

HCC 4000 Series

WIRELESS WATER CHEMISTRY CONTROLLER



1 YEAR
WARRANTY

NSF

AFFORDABLE, WIRELESS WATER QUALITY CONTROL FROM ANYWHERE.

HCC 4000 Series water chemistry controllers monitor pH and Oxidation Reduction Potential (ORP) while automatically making chemical feed decisions to ensure safe levels and destroy harmful pathogens. They can internally store and display average daily chemical readings for up to 10 days but have the capability to wirelessly transmit an infinite amount of data to the Hayward® PoolComm® app. HCC 4000 units come standard with Hayward sensors and an in-line strainer for extra protection—in addition, they come completely assembled for simple installation.



CUSTOMIZABLE CHEMICAL FEED

While most controllers offer fixed or proportional feeds, HCC 4000 controllers feature programmable pH and ORP mixing times so you can set the length and frequency of feed times for more consistent pH and sanitization levels.



REMOTE ACCESS FROM ANYWHERE

HCC 4000 controllers are the only HCC Series controllers that are compatible with the Hayward PoolComm app—meaning you can remotely access, monitor and control your commercial pool water quality from any web-enabled device.



TITLE 22 COMPLIANT

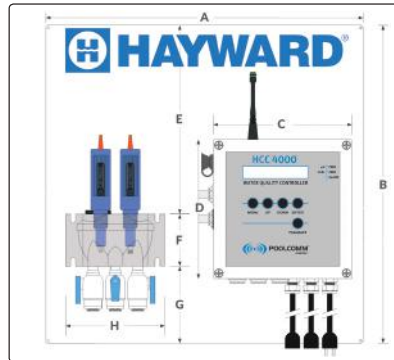
HCC 4000 controllers can calculate derived free chlorine and display PPM—ensuring accurate sanitization output levels from the chemical dispensing system—making them Title 22 compliant in California.

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 / Cl PPM 0-9.99
Flow Cell	Injection molded with integral baffles, in-line strainer included
Backboard	CNC machined and beveled PVC
Flow Sensor	Magnetic with embedded reed switch
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	Automatic/off/manual for 30 minute feed - pH/ORP Proportional feed - pH/ORP Direct feed - pH/ORP Mixing time feed options - pH/ORP Minute direct feed pH feed - acid or base
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	1 year

PART NUMBERS

PART NUMBERS	DESCRIPTION	CARTON	
		QTY	WEIGHT
HCC4000WIFI	HCC 4000 pH and ORP Chemistry Controller with Wi-Fi	1	15 lbs.
HCC4000CELL	HCC 4000 pH and ORP Chemistry Controller—Cell	1	15 lbs.
HCC4000WIFIAU	HCC 4000 pH and ORP Chemistry Controller with Wi-Fi and Gold ORP Sensor	1	15 lbs.
HCC4000CELLAU	HCC 4000 pH and ORP Chemistry Controller—Cell and Gold ORP Sensor	1	15 lbs.



DIMENSIONS

A	16"
B	16"
C	7.0625"
D	7.0625"
E	9.5"
F	2.625"
G	3.875"
H	5"

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 ₂ System	1	7 lbs.



J-BOX



pH/Cl CHEMICAL FEED SYSTEMS



SALINE C SYSTEM

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