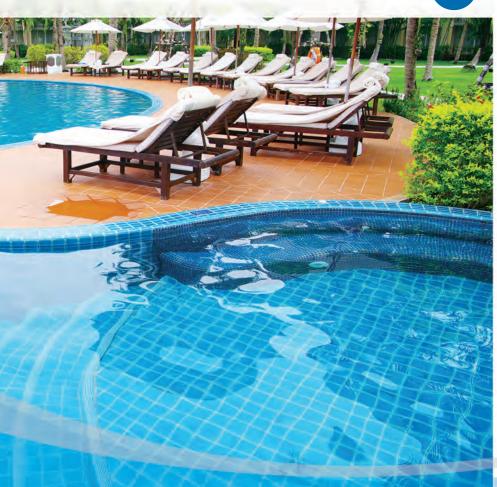


## CAT CONTROLLERS® CAT 4000® AUTOMATED CONTROLLER

## Wireless, Web-Based Water Quality Controller





## CAT 4000 Commercial Remote Water Quality Controller

Using the CAT 4000 system you can easily log onto poolcomm.com to activate your wireless account and begin monitoring your water quality. Using your personal PoolComm<sup>®</sup> website you can view water quality data, print charts and graphs, customize your settings, and receive alarm notifications via email or SMS.

- Wireless link to the PoolComm site with extensive North American coverage and 24/7 monitoring
- Incredibly simple to install and operate via simple menus and a bright alphanumeric display
- Compatible with existing chemical feed equipment, so initial investment is minimized
- Comes complete with CAT Professional Series pH and ORP sensors for unsurpassed performance
- NSF/ANSI Standard 50



## **TECHNICAL SPECIFICATIONS**

Enclosure:	7" x 7" x 2.3" glass-filled polycarbonate
Interface:	UV Protected Lexan membrane switch
Certifications:	UL94-5V (UL746 C5) NEMA type 1, 4, 4X, 6, 12, 13 NSF / ANSI Standard 50
Display:	2 x 20 character vacuum fluorescent
Keys:	Embossed with stainless tactile domes
Display Range:	pH 1.0-9.9 / ORP 5-995 mV
Flow Cell:	Injection molded with integral baffles Machined acrylic (optional)
Backboard:	CNC machined and beveled PVC
Flow Sensor:	Magnetic with embedded reed switch Digital rotary (optional)
Communications:	Bi-directional wireless reflex
Internet URL:	http://www.poolcomm.com
Latency:	< 5 minutes per path
Alarm Format:	Email, text message, visual, audible
Safety Systems:	pH low and high alarms ORP low and high alarms pH priority feed Supplemental feed modes pH and ORP overfeed timeout Flow alarms
Optional Equipment:	Optical level sensors Digital flow rate sensor Chemical feed systems Rotary flow sensor Remote dome antenna
Set Point Range:	pH 7.0-8.0 ORP - 200-995 mV
Control Accuracy:	pH +/- 0.1 pH ORP +/- 5.0 mV
Alarm Ranges:	pH - low 6.0 pH / high 9.0 pH ORP low 200 mV / high 995 mV

Mode Selections:	pH automatic / off / manual for 30 minute direct feed ORP automatic / off / manual for 30 minute direct feed pH feed - acid or base ORP mode - auto / set pH mode - auto / set / calibrate
Power Input:	USA - 15 Amp, 120 VAC 60 Hz Intl 10 Amp, 230 VAC 50/60 Hz
Inputs:	CAT Professional Series pH sensor CAT Professional Series ORP sensor CAT magnetic flow sensor CAT rotary flow sensor Optical pH tank level sensor Optical ORP tank level sensor Optical water level sensor Digital flow meter
Outputs:	pH feed, 4 Amp, 115 VAC ORP feed, 4 Amp, 115 VAC AUX - 1 - dry contact, 1 Amp max
Auxiliary Outputs:	Menu Based Programmability: Remote alarm pH acid feed pH base feed ORP primary feed ORP supplemental feed Dechlorination control Water level control Level / flow sensor #1 Level / flow sensor #2 Level / flow sensor #3 Chlorine generator interface Time-based activation
Warranty:	Controller - 5 year comprehensive warranty and technical support Sensors - 2 year warranty

Commercial Pool Products • 10101 Molecular Drive #200 • Rockville, MD 20850 • 1-800-657-2287



