



CAT CONTROLLERS®
CAT 3500® & CAT 5500®
AUTOMATED pH/ORP CONTROLLERS
WITH TDS AND SALT MONITORING

Discover the latest in powerful water chemistry controllers complete with TDS and Salt monitoring



COMMERCIAL AUTOMATION



Hayward Commercial Pool introduces the CAT 3500® automated controller and CAT 5500® wireless, communicating controller, equipped with state-of-the-art sensing and control capabilities tailored specifically for salt chlorine applications. Powerful and intuitive, these new models offer the utmost in convenience in pH, ORP, conductivity/NaCl, backup sanitization and internet-based monitoring.

- pH and ORP controller with conductivity/NaCl monitoring
- Dual sanitizer set points for back-up ORP control; temperature sensor for heater control
- Auxiliary relays for control versatility; 1 relay CAT 3500, 2 relays CAT 5500
- Communicates wirelessly to PoolComm*
- Comes complete with CAT Professional Series pH, ORP and Conductivity sensors for unsurpassed performance
- Perfect complement to Saline C® 6.0 Salt Chlorine Generator
- 5-year limited warranty on controller; 2-year warranty on sensors

*applies to CAT 5500 only

CAT 3500® & CAT 5500®

AUTOMATED pH/ORP CONTROLLERS WITH TDS AND SALT MONITORING

CAT 3500 & 5500 TECHNICAL SPECIFICATIONS

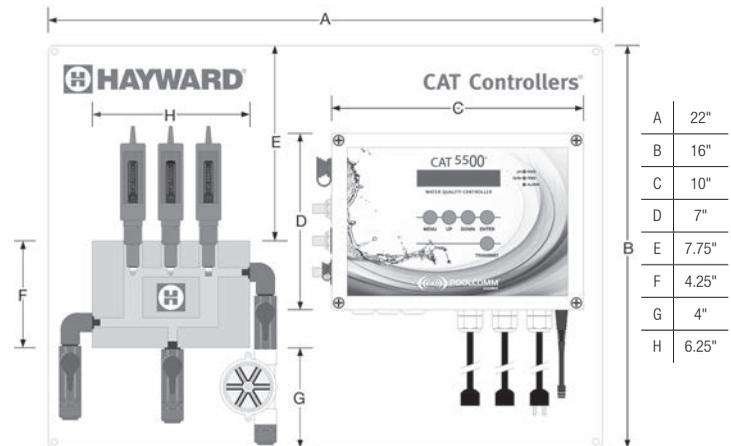
Description	Specifications	
Enclosure	7.25" x 7.25" x 2.3" glass-filled polycarbonate 7" x 10" x 3.5" glass-filled polycarbonate*	
Interface	UV protected Lexan membrane switch	
Display	Light-emitting diode	
Display Range	pH 0.0 - 9.9 / ORP 5 - 995 mV GPM TDS 0 - 7500ppm / NaCl 0 - 7500ppm	Digital Flow 0 - 9999.9 GPM Temp. 0° - 999° F*
Flow Cell	Injection molded flow cell with integral baffles Machined acrylic*	
Backboard	CNC machined and beveled PVC	
Flow Sensor	Float-Style magnetic flow switch Magnetic with embedded reed switch*	
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	Cell, Wi-Fi, & Satellite*	
Warranty	5-year limited warranty on controller 2-year warranty on sensors	
Keys	Embossed with stainless tactile domes	
Internet URL:	http://www.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	Rotary flow sensor 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 Level / flow sensor #2 Level / flow sensor #3 Chlorine generator interface Time-based activation Temperature*

*applies to CAT 5500 only

PART NUMBERS

Part Numbers	Description	Carton Quantity	Carton Weight (lbs.)
CAT-3500	CAT 3500 pH, ORP, TDS, and NaCl(Salt) Water Chemistry Controller	1	15.0
CAT-3500075	CAT 3500 with Machined Flow Cell and RFS	1	20.0
CAT-5500-WIFI	CAT 5500 pH, ORP, Temp, TDS, and NaCl(Salt) with Wi-Fi Transceiver	1	20.0
CAT-5500-CELL	CAT 5500 pH, ORP, Temp, TDS, and NaCl(Salt) with Cellular Transceiver	1	20.0
CAT-5500-DS100	CAT 5500 pH, ORP, Temp, TDS, and NaCl(Salt) with Satellite Transceiver	1	20.0
CAT-5500075-WIFI	CAT 5500 with Wi-Fi Transceiver, Machined Flow Cell and RFS	1	20.0
CAT-5500075-CELL	CAT 5500 with Cellular Transceiver, Machined Flow Cell and RFS	1	20.0
CAT-5500075-DS100	CAT 5500 with Satellite Transceiver, Machined Flow Cell and RFS	1	20.0

DIMENSIONS



OPTIONAL ACCESSORIES

For Total Chemical Automation

Part Number	Description	Carton Quantity	Carton Weight (lbs)
HCSC60	Commercial Salt Chlorine Generator	1	50.0
HCSJBOX-BU	Sanitizer Back-up Junction Box	1	3.0
AC035	Peristaltic feed pump	1	5.0



Junction box for sanitizer back-up



Chlorine dispensing for sanitizer control