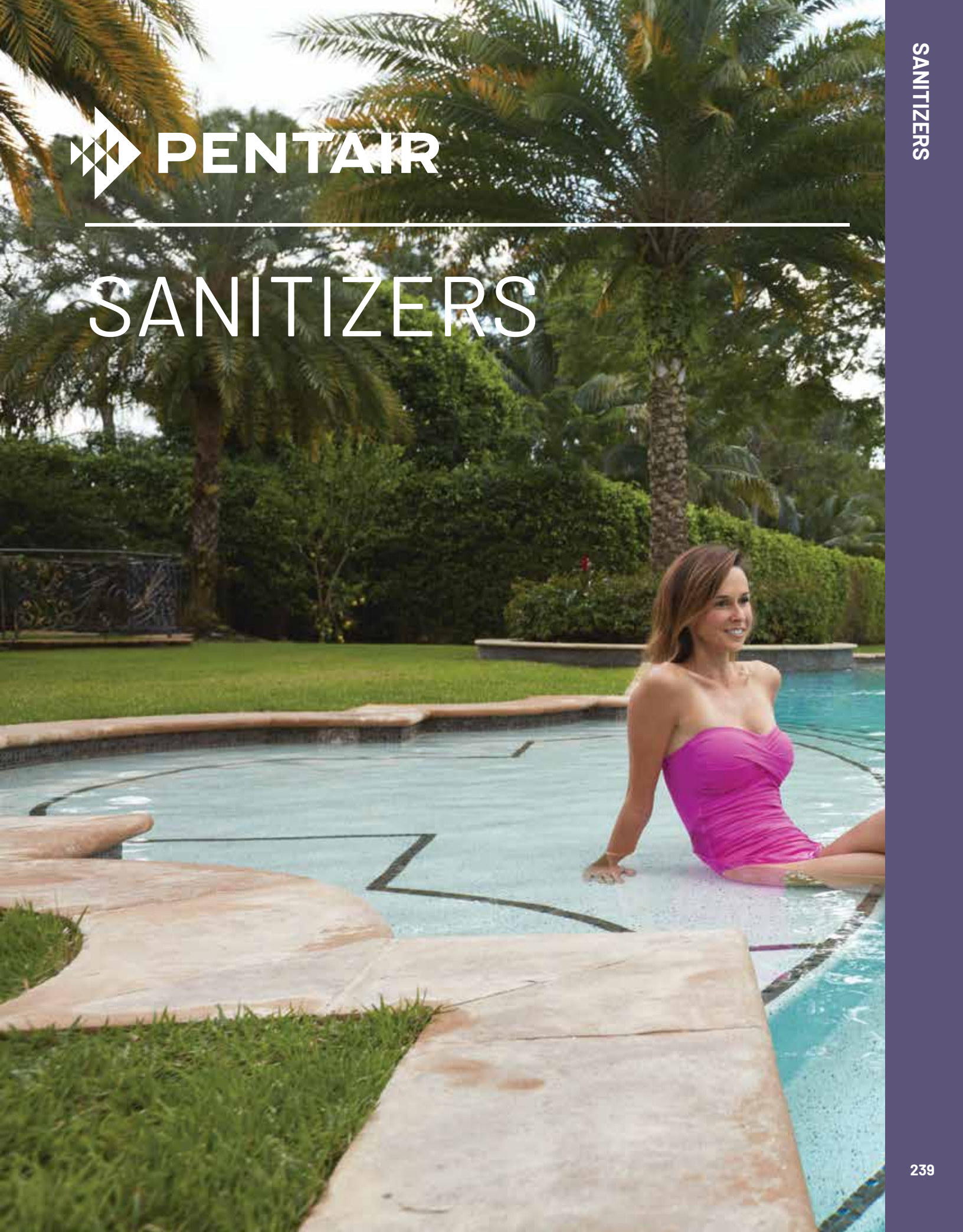




SANITIZERS



iCHLOR[®]

SALT CHLORINE GENERATOR

TRADEGRADE



iChlor Salt Chlorine Generator Cell

Featured Highlights

- Ability to operate at lower flow rates (20 GPM)
- Adjust sanitizing level in one-percent increments from 1-100%
- Real-time data for fast and easy monitoring
- Electronics are isolated in the cell away from high-heat components—for longer electronic component life
- SmartSense™ Flow Detection*, assesses status of the IntelliFlo® Pump before generating chlorine
- SmartSense Cover Detection*¹, reduces chlorine output when automatic pool cover is closed
- Choose from two model sizes based on pool capacity in gallons
- Indoor/Outdoor, vertical/horizontal installation
- 115/230V 50/60Hz Power Center

The chemistry behind the iChlor Salt Chlorine Generator makes it so simple to use—just add salt to generate all the chlorine your pool needs. Our smart technology provides built-in intelligence for unmatched convenience and control.

CALIFORNIA PROPOSITION 65 WARNING

⚠️ **WARNING:** Cancer and Reproductive Harm.
 ⚠️ **AVERTISSEMENT:** Peut Causer le Cancer et des Dommages au Système Reproducteur.
 ⚠️ **ADVERTENCIA:** Cáncer y Daño Reproductivo.

www.p65warnings.ca.gov PN 201713

Ordering Information

Product	Description	Chlorine Per 24 Hours	Carton Qty.	Carton Wt. (Lbs.)
iCHLOR SALT CHLORINE GENERATOR FOR UNITED STATES				
523009	iChlor 30 Cell Only-Retail	1.0 Lbs	1	6
523010	iChlor 15 Cell Only-Retail	0.6 Lbs	1	6
523080	iChlor 15 PWR PCK 110-Bundle	0.6 Lbs	2	11
523081	iChlor 30 PWR CTR Bundle	1.0 Lbs	2	20
iCHLOR SALT CHLORINE GENERATOR FOR CANADA				
523108	iChlor 30 Cell Only-Canada	1.0 Lbs	1	6
523109	iChlor 15 PWR PCK Bundle-Canada	0.6 Lbs	2	11
iCHLOR SALT CHLORINE GENERATOR ACCESSORIES				
523100	Kit-Flow Switch-iChlor Replacement		1	1
523101	Kit-iChlor Adaptor (makes iChlor a direct drop in for IntelliChlor)		1	2
523102	Kit-iChlor Spacer (replaces cell allowing hydraulic system to run)		1	2
523103	Kit-Acid Wash - Stand		1	2
523104	Kit-iChlor 180 Degree Face Label		1	.25
iCHLOR SALT CHLORINE GENERATOR COVER KIT				
523216	Kit- PCBA Upgrade - PC100 - Cover Kit		1	1
ACCESSORIES				
522680Z	iChlor Clear Lid Replacement		1	1

*Only available on iChlor 30 (1.0) models

¹ Requires separately purchased iChlor Cover Kit. Please refer to your pool cover manufacturer for additional instructions.

INTELLICHLOR® SALT CHLORINE GENERATOR

Featured Highlights

- Full diagnostic capabilities, including cell life tracking that communicates remaining hours of cell life in real-time. Captures all performance data daily (production settings, hours of operation, chlorine output, cell cleaning cycles, salt readings, and water temperature averages).
- Automatic shut-off feature protects the unit and prolongs cell life under low water temperature conditions
- On-time cycling helps minimize calcium and scale build-up to maximize cell life
- Ability to communicate with all Pentair Automation systems
- 110 VAC or 220 VAC wiring (110 VAC only for IC15)
- Include 2 in. unions (IC15 unions adapt to 1 ½ in.)
- UL Listed
- Certified to NSF/ANSI 50
- Health Canada approved

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IntelliChlor Salt Chlorine Generator Cell

IntelliChlor Salt Chlorinator uses common table salt to produce all the chlorine a pool needs, effectively, and automatically. Same sanitation performance as manual chlorine addition without the drawbacks. No need for customers to buy, transport and store chlorine compounds.

IntelliChlor Salt Chlorine Generator Power Center is designated **TRADEGRADE**

Ordering Information

Product	Description	Carton Qty.	Carton Wt. (Lbs.)
INTELLICHLOR SALT CHLORINE GENERATOR FOR UNITED STATES			
520888	IntelliChlor IC15 Cell for Smaller Pools (US Version) - includes External Power Supply		
521171	IntelliChlor Replacement External Power Supply for IC15		
520554	IntelliChlor IC20 Cell (US Version)	1	7
520555	IntelliChlor IC40 Cell (US Version)	1	14
521105	IntelliChlor IC60 Cell (US Version)	1	16
520556	IntelliChlor Power Center (US Version)	1	13
INTELLICHLOR SALT CHLORINE GENERATOR FOR CANADA			
522109	IntelliChlor IC15 (Canadian Version)	1	9
520911	IntelliChlor IC20 Cell (Canadian Version)	1	7
520912	IntelliChlor IC40 Cell (Canadian Version)	1	14
520910	IntelliChlor Power Center (Canadian Version)	1	14
INTELLICHLOR SALT CHLORINE GENERATOR ACCESSORIES			
520588	IntelliChlor pass-through cell for winter or start-up	1	3
520595	IntelliChlor replacement unions (contains 2 O-rings, 2 couplers, 2 nuts)	1	1
523103	Kit Acid Wash - Stand	1	2
520734	15 foot extension power cord	1	1
520736	IntelliChlor Flow Switch replacement kit	1	1
521147	IntelliChlor Orings - Pack of Ten	1	1
521248Z	IntelliChlor Power Center fuse holder replacement w/fuse 10A 250V	1	1
521034Z	IntelliChlor Power Center PC100 surge board replacement	1	1
521377	IntelliChlor canister with controller	1	18
521495	IntelliChlor IC15 Replacement Reducer Unions - 2 in. to 1-1/2 in. (contains 2 O-rings, 2 couplers, 2 nuts)	1	1
521633	IntelliChlor Debris Cross Guard - Pack of 5	1	1
522745	IntelliChlor Power Center automotive style fuse replacement (10A/ 58V Mini-blade)	5	1

COMMERCIAL INTELLICHLOR®

SALT CHLORINE GENERATOR



- Need 30 GPM per cell in manifold to trigger flow switch
- Power Centers are mounted on PVC boards and pre-wired for 220 VAC and ORP Controller



Possible Power Center and Manifold Configurations

IntelliChlor Salt Chlorine Generator uses common table salt to produce all the chlorine a pool needs, effectively, and automatically. Same sanitation performance as manual chlorine addition without the drawbacks.

Must use an external ORP Controller. We suggest Commercial IntelliChem Systems.



Featured Highlights

- Each single cell produces up to 2 lbs of chlorine per day
- Color LED status displays
- Performance data captured daily
- Automatic shut-off feature helps protect and prolong cell life
- Pre-mounted multi-power center configuration
- Must be used with an external ORP/pH Controller
- Self-cleaning
- Listed to UL 1563/CSA C22.2 No. 218-1
- Certified to NSF/ANSI 50

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www.p65warnings.ca.gov PN120174A

Ordering Information

PART NUMBER	DESCRIPTION	NUMBER OF PRIMARY (P) AND SECONDARY (S) IC60 CELLS	NUMBER OF PRIMARY POWER CENTERS (520978)	NUMBER OF SECONDARY POWER CENTERS (520556)	CHLORINE PER 24 HRS (LBS.)	POOL VOLUME (GAL) ¹
520970	COMSYS-2	1P	1	0	2	10,000
520971	COMSYS-4	1P, 1S	1	1	4	20,000
520972	COMSYS-6	1P, 2S	1	2	6	30,000
520973	COMSYS-8	1P, 3S	1	3	8	40,000
520974	COMSYS-10	1P, 4S	1	4	10	50,000
520975	COMSYS-12	1P, 5S	1	5	12	60,000
520976	COMSYS-14	1P, 6S	1	6	14	70,000
520977	COMSYS-16	1P, 7S	1	7	16	80,000

¹ Commercial pools typically require 2 lbs. of chlorine production per every 10,000 gallons. Please consult your local codes for chlorine production requirements.

Note: COMSYS-System includes: Primary Cell, Secondary Cells, Primary Power Center, Secondary Power Centers, and the manifold.

* Call factory for sizing Commercial IntelliChlor systems for pools larger than 80,000 gallons.

COMMERCIAL INTELLICHLOR SALT CHLORINE GENERATOR FOR UNITED STATES		
521151	IntelliChlor CIC60P Replacement Primary Commercial Cell	1
521005	IntelliChlor CIC60S Replacement Secondary Commercial Cell	1
520978	IntelliChlor IC60P Replacement Primary Power Center	1
520556	IntelliChlor Replacement Secondary Power Center	1
P104-1	IntelliChlor Surge Board with ORP (Commercial)	1

BIOSHIELD® UV DISINFECTION STERILIZER

Featured Highlights

System Features:

- Housing Material: Heavy-Wall UV Resistant High-Density Polymer
- Housing Pressure (Max.): 50 psi / 3.4 bar
- Housing Inlet/Outlet Port Size: 2", 2.5", or 3" Union
- UV Lamp(s): Low-Pressure High-Output, T6-style
- Highest-quality, low-pressure high-output UV lamps offer 12,000 hours of continuous operation (80% efficient after 12,000 hours)



TRADEGRADE



NSF Recreational Water
CCS-18325

BioShield UV Disinfection Sterilizer falls under the APSP 11 Standard for Commercial Swimming Pools as a Water Conditioning Device.

BioShield residential UV sterilizers feature Low Pressure High Output (LPHO) lamps that offer approximately twice the UV output of standard Low Pressure (LP) lamps with the same arc length. UV vessels are built of a UV-resistant, high density polymer with a removable end cap to provide easy internal access. Viewing ports allow visual indication of lamp status. Units are made with a 5-3/4" diameter housing and have inlet/outlet ports fittings to accommodate 2", 2.5", and 3" plumbing. Ballast comes with a 10' cable to lamp, 6' power cord and 10' cable to flow switch. Flow switch comes with 10' cable. 115V and 230V units are available. Models include an in-line, sealed water-tight power supply for wet applications.

Ordering Information

MODEL	INPUT WATTS	UV-C OUTPUT WATTS	UV VESSEL DIMENSIONS	VOLTAGE	AMPS MAX LOAD	30 MJ/CM ² GPM/LPM	40 MJ/CM ² GPM/LPM	60 MJ/CM ² GPM/LPM
HIGH-OUTPUT STERILIZERS								
522635	50	15	30" x 6"	115/230V	1.15/0.57	31/117	25/94	16/60
522636	80	27	45" x 6"	115/230V	1.15/0.57	56/211	45/170	30/113
522637	120	37	57" x 6"	115/230V	1.15/0.57	79/299	62/234	41/155
522638	150	57	71" X 6"	115/230V	1.85/0.85	128/448	100/378	64/242

PREVIOUS			CURRENT XF						
WATTS	SEAL KITS	BALLAST	SEAL KITS	BALLAST	FLOW SWITCH	4-PIN LAMP CONNECTOR	LAMP SPACER	LAMP	QUARTZ SLEEVE
HIGH-OUTPUT STERILIZER REPLACEMENT PARTS									
50	523031	523032	523383	523460	523458	523034	523423	523035	523039
80	523031	523032	523383	523460	523458	523034	523423	523036	523040
120	523031	523032	523383	523460	523458	523034	523423	523037	523041
150	523031	523033*	523383	523462	523458	523034	523423	523038	523042
150	523031	523053**			523458	523034	523423	523038	523042

* 115V Only
** 230V Only

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COMMERCIAL BIOSHIELD® CLP

UV DISINFECTION STERILIZER



Establishing a healthier swimming facility begins at the pool design stage. Pentair BioShield Commercial lowpressure UV systems helps protect against Giardia, harmful waterborne pathogens and irritating chloramines.

Featured Highlights

- Energy efficient Low Pressure UV converts up to 30-40% energy into UV-C light
- Cost effective UV inhibited Schedule 80 PVC vessels stand up to UV degradation and corrosion caused by pool water
- Conserve free-chlorine by as much as 25% compared to Medium Pressure UV systems
- NSF certified with flow rates up to 2,335 GPM
- Quality American-made, low-pressure Amalgam UV lamps offer up to 12,000 hours of continuous operation
- Low temperature lamps conserve energy and negate the need for quartz sleeve wiper systems
- UL 508 Listed
- Single-end UV lamp and quartz sleeve access for easy servicing
- Choice of input / output piping connections
- Enhanced, state of the art electronic ballast, sized precisely to the lamp's power requirement, ensures optimal UV-C output and maximum useful lamp life
- Most effective and efficient UV-spectral power distribution

Micro-Processor Standard Features

- Touch Screen Interface
- Power Enclosure Over-Temp. Safety Shut-Down
- Vessel Over-Temp. Safety Shut-Down
- Individual Lamp Status and Re-settable Hour Meter
- Master System Hour Meter
- Output Alarm Relay
- UV Intensity Monitor
- Thermoplastic NEMA 12 Enclosure
- External Power Switch
- 20 Foot Lamp Cables
- Enclosure Cooling Fan
- RJ11 Modbus Communication (CLP6 only)



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COMMERCIAL BIOSHIELD® CLP

UV DISINFECTION STERILIZER

SIZING YOUR BIOSHIELD UV SYSTEM

1. Establishing flow rate requirements in GPM is critical to selecting the correct UV system for your application.
2. Know your UVT and dose requirement. UVT is the measure of UV-C light transmittance (254nm) in water. Contaminates and waterborne agents suspended in water will absorb UV light, preventing transmittance. Dose is a factor of UV light intensity and contact time. Pentair calculates two average dose levels for pool applications as follows:

UV Dose	Commercial Application
40 mJ/cm ²	To help the inactivation of most of the Cryptosporidium and other chlorine tolerant pathogens
60 mJ/cm ²	Additional breakdown of chloramines for greatly improved air and water quality.

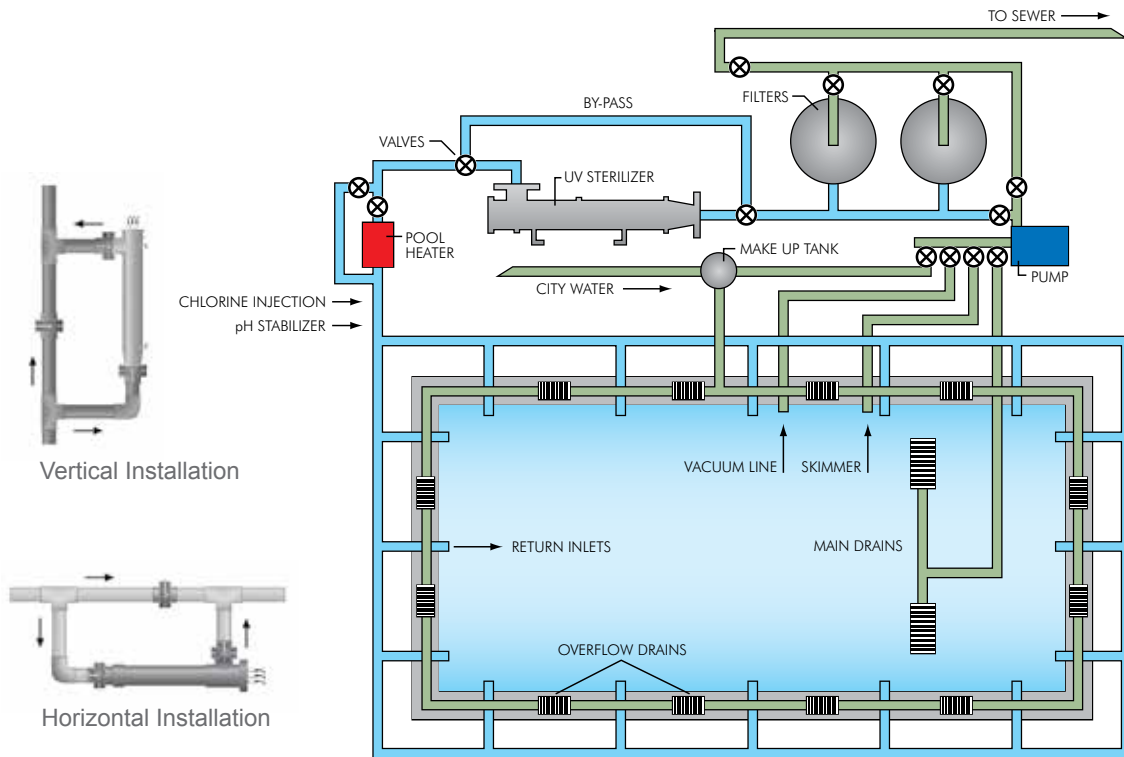
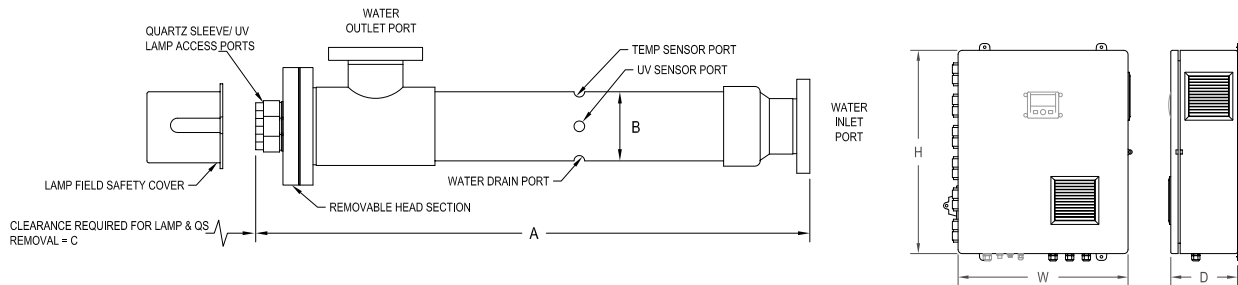
3. Choose your BioShield UV system model. Select desired dose column below. Identify maximum flow rate that meets system flow rate requirement. Complete this step for model CLP4 or CLP6 and with provided vessel and power enclosure dimensions, choose the best model suited for the mechanical space. *Note max flow rate for desired port size on each model.

Model ¹	Lamps/ Watts	Max Flow Rate (GPM) 40 mJ/cm ²	Max Flow Rate (GPM) 60 mJ/cm ²	Port Size ¹	Max. Flow	Amps Max Load	UV Vessel Dimensions ² (A x B x C)	Power Enclosure Dimensions (H x W x D)	Max. PSI
ONLY AVAILABLE IN 120VAC									
CLP41A6-XN	1/130	62	42	2"	64	2.1/1.0	56" x 6"x 47"	24.6" x 20.2" x 10.6"	100
CLP42A6-XN	2/130	105	70	3"	144	3.9/2.0	56" x 6" x 47"	24.6" x 20.2" x 10.6"	100
CLP43A6-XN	3/130	152	101	3"	144	5.8/2.9	56" x 6" x 47"	24.6" x 20.2" x 10.6"	100
				4"	251				
CLP43A8-XN	3/130	225	150	4"	251	5.8/2.9	62" x 8" x 51"	24.6" x 20.2" x 10.6"	100
CLP44A8-XN	4/130	295	196	4"	251	7.5/3.7	62" x 8" x 51"	24.6" x 20.2" x 10.6"	100
				6"	569				
CLP45A8-XN	5/130	350	233	4"	251	9.4/4.7	62" x 8" x 51"	30.5" x 24.9" x 12.6"	100
				6"	569				
CLP46A10-XN	6/130	500	334	6"	569	11.2/5.6	64" x 10" x 51"	30.5" x 24.9" x 12.6"	75
CLP47A10-XN	7/130	585	390	6"	569	13.3/6.5	64" x 10" x 51"	30.5" x 24.9" x 12.6"	75
				8"	996				
CLP47A12-XN	7/130	700	467	6"	569	13.3/6.5	69" x 12" x 51"	30.5" x 24.9" x 12.6"	50
				8"	996				
CLP48A12-XN	8/130	790	525	6"	569	15.0/7.5	69" x 12" x 51"	30.5" x 24.9" x 12.6"	50
				8"	996				
ONLY AVAILABLE IN 240VAC									
CLP61A6-XN	1/320	185	123	3"	144	1.6	85" x 6" x 76"	24.6" x 20.2" x 10.6"	100
				4"	251				
CLP62A6-XN	2/320	325	216	3"	144	3	85" x 6" x 76"	24.6" x 20.2" x 10.6"	100
				4"	251				
CLP63A6-XN	3/320	465	310	3"	144	4.5	85" x 6" x 76"	24.6" x 20.2" x 10.6"	100
				4"	251				
CLP63A8-XN	3/320	660	438	4"	251	4.5	85" x 6" x 76"	24.6" x 20.2" x 10.6"	100
				6"	569				
CLP64A8-XN	4/320	850	566	4"	251	6	85" x 6" x 76"	24.6" x 20.2" x 10.6"	100
				6"	569				
CLP65A8-XN	5/320	1020	678	6"	569	7.5	85" x 6" x 76"	30.5" x 24.1" x 12.6"	100
CLP66A10-XN	6/320	1470	979	6"	569	9	88" x 10" x 76"	30.5" x 24.1" x 12.6"	75
				8"	996				
CLP67A10-XN	7/320	1730	1158	6"	569	11	88" x 10" x 76"	30.5" x 24.1" x 12.6"	75
				8"	996				
CLP67A12-XN	7/320	2080	1385	8"	996	11	90" x 12" x 76"	30.5" x 24.1" x 12.6"	50
				10"	1567				
CLP68A12-XN	8/320	2350	1566	8"	996	13	90" x 12" x 76"	30.5" x 24.1" x 12.6"	50
				10"	1567				
CLP69A14-XN	9/320	2870	1912	12"	2218	14	92" x 14" x 76"	40.4" x 32.5" x 12.6"	50
CLP610A16-XN	10/320	3400	2267	12"	2218	16	94" x 16" x 76"	40.4" x 32.5" x 12.6"	50
				14"	2650				

¹ When ordering: Replace 'X' in part number with requested flange size; eg. '2' for two-inch flange.

² Vessel dimension "C" represents clearance requirement for glassware maintenance.

COMMERCIAL BIOSHIELD® UV DISINFECTION STERILIZER



BioShield UV Sterilizer Installation:

1. Position the BioShield UV Sterilizer after the pool filters so it receives solids-free water. This will assist in neutralizing bacteria and pathogens that cause Recreation Water Illnesses such in pool water, while protecting the quartz sleeves and lamps from potential damage.
2. The NSF-50 certified BioShield UV Sterilizer vessel is equipped with various sensor ports (UV intensity and Water Over-Temperature Protection Sensors). All sensor ports are clearly labeled on the vessel based on their respective function. Additionally, the vessel is equipped with a 1/2" threaded drain port for installation of the Drain Valve Assembly.
3. For horizontal or vertical piping installation, it is recommended to install a piping bypass manifold (as shown) which will allow for BioShield UV Sterilizer removal from the filter-loop without disrupting water flow or filter operation. Isolation Valves are necessary for vessel removal and chemical cleaning procedure.
4. Always install BioShield UV Sterilizer's with the outlet port facing upward, allowing trapped air to escape. Trapped air can result in rupture or heat damage to the vessel.
5. Provide enough space around the electrical end of the BioShield UV Sterilizer to allow for easy removal of the UV lamp and quartz sleeves. A 46" clearance for CLP4 models and 76" clearance for CLP6 models is required.
6. Do not install or operate any UV system without thoroughly reading the operators manual.

COMMERCIAL BIOSHIELD® CVP

UV DISINFECTION STERILIZER

Featured Highlights

System Features:

- Enhanced, state-of-the-art electronic ballast, sized precisely to the lamp's power requirement, ensures optimal UV-C output and maximum "useful lamp life"
- Small footprint: vertical operation reduces required horizontal space
- Cost-effective Schedule 80 solvent welded PVC plastic vessels stand up to corrosive Chlorine environments.
- Single-End UV lamp and quartz sleeve access for easy servicing
- Watertight design protects all electrical hardware from water damage
- Quality American-made, low-pressure Amalgam UV lamps offer up to 12,000 hours of continuous operation
- Choice of inlet/outlet port styles
- Included Over-Temp System Shutdown Sensor shuts down the lamp field to avoid damage when water temperature inside the vessel exceeds 120° F
- 20-foot lamp cables



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When operating space is restricted, our vertical BioShield UV Systems provide the small footprint you need. These vertical models feature single-end, top-loading quartz sleeve(s) to minimize space required and maximize serviceability. Each model is extremely durable and features a corrosion-resistant remote power supply enclosure and UV vessel. All models are designed to deliver optimum UV performance by utilizing the UV lamp's UV-C output to its maximum potential. BioShield UV Systems are water-tight and designed for indoor/outdoor use. Each model is equipped with a flanged base for easy installation. Unit can also be installed horizontally.

Ordering Information

Model (120/240 VAC)	Lamps/Watts	Max Flow Rate (GPM) 40 mJ/cm ²	Max Flow Rate (GPM) 60 mJ/cm ²	Port Size	Max. Flow ²	Amps Max Load @ 120/240 VAC	UV Vessel Dimensions ¹ (A x B x C)	Power Enclosure Dimensions (H x W x D)	Max. PSI
522904/523171	1/130	62	42	2"	64	2.1/1.0	56" x 6" x 47"	24.6" x 20.2" x 10.6"	50
522918/523175	2/130	105	70	3"	144	3.9/2.0	56" x 6" x 47"	24.6" x 20.2" x 10.6"	50
522919/523178	3/130	152	101	3"	144	5.8/2.9	56" x 6" x 47"	24.6" x 20.2" x 10.6"	50
522932/523179				4"	251				
522920/523181	3/130	225	150	4"	251	5.8/2.9	62" x 8" x 51"	24.6" x 20.2" x 10.6"	50
522921/523184	4/130	295	196	4"	251	7.5/3.7	62" x 8" x 51"	24.6" x 20.2" x 10.6"	50
522934/523185				6"	569				
522922/523187	5/130	350	233	4"	251	9.4/4.7	62" x 8" x 51"	30.5" x 24.9" x 12.6"	50
522935/523188				6"	569				
522923/523190	6/130	500	334	6"	569	11.2/5.6	64" x 10" x 51"	30.5" x 24.9" x 12.6"	50
522924/523193	7/130	585	390	6"	569	13.3/6.5	64" x 10" x 51"	30.5" x 24.9" x 12.6"	50
522937/523194				8"	996				
522912/523195	7/130	700	467	6"	569	13.3/6.5	69" x 12" x 51"	30.5" x 24.9" x 12.6"	50
522925/523196				8"	996				
522913/523197	8/130	790	525	6"	569	15.0/7.5	69" x 12" x 51"	30.5" x 24.9" x 12.6"	50
522926/523198				8"	996				

¹ Vessel dimension "C" represents clearance requirement for glassware maintenance

² When selecting a port size, be sure the system flow rate will never exceed "Max. Flow for Port Size"

PENTAIR AUTOMATIC CHLORINE/BROMINE FEEDERS



Pentair Chlorine and Bromine Feeders

Years of customer use and satisfaction have proven Pentair feeders to be the performance leader in pool & spa chemical dispensers.

Featured Highlights

- 300 and 320 series feeders available in clear amber for easy tablet level monitoring
- Completely enclosed system – no special venting required
- No escaping gases
- 50 PSI maximum operating pressure

In-Line Feeders

- **320 Series.** For permanent installation in return line of new or existing pools or spas. Installs in return line on pressure side of pump downstream of all equipment. Standard with 2 in. slip PVC fittings and adapters for 1-1/2 in.

Off-Line Feeders

- **300 Series.** Retrofits into existing pools or spas. Operates on pressure side of pump. Uses 1/4 in. feeder hoses, control valve and fittings.

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Ordering Information

Product	Model	Description	Carton Qty.	Carton Wt. (Lbs.)
IN-LINE FEEDERS				
R171096 ¹	320	Holds 11 large or 98 small Bromine or slow dissolving Trichlor tablets. Treats 6,500 to 27,000 gallons bottom feed and 18,000 to 70,000 gallons top feed.	1	30
R171218 ¹	320C	Holds 11 large or 98 small Bromine or slow dissolving Trichlor tablets. Treats 6,500 to 27,000 gallons in a bottom feed configuration and 18,000 to 70,000 gallons in a top feed configuration with see-through amber body.	1	30
OFF-LINE FEEDERS				
R171016 ¹	300	Holds 11 large or 98 small tablets. Treats 12,000 to 48,000 gallons.	1	26
R171022 ¹	300C	Holds 11 large or 98 small tablets. Treats 12,000 to 48,000 gallons with see-through amber body.	1	26
R171026	302	Spa feeder. Includes spa chamber. Treats 500 to 2,000 gallons. Holds 15 small tablets.	1	28
R171056 ¹	300-19	Spa feeder includes double-capacity 19 in. chamber. Treats 13,000 to 52,000 gallons.	1	5
R171066 ¹	300-29	Spa feeder includes triple-capacity 29 in. chamber. Treats 14,000 to 57,000 gallons.	1	6
COMMERCIAL AND HIGH CAPACITY FEEDERS				
R171070 ¹	300-29X	Heavy duty 1/2 in. control valve and tubing optimizes flow and erosion to provide larger amounts of sanitizer. Dispenses 8.5 lbs. of 1 in. Trichlor Tablets in 24 hours. Holds 29 large or 237 small tablets. Treats 80,000 to 322,000 gallons.	1	8
R171215 ¹	HC-3315	High capacity for 1 in. hard plumbing installations. Holds 15 lbs. of tablets. Treats up to 20,200 gallons with Bromine and up to 97,600 gallons with Trichlor.	1	9
R171230 ¹	HC-3330	High capacity for 1 in. hard plumbing installations. Holds 30 lbs. of tablets. Treats up to 40,000 gallons with Bromine and up to 160,000 gallons with Trichlor.	1	12
R171240 ¹	HC-3340	High capacity for 1 in. hard plumbing installations. Holds 40 lbs. of tablets. Treats up to 61,000 gallons with Bromine and up to 332,000 gallons with Trichlor.	1	14

Note: Pentair Automatic Chlorine/Bromine feeders are for use with slow dissolving trichlor or bromine tablets only.

AUTOMATIC FEEDER ACCESSORIES



In-line Check Valves & Flow Indicators

Standard In-line Check Valves/By-pass Valves

Use where harsh chemical environment is not expected.

Silicone Lubricant

Excellent for use on rubber seals, gaskets, and o-rings in contact with plastics and metals where binding and corrosion occur.

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Extensions

Optional extensions will increase tablet capacity to your 300 or 320 Series Chemical Feeder.

Corrosion Resistant In-line Check Valves

Corrosion resistant spring actuated check valves for use with feeders to check the backflow of chemical preventing corrosion problems and damage. Can be mounted in any position.

Ordering Information

Product	Description	Carton Qty.	Carton Wt. (Lbs.)
EXTENSIONS			
R172087	10 in. Extension doubles capacity	Bulk	
R172283	20 in. Extension triples capacity	Bulk	
FLOW INDICATING DEVICES			
R172080Z	Flow Indicating Device. Clear polycarbonate with indicating ball. Flow rate of 0 to 1 gpm. Designed for 1/4 in. inline pipe thread. Includes check valve.	Bulk	
R172082	Flow Rate Indicator. For high rate feeders with 1 in. feed lines.	Bulk	
R172276	Commercial Flow Indicator for use with 320, 322, 300-29X or feeders with 1/2 in. feed lines.	Bulk	
R172627	Corrosion Resistant Flow Indicator Kit. For new installations of 300-29X. Includes flow indicator. Saddle clamp, fittings and 1/2 in. corrosion resistant check valve.	Bulk	
CORROSION RESISTANT IN-LINE CHECK VALVES			
R172288	Check Valve 1-1/2 in. or 2 in. Slip, 2 lb. spring	Bulk	
R172323	Check Valve 1/4 in. tube x tube	Bulk	
R172324	Check Valve 1/2 in. tube x tube	Bulk	
R172324NS	Special check valve for outward flow on 300-29X below water installations. 1/2 in. tube x tube check valve (ball)	Bulk	
STANDARD IN-LINE CHECK VALVES/BY-PASS VALVES			
R172305	By-pass Valve (1-1/2 in. or 2 in.) 12 lb. spring, slip fittings	Bulk	
R172316	Check Valve (1-1/2 in. or 2 in.) 1/2 in. spring, slip fittings. Great for blowers.	Bulk	

Product	Description	Carton Qty.	Carton Wt. (Lbs.)
FEEDER KITS			
200013	300 & 320 Replacement Kit. Includes: saddle clamp, saddle gasket, and saddle tube fitting. Bubble pack	12	5
200014	300-29X Replacement Kit. Includes: saddle clamp, saddle gasket, and saddle tube fitting. Bubble pack.	12	5
SILICONE LUBRICANT			
R172036Z	3/4 ounce	Bulk	
R172351	3/4 ounce, in counter display	30	3
TUBING AND MISCELLANEOUS PARTS			
200017	Compression nut for 300 Series. Bubble pack.	12	3
R171099	Hi-Flo Kit for 320 and 322. Allows greater dispensing rate. Includes 6 ft. of 1/2 in. i.d. tubing, 1/2 in. check valve and all fittings.	Bulk	
R172037	Spa Chamber for 300, 302, 320	Bulk	
R172093	5/8 in. o.d. x 1/2 in. i.d. Sold in roll.	100 ft. Roll	
R172258	Spa Chamber for 322	Bulk	
R172367	Winterizing or Isolation Plug. Attaches to control valve of 300, 302, 300-19 or 300-29	Bulk	
R18754	3/8 in. o.d. x 1/4 in. i.d. Sold in roll.	100 ft. Roll	



Feeder Extensions



Silicone Lubricant

See page 536 for replacement parts

PENTAIR AUTOMATIC CHLORINE/BROMINE SIZING CHART

Model	Chamber Capacity				Maximum Erosion in 24 Hours ¹	Treats Pool/Spa Size			H	W	D	Service Clearance for Lid Removal
	1 in. Tablet		3 in. Tablet			@ 10 ppm	@ 5 ppm	@ 2-1/2 ppm				
	Qty.	Wt.	Qty.	Wt.								
AUTOMATIC CHLORINE/BROMINE SIZING CHART												
#300 ¹	98	3.5 lbs.	11	4.8 lbs.	1.19 lbs.	11,900	23,800	47,600	21 in.	7 in.	12 in.	22-1/4 in.
#302 with spa chamber ¹	15	0.5 lbs.	—	—	0.5 lbs.	500	1,000	2,000	21 in.	7 in.	12 in.	22-1/4 in.
#300-19 ¹	153	5.5 lbs.	20	8.8 lbs.	1.30 lbs.	13,000	26,000	52,000	28-1/2 in.	7 in.	12 in.	29-3/4 in.
#300-29 ¹	237	9.8 lbs.	29	12.7 lbs.	1.41 lbs.	14,100	28,200	56,400	38-1/2 in.	7 in.	12 in.	39-3/4 in.
#300-29X ¹ commercial model	237	9.8 lbs.	29	12.7 lbs.	8.05 lbs.	80,500	161,000	322,000	38-1/2 in.	7 in.	12 in.	39-3/4 in.
#320 bottom feed ¹	98	3.5 lbs.	11	4.8 lbs.	0.67 lbs.	6,700	13,400	26,800	17-3/4 in.	5 in.	10 in.	19 in.
#320 top feed ¹	98	3.5 lbs.	11	4.8 lbs.	1.75 lbs.	17,500	35,000	70,000	17-3/4 in.	5 in.	10 in.	19 in.

WITH 10 in. FEEDER EXTENSION ON #300 – REFER TO #300-19, max. height 11 in.6 PPM-COMMERCIAL POOLS & SPAS

WITH 20 in. FEEDER EXTENSION ON #300 – REFER TO #300-29, max. height 21 in.3 PPM-RESIDENTIAL POOL & SPAS

¹ Based on use of 1 in. Trichlor in 24 hours. Use of 3 in. tablets or sticks or bromine tablets will lower results. For 8 hour turnover divide by 3.

Note: This chart is only a suggested guide. Consult your local authority to determine their guidelines if needed. Results may vary due to pool/spa equipment and many other factors.

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PENTAIR HIGH CAPACITY CHLORINE/BROMINE SIZING CHART

Model	Capacity	Maximum Erosion In 24 Hours		Treats Pool/Spa Size In Gallons Per 24 Hours		H	W	D	Service Clearance
		Chlorine	Bromine	Chlorine (10 ppm)	Bromine (10 ppm)				
HC3315	15 lbs.	29.28 lbs.	13.68 lbs.	97,600	20,200	21-1/2 in.	8 in.	15 in.	22 3/4 in.
HC3330	30 lbs.	48.00 lbs.	27.60 lbs.	160,000	40,900	39-1/8 in.	8 in.	15 in.	40-3/8 in.
HC3340	40 lbs.	99.60 lbs.	41.52 lbs.	332,000	61,500	49 3/4 in.	8 in.	15 in.	51 in.

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