



## RXC Specifications

The RXC irrigation controller shall be manufactured by The Toro Company. The controller shall have the following features and functions:

### 1.0 - Hardware Features

- 1.1 Available in plastic wall mount cabinet.
- 1.2 Conventional station configurations options range from 6 to 22 in multiples of 4.
- 1.3 Connectivity for one configurable NO/NC Master Valve/Pump
- 1.4 Connectivity for one Rain Sensor
- 1.5 Connectivity for one flow sensor.
- 1.6 3.25" fixed segment TFT LCD monochrome display and backlight.
- 1.7 Built-in transient protection.
- 1.8 Built-in lightning protection.
- 1.9 Illuminating overlay for user feedback.
- 1.10 Lifetime retention of the user's program data without the use of batteries.
- 1.11 All outputs are protected from field wiring short circuits.
- 1.12 Modular architecture. Station output modules (4-station) facilitate maintenance and eliminates total controller down time. Modular Wi-Fi connectivity option available for connection to Toro Oasis application.
- 1.13 Accessible power junction box.



## **2.0 - Scheduling Capabilities**

- 2.1 Operation of 6 conventional programs (A-F) with 6 start times.
- 2.2 Watering based on a weekly, 31-day calendar, odd/even or interval water schedules.
- 2.3 Continuous cycling of programs based upon user established start and end times, with a programmable delay/soak time.
- 2.4 Water budget per program from 0 to 200% in 10% increments for adjustment of program run times.
- 2.5 Program by time.
- 2.6 One establishment program (G) for grow in schedules.
- 2.7 Programable rain delay up to 14 days.
- 2.8 Manual rain shut-off up to 7 days.

## **3.0 - Program Setup Options**

- 3.1 Program overlap protection or concurrent operation.
- 3.2 Simultaneous station operation – 1+MV, 2+MV, or 3 stations
- 3.3 Inter station delay from 0 to 9 hours.
- 3.4 Runtimes from 1 minute to 8 hours programmable in minutes/hours.
- 3.5 Master valve selection: 1 configurable NO/NC with programmable option to be on/off during interstation delay. See 3.3



#### **4. o - Maintenance and Alarm Diagnostic Capabilities**

- 4.1 Flow monitoring. Automatic alarm processing (which provides station and/or master valve shut down and program advance as required) diagnosing and reporting station underflow and overflow, mainline breaks, and unscheduled flows.
- 4.2 Electrical field wire monitoring. Automatic alarm processing (which provides station shutdown and program advance) for station over current, short circuits, broken field wiring or faulty solenoids.
- 4.3 Communication monitoring. Automatic alarm generation/reporting for lost communications.
- 4.4 Built-in test (BIT) functions allow selected controller circuitry to be field-tested.
- 4.5 Manual test mode. Allows user to automatically advance from station to station.
- 4.6 Manual station and manual multi-station modes. Turns on any station for user entered runtime and automatically selects usage of the master valve and/or pump for this station. Multi-station mode allows any single station or output to be turned on individually or in combination with any other station(s).
- 4.7 Manually entered program. Allows user to enter a one-time program to be run immediately. The manual program is independent of automatic programs and shall start only one time.
- 4.8 Manual start of automatic programs (A-F). Start any program independent of the scheduled start time and water day.



## **5.0 - Miscellaneous Features**

- 5.1 Compatible with Toro Oasis™ Software.
- 5.2 Operates as a standalone.
- 5.3 Automatic limit setup (learn mode) for flow. Fixed global percentage limit.
- 5.4 EPA WaterSense® certified.
- 5.5 Underwriters Laboratories (UL) listed.
- 5.6 5-year limited warranty.

## **6.0 - Electrical Specifications**

- 6.1 Input Power Required: 120 VAC +/- 15%, 60 HZ.
- 6.2 Maximum load current per station, master valve or pump output: 0.4 AMP.
- 6.3 Maximum combined load current: 1.25 AMPS.
- 6.4 No batteries required.