



SANITIZERS[‡]

[‡]“Sanitizer” is an industry term of art and is not intended to imply any antimicrobial capabilities.

iCHLOR®

SALT CHLORINE GENERATOR

TRADEGRADE



iChlor Salt Chlorine Generator Cell

Featured Highlights

- Ability to operate at low flow rates (20 GPM)
- Adjust levels 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 long 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
- EPA number 102540-CA-2

The chemistry behind the iChlor Salt Chlorine Generator makes it so simple to use—just add salt to generate 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
PR201713

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

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

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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 prolongs cell life under low water temperature conditions
- 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
- EPA number 102540-CA-2



IntelliChlor Salt Chlorine Generator Cell

IntelliChlor Salt Chlorinator uses common table salt to produce all the chlorine a pool needs, effectively, and automatically. No need for customers to buy, transport and store chlorine compounds.

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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 |

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QUIKPURE3® OZONE SYSTEM COMPLETE

Featured Highlights

- Convenient dual voltage design (110v or 220v) and plug-in UV bulb
- Available in 25,000- and 50,000-gallon capacity units
- EPA number 102540-AZ-1



QuikPure3 25,000 Gallon
(Stand Pipe)

Pentair's QuikPure3 reduces cleaning maintenance resulting in reduced harsh chlorine smell, red eyes and itchy skin.*

Ordering Information

| Product | Product Name & Description |
|---------|--|
| 381100 | QuikPure3 25,000 Gallon (Stand Pipe) |
| 381250 | QuikPure3 50,000 Gallon (Stand Pipe) |
| 383101 | QuikPure3 25,000 Gallon (No Stand Pipe) |
| 383201 | QuikPure3 50,000 Gallon (No Stand Pipe) |
| 381110 | QuikPure3 25,000 Gallon (Stand Pipe) 6 Pack |
| 381210 | QuikPure3 50,000 Gallon (Stand Pipe) 6 Pack |
| 383110 | QuikPure3 25,000 Gallon (No Stand Pipe) 6 Pack |
| 383220 | QuikPure3 50,000 Gallon (No Stand Pipe) 6 Pack |

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PN020714A

*<https://www.cdc.gov/healthywater/swimming/swimmers/rwi/chemical-irritants.html>

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QUIKPURE3® OZONE SYSTEM

PARTS & ACCESSORIES



QuikPure3 4-Pin Lamp
(1-25 Or 2-50)



QuikPure3 Ballast
(1-25 Or 2-50)



QuikPure3 Auto Feed Kit



QuikPure3 Micro Switch
Pin Plunger



QuikPure3 Orifice Check
Valve Assembly



QuikPure3 Air Bleed Kit



Ozone Injector Manifold
with Tubing Kit



Ozone Injector
Manifold Tubing Kit
with Check Valve

Ordering Information

| Product | Product Name & Description |
|---------|---|
| 391270 | QuikPure3 4-Pin Lamp (1-25 or 2-50) |
| 391205 | QuikPure3 Ballast (1-25 or 2-50) |
| 391060 | QuikPure3 Auto Feed Kit |
| 391050 | QuikPure3 Micro Switch Pin Plunger |
| 391034 | QuikPure3 Orifice Check Valve Assembly |
| 391001 | QuikPure3 Air Bleed Kit |
| 391130 | QuikPure2 Ballast 25 (Old Style) |
| 391230 | QuikPure2 Ballast 50 (Old Style) |
| 399150 | Ozone Injector Manifold with Tubing Kit |
| 399180 | Ozone Injector Manifold Tubing Kit with Check Valve |

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www.p65warnings.ca.gov PN2017A

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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.

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 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
- EPA number 102540-CA-2

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www.p65warnings.ca.gov PN10017A

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 |

For replacement parts please call Technical Service at 1-800-831-7133.

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BIOSHIELD® UV SYSTEM

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
- EPA number 091668-FL-001



TRADEGRADE



NSF Recreational Water
CCS-18325

BioShield UV System is listed under NSF as a Water Conditioning Device.

BioShield UV system 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 | | | | | | | | |
| 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 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

ACCESSORIES

523098 Clamp Kit

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www.p65warnings.ca.gov

See page 560 for replacement parts or call
 Technical Service at 1-800-831-7133.



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COMMERCIAL BIOSHIELD® CLP UV SYSTEM



Establishing a healthy swimming facility begins at the pool design stage. Pentair BioShield Commercial low pressure UV systems help to achieve a more enjoyable swimming experience.

Featured Highlights

- Efficient Low Pressure UV converts up to 30-40% energy into UV-C light
- UV inhibited Schedule 80 PVC vessels stand up to UV degradation and corrosion caused by pool water
- NSF certified with flow rates up to 2,335 GPM
- Quality, low-pressure Amalgam UV lamps
- 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
- EPA number 091668-FL-001

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



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www.p65warnings.ca.gov P65.00114

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COMMERCIAL BIOSHIELD® CLP UV SYSTEM

-sizing your bioshield UV system

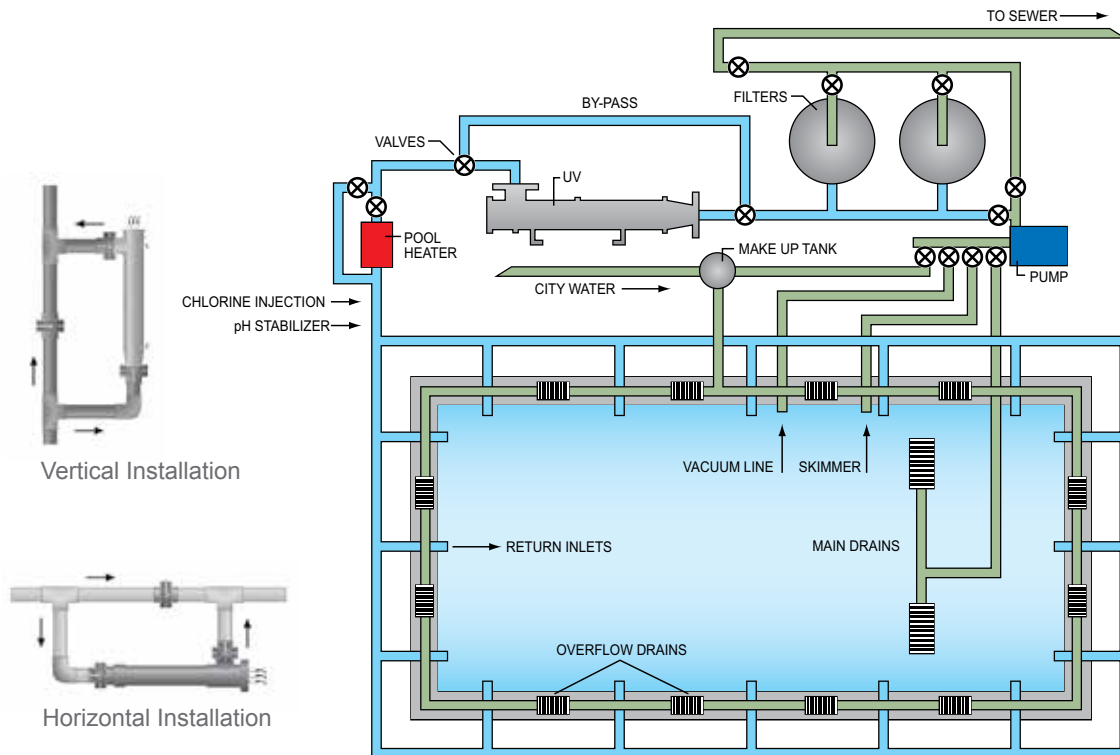
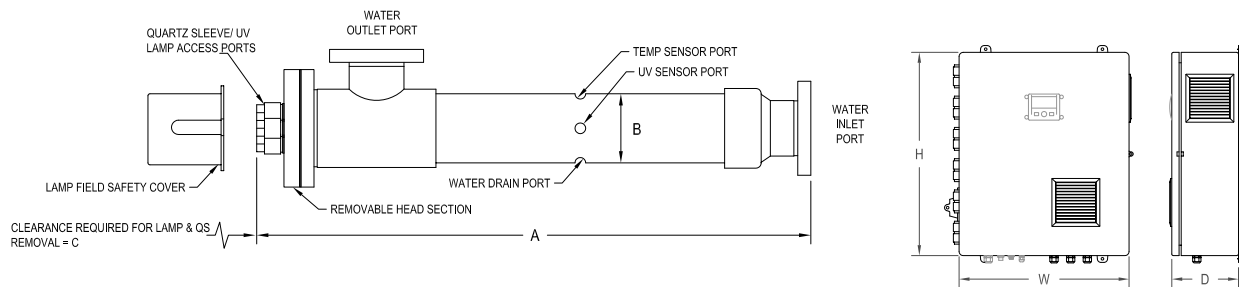
1. Establishing flow rate requirements in GPM is critical to selecting the correct UV system for your application.
2. Know your UVT and dose requirement. UVT is the measure of UV-C light transmittance (254nm) in water. Dose is a factor of UV light intensity and contact time.
3. Choose your BioShield 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 SYSTEM



BioShield UV System Installation:

1. Position the BioShield UV System after the pool filters so it receives solids-free water.
2. The BioShield UV 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 System 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 System'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 System 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.

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COMMERCIAL BIOSHIELD® CVP UV SYSTEM

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
- UV inhibited Schedule 80 PVC vessels stand up to UV degradation and corrosion caused by pool water
- Single-End UV lamp and quartz sleeve access for easy servicing
- Watertight design protects all electrical hardware from water damage
- 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
- EPA number 091668-FL-001



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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 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 VAC | UV Vessel Dimensions ¹ (A x B x C) | Power Enclosure Dimensions (H x W x D) | Max. PSI |
|-----------------|-------------|---|---|-----------|------------------------|-------------------------|---|--|----------|
| 522904 | 1/130 | 62 | 42 | 2" | 64 | 2.1 | 56" x 6" x 47" | 24.6" x 20.2" x 10.6" | 50 |
| 522918 | 2/130 | 105 | 70 | 3" | 144 | 3.9 | 56" x 6" x 47" | 24.6" x 20.2" x 10.6" | 50 |
| 522919 | 3/130 | 152 | 101 | 3" | 144 | 5.8 | 56" x 6" x 47" | 24.6" x 20.2" x 10.6" | 50 |
| 522932 | | | | 4" | 251 | | | | |
| 522920 | 3/130 | 225 | 150 | 4" | 251 | 5.8 | 62" x 8" x 51" | 24.6" x 20.2" x 10.6" | 50 |
| 522921 | 4/130 | 295 | 196 | 4" | 251 | 7.5 | 62" x 8" x 51" | 24.6" x 20.2" x 10.6" | 50 |
| 522934 | | | | 6" | 569 | | | | |
| 522922 | 5/130 | 350 | 233 | 4" | 251 | 9.4 | 62" x 8" x 51" | 30.5" x 24.9" x 12.6" | 50 |
| 522935 | | | | 6" | 569 | | | | |
| 522923 | 6/130 | 500 | 334 | 6" | 569 | 11.2 | 64" x 10" x 51" | 30.5" x 24.9" x 12.6" | 50 |
| 522924 | 7/130 | 585 | 390 | 6" | 569 | 13.3 | 64" x 10" x 51" | 30.5" x 24.9" x 12.6" | 50 |
| 522937 | | | | 8" | 996 | | | | |
| 522912 | 7/130 | 700 | 467 | 6" | 569 | 13.3 | 69" x 12" x 51" | 30.5" x 24.9" x 12.6" | 50 |
| 522925 | | | | 8" | 996 | | | | |
| 522913 | 8/130 | 790 | 525 | 6" | 569 | 15.0 | 69" x 12" x 51" | 30.5" x 24.9" x 12.6" | 50 |
| 522926 | | | | 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"

For replacement parts please call Technical Service at 1-800-831-7133.

†"Sanitizer" is an industry term of art and is not intended to imply any antimicrobial capabilities.

QUIK DEKCLOR POOLSIDE CHLORINE FEEDER COMPLETE



DekClor Dark Gray Complete

Featured Highlights

- Innovative design allows for easy adjustment to compensate for swimmer load and pool conditions
- Compatible with multiple chlorine tab sizes
- Includes internal locking safety lid
- Available in multiple lid colors

Delivering chlorine directly into your pool, Quik DekClor helps to prevent chemical wear and tear on your pump motor and filtering systems. The Quik DekClor has specially engineered inlets create an even water flow around chlorine tabs, which aids in the consistent disbursement of chemicals into the pool.

Ordering Information

| Product | Product Name & Description |
|---------------------------------|---|
| DEKCLOR WITHOUT PROTECTA | |
| 383007 | DekClor Tan Complete |
| 383001 | DekClor White Complete |
| 383003 | DekClor Dark Gray Complete |
| 383002 | DekClor Light Gray Complete |
| DEKCLOR WITH PROTECTA | |
| 385007 | DekClor Tan |
| 385001 | DekClor White |
| 385003 | DekClor Dark Gray |
| 385002 | DekClor Light Gray |
| DEKCLOR WITHOUT RING LID | |
| 385012 | DekClor without Ring Lid, with Protecta |
| 383200 | DekClor without Ring Lid, no Protecta |

CALIFORNIA PROPOSITION 65 WARNING

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DEKCLOR POOLSIDE CHLORINE FEEDER

PARTS & ACCESSORIES



DekClor Lid White, Tan, Dark Gray, & Light Gray



DekClor Start Up Kit



DekClor Start Up Kit with Safety Plate

Ordering Information

| Product | Product Name & Description |
|---------------------------|--|
| DEKCLOR COMPONENTS | |
| 542496 | DekClor Lid White |
| 542500 | DekClor Lid Tan |
| 542499 | DekClor Lid Dark Gray |
| 542498 | DekClor Lid Light Gray |
| 391800 | DekClor Start Up Kit |
| 391900 | DekClor Safety Plate with Lock (Old Style) |
| 391010 | DekClor Start Up Kit with Safety Plate |

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PENTAIR AUTOMATIC CHLORINE/BROMINE FEEDERS



Pentair Chlorine and Bromine Feeders

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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www.p65warnings.ca.gov PH202114

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. 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.

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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.

Extensions

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

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www.p65warnings.ca.gov PH 202114

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 | |



Silicone Lubricant



Feeder Extensions

See page 561 for replacement parts

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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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