

# Irritrol®



The Irritrol® Total Control-R family of 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 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. And the Total Control-R has a weather-based option with Irritrol's CLIMATE LOGIC®!



EPA WaterSense® Certified  
when used with Irritrol® Climate Logic®

## TOTAL CONTROL-R SERIES CONTROLLER

### 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

### NEW 12, 18, 24, 36 AND 48-STATION MODELS IN METAL

Steel commercial grade, lockable cabinets for vandal resistance

#### COMPATIBLE WITH



CLIMATE LOGIC®



CLOUD



SMART LOGIC®



RAINSENSOR™



REMOTE



6, 9, 12, 15, 18, 24, 36 & 48 STATION  
OUTDOOR AND INDOOR

IRRITROL.COM

## 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 external 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: 10 3/4", W: 9 3/4", D: 5 3/4"
- **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

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

- RS1000 wireless RainSensor™
- RFS1000 wireless rain/freeze sensor
- RS500 wired RainSensor™
- SR-1 pump start relay
- CRR remote series (R-100-KIT)
- CL-100-Wireless Weather Sensing System (CLIMATE LOGIC®)

## CLIMATE LOGIC® READY!



Make Total Control-R a weather-based controller with daily automatic water budget adjustments with the Climate Logic Wireless Weather Sensing System.

Easy connection to the back of timing module allows quick plug-in of the CLIMATE LOGIC® receiver module.

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.