

HCC Series

pH AND pH/ORP CONTROLLERS





PARADISE-WORTHY WATER.



HCC 2000 COMPLETE PACKAGE

PVC backboard allows for quick and easy professional installation

Fully programmable digital user interface features an easy-to-read display with pH set points and other advanced features

Durable, injection-molded 1/2" NPT body provides 4x the storage capacity of standard electrodes

Color-coded BNC covers identify and protect instrument connections

Two integrated, factory-wired chemical-feed pumps are compatible for use in 75% of all commercial pool applications [Complete Package models only; HCC 1000 Complete Package has one pump]





HCC Series systems offer powerful yet affordable pH/ORP automation.

By maintaining optimum conditions for pH balance and chlorine effectiveness, HCC Series water chemistry controllers help prevent recreational water illnesses and improve swimmer comfort while protecting costly pool equipment.



TOTAL-PACKAGE PERFORMANCE

Designed with fully programmable microprocessor-based technology, HCC Series systems come factory-assembled with everything you need for simple pH or total pH/ORP management. Complete Package models include chemical feed equipment for added convenience.



SUPERIOR SENSOR TECHNOLOGY

With commercial-grade Poly Pro™ pH sensors and ultra-high purity platinum ORP sensors, HCC Series systems offer unparalleled performance and longevity. Programmable pH or ORP overfeed times and alarm notifications protect against dangerous chemical imbalances.



EASY TO USE AND MAINTAIN

HCC Series systems offer proportional or fixed feed options for reliable and accurate dosing and are made of durable materials designed to resist damage by aggressive pool chemicals. Maintenance is simple, and NSF/ANSI Standard 50 certifications provide added peace of mind.

TRY IT WITH



Bringing the benefits of salt chlorination to your pool is easy when you combine your HCC Series pH/ORP controller with a **Saline C® Series** salt chlorination system. You'll enjoy reduced chemical costs and easy single-vessel installation—and your guests won't be able to get enough of the silky soft water.

TECHNICAL SPECIFICATIONS

PART NUMBER	HCC 1000	HCC 1000-CP	HCC 2000	HCC 2000-CP
Description	Automated pH Controller	Water Chemistry Controller Package	Water Chemistry Controller	Complete Water Chemistry Controller Package
Carton Quantity	1	1	1	1
Carton Weight (lbs)	10.0	15.0	11.0	20.0
Enclosure	7.5" x 6.5" x 3.5" glass filled polycarbonate		7.25" x 8.25" x 3.5" glass-filled polycarbonate	
Interface	UV protected Lexan membrane switch			
Certifications	UL94-5V (UL746 C5) NSF / ANSI 50		UL94-5V (UL746 C5) NEMA type 1, 4, 4X, 6, 12, 13 NSF / ANSI Standard 50 (HCC2000 Only)	
Display	Light-emitting diode			
Display Range	pH 0.0-14.0		pH 0.0 - 9.9 / ORP 5 - 995 mV	
Flow Cell	Machined acrylic		Injection molded flow cell with integral baffles	
Backboard	CNC machined and beveled PVC			
Flow Sensor	Pressure flow sensor		Float-style magnetic flow 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			
Auxiliary Relays	AUX pH relay - dry contact - 4 Amp			
Communications Output	RS232 Serial Interface			
Alarm Contact Relay	Remote Alarm - dry contact relay - 4 Amp			
Mode Selections	pH automatic / off / manual direct feed pH feed - acid or base pH mode - auto / set / calibrate		pH and ORP automatic / off / manual direct feed pH feed - acid or base ORP mode - auto / set pH mode - auto / set / calibrate	
Warranty	Controller 1 Year Sensors 1 Year comprehensive		Controller 1 Year comprehensive Sensors 1 Year comprehensive	
Pump Type			Fixed output	
Pump Power Supply			24-240VAC	
Pump Frequency			50/60 Hz	
Pump Power Consumption			3.5W	
Pump Tube			Santoprene	
Pump GPD	N/A	6.34 or 31 (both tubes included)	N/A	6.34GPD and 31.68GPD (2 tubes supplied per pump)
Pump Max Back Pressure (PSI)			22	
NEMA Rating			NEMA 4X	
Pump Enclosure			4.2" x 3.2" x 3.6"	
Pump Certifications			ETL/CE	
Pump Warranty			1 Year	

OPTIONAL ACCESSORIES

PART NUMBER	DESCRIPTION	CARTON QUANTITY	CARTON WEIGHT (LBS.)
AC003	Residential CO ₂ pH Control System	1	5.0
AC004	Standard CO ₂ System	1	7.0
AC035	Peristaltic feed pump	1	5.0
HCSC60	Saline C® 6.0 Salt Chlorine Generator	1	25.0
HCSC110	Saline C® 11.0 Salt Chlorine Generator	1	50.0
AQL-CHEM4-ACID	Complete pH Chemical Feed System with 15 Gallon Tank and Containment Tray	1	24.0
AQL-CHEM4-CHLOR	Complete Cl Chemical Feed System with 15 Gallon Tank and Containment Tray	1	24.0



CHEMICAL FEED SYSTEM comes standard with Complete Package models.

[HCC 1000-CP includes pump but not chemical storage container; HCC 2000-CP includes two pumps.]



CO₂ FEEDER offers an added layer of efficiency and cost effectiveness when managing pH levels.

» haywardcommercialpool.com » (301) 838-4001

HCC Controllers are listed by:



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