

HYBRID

TOTAL CONTROL® SERIES

CONTROLLERS



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SERIES

The Total Control® family of hybrid models is proof that advanced-design controllers don't have to be complicated.

Developed to meet a wide variety of watering requirements, the easy-to-program Total Control Series is available in models ranging from six to 24 stations. Programming flexibility is provided by four independent programs, 16 total start times and a 365-day calendar for odd/even day scheduling.

A large, easy-to-read display and simple dial make operation fast and easy. And, Total Control's unique modular design ensures convenient on-site or "armchair" programming, hassle-free station additions and upgrades, and immediate access for simple servicing. For added reliability, Total Control features lightning protection on both input and output lines, backed by a five-year warranty.

Irritrol Systems' Total Control — the simple solution for complete water management.

Irritrol[®]
SYSTEMS

TOTAL CONTROL® SERIES

C O N T R O L L E R S

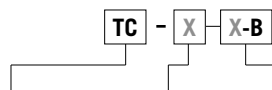
6, 9, 12, 15, 18 and 24 station models (outdoor/indoor)*

Features

Flexible Programming

- Four independent programs offer concurrent operation capability
- Seven-day calendar, odd/even day or day interval options of one to 30 days
- Excluded day option, when used with the odd/even day option, allows selection of specific week day(s) not to water
- Station run times of one minute to 10 hours in one-minute increments
- 16 total start times
- Start-time stacking within each program
- Water budgeting feature changes all stations within a program from 10-200% in 10% increments
- Programmable “Rain Off” up to seven days
- Programmable master valve On/Off per program
- Heavy-duty electrical surge protection (on both input and output lines) resists damage from lightning storms and power surges

Specifying Information



| Model | Number of Stations | Outdoor/Indoor |
|-----------|--------------------|----------------|
| TC-6EX-B | 6 | outdoor |
| TC-9EX-B | 9 | outdoor |
| TC-12EX-B | 12 | outdoor |
| TC-15EX-B | 15 | outdoor |
| TC-18EX-B | 18 | outdoor |
| TC-24EX-B | 24 | outdoor |
| TC-6IN-B | 6 | indoor |
| TC-9IN-B | 9 | indoor |
| TC-12IN-B | 12 | indoor |

Easy Operation

- Automatic, semi-automatic, manual and timed-manual operation
- Modular design allows easy removal of control module without disturbing valve wiring
- Full-size terminal boards permit easy upgrades
- Valve test terminal for easy valve identification
- User-friendly, 10-position programming dial and large, easy-to-read display
- 365-day clock/calendar for odd/even day programming

Additional Features

- Self-diagnostic circuit breaker identifies and overrides an electrical malfunction of a valve
- Non-volatile memory holds program through power failures of any duration
- Battery backup keeps accurate time for up to 90 days during power failures
- Primary and secondary surge protection
- Sensor hookup 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)
- Five-year warranty

Electrical Specifications

- Electronic circuit breaker: 1.25 amps minimum holding
- Maximum output per station: 24 V ac, .5 amp
- Maximum output to valves: 24 V ac, 1.25 amps (including master valve)
- Battery backup: 9-volt alkaline battery (not included)

Outdoor

- Transformer input: 120 V ac, 60 Hz (220/240 V ac, 50 Hz)
- Transformer output: 24 V ac, 1.67 amps

Indoor

- Transformer input: 120 V ac, 60 Hz (220/240 V ac, 50 Hz)
- Transformer output: 24 V ac, 1.25 amps

Dimensions

Outdoor

- Height: 8½” (216mm)
- Width: 10½” (267mm)
- Depth: 5” (127mm)

Indoor

- Height: 7½” (191mm)
- Width: 9½” (241mm)
- Depth: 4¼” (108mm)

*15-, 18- and 24-station controllers are available in outdoor models only.



BEYOND THE EXPECTED

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