

EVOLUTION® SERIES

The Toro® EVOLUTION® series controller has changed the way we think about irrigation control. It combines a modern and intuitive design with wide-ranging functionality, making it perfect for everyday residential use, yet able to meet the needs of more complex landscapes.

FEATURES & BENEFITS

Water-Saving Wireless Accessories

The unique Smart Connect® receiver plugs into the back of the front panel, enabling it to wirelessly communicate directly with a number of add-on devices—including a weather sensor, handheld remote, multiple soil sensors, and up to two wireless relays.

Powerful Features

The EVOLUTION controller comes standard with features ready to meet the wide-ranging needs of your clients, such as three independent watering schedules, and a stand-alone Auxiliary schedule, modular expansion from 4 to 16 zones, and the capability to power up to four standard solenoids.

Additional Features

- ✓ Up to six schedules:
 - Three irrigation schedules, four start times per schedule
 - One wired auxiliary schedule, plus two optional wireless auxiliary schedules
- ✓ Three scheduling choices:
 - Seven-day calendar
 - 1 to 30-day interval with up to seven day exclusions
 - Odd/even days with up to seven day exclusions
- ✓ Monthly season adjust by schedule
- ✓ Schedule stacking, with automatic split cycle when watering adjustments are greater than 100%
- ✓ Grow-in schedule settable up to 90 days, automatically reverts to regular irrigation schedule
- ✓ Station runtimes from one minute to twelve hours
- ✓ Allows 30, 60, or 90 second manual runtimes for things such as winterization/blowouts
- ✓ Programmable well-recovery/station-delay from 10 seconds to 30 minutes
- ✓ Pump start delay from 10 seconds to 30 minutes
- ✓ Master valve ON/OFF by zone



When equipped with a Wireless ET Weather Sensor (EVO-WS)



PSS
Compatible



Rain
Sensor
Compatible



Flow
Sensor
Compatible



SPECIFICATIONS

Electrical

- Electrical input power:
 - 120 Vac
 - 30 VA maximum
 - UL, CUL Listed
- Station output power:
 - 24 Vac
 - 0.75 amps per station maximum
 - 0.75 amps pump/master valve
 - 1.0 amps total load
- Surge Protection:
 - 6.0 KV common mode; 1.0 KV normal mode
- Operation of two solenoids per station

Dimensions

- 11 1/4" W x 7 3/4" H x 4 1/4" D
- Weight: 4.5 lbs.

Warranty

- Five years

PRODUCT HIGHLIGHTS



Smart Connect® Add-On Devices

Simply plugging the Smart Connect® into the EVOLUTION® controller allows it to communicate wirelessly with a number of add-on devices, providing a great opportunity to upgrade with a number of different water-saving and time-saving options.



Handheld Remote

Backlit display makes maintenance checks a snap, day or night, allowing you to run sprinklers or schedules from up to 1000 feet away.



Toro® Smart Connect® Plug-In Receiver

Installs easily on the backside of the EVOLUTION® controller's front panel. No wires, no externally mounted receiver. One Smart Connect® Receiver is all that is required to communicate to all Add-On Devices.



Wireless ET Weather Sensor

Combines real-time temperature and solar measurements with historical ET data for your location to automatically calculate and adjust the irrigation schedule.



Precision™ Soil Sensor

Up to three soil sensors can be used (one per schedule) to monitor the moisture level in the soil and prevent over- and underwatering. With up to a 500 feet wireless range, there's no digging required to install.

EVOLUTION SERIES MODEL LIST

Model	Description
EVO-4ID-EU	4-station Indoor Controller
EVO-4OD-EU	4-station Outdoor Controller
ADD-ONS AND ACCESSORIES	
EMOD-4	4-station Expansion Module
EMOD-12	12-station Expansion Module
EVO-SC-EU	Smart Connect® Plug-In Receiver
EVO-WS-EU	Wireless ET Weather Sensor
EVO-HH-EU	Wireless Handheld Maintenance Remote
PSS-KIT-EU	Precision Soil Sensor Kit, Europe - CE Approved

Specifying Information - EVOLUTION® Series

EVO-XX-XX-SC			
Description	Cabinet Type	Module	Connector Options
EVO	XX	XX	SC
EVO – EVOLUTION Controller	ID – Indoor OD – Outdoor	4 – No Additional Modules 8 – One, 4-Station Modules 12 – Two, 4-Station Modules 16 – One, 12-Station Module	SC – Smart Connect®

Example: A 16-station EVOLUTION controller in an indoor cabinet with Smart Connect would be specified as: **EVO-ID-16-SC**