station(s) operation
- Flexible watering day schedules:
- Days-of-the-week watering
- Repeating-day-interval watering (every day, every 2nd day, every 3rd day etc., up to once every 31 days)
- Excluded-day option, when used with the odd/even day or day-interval option, allows selection of specific day(s) not to water
- Automatic leap year and 31st day skip with odd/even programming
- "Program stacking" feature stores programs for sequential operation (prevents program overlap)
- Programmable "Rain Off" up to seven days
- Large LCD displays status of programs scheduled to run each day
- Sensor hookup with sensor by-pass switch
- Multiple language capabilities (English, French, German, Italian and Spanish)
- Electrical surge protection (on both input and output lines) resists damage from lightning storms and power surges
- Water budgeting feature for each program (0-200% in 10% increments)
- Weather-resistant plastic case with internal transformer (outdoor model) and provision on door for a padlock
- Durable plastic case with plug-in transformer (indoor model)
- UL and CUL listed



Product	Description	Pkg	Each
KD4-INT	4 Station, Indoor	1	
KD4-EXT	4 Station, Outdoor	1	
KD6-INT	6 Station, Indoor	1	
KD6-EXT	6 Station, Outdoor	1	
KD9-INT	9 Station, Indoor	1	
KD9-EXT	9 Station, Outdoor	1	
KD12-INT	12 Station, Indoor	1	
KD12-EXT	12 Station, Outdoor	1	

KwikStartT Remote Control

- KSR-KIT-K KwikStart Remote control kit for Kwik Dial
- SR-1 P



K-RAIN - RPS616T Controller

6, 9, 12, & 16 Stations – Electric

Features

- 4 fully independent programs allowing up to 4 starts per program, maximum of 16 starts per day
- Accepts rain sensor signal directly, and allows individual station programming
- Seasonal adjustment which allows adjustment of watering durations from 25% to 150%
- Allows a full system check for valve operation and spray arc adjustment
- Battery back-up holds program during power outages
- Weatherproof enclosure ensures long product life

Product	Description	Pkg	Each
3406	K-Rain 6-Station Controller	1	
3409	K-Rain 9-Station Controller	1	
3412	K-Rain 12-Station Controller	1	
3416	K-Rain 16-Station Controller	1	

TORO - Custom Command Series Controllers

9, 12, 15, 18 and 24 Stations (Plastic) - Electric

12, 15, 18, 24, 36 and 48 Stations (Metal) - Electric

Features

- Flexible, easy programming, start time stacking within each program
- Four independent programs offer concurrent operation capability and 16 total start times
- Seven-day calendar, odd/even day or day interval options of 1-30 days
- Excluded day option, when used with the odd/even day option, allows for non-watering on specific day(s)
- 365-day clock/calendar with excluded day option
- Station run-times of 1 minute to 10 hours in 1 minute increments
- Season Adjust setting from 10-200% in 10% increments
- Rain delay setting from one to seven days prevents water waste
- Programmable Master Valve on/off per program
- Automatic, semi-automatic, manual and timed-manual operation
- Snap-out design allows easy removal of control module without disturbing valve wiring
- Roomy controller interior for ease of installation and service
- User-friendly, 10-position programming dial and large, easy-to-read LCD
- Lightning SurgePro System on 24 V a.c. and station outputs
- Self-diagnostic circuit breaker identifies and overrides an electrical valve malfunction
- Non-volatile memory retains program data through power failures of any duration
- Battery operation allows for Armchair Programming
- Battery backup keeps accurate time for up to 90 days during power failure
- Sensor hook-up with sensor override switch on faceplate
- Weather-resistant, locking cabinet with heavy-duty internal transformer (plastic/metal models)
- Plastic models made with durable, UV-resistant material
- Plastic models come with a built-in screwdriver for convenience
- Pedestal mount available (metal models)



Product	Description	Pkg	Each
CC-M12	12-Station Controller, Metal	1	
CC-M15	15-Station Controller, Metal	1	
CC-M18	18-Station Controller, Metal	1	
CC-M24	24-Station Controller, Metal	1	
CC-M36	36-Station Controller, Metal	1	
CC-M48	48-Station Controller, Metal	1	
CC-PED	Metal Pedestal Mount for CC	1	
CC-P9	9-Station Controller, Plastic	1	
CC-P12	12-Station Controller, Plastic	1	
CC-P15	15-Station Controller, Plastic	1	
CC-P18	18-Station Controller, Plastic	1	
CC-P24	24-Station Controller, Plastic	1	





IRRITROL - Rain Dial® Plus Series Controller

6, 9, and 12 Stations - Electric (outdoor/indoor)

Features

- Three independent programs offer concurrent operation capability
- 365-day calendar with automatic weekday calculation for odd/even day watering options and auto leap year adjustment
- Easy-to-read programming dial and large, self-prompting LCD
- Electric short circuit station detection and display
- Multiple language capabilities (English, French, German, Italian and Spanish)
- Easy-to-understand icons
- Automatic, semi-automatic and timed-mainual operation
- Modular design allows easy removal of control module without disturbing valve wire
- "Anywhere programming" feature provides convenient remote programming while under battery power
- Self-diagnostic electronic circuit breaker identifies and overrides an electrical malfunction of a valve
- Non-volatile memory holds program through power failures
- Battery backup keeps current time and date during power failure for up to 90 days (battery included)
- Electrical surge protection (on both input and output lines) resists damage from lightning storms and power surges
- Start-time stacking when more than three valves are on
- Water budgeting option
- Program erase for each program
- Master valve/pump start circuit
- Weather-resistant plastic, lockina cabinet with an internal transformer (outdoor models)

KwikStart™ Remote Control System

- KwikStart™ remote control system kit (KSR-KIT) Includes

- KS-Remote transmitter (KSR-T)
- KS-Remote receiver (KSR-R)
- KS-Remote 3' cable harness (KSR-CA03)
- KwikStart remote adapter kit (KSR-ADP)
- KS-Remote 25' cable harness (KSR-CA25)

All items for the remote control system are also available separately

Product	Description	Pkg	Product
RD600-INT	Control 6 station indoor	1	
RD6PLUS-EXT	6-Station, Outdoor Mount	1	
RD9PLUS-INT	9-Station, Indoor Mount	1	
RD9PLUS-EXT	9-Station, Outdoor Mount	1	
RD12PLUS-INT	12-Station, Indoor Mount	1	
RD12PLUS-EXT	12-Station, Outdoor Mount	1	

IRRITROL - Total Control® Series Controller

6, 9, 12, 15, 18, and 24 Stations - Electric (outdoor/indoor)

Features

- Four independent programs offer concurrent operation capability, start time stacking within each program
- Seven-day calendar, odd/even day or day interval options of 1-30 days
- User friendly, 10-position programming dial and large, easy-to-read display
- Excluded day option, when used with the odd/even day option, allows selection of specific day(s) not to water
- 365-day clock/calendar for odd/even day programming
- Programmable master valve On/Off per program
- Water budgeting
- Programmable "Rain Off" up to seven days
- Automatic, semi-automatic, manual and timed-manual operations
- Modular design allows easy removal of control module without disturbing valve wiring
- Self-diagnostic circuit breaker identifies and overrides an electrical malfunction of a valve
- Non-volatile memory holds program through power failures lasting up to 10 years
- Battery backup keeps accurate time for up to 90 days if power fails
- Valve test terminal for easy valve identification
- Sensor hook up with sensor override switch on terminal board
- Weather-resistant plastic, locking cabinet with an internal transformer (outdoor models)
- Durable plastic cabinet with an external transformer (indoor models)
- UL and CSA listed (6-, 9-, 12-, 15-, and 18-station models), UL and CUL listed (24-station model)



Product	Description	Pkg	Each
TC-6IN-B	6-Station, Indoor Mount	1	
TC-9IN-B	9-Station, Indoor Mount	1	
TC-12IN-B	12-Station, Indoor Mount	1	
TC-6EX-B	6-Station, Outdoor Mount	1	
TC-9EX-B	9-Station, Outdoor Mount	1	
TC-12EX-B	12-Station, Outdoor Mount	1	
TC-15EX-B	15-Station, Outdoor Mount	1	
TC-18EX-B	18-Station, Outdoor Mount	1	
TC-24EX-B	24-Station, Outdoor Mount	1	

IRRITROL - MC Plus Series Controller

4, 6, 8, 12, 18, 24, 30, 36, and 42 Station - Electric (outdoor)

Features

- Four independent programs offer concurrent operation capability
- Programmable calendar up to 16 days
- Simple program review
- LEDs indicate station operation
- Cycle looping with cycle delay (program 4 option)
- Start time stacking within each program
- Programmable delay between stations from one second to four minutes
- "All Stations" watering time entry capability
- Single program option for seasonal pre-programming
- Water budgeting
- Programmable "Rain Off" up to seven days
- Programmable "Valve Test" function runs each station sequentially from one to nine minutes without affecting program
- Alarm signals incomplete programming
- Automatic, semi-automatic, timed-manual and manual operation
- Self-diagnostic circuit breaker identifies and overrides an electrical malfunction of a valve
- Non-volatile memory will hold program during power failure for up to 10 years
- Remote-ready
- Battery backup keeps accurate time for up to 30 days during power failures
- Optimum two-stage primary and secondary surge protection
- Two separate sensor hook-ups for cycle start/stop
- Cables disconnect from terminal strip board for easy installation and maintenance (18- to 42-station models)
- Weather-resistant steel, locking cabinet with an internal transformer
- UL and CSA listed



Product	Description	Pkg	Each
MC-4 Plus-B	4-Station, Wall Mount	1	
MC-6 Plus-B	6-Station, Wall Mount	1	
MC-8 Plus-B	8-Station, Wall Mount	1	
MC-12 Plus-B	12-Station, Wall Mount	1	
MC-18 Plus-B	18-Station, Wall Mount	1	
MC-24 Plus-B	24-Station, Wall Mount	1	
MC-30 Plus-B	30-Station, Wall Mount	1	
MC-36 Plus-B	36-Station, Wall Mount	1	
MC-42 Plus-B	42-Station, Wall Mount	1	

IRRITROL - IBOC Plus Series Controller

4, 8, and 12 Stations –Solar/Battery (outdoor)

Features

- Three independent programs offer concurrent operation capability
- Odd/even day calendar with day exclusion; 7-day calendar; or 1 to 62 skip days
- Program cycle looping provides continuous program repeat operation within a selectable watering window
- 6 VDC-powered, solar-powered or optional solar-power
- Solar-powered converter can be mounted up to 1,000 feet from IBOC Plus
- Non-volatile memory retains all program data
- Programmable "Rain Delay" postpones automatic operation for up to 30 days
- Program review and erase
- Large, easy-to-read LCD displays English or Spanish
- One to 10-minute programmable, test cycle
- Fully programmable manual cycle acts like a fourth temporary program
- Selectable, programmable master valve
- 365-day calendar with automatic leap year adjustment
- Start-time stacking within each program
- Station stacking for up to three stations plus master valve at one time



Product	Description	Pkg	Each
IBOC-8PLUS	8-Station, Battery Operated	1	
IBOC-12PLUS	12-Station, Battery Operated	1	

- Enhanced lightning protection
- Water budgeting
- Electronic circuit breaker detection for open and shorted conditions
- 9 V Battery capacity displayed as a remaining percentage
- Optional rain sensor input selectable by program

IRRITROL - Pedestals/Accessories

P-2B

- For MC Plus-B: 4- to 12-station models; Dial-B: 7- to 16- station models; and IBOC Plus: all station models

P-6B

- For MC Plus-B: 18- to 42-station models; Dial-B: 18- to 36-station models; and IBOC-B, all station models

DC Latching Solenoid – E2002

- For Irritrol Systems, Hardie and Richdel valves used with OC series controllers



Product	Description	Pkg	Each
P-2B	2B Pedestal	1	
P-6B	6B Pedestal	1	
E2003	DC Latching Solenoid	1	