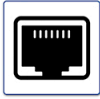# PoolWarden Plus

The Best System In It's Class w/TruePool Management

Manage water quality & operating costs. The PoolWarden Plus gets a new level of simplicity and sophistication with our new built in communication modual. Choose between Cycle or Mixing Time and SetPoint Spread Proportional Feed of sanitizer/Acid/CO2/Base for extreamly precise chemical control on any size pool or spa with equipment any distance from pool. 2 AUX relays per pool increases its functionality.

Pre-Mounted Dual System P/N PW+-DMTD

Accessories

- **Gold ORP Sensor For Salt Pools**
- **TrueDPD Free Chlorine Sensor**
- **ChemViz Injection Block**
- **Bluetooth Printer**

Key Features

- **1 or 2 Pool Versions**
- **More Options, SImplified Operation**
- **Built In Ethernet, WIFI, USB & Bluetooth**
- **Connect With Smartphone, Tablet or PC**
- **Field Upgradable, Downloadable Updates**
- **EnergySmart Heater Control**
- **Easy Data Access On Site or Online**
- **Cyanuric Acid Offset Programming**
- **Automate Enzyme & Defoamer Feed**
- **Monitor Langelier/Ryzner Indexes**
- **Monitor Chemical/Heater Usage & Costs**
- **NSF, UL Cetifications**
- **Warranty - 5 Years Electronics, 1 Year Sensors & Flow Cell**

ControlOMatic Phone APP

New Direct Connect

CA Title 22, Oregon Health Compliant w/TrueDPD

ControlOMatic
Automated Pool & Spa Solutions

PoolWarden Plus Specs
1 or 2 Pool Chemical Automation & Energy Management System

The PoolWarden Plus has an advanced communication module and is a water chemistry control system with capabilities to control the pH, sanitizer and temperature on up to two bodies of water of any size at the same time. Includes for each pool a pH and sanitizer relay supplying the input voltage when on and 2 auxiliary dry contact relays per pool that can be used to control a heater, backup sanitizer, defoamer or enzyme. Water measurements are taken continuously while PoolWarden's internal relay programing 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 Plus 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 system.
- Programmable set points, mixing times, on delay
- Selectable Mixing or Cycle Time
- Cyanuric Acid Compensation Offset (ORP)
- Manual control on and off modes
- Built In WIFI, USB, Bluetooth & HDMI
- 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.
- **Optional TrueDPD Colorimetric free chlorine sensor & True PPM Control*^**
- **Optional gold ORP sensor for salt pools^**
- **Optional Bluetooth Printer**
- 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 AUX 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