Irritrol®

EPA WaterSense® Certified
when used with Irritrol® Climate Logic®
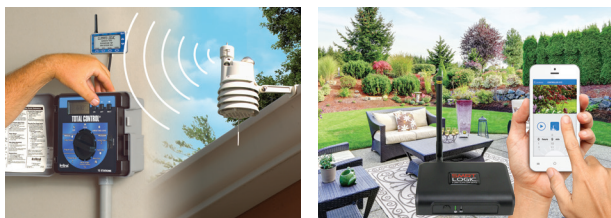
Certified by
ICC-ES

TOTAL CONTROL®-R SERIES
CONTROLLER

The Irritrol® Total Control-R family of residential/commercial controllers is proof that powerful 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 6 to 48 stations. Programming flexibility is provided by four independent programs, 16 total start times and a 365-day calendar for odd/even date scheduling. In addition, the Total Control-R is compatible with Irritrol's CLIMATE LOGIC and SMRT LOGIC Wireless platforms!

CLIMATE LOGIC/SMRT LOGIC COMPATIBLE

SMRT LOGIC® READY
Provides remote control from any internet connected device

CLIMATE LOGIC COMPATIBLE
Turns the Total Control into a weather-based controller using an on-site wireless weather sensor.

ALL "R" MODELS ARE REMOTE-READY
For Irritrol's Contractor Residential Remote (CRR) series

FOUR INDEPENDENT PROGRAMS OFFER CONCURRENT OPERATION CAPABILITY
For scheduling flexibility

SEVEN-DAY CALENDAR, ODD/EVEN DATE OR DAY-INTERVAL OPTIONS FROM ONE TO 30 DAYS
Provides the flexibility to meet water restrictions or plant watering requirements

PROGRAMMABLE MASTER VALVE ON/OFF PER PROGRAM
Provides the flexibility of running some programs with a booster pump and some without

NON-VOLATILE MEMORY
Holds program during power failures for reliable operation

FLEXIBLE STATION RUN AND START TIMES
Meets a broad range of watering requirements

6-, 9- AND 12-STATION MODELS HAVE 12-STATION TERMINAL BOARDS; 15-, 18- AND 24-STATION MODELS HAVE 24-STATION TERMINAL BOARDS
Allows for station count increase simply by changing face panel module

SENSOR HOOKUP WITH BYPASS SWITCH COMPATIBLE WITH THE IRRITROL RAINSENSOR™ SERIES
Saves water by shutting off the system during rainfall

12, 18, 24, 36 AND 48-STATION MODELS IN METAL
Painted steel commercial grade with locking cabinets for vandal resistance

COMPATIBLE WITH

CLIMATE LOGIC	CLOUD	SMRT LOGIC	RAINSENSOR	REMOTE

ADDED FEATURES

- User-friendly, 10-position programming dial and large, easy-to-read display
- Excluded-day option, when used with the odd/even date option, allows selection of specific day(s) not to water
- 365-day calendar for odd/even date programming
- Start time stacking within each program
- Programmable "Rain Off" up to seven days
- Automatic, semi-automatic, manual and timed-manual operation
- Self-diagnostic circuit breaker
- Electrical surge protection (on both input and output lines)
- Durable plastic cabinet with an internal transformer (indoor models)
- Wall-mountable
- Five-year warranty

OPERATING SPECIFICATIONS

- Station run times: 1 minute to 10 hours in 1-minute increments
- Start times: 16 total starts assignable to any program
- Water budgeting: 10-200% in 10% increments

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)
- UL and CSA listed (6-, 9-, 12-, 15-, and 18-station models)
- UL and CUL listed (24, 36, & 48-station models)
- **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

MODELS

Model	Description
TC-6EX-R	6 -Station Outdoor
TC-9EX-R	9 -Station Outdoor
TC-12EX-R	12 -Station Outdoor
TC-15EX-R	15 -Station Outdoor
TC-18EX-R	18 -Station Outdoor
TC-24EX-R	24 -Station Outdoor
TC-12EXM-R	12 -Station Outdoor (metal cabinet)
TC-18EXM-R	18 -Station Outdoor (metal cabinet)
TC-24EXM-R	24 -Station Outdoor (metal cabinet)
TC-36EXM-R	36 -Station Outdoor (metal cabinet)
TC-48EXM-R	48 -Station Outdoor (metal cabinet)
TC-6IN-R	6 -Station Indoor
TC-9IN-R	9 -Station Indoor
TC-12IN-R	12 -Station Indoor
TC-6MOD-R	Module assembly, 6 -Station
TC-9MOD-R	Module assembly, 9 -Station
TC-12MOD-R	Module assembly, 12 -Station
TC-15MOD-R	Module assembly, 15 -Station
TC-18MOD-R	Module assembly, 18 -Station
TC-24MOD-R	Module assembly, 24 -Station

DIMENSIONS

- **Outdoor:** H: 8 $^{1}/_{2}$", W: 10 $^{1}/_{2}$", D: 5"
- **Indoor:** H: 7 $^{1}/_{2}$", W: 9 $^{1}/_{2}$", D: 4 $^{1}/_{4}$"
- **Metal:** (12, 18 & 24-station) H: 10¾", W: 9¾", D: 5¾"
- **Metal:** (36 & 48-station) H: 15 $^{3}/_{4}$", W: 10 $^{3}/_{4}$", D: 5 $^{3}/_{4}$"

12-, 18-, 24-, 36- and 48-STATION MODELS AVAILABLE IN METAL CABINETS

- Commercial-grade, lockable, metal cabinet
- Full size terminal strips
- Electrical surge protection

SPECIFYING INFORMATION

TC – XX — XXX – R

MODEL	STATIONS	CONFIGURATION	
TC - TOTAL CONTROL	6 - 6 Station 9 - 9 Station 12 - 12 Station 15 - 15 Station 18 - 18 Station 24 - 24 Station 36 - 36 Station 48 - 48 Station	EX - Outdoor IN - Indoor MOD - Module EXM - Outdoor, metal cabinet	R - Remote control ready

Example: A Total Control 12 station, outdoor model = **TC-12EX-R**

OPTIONAL ACCESSORIES

- (A) SMRT Logic® Wireless Gateway
- (B) RS1000 wireless RainSensor™
- (C) RFS1000 wireless rain/freeze sensor
- (D) RS500 wired RainSensor
- (E) CRR remote series (R-100-KIT)
- (F) R102-5476 (16x20 pin adapter) cable
- (G) CL-100-Wireless Weather Sensing System
- (H) SR-1 pump start relay *(Not Pictured)*
- (I) P-2B standard pedestal

We reserve the right to improve our products and make changes in the specifications and designs without notice and without incurring obligation. Products depicted in this brochure are for demonstration purposes only. Actual products offered for sale may vary in design and features.

Irritrol®