

HYBRID

# TOTAL CONTROL

## CONTROLLERS



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TOTAL CONTROL®

SERIES

CONTROLLERS



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 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®**

## TOTAL CONTROL

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**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
- Primary and secondary surge protection
- Sensor hookup with sensor over-ride 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**

- Electric circuitbreaker: 1.25 amps minimum holding
- 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 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 VAC, 1.25 amps

**Dimensions****Outdoor**

- Height: 8 ½" (216mm)
- Width: 10 ½" (267mm)
- Depth: 5" (127mm)

**Indoor**

- Height: 7 ½" (191mm)
- Width: 9 ½" (241mm)
- Depth: 4 ¼" (108mm)

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

**MODELS HOW TO SPECIFY**

| TC-6 EX-B |                    |                             |
|-----------|--------------------|-----------------------------|
| 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                      |



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