

HYBRID

Total Control® SERIES

CONTROLLERS



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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 remote 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

CONTROLLERS

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 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

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
- Full-size terminal boards permit easy upgrades

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
- Two-stage primary and secondary surge protection
- Unique application of MOV/inductor technology provides optimum surge protection (24-station model)
- 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)

Electrical Specifications

- Maximum output per station: 24 VAC, .5 amp
- Maximum output to valves: 24 VAC, 1.25 amps (including master valve)
- Battery backup: 9-volt alkaline battery (not included)

Outdoor

- Transformer input: 120 VAC, 60 Hz
- Transformer output: 24 VAC, 1.67 amps

Indoor

- Transformer input: 120 VAC, 60 Hz
- Transformer output: 24 VAC, 1.25 amps

Dimensions

Outdoor	Indoor
Height: 8 ½"	Height: 7 ½"
Width: 10 ½"	Width: 9 ½"
Depth: 5"	Depth: 4 ¼"

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

MODELS HOW TO SPECIFY

Model	Number of Stations	Outdoor/Indoor Mount Option
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

Irritrol
SYSTEMS

BEYOND THE EXPECTED

5825 Jasmine Street, Riverside, CA 92504-1183
909/785-3623 Fax 909/785-3795
<http://www.irritrolsystems.com>