



# CAT 4000<sup>®</sup> Series

## WIRELESS WATER CHEMISTRY CONTROLLER



5 YEAR WARRANTY

NSF

### WIRELESS COVERAGE FOR TOTAL CONTROL ON THE GO.

Access your commercial pool from your computer or mobile device with the CAT 4000<sup>®</sup> wireless water chemistry controller and PoolComm<sup>®</sup> app. Complete with CAT Professional Series pH and ORP sensors and available Wi-Fi<sup>®</sup> or cellular capability, CAT 4000 offers easy, web-based water quality control from anywhere.



#### MOBILE MANAGEMENT OPTIONS

CAT 4000 systems work with PoolComm.com and the PoolComm app to remotely monitor and control commercial water quality. Monitor and access your water quality settings and readings from any web-enabled mobile device, anywhere in the world. Plus, with the Wi-Fi option, there are no recurring charges.



#### RELIABLE REMOTE SYSTEM ACCESS

Stop spending time and money installing and maintaining dedicated analog phone lines. By leveraging two different communication protocols (cellular and Wi-Fi), CAT 4000 offers simple, reliable wireless system access 24/7.



#### SIMPLE INSTALLATION, POWERFUL RESULTS

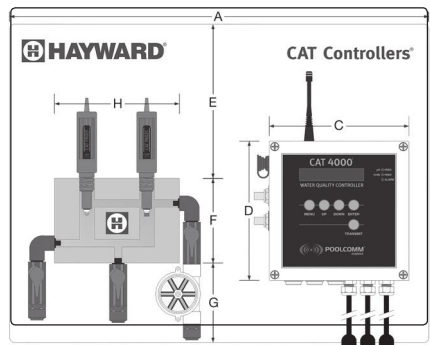
CAT 4000 is factory-assembled for easy installation and compatible with existing chemical feed equipment. Once the effortless installation and PoolComm setup are complete, you can view water quality data, print charts, analyze graphs—even receive alarms via email or text.

## 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)
Power Input	USA - 15 Amp, 120 VAC 60 Hz Intl. - 10 Amp, 230 VAC 50/60 Hz*
Communications	Bi-directional wireless reflex Wi-Fi and Cellular connectivity option
Internet URL:	poolcomm.com
Mobile App	Available for iPhone® and Android™ devices
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
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
Optional Equipment	Optical level sensors Digital flow rate sensor Rotary flow sensor Remote dome antenna
Outputs	pH feed, 4 Amp, 115 VAC ORP feed, 4 Amp, 115 VAC AUX - 1 - dry contact, 1 Amp max
Warranty	5-year limited warranty on controller 2-year warranty on sensors

## PART NUMBERS

PART NUMBERS	DESCRIPTION	CARTON	
		QTY	WEIGHT
CAT-4000-WIFI	CAT 4000® Standard Package** with Wi-Fi	1	15 lbs.
CAT-4000-CELL	CAT 4000 Standard Package** with Cell	1	15 lbs.
CATPP4000WIFI	CAT 4000 Professional Package*** with Wi-Fi	1	20 lbs.
CATPP40000CELL	CAT 4000 Professional Package*** with Cell	1	20 lbs.



## DIMENSIONS

A	21"
B	16"
C	8.25"
D	4.5"
E	8"
F	16"
G	7"
H	3.125"

## OPTIONAL EQUIPMENT

PART NUMBER	DESCRIPTION	CARTON	
		QTY	WEIGHT
HCSC110	Saline C® 11.0 Salt Chlorine Generator	1	50 lbs.
HCSC60	Saline C® 6.0 Salt Chlorine Generator	1	25 lbs.
HCSJBOX-BU	Sanitizer Back-up Junction Box	1	3 lbs.
AQL-CHEM4-ACID	Complete pH Chemical Feed System with 15-Gallon Tank and Containment Tray	1	24 lbs.
AQL-CHEM4-CHLOR	Complete Cl Chemical Feed System with 15-Gallon Tank and Containment Tray	1	24 lbs.
AC004	Standard CO <sub>2</sub> System	1	7 lbs.



CO<sub>2</sub> FEEDER



pH/Cl CHEMICAL FEED SYSTEMS



SALINE C® SYSTEM

\*For international version and part number information, please contact your local Hayward® Sales Representative

\*\*Standard Package includes Molded Flow Cell and Float-Style Flow Sensor

\*\*\*Professional Package includes Machined Acrylic Flow Cell and Rotary Flow Sensor

» [haywardcommercialpool.com](http://haywardcommercialpool.com) » (301) 838-4001

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