

PoolWarden Specs

1 or 2 Pool Chemical Automation & Energy Management System

The PoolWarden is a water chemistry control system with capabilities to control the pH, sanitizer and temperature on up to two bodies of water at the same time. Includes for each pool a pH and ORP relay supplying the input voltage when on and 2 auxiliary dry contact relays that can be used to control a heater and a backup sanitizer when the primary sanitizer is a salt system. Water measurements are taken continuously while PoolWarden's internal relay programming determines if chemical adjustments are needed. Energy management is supported by providing two set points per day for heater control. Optional Gold ORP probes and the TrueDPD Colorimetric sensor make the PoolWarden ideal for saltwater pools & spas. The PoolWarden Pi will also accept future accessories. 4-20mA, Camera, etc.

Specifications

- Available for 1 or 2 pool control (4 or 8 relays)
- pH (acid or base), ORP (Sanitizer) control
- Optional PPM Monitor & Control*
- Proportional feed for more precise control with any chemical feed pump
- Programmable set points, mixing times, on delay
- ORP Calibration can be disabled
- Cyanuric Acid Compensation Offset (ORP)
- Supports on and off mixing times, Cycle Time (Pi)
- Manual control on and off modes
- Plug & Play Accessories
- All relay disable for 1 hour when servicing pool
- 1 Button access for calibrating/manual control
- 1 Button shortcuts for basic setting adjustment
- Service pin code entry tracks access
- 3 Security Passwords, 3 Levels
- Lockable enclosure
- Manual entry of PPM, hardness, cyanuric acid and alkalinity for Langelier saturation index calc.
- Daily overfeed and set point overfeed protection
- ORP pH lockout, ability to not feed at same time
- Suction side cal hypo feed capabilities
- Ancillary Chemical Feed (Enzyme/Defoamer/etc.)
- Data Recording
- Easy last 7 Daily Readings For Title 22 Records
- Cyanuric Acid Compatible CYA Offset & DPD PPM Sensor Tested to 300 PPM
- English/Metric
- Red alarm LED on outside of enclosure
- Easy to use 16 button keypad, 40 Character back lit display.
- Up to 4 Switch inputs, can also be digital flow to display flow rate.
- **Support for the TrueDPD Colorimetric free chlorine sensor & True PPM Control*^**
- Optional gold ORP sensor for salt pools^
- Optional Ethernet, WIFI, Power Line & Cellular
- Optional Bluetooth Printer w/Pi Option
- FAC Range 0-9.5 PPM w/optional TrueDPD
- ORP Range 0 to 988 mv
- PH Range 4.22 to 9.78
- Temperature range 32 to 122 F (0-50 C)
- Varistor relay protection
- 2 Auxillary relays per pool (dry contact or voltage)^
- Auxiliary contact relays for backup sanitizer control, heaters, chillers, ancillary control
- Heater Control. Monitor heater on time to calculate costs & maintenance needs
- 110/220 VAC input voltage 50/60Hz
- UL 1563 and CSA C22.2#218.1 Approvals
- Controller: 10"x 8 3/8" x 4" (254 mm x 213 mm x 102 mm)
- Flow Cell w/fittings & probes: 7" x 16.5" x 3" (305mmx203mmx178mm)
- NSF 50

* CA Title 22 ^Saltwater Compatible