



## WATER CHEMISTRY CONTROL **MADE EASY.**

Advanced chemistry management for salt-chlorinated water.

Equipped with CAT Professional Series pH, ORP and conductivity/NaCl sensors and CAT 5500 offers automated water quality management specifically tailored to salt chlorinated commercial pools. CAT 5500 offers the added benefit of global wireless coverage, giving you total system access from anywhere in the world.



### POWERFUL SALT WATER CONTROL

Shipped with CAT Professional Series pH, ORP and conductivity/NaCl sensors, CAT 5500 offer state-of-the-art control capabilities, including dual sanitizer set points for backup ORP control, a heat sensor for temperature monitoring and auxiliary relays for maximum versatility.



### OPTIONAL WIRELESS ACCESS

Stop spending time and money installing and maintaining dedicated analog phone lines. CAT 5500 leverages two different communication protocols (Wi-Fi or cellular), to offer simple, reliable wireless system access 24/7.



### SIMPLE INSTALLATION, ROBUST RESULTS

The CAT 5500 is factory-assembled for easy installation and compatible with existing chemical feed equipment. With the 5500 model, you can use the PoolComm<sup>®</sup> website and/or app to view water quality data, print charts, analyze graphs—even receive alarms via email or text.

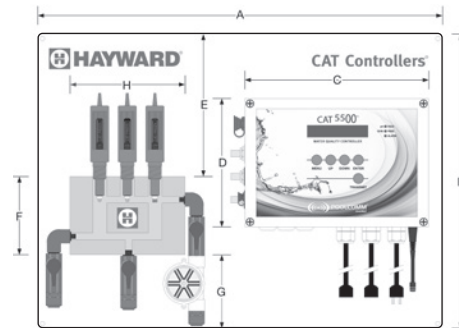


## TECHNICAL SPECIFICATIONS

Enclosure	7.25" x 7.25" x 2.3" glass-filled polycarbonate 7" x 10" x 3.5" glass-filled polycarbonate
Interface	UV-protected Lexan membrane switch
Display	Light-emitting diode
Display Range	pH 0.0 - 9.9 / ORP 5 - 995 mV GPM TDS 0 - 7500ppm / NaCl 0 - 7500ppm Digital Flow 0 - 9 999.9gpm Temp. 0° - 999° F
Flow Cell	Machined acrylic
Backboard	CNC machined and beveled PVC
Flow Sensor	Rotary flow sensor with magnetic reed style flow sensor (CAX-20203)
Power Input	USA - 10 Amp, 120 VAC 60 Hz Intl. - 5 Amp, 240 VAC 50/60 Hz*
Output Power	pH Relay - 4 Amp, 120/240 VAC ORP Relay - 4 Amp, 120/240 VAC
Auxiliary Relays	Qty. 1 AUX Relay - Dry Contacts - 4 Amp Qty. 2 AUX Relay - Dry Contacts - 4 Amp
Communications Output	Cellular (fees apply), Wi-Fi (free) Based
Warranty	5-year limited warranty on controller 2-year warranty on sensors 1-year warranty on wearable items
Internet URL	poolcomm.com
Mobile App	Available for iPhone® and Android™ devices
Alarm Format	Visual, audible 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 alarm Water level pH and/or Chlorine Tank Level Temperature
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 Digital Flow 0 - 2325 GPM NaCl 0 - 7500ppm / TDS 0 - 7500ppm Temp. 32° - 104° F
Optional Equipment	Optical level sensors Digital flow rate sensor Chemical feed systems Acrylic flow cell Remote antenna
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-#3 Chlorine generator interface Time-based activation Temperature

## PART NUMBERS

PART NUMBERS	DESCRIPTION	CARTON	
		QTY	WEIGHT
CATPP5500WIFI	CAT 5500® Professional Package† with Temp/TDS/NaCl Display - Wi-Fi	1	20 lbs.
CATPP55000CELL	CAT 5500 Professional Package† with Temp/TDS/NaCl Display - Cell	1	20 lbs.
CAT5500-WIFICA	CAT 5500 Professional Package†, with Temp/TDS-WIFI/Derived PPM	1	20lbs.



## 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.
AC025	Peristaltic Variable Speed 50GPD Feed Pump	1	5 lbs.
PTC15	Complete pH Chemical Feed System with 15-Gallon Tank and Containment Tray	1	24 lbs.
PTC30	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.
AC005	High Output CO <sub>2</sub> System	1	7 lbs.
AC006	SWITCHOVER-AUTO,CO2		
AC015	Valve-Brass,110 VAC, 3/4 IN		



pH/Cl CHEMICAL FEED SYSTEMS



CO<sub>2</sub> SYSTEM



SALINE C® SYSTEM

\*For international version information, please contact your local Hayward® Sales Representative.

†Professional Package includes Machined Acrylic Block Flow Cell and Rotary Flow Sensor.

» [haywardcommercialpool.com](http://haywardcommercialpool.com) » 1-888-HAYWARD

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