



Product Specification

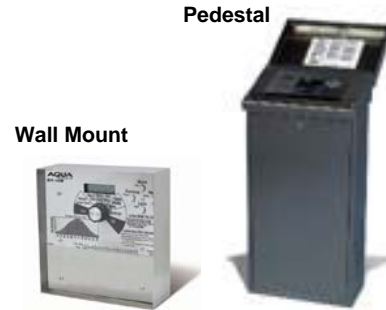
AQUA Conserve® Residential/Commercial Controllers

Description

Aqua Conserve introduces the ultimate landscape irrigation controller, featuring an intuitive programming interface, advanced features, daily smart operation using real-time weather data backed by Aqua Conserve's proven historic/temperature (stand-alone mode), and Internet feedback & control technologies. Let us help you save water!

Features

- Rugged stainless steel Wall Mount or Pedestal enclosures. Wall Mount unit is available as an 8, 16, 24, or 32 station. The Pedestal is available as an 8, 16, 24, 32, 40, or 48 station.
- Modifies scheduled watering times to coincide with the landscape plant water use demands.
- Optional modem enables programming of all controller features as well as viewing irrigation history at any time of the day using your web browser. This feature does not require a dedicated telephone line.
- Real-time ET data from a local weather station is received over the Internet using the optional modem (modem shares an existing telephone line).
- If Internet data is unavailable or disrupted, controller utilizes Aqua Conserve's proven historic/temperature-based adjustments.
- Provides for a familiar programming interface. Programming options include odd/even, skip-days, or weekly based. Station run-times program up to 240 minutes each. The four programs may be stacked or overlapping.
- The ET-8 Series controller, operating on historic/temperature data, has obtained SWAT approval.
- Measures and displays the electrical current draw of each active station. Common electrical problems, such as electrical shorts or open circuits, are easily identified. The unit is protected against over-current and other electrical anomalies.
- Each station may be programmed to irrigate in an on/off pattern (cycle/soak) to prevent run-offs.
- The Establishment feature allows the scheduling of additional watering for a specified period of time to establish new plant material.
- With the addition of a flow meter, system flow limits, such as station high/low flow, as well as main break levels, may be set. When activated, controller will monitor flow and skip the current station when flow limit is exceeded.
- The Accumulate feature, when activated, skips scheduled watering days during the cool months if run-times are too low to be of benefit to the landscape.
- 24 VAC, 50/60 Hz @ 1.6 Amps transformer output: simultaneously drives 6 typical irrigation solenoids.



Specifications

The ET-8 Series controller shall be a wall-mount or pedestal indoor/outdoor landscape controller with the ability to control 8, 16, 24, 32, 40, or 48 stations manufactured by Aqua Conserve, Inc. The controller shall be installed and wired in accordance with the manufacturer's published instructions and local electrical code.

The controller shall, using a modem, receive real-time weather data and allow for remote programming of all controller settings as well as viewing of irrigation history at any time of the day using a web browser. The controller shall not require a dedicated telephone line for this feature.

The controller shall, when real-time weather data is unavailable, use Aqua Conserve's proven historic and temperature ET technologies, to adjust watering schedules on a daily basis. A Rain/Temperature Wired Sensor shall be included with each controller.

The controller shall be SWAT approved.

The controller shall provide for four programs and four starts per program. Each program shall be set to execute an odd/even, skip-days, or weekly schedule. The controller shall allow station run-times of up to 240 minutes each per program start. The four programs may be stacked or overlapping. The controller shall allow for cycle/soak programming.

The controller shall feature plant establishment to allow the scheduling of additional watering for a specified time to establish new plants.

The controller shall feature diagnostics to measure and display the electrical current draw of each active station. The controller shall help identify common electrical problems, such as electrical shorts or open circuits.

When Accumulate feature is enabled, the controller shall skip scheduled watering days during the cool months if run-times are too low to be of benefit to the landscape.

The controller shall feature flow monitoring to detect station high/low flow as well as main break conditions.

The controller's primary shall be 120 VAC, 60HZ. The controller shall be fully programmable through panel mounted rotary and push-button switches. The controller shall feature a high contrast LCD display. The controller shall have non-volatile memory to retain program information in the event of total loss of power.

Technical Specifications

- Main Power: 110 VAC, 50/60 Hz
- Maximum Load: 24 VAC, 50/66 Hz, 1.6 A
- Maximum Load per Station: 24 VAC, 50/60 Hz @ 0.5 A (2 typical valve solenoids)
- Operating Temperature: 20°F – 140°F
- Settings: maintained during power down
- Rain Sensor: normally-closed rain sensors
- Rain/Temperature Sensor: compatible with Aqua Conserve Wired/Wireless RTS
- Flow Meter: compatible with Two- or Three-terminal flow meters
- Communication: compatible with Aqua Conserve Telephone/Radio Modems
- Remote: compatible with Aqua Conserve Remote Adapter
- Master Valve: two programmable outputs
- Alarm: one dedicated alarm output

Warranty Information

All Aqua Conserve products are warranted for a period of three years from the date of first purchase. If a defect is discovered during the warranty period, Aqua Conserve will repair or replace, at its option, the product or the defective part. This warranty does not extend to repairs or replacements required as a result of an act of God, misuse, negligence, modification, or improper installation / maintenance of the product. This commitment to repair or replace is our sole and total warranty. We will not, under any circumstances, be liable for incidental or consequential damages, no matter how they occur. To initiate a warranty claim, first note the serial number of the product then call our Customer Service department.