

### ESC-1

## Easy to Use, Economical and Central Control-Ready Golf Controller

#### Features

- 16, 32 or 40 stations.
- Standalone, hardwired or wireless. Hardwired and wireless configurations have real-time two-way communication with Central Control.
- Can be mixed and matched with any other Rain Bird® Golf Controller on a golf course.
- RASTER™ (Rapid Station Test Routine) to rapidly detect open and short circuits in field wiring.
- Cycle+Soak™ in standalone to avoid water puddles and runoffs.
- Large capacity terminal strip accepts up to two 14-gauge wires per station.
- Diagnostic circuit breaker identifies electrical shorts, provides "SHORT" message on LCD screen, skips shorted stations, and continues irrigation cycle.
- Sensor input.
- Available in best-in-class weather-proof plastic pedestal.
- Heavy-duty surge protection.

#### Operating Specifications

- Manual watering by station or by program.
- Four independent programs with eight start times each.
- Two master valve terminals, one programmable by station, to provide better irrigation control.
- 12-hour watering duration for any and all stations. Zero to two hours in one-minute increments; two to 12 hours in ten-minute increments.
- Water adjust by program provides adjustment from 0 to 300% in 1% increments.

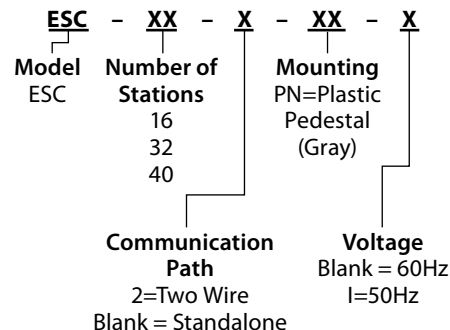
- Programming schedule:
  - » ODD day watering
  - » EVEN day watering
  - » Variable day cycle from one to 99 days per program
  - » Custom day-of-the-week by program
  - » Test program. Variable one to 99 minutes
- Programmable rain delay enables system to stay off for up to 99 days with auto-restart.
- In multi-manual mode, stations are stacked pending electrical availability.
- Two master valve terminals, one programmable by station to provide better irrigation control.
- Battery programmable controller allows for programming prior to installation.

#### Central Control Specifications

- Works with any Rain Bird® Central Control software.
- Compatible with Rain Bird® FloManager®, Smart Weather,™ RainWatch™ and Smart Pump™ modules.
- As many programs as permitted by Central Control.
- Factory configured to receive commands via cell phone (MI Series Mobile Controller software required) or UHF radio (FREEDOM™ System). All commands are recorded by Central Control.
- Short watering window:
  - » Central Control-managed dynamic flow management will turn on stations and overlap programs as needed to maximize hydraulic efficiency
  - » Up to seven standard Rain Bird 24 VAC, 7 VA solenoids operating simultaneously



#### How to Specify/Order





## Electrical Specifications

- Input required: 117 VAC +/- 10%, 60 Hz.  
(International models: 230 VAC +/- 10%, 50 Hz)
- Maximum output: 3 A, 26.5 VAC.
- Station load capacity: Up to two 24 VAC, 7 VA solenoid valves per station plus a master valve or pump start relay.
- Diagnostic circuit breaker skips and indicates stations with overloaded circuits.
- Power supply overload, backup fuse: 3A SLO-BLO.
- RASTER™ (Rapid Station Test Routine) to rapidly diagnose field wiring and solenoid problems.
- Battery backup: 9 VDC, NiCad rechargeable for programming under battery power and for maintaining active program-in-progress during a power outage.
- Heavy-duty premium electrical surge protection for station valve wires is standard equipment.
- UL Listed; CSA, CE, C-Tick approved.

## Dimensions

- Pedestal
  - » Width: 17" (43.2 cm)
  - » Height: 34 3/4" (88.0 cm)
  - » Depth: 21" (53.4 cm)



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