

SUPERFLO® VST

VARIABLE SPEED PUMP

TRADEGRADE



SuperFlo VST Variable Speed Pump

Featured Highlights

- TEFC motor, can adapt to 115V to 230V or 50hz or 60hz power with no special wiring or switching
- Improved mechanical seal for long, dependable performance
- Simple, easy-to-use digital control keypad with three programmable speeds, override capability, and a real-time, 24 hour clock
- Easy to access electrical connections for simple installation
- Ideal for new and standard pool pump replacement for pools requiring up to a 1.5 HP pump
- SuperFlo pumps by Pentair are a direct replacement for the Hayward® Super Pump®*

The SuperFlo VST Variable Speed Pump features sophisticated technology in a simple to operate pump. Designed for the practical pool owner, the SuperFlo VST pump has a dependable and robust Totally Enclosed Fan Cooled motor and can adapt to 115V to 230V and 50hz or 60hz power with no special wiring or swiching.

Ordering Information

Product	THP	WEF	HHP	Service Factor	Voltage	Frequency	Current	Port Size	Weight	Certifications ³
SUPERFLO VST VARIABLE SPEED										
342002	2.2	9.0	1.08	1.0	115/208-230	50/60	13.6/8.0-7.1	1.5" x 1.5"	53	UL ¹ , NSF ²
ACCESSORIES										
356324Z	External Control Wiring Kit									
356197	Chemical/Salt/Ozone Resistant EPDM & SS Seal Quick Kit (for pumps Mfg. before June 2019)									

¹ 'UL' indicates that pump bears a UL mark signifying evaluation to U.S. Standards UL1081 for Permanently Connected Swimming Pool and Spa Pumps and to Canadian Standards CAN/CSA C22.2 No. 108-01 Liquid Pumps For Swimming Pools Only (Enclosure 3). UL 60730 Compliant.

² 'NSF' indicates that pump bears a mark signifying evaluation to NSF Standard 50 For Self-Priming Centrifugal Pumps For Swimming Pools Only.

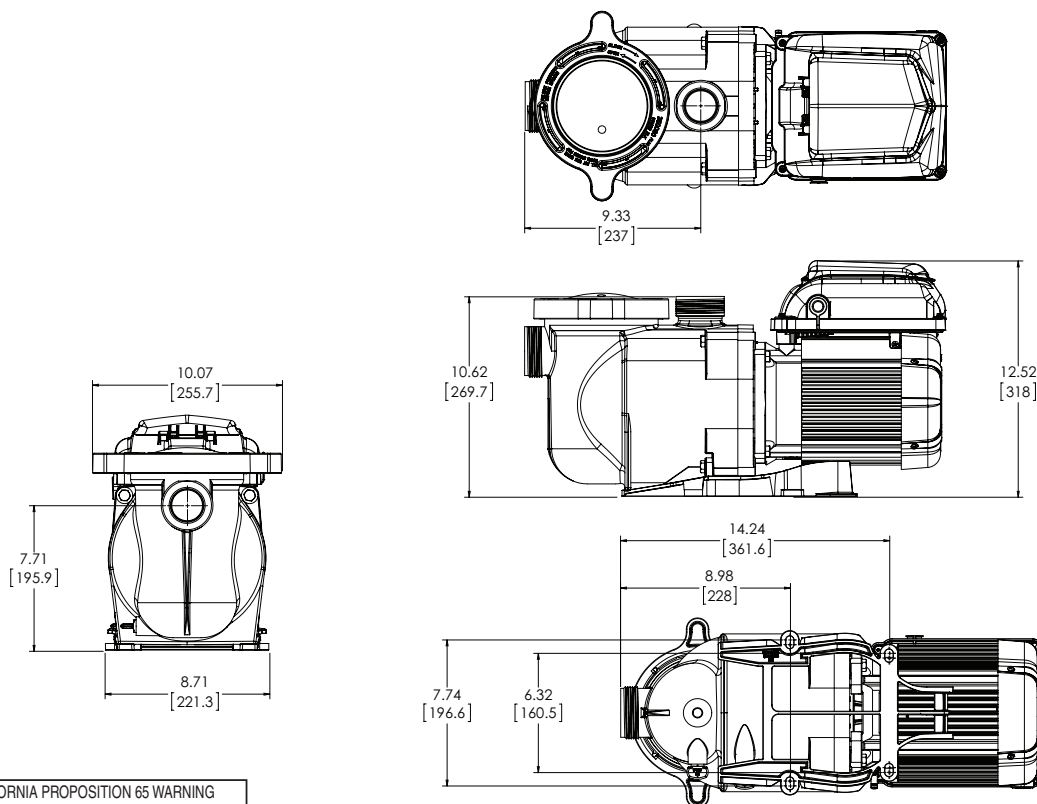
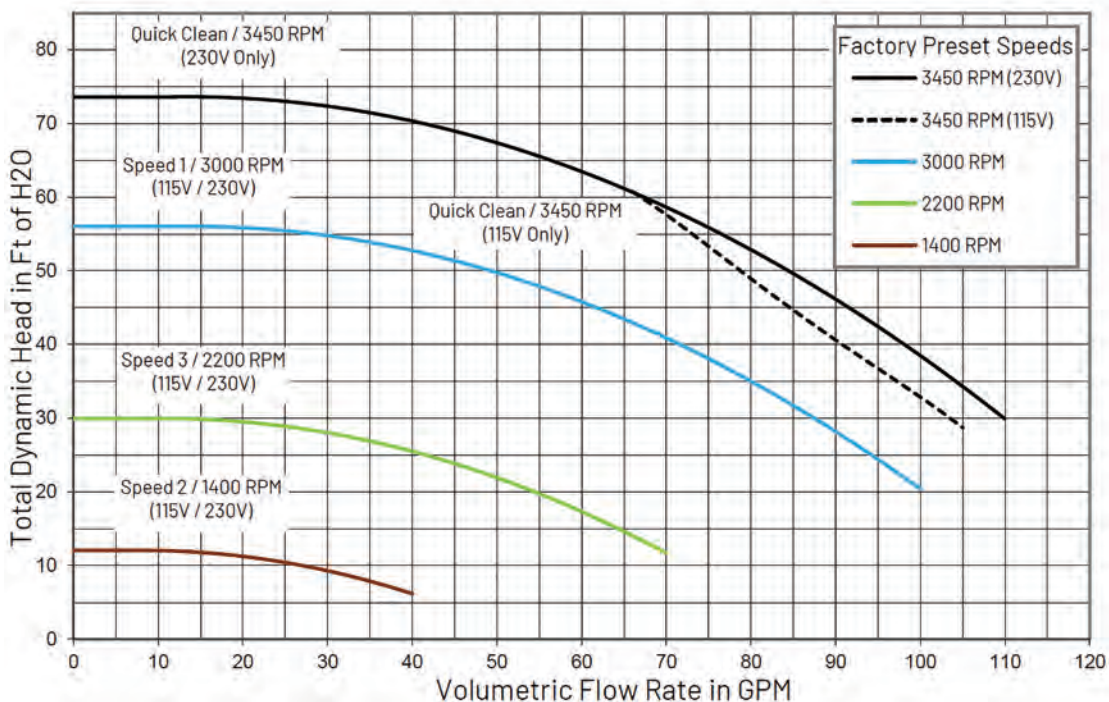
³ Product may have been evaluated to other state and local regulatory standards. Listing status may change. Always confirm status with appropriate agency if in doubt.

* Hayward® and Super Pump® are registered trademarks of Hayward Industries, Inc.

SUPERFLO® VST

VARIABLE SPEED PUMP (CONT'D)

Dimensions and Performance



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

SEE PAGE 427 FOR REPLACEMENT PARTS

SUPERFLO®

HIGH-PERFORMANCE PUMPS

TRADEGRADE



SuperFlo Pump

SuperFlo pumps feature thick walled body parts, a heavy-duty 56 square flange motor, and highly engineered hydraulics. SuperFlo pumps' silent running capability and small footprint allow it to easily drop into a compact equipment pad.

Featured Highlights

- SuperFlo pump by Pentair Aquatic Systems is a direct replacement for the Hayward® Super Pump® *
- Extremely quiet operation
- Unionized fittings included (1-1/2 in. internal slip and 2 in. external slip)
- Cam and Ramp™ Lid
- Heavy-duty, high service factor 56 square flange motor
- Integral volute and pot reduce hydraulic noise

Ordering Information

Product	Rated HP	THP	WEF	HHP	Service Factor	Voltage	Frequency	Current	Port Size	Weight	Certifications ³	Curve Key
DOE COMPLIANT SINGLE-SPEED TEFC												
348190	N/A	1.1	3.6	0.63	1.00	115/208-230	60	10.5/5.4-5.4	1.5" x 1.5"	50	UL ¹ , NSF ²	B
ENERGY EFFICIENT SINGLE-SPEED - NOT FOR SALE IN THE USA												
348022-INT	3/4	0.95	N/A	N/A	1.00	115/208-230	60	8.8/4.5-4.4	1.5" x 1.5"	44	UL ¹ , NSF ²	A
TEFC SINGLE-SPEED - NOT FOR SALE IN THE USA												
348144-INT	1	1.65	N/A	N/A	1.00	115/208-230	60	15.1/8.5-7.7	1.5" x 1.5"	50	UL ¹ , NSF ²	C
348145-INT	1-1/2	2.21	N/A	N/A	1.00	208-230	60	10.3-9.1	1.5" x 1.5"	53	UL ¹ , NSF ²	D
348146-INT	2	2.60	N/A	N/A	1.00	208-230	60	11.7-10.3	1.5" x 1.5"	58	UL ¹ , NSF ²	E
ACCESSORIES												
351157	Union Kit – 1-1/2 in. Internal Slip x 2 in. External Slip (includes 2 unions as pictured above)											
356197	Chemical/Salt/Ozone Resistant EPDM & SS Seal Quick Kit											

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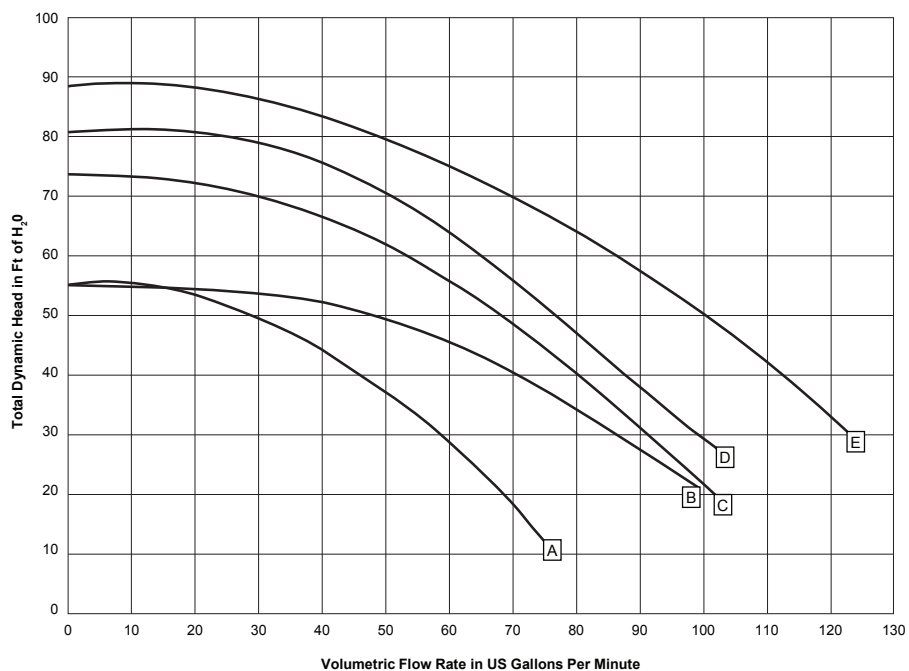
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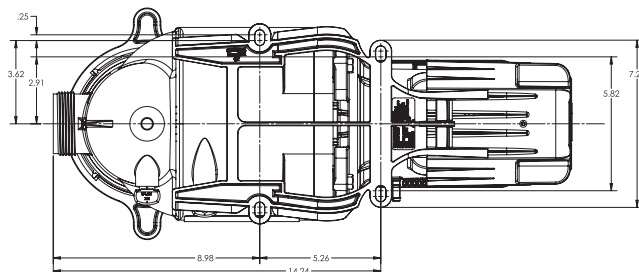
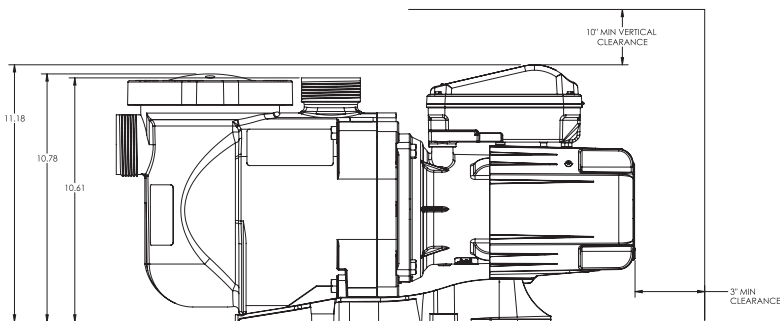
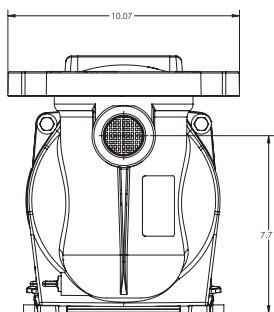
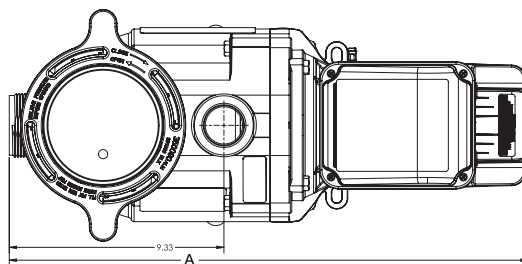
SUPERFLO®

HIGH PERFORMANCE PUMPS (CONT'D)

Dimensions and Performance



A- VARYING LENGTH			
HP	EE	TEFC	DOE Compliant
0.5	24.64	—	—
0.75	24.64	—	—
1	—	22	—
1.1	—	—	22.55
1.5	—	22.45	—
2	—	22.9	—



SEE PAGE 427 FOR REPLACEMENT PARTS

INTELLIPRO3® VSF

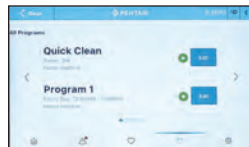
VARIABLE SPEED AND FLOW POOL PUMP



TRADEGRADE



Optional touchscreen
for more flexible control.



Featured Highlights

- Proprietary flow technology maintains the pool's optimal flow
- Easy control via the Pentair Pool app or optional touchscreen
- Up to 90% energy savings*
- New motor, drive and hydraulics
- Optional onboard automation
- Easy setup and remote updates



IntelliPro3 3.0 HP
Variable Speed & Flow Pump

IntelliPro3 1.5 HP
Variable Speed & Flow Pump



Pentair Pool app:
pool owners can access the
pool anytime, anywhere.



Pentair Pro app:
ability to control and
remotely monitor.

This pump combines true set-it-and forget-it patented flow technology paired with smart connectivity of the Pentair Pool app. The proprietary combination of variable speed plus auto-regulated flow means all good things flow from the IntelliPro3 pool pump—for your customers and for your business. Small pool or big, this pump is a simple, smart, worry-free way to give pool owners the effortless, inviting pool experience they expect.

Ordering Information

PART #	DESCRIPTION	THP	WEF	Maximum Input Voltage	Frequency	Full Load AMPS	Port Size (NPT)	Weight	Certification ³
INTELLIFLO3 VARIABLE SPEED AND FLOW POOL PUMP									
013075	IntelliPro3 VSF 3.0 HP*	3	7.1	208V–230V	50 Hz or 60 Hz	12.4–11.2 Amps	2" x 2" or 2.5" x 2.5" or (optional) 3" x 3"	55 lbs	UL ¹ , NSF ²
013076	IntelliPro3 VSF 3.0 HP with relay board*	3	7.1	208V–230V	50 Hz or 60 Hz	12.4–11.2 Amps	2" x 2" or 2.5" x 2.5" or (optional) 3" x 3"	55 lbs	UL ¹ , NSF ²
013077	IntelliPro3 VSF 3.0 HP with touchscreen*	3	7.1	208V–230V	50 Hz or 60 Hz	12.4–11.2 Amps	2" x 2" or 2.5" x 2.5" or (optional) 3" x 3"	55 lbs	UL ¹ , NSF ²
013078	IntelliPro3 VSF 3.0 HP with touchscreen and relay board*	3	7.1	208V–230V	50 Hz or 60 Hz	12.4–11.2 Amps	2" x 2" or 2.5" x 2.5" or (optional) 3" x 3"	55 lbs	UL ¹ , NSF ²
INTELLIFLO3 VARIABLE SPEED AND FLOW POOL PUMP WITH 1.5HP MODELS									
013065	IntelliPro3 VSF 1.5 HP*	1.5	9.4	115/208–230V	50 Hz or 60 Hz	12/6.4–5.9 Amps	1.5" x 1.5" or 2" x 2"	48 lbs	UL ¹ , NSF ²
013066	IntelliPro3 VSF 1.5 HP with relay board*	1.5	9.4	115/208–230V	50 Hz or 60 Hz	12/6.4–5.9 Amps	1.5" x 1.5" or 2" x 2"	48 lbs	UL ¹ , NSF ²
013067	IntelliPro3 VSF 1.5 HP with touchscreen*	1.5	9.4	115/208–230V	50 Hz or 60 Hz	12/6.4–5.9 Amps	1.5" x 1.5" or 2" x 2"	48 lbs	UL ¹ , NSF ²
013068	IntelliPro3 VSF 1.5 HP with touchscreen and relay board*	1.5	9.4	115/208–230V	50 Hz or 60 Hz	12/6.4–5.9 Amps	1.5" x 1.5" or 2" x 2"	48 lbs	UL ¹ , NSF ²

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*Savings based on variable speed pump compared to a single-speed pump running 12 hours per day at an average of \$0.16 per kWh in a 20,000 gallon pool. Actual savings may vary based on local utility rates, pool size, pump run time, pump horsepower, pump rpm, plumbing size and length, pump model, service factor and other hydraulic factors. Individual Weighted Energy Factor (WEF) scores and savings may vary by model.

CALIFORNIA PROPOSITION 65 WARNING

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⚠ **ADVERTENCIA:** Cáncer y Daño Reproductivo.
www.p65warnings.ca.gov. FR20171A

SEE PAGE 427 FOR REPLACEMENT PARTS

INTELLIPRO3® VSF (CONT'D)

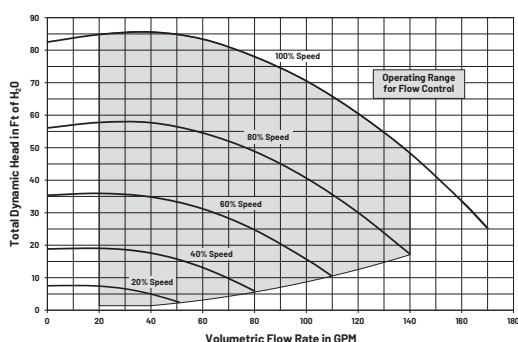
VARIABLE SPEED AND FLOW POOL PUMP

Ordering Information

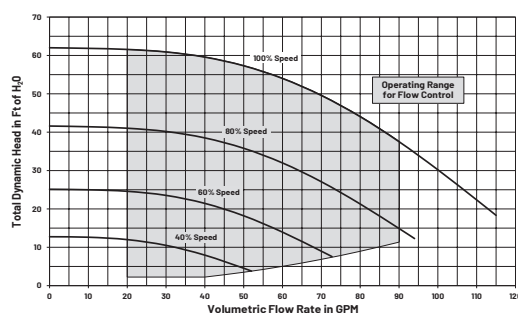
PART #	DESCRIPTION
INTELLIFLO3 ADD ONS	
356348Z	IntelliPro3 VSF Universal Touchscreen Add On
356365Z	IntelliPro3 VSF Optional Universal Relay Board Kit
358163Z	50 ft 2 Conductor Automation Cable
410009	2.5" Sweep Elbow Pump Kit
410029	3" Union Kit for 3 HP Pumps
351157	1-1/2" Internal Slip x 2" External Slip Union Kit for 1.5 HP Pumps (includes 2 unions)
357831Z	Retrofit Riser Base Kit for 1.5 HP Models—IntelliFlo and WhisperFlo Models
357832Z	Retrofit Riser Base Kit for 1.5 HP Models—IntelliPro, Max-E-Pro, and Challenger Models
357833Z	Retrofit Riser Base Kit for 3.0 HP Models—IntelliPro, Max-E-Pro, and Challenger Models

Dimensions and Performance

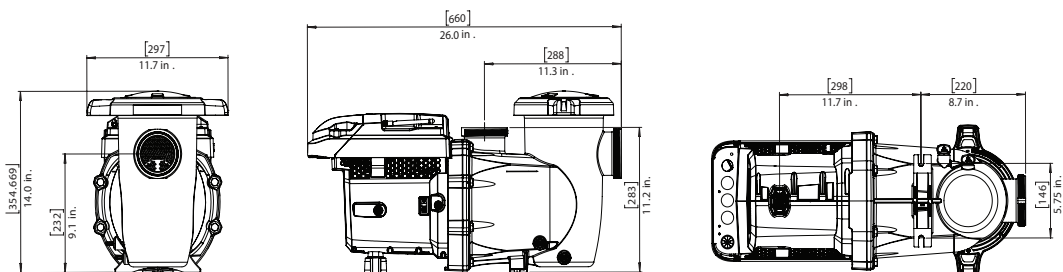
Pump Performance Curves (3 HP Models)



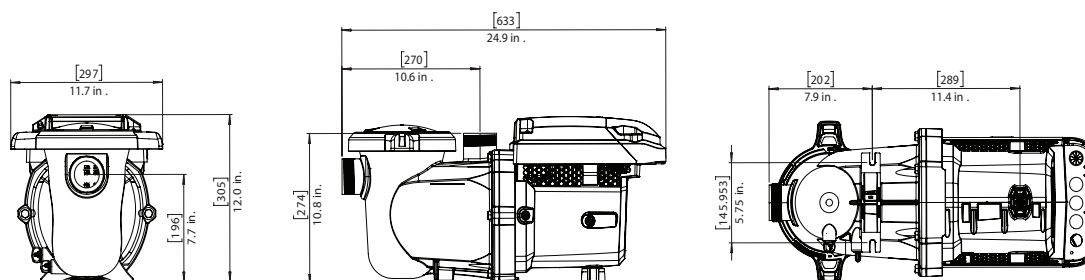
Pump Performance Curves (1.5 HP Models)



Pump Dimensions (3 HP Models)



Pump Dimensions (1.5 HP Models)



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SEE PAGE 427 FOR REPLACEMENT PARTS

INTELLIPRO® VS+SVRS

HIGH PERFORMANCE PUMPS



IntelliPro VS+SVRS
Variable Speed Pump

Patent Information: www.pentair.com/patents

IntelliPro pumps combine variable speed technology, onboard digital intelligence and permanent magnet motors (used in hybrid cars) to reduce pump-related energy costs by up to 90%.* compared to single-speed pumps. The IntelliPro VS+SVRS pump models include a built-in Safety Vacuum Release System that detects drain blockage and automatically shuts the pump off.

Featured Highlights

- Ability to program exact pump speeds for specific operations – filtering, heating, cleaning, spa jets, water features, and more
- SVRS complies with Virginia Graeme Baker Safety Act
- Built-in diagnostics helps protect the IntelliPro pump from the most common causes of premature failure – overheating, freezing, and voltage irregularities
- Includes priming protection. No SVRS calibrations needed. Built-in SVRS cannot be turned off
- Safety lock-out feature (password protected) prevents pump speed settings from being changed by unauthorized personnel
- Ability to set minimum and maximum speeds so pump will only operate within the ranges set to help assure suitable operation for a longer life
- Compatible with Pentair Automation Systems
- Compliant with the current ASME A112.19.17 standard for Safety Vacuum Release Systems (SVRS)

Ordering Information

Product	Description	THP	WEF	HHP	Service Factor	Voltage	Frequency	Current	Port Size	Weight	Certifications ³
INTELLIPRO VS+ SVRS VARIABLE SPEED WITH SAFETY VACUUM RELEASE SYSTEM											
013002	IntelliPro VS+SVRS	3.95	6.9	1.88	1.0	230	50/60	16.0	2" x 2"	53	UL ¹ , NSF ²
ACCESSORIES											
350122Z	Communication Cable - 50 ft. - Included with pump										2
356905Z	Optional Keypad Wall Mount Kit										
356196	Chemical/Salt/Ozone Resistant EPDM & SS Seal Quick Kit										1
UNIONS											
11201-0154	2 in. x 2 in. Union (2 in. NPT male x 2 in. female NPT quick connect)										2

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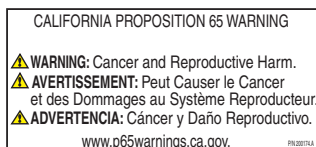
² 'NSF' indicates that pump bears a mark signifying evaluation to NSF Standard 50 For Self-Priming Centrifugal Pumps For Swimming Pools Only.

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Note: Pump must be used with current collectors when installed on spas or hot tubs in Canada.

Refer to catalog page 23 for a selection of 2-Pole GFCI breakers which offer 6 milliamp personnel protection while meeting 2008 to Current NEC Standards for Pool Pumps.

- Savings based on variable speed pump compared to a single-speed pump running 12 hours per day at an average of \$0.16 per kWh in a 20,000 gallon pool. Actual savings may vary based on local utility rates, pool size, pump run time, pump horsepower, pump rpm, plumbing size and length, pump model, service factor and other hydraulic factors. Individual Weighted Energy Factor (WEF) scores and savings may vary by model.

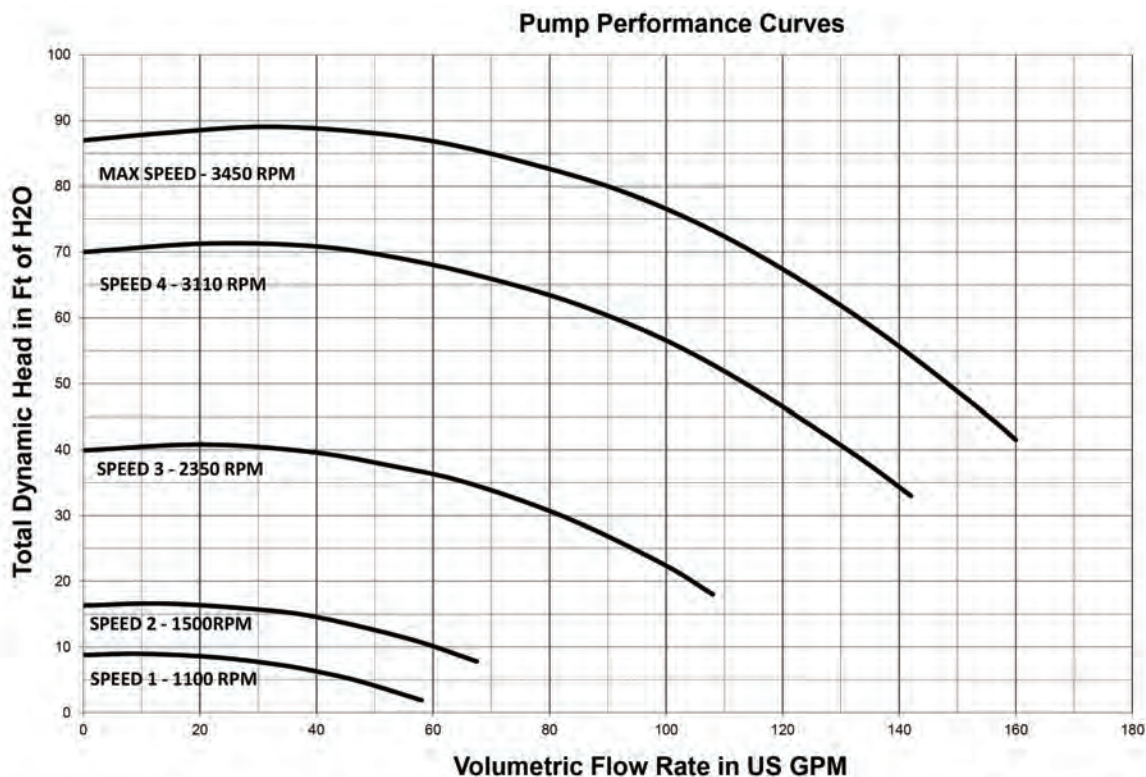


SEE PAGE 427 FOR REPLACEMENT PARTS

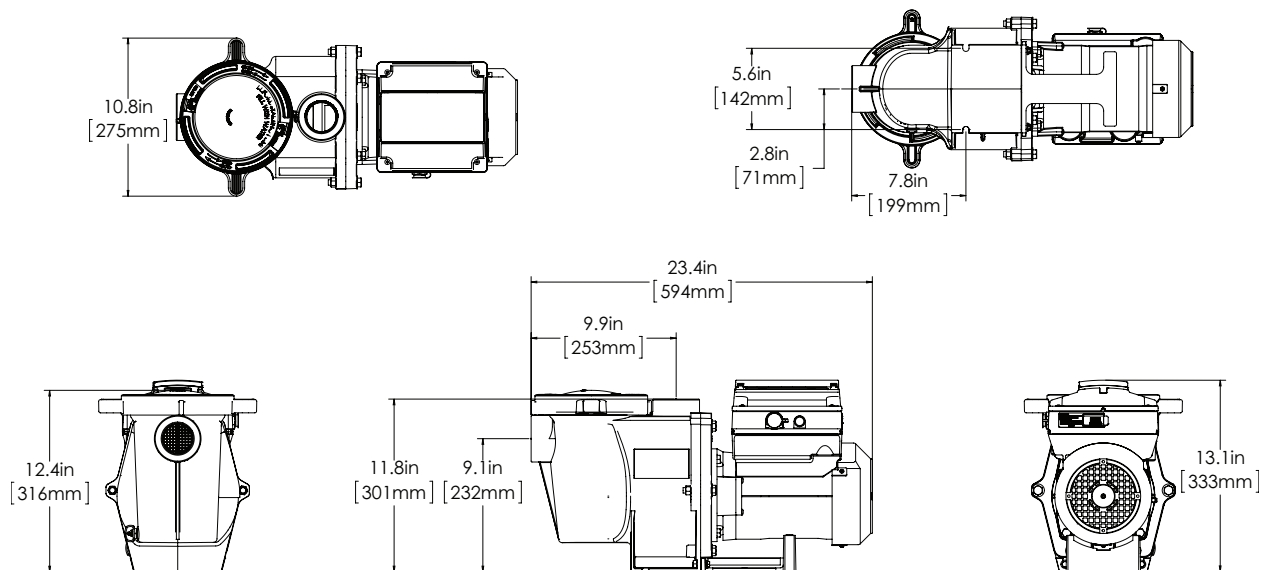
INTELLIPRO® VS+SVRS

HIGH-PERFORMANCE PUMPS (CONT'D)

Dimensions and Performance



* IntelliPro VS+SVRS minimum speed is 1100 RPM



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SEE PAGE 427 FOR REPLACEMENT PARTS

MAX-E-PROXF[®]

HIGH PERFORMANCE PUMPS



TRADEGRADE

Max-E-ProXF Pump
shown with TEFC Motor

Developed using advanced engineering tools - CFD (Computational Fluid Dynamics) and FEA (Finite Element Analysis). The impeller design delivers a high level of precision concentricity for efficiency.

* Optional riser base for Challenger pump replacements, part #400012 available separately

Featured Highlights

- Totally Enclosed Fan Cooled (TEFC) motor
- Improved design
- 2" quick-disconnect plumbing union for faster disassembly and service
- 6", extra-large-capacity trap collects more debris
- Clear-view lid allows easy way to check for debris without lifting a finger
- Some models meet updated DOE minimum efficiency requirements

Ordering Information

Product	Rated HP	THP	WEF	HHP	Service Factor	Voltage	Frequency	Current	Port Size	Weight	Certifications ³	Curve Key
COMMERCIAL SINGLE-SPEED TEFC												
023034	5	5	N/A	N/A	1.00	208-230	60	20.0-18.8	2.5" x 2.5" or 3" x 3"	67	UL ¹ , NSF ²	C
THREE-PHASE SUPER-DUTY												
023017	2	2.6	N/A	N/A	1.30	208-230/460	60	7.5-7.2/3.6	2.5" x 2.5" or 3" x 3"	60	UL ¹ , NSF ²	I
023018	3	3.25	N/A	N/A	1.15	208-230/460	60	9.8-9.4/4.7	2.5" x 2.5" or 3" x 3"	60	UL ¹ , NSF ²	H
023019	5	5.00	N/A	N/A	1.00	208-230/460	60	13.9-13.1/6.6	2.5" x 2.5" or 3" x 3"	72	UL ¹ , NSF ²	G
ACCESSORIES												
400012	XF Riser Base - Simplifies installation of XF-series pumps in applications where Challenger pumps are being replaced.											

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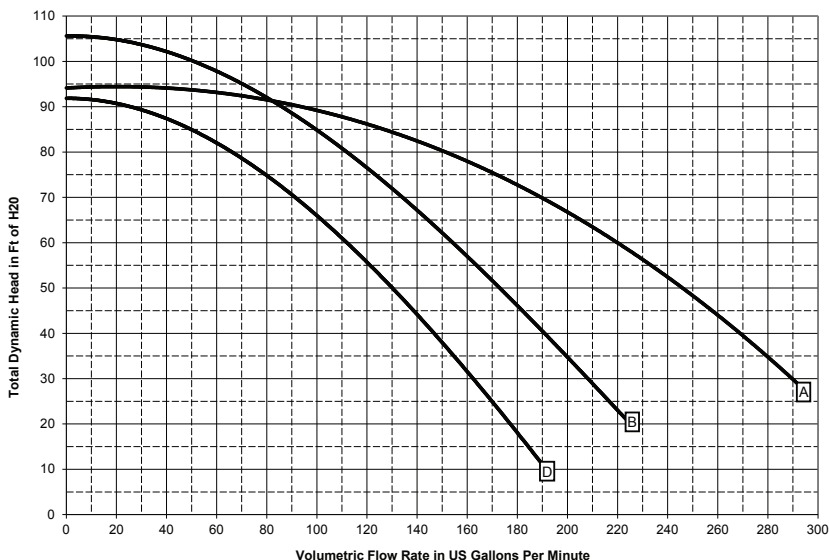
SEE PAGE 427 FOR REPLACEMENT PARTS

MAX-E-PROXF[®]

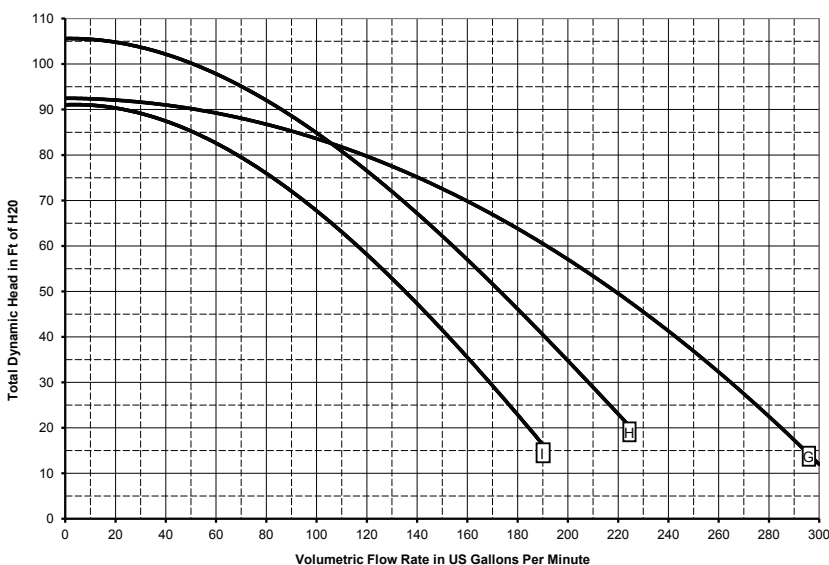
HIGH-PERFORMANCE PUMPS (CONT'D)

Dimensions and Performance

1 & 2-Speed
Performance
Curve



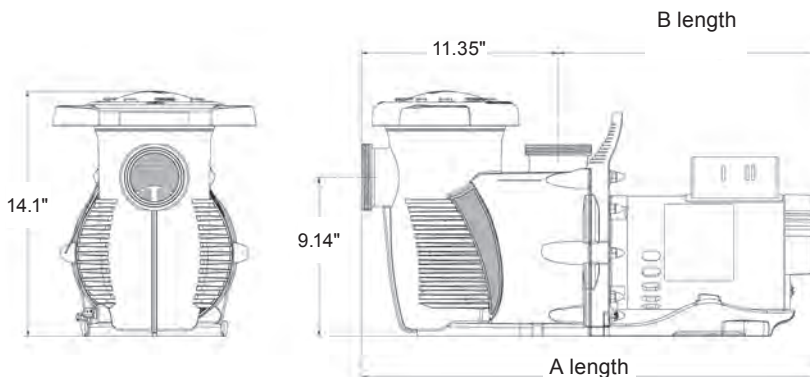
3 Phase
Performance
Curve



B-VARYING LENGTH		
HP	TEFC	3-PH
2	13.05	12.35
3	13.65	13.05

A-VARYING LENGTH		
HP	TEFC	3-PH
2	24.4	23.7
3	25	24.4

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SEE PAGE 427 FOR REPLACEMENT PARTS

SUPERMAX® VS

VARIABLE SPEED PUMPS


TRADEGRADE


SuperMax VS
Variable Speed Pump

For pool owners who want to step-up to the energy and cost savings of variable speed technology, the SuperMax VS pump is a wise choice. SuperMax VS pump is engineered for easy installation, simple operation, and trouble-free service.

Featured Highlights

- Variable speed technology provides energy & costs savings *
- Ideal for standard pools requiring up to 1.5 hp pump
- 110/230V and 50/60 Hz capability
- Real-time clock with 24-hour memory retention
- Simple, intuitive user interface is easy to program and operate
- Easy to access electrical connections for simple installation
- Three operating speed settings plus override capability
- SuperMax pump by Pentair Aquatic Systems is a direct replacement for the Hayward® Super Pump® ⁴

Ordering Information

Product	THP	WEF	HHP	Service Factor	Voltage	Frequency	Current	Port Size	Weight	Certifications ³
SUPERMAX VS VARIABLE SPEED										
343001	2.2	9.0	1.08	1.0	115/208-230	50/60	13.6/8.0-7.1	1.5" x 1.5"	53	UL ¹ , NSF ²
ACCESSORIES										
356324Z	External Control Wiring Kit									
356197	Chemical/Salt/Ozone Resistant EPDM & SS Seal Quick Kit (for pumps Mfg. before June 2019)								1	

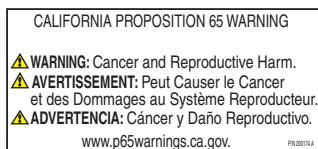
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*Savings based on variable speed pump compared to a single-speed pump running 12 hours per day at an average of \$0.16 per kWh in a 20,000 gallon pool. Actual savings may vary based on local utility rates, pool size, pump run time, pump horsepower, pump rpm, plumbing size and length, pump model, service factor and other hydraulic factors. Individual Weighted Energy Factor (WEF) scores and savings may vary by model.

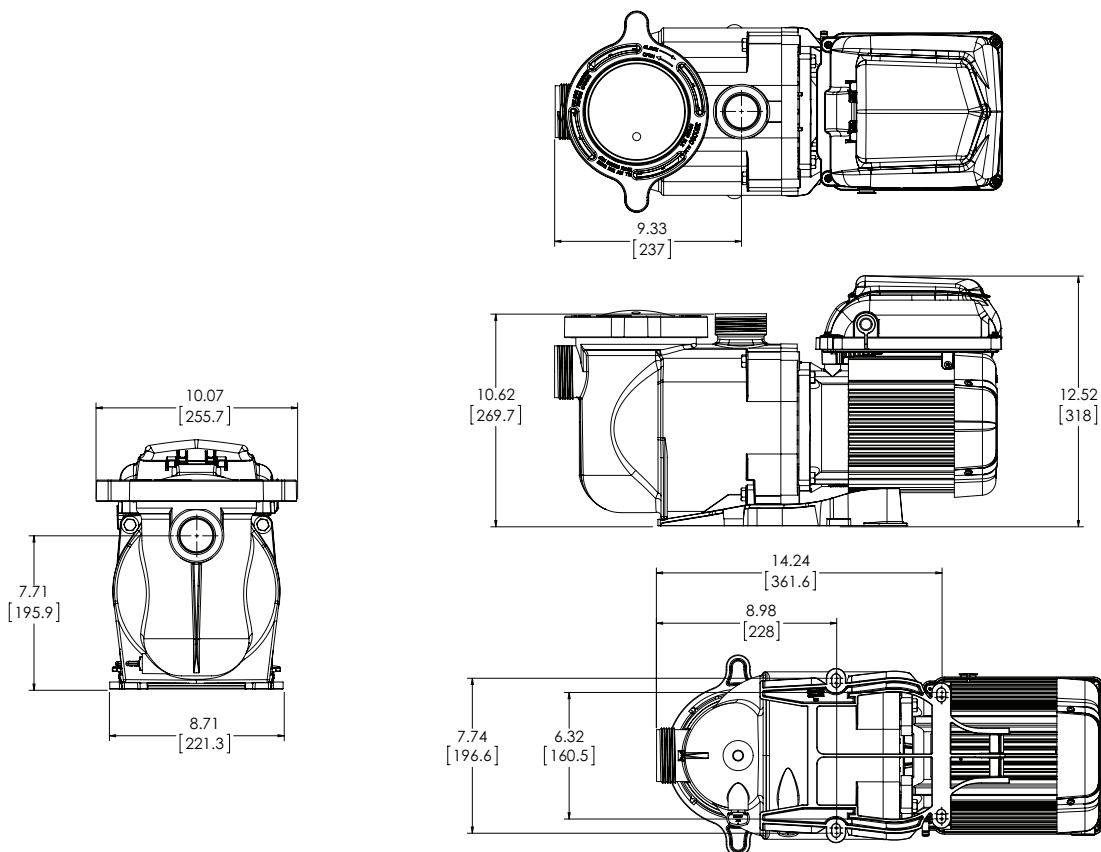
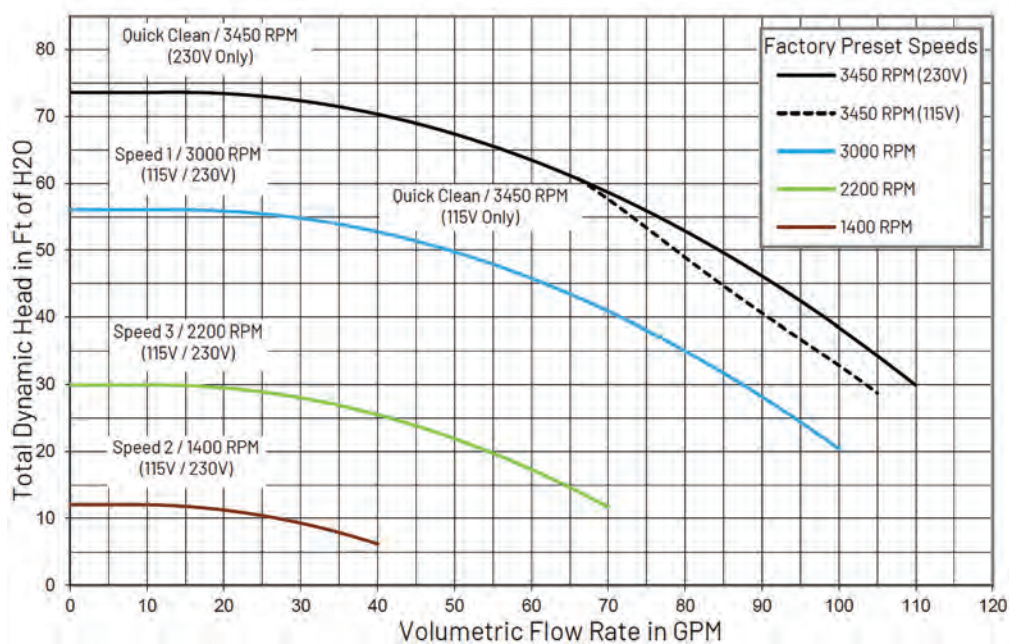


SEE PAGE 427 FOR REPLACEMENT PARTS

SUPERMAX® VS

VARIABLE SPEED PUMPS (CONT'D)

Dimensions and Performance



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 ⚠ **ADVERTENCIA:** Cáncer y Daño Reproductivo.

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SEE PAGE 427 FOR REPLACEMENT PARTS

SUPERMAX®

HIGH PERFORMANCE PUMPS



TRADEGRADE



SuperMax Pump
shown with TEFC Motor

Featured Highlights

- SuperMax pump by Sta-Rite is a direct replacement for the Hayward® Super Pump® *
- Single and two-speed models ranging from 1/2 to 2-1/2 HP
- Cam and Ramp™ Lid locks and unlocks with a simple quarter turn
- Exterior thermoplastic resin withstands temperature extremes and delivers long life
- Unionized fittings included (1-1/2 in. internal slip and 2 in. external slip)

The SuperMax pump features a commercial grade, 56 square flange motor for top performance in residential swimming pools. Consumers enjoy its economical performance. Pool professionals benefit from its ease of installation and reliability.

Ordering Information

Product	Rated HP	THP	WEF	HHP	Service Factor	Voltage	Frequency	Current	Port Size	Weight	Certifications ³	Curve Key
DOE COMPLIANT SINGLE-SPEED TEFC												
348191	N/A	1.1	3.6	0.63	1.00	115/208-230	60	10.5/5.4-5.4	1.5" x 1.5"	50	UL, NSF	B
ENERGY EFFICIENT SINGLE-SPEED - NOT FOR SALE IN THE USA												
PHK2E6D-101L-INT	3/4	0.95	N/A	N/A	1.00	115/208-230	60	8.8/4.5-4.4	1.5" x 1.5"	44	UL, NSF	A
TEFC SINGLE-SPEED - NOT FOR SALE IN THE USA												
348147-INT	1	1.65	N/A	N/A	1.00	115/208-230	60	15.1/8.5-7.7	1.5" x 1.5"	50	UL, NSF	C
348148-INT	1-1/2	2.21	N/A	N/A	1.00	208-230	60	10.3-9.1	1.5" x 1.5"	53	UL, NSF	D
348149-INT	2	2.60	N/A	N/A	1.00	208-230	60	11.7-10.3	1.5" x 1.5"	58	UL, NSF	E
ACCESSORIES												
351157	Union Kit – 1-1/2 in. Internal Slip x 2 in. External Slip - includes 2									1		
356197	Chemical/Salt/Ozone Resistant EPDM & SS Seal Quick Kit									1		

¹ 'UL' indicates that pump bears a UL mark signifying evaluation to U.S. Standards UL1081 for Permanently Connected Swimming Pool and Spa Pumps and to Canadian Standards CAN/CSA C22.2 No. 108-01 Liquid Pumps For Swimming Pools Only (Enclosure 3).

² 'NSF' indicates that pump bears a mark signifying evaluation to NSF Standard 50 For Self-Priming Centrifugal Pumps For Swimming Pools Only.

³ Product may have been evaluated to other state and local regulatory standards. Listing status may change. Always confirm status with appropriate agency if in doubt.

* Hayward® and Super Pump® are registered trademarks of Hayward Industries, Inc.

CALIFORNIA PROPOSITION 65 WARNING

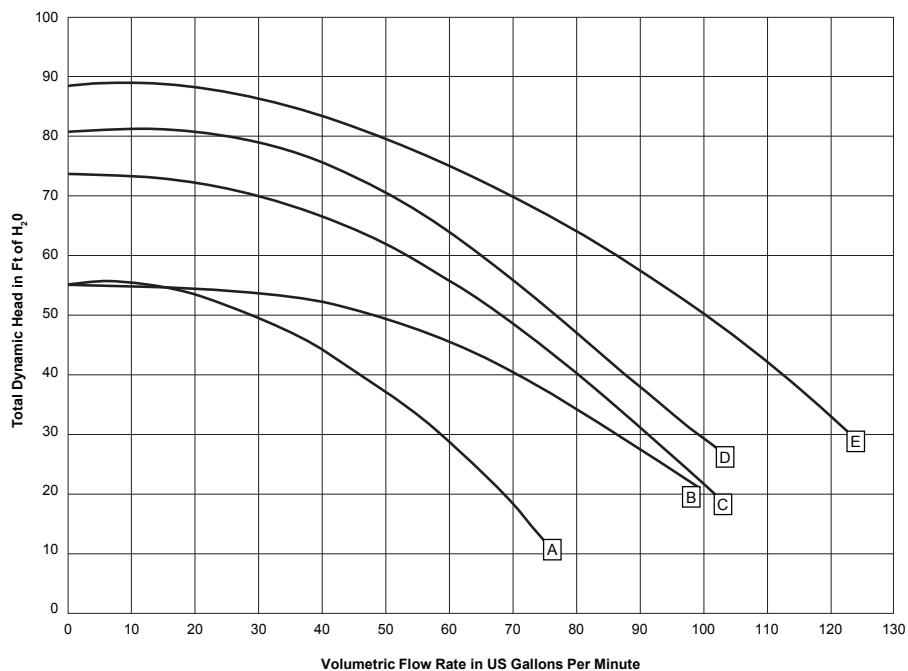
⚠ **WARNING:** Cancer and Reproductive Harm.
 ⚠ **AVERTISSEMENT:** Peut Causer le Cancer
 et des Dommages au Système Reproducteur.
 ⚠ **ADVERTENCIA:** Cáncer y Daño Reproductivo.
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SEE PAGE 427 FOR REPLACEMENT PARTS

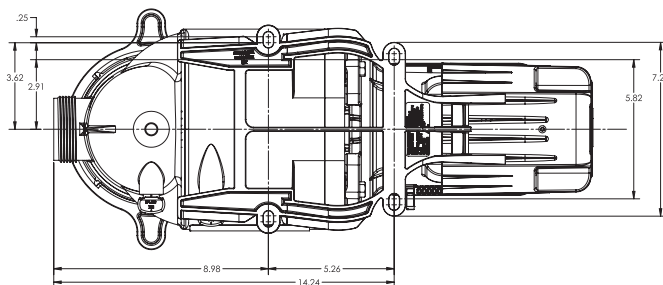
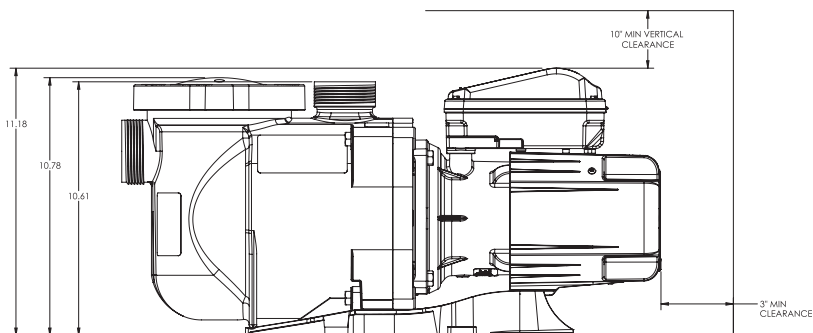
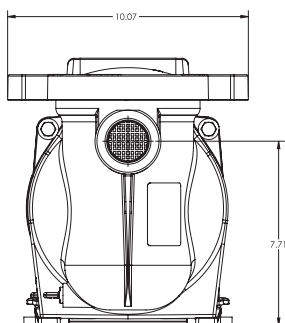
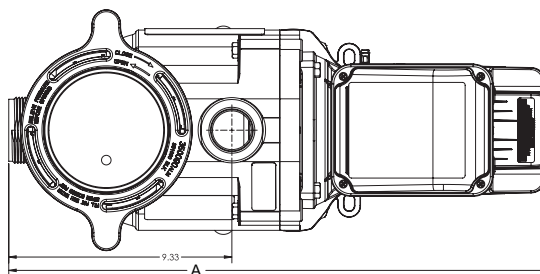
SUPERMAX®

HIGH-PERFORMANCE PUMPS (CONT'D)

Dimensions and Performance



A- VARYING LENGTH			
HP	EE	TEFC	DOE Compliant
0.5	24.64	—	—
0.75	24.64	—	—
1	—	22	—
1.1	—	—	22.55
1.5	—	22.45	—
2	—	22.9	—



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SEE PAGE 427 FOR REPLACEMENT PARTS

WHISPERFLOXF® VS

COMMERCIAL VARIABLE SPEED PUMP

TRADEGRADE



WhisperFloXF VS Pump

WhisperfloXF pump is an economical, combined motor/drive solution for HMAc (hotel, motel, apartment, condominium) or large residential installations, providing sophisticated, energy-saving pump technology without the high costs typically associated with independent pump/external drive setups.

Featured Highlights

- Integrated 5HP motor/drive; no expensive external drive required
- Versatile power input capability; runs off a wide range of single- or three-phase power
- Speed or flow control for greater efficiency and pool performance*
- External control capability through automation systems or relays
- Intuitive programming and operation
- Meets commercial codes and agency requirements

Ordering Information

Product	THP	WEF	HHP	Service Factor	Voltage	Frequency	Current	Port Size	Weight	Certifications ³
WHISPERFLOXF VARIABLE SPEED										
022035	5.0	5.0	2.09	1.00	Single-Phase: 208-230/277-460 Three-Phase: 208-460	50/60	Single-Phase: 20-21/17-11 Three-Phase: 13-6	2.5" x 2.5" or 3" x 3"	95	UL ¹ , NSF ²
ACCESSORIES										
356324Z	RS-485 Automation Wiring Kit, 25 ft.									
400012	XF Riser Base - Simplifies installation of XF-series pumps in application where Challenger Pumps are being replaced.									

¹ 'UL' indicates that pump bears a UL mark signifying evaluation to U.S. Standards UL1081 for Permanently Connected Swimming Pool and Spa Pumps and to Canadian Standards CAN/CSA C22.2 No. 108-01 Liquid Pumps For Swimming Pools Only (Enclosure 3).

² 'NSF' indicates that pump bears a mark signifying evaluation to NSF Standard 50 For Self-Priming Centrifugal Pumps For Swimming Pools, Spas and Hot Tubs.

³ Product may have been evaluated to other state and local regulatory standards. Listing status may change. Always confirm status with appropriate agency if in doubt.

*When connected to Pentair's inline 4-20mA flowmeter for 3" plumbing (P/N 97014-4203KIT—sold separately), or similar 4-20mA flowmeters, this pump is capable of maintaining a constant flow based on the needs of your pool system. To connect the flowmeter and pump, the digital input cable provided in the External Control Wiring Kit (P/N 356324Z sold separately) is required.

CALIFORNIA PROPOSITION 65 WARNING

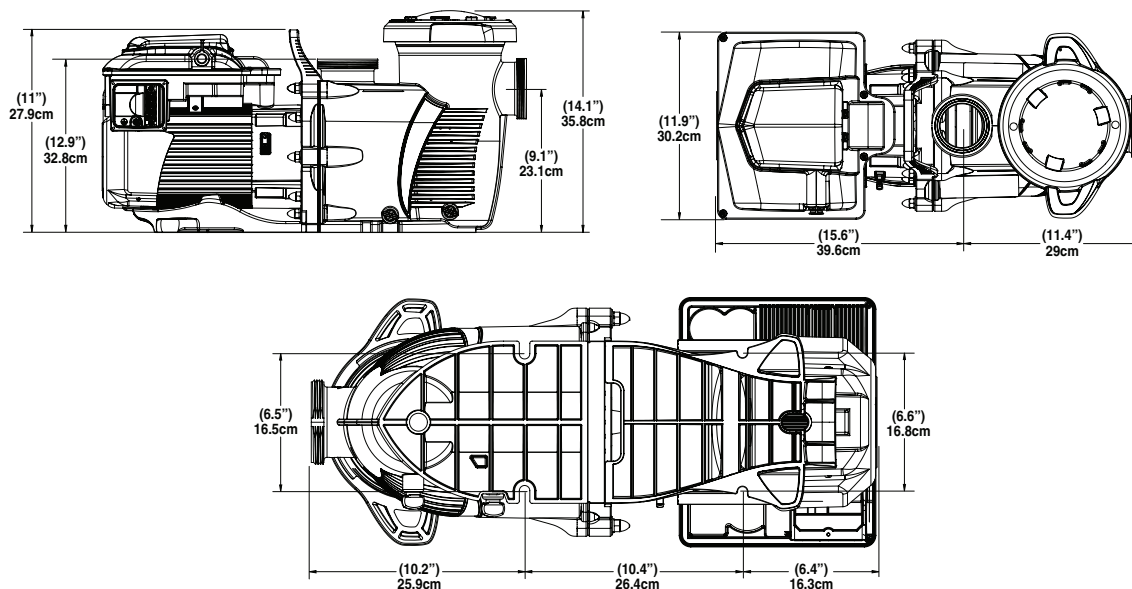
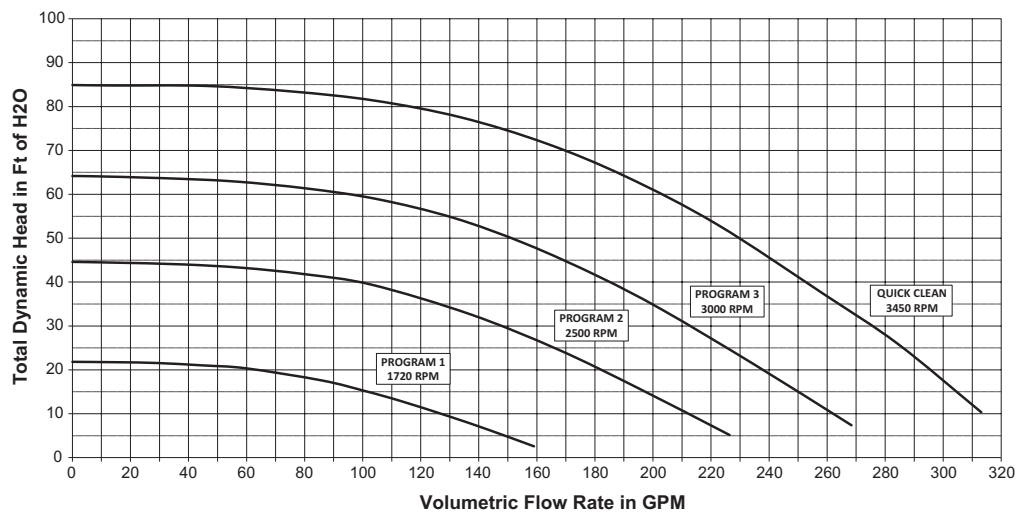
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 ⚠ **ADVERTENCIA:** Cáncer y Daño Reproductivo.
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SEE PAGE 427 FOR REPLACEMENT PARTS

WHISPERFLOXF VS

COMMERCIAL VARIABLE SPEED PUMP (CONT'D)

Dimensions and Performance



CALIFORNIA PROPOSITION 65 WARNING

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SEE PAGE 427 FOR REPLACEMENT PARTS

MAX-E-PROXF® VS

COMMERCIAL VARIABLE SPEED PUMP


TRADEGRADE


Max-E-ProXF VS Pump

Variable speed pump that runs on single-phase or three-phase power. It's economical, combined motor/drive solution for HMAc (hotel, motel, apartment, condominium) or large residential installations, providing sophisticated, energy-saving pump technology without the high costs typically associated with independent pump/external drive setups.

Featured Highlights

- Integrated 5HP motor/drive; no expensive external drive required
- Versatile power input capability; runs off a wide range of single- or three-phase power
- Speed or flow control for greater efficiency and pool performance*
- External control capability through automation systems or relays
- Intuitive programming and operation
- Meets commercial codes and agency requirements

Ordering Information

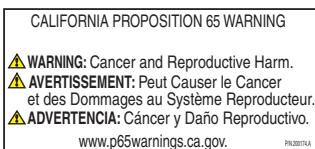
Product	THP	WEF	HHP	Service Factor	Voltage	Frequency	Current	Port Size	Weight	Certifications ³
MAX-E-PROXF VARIABLE SPEED										
023035	5.0	5.0	2.09	1.00	Single-Phase: 208-230/277-460 Three-Phase: 208-460	50/60	Single-Phase: 20-21/17-11 Three-Phase: 13-6	2.5" x 2.5" or 3" x 3"	95	UL ¹ , NSF ²
ACCESSORIES										
356324Z	RS-485 Automation Wiring Kit, 25 ft.									
400012	XF Riser Base - Simplifies installation of XF-series pumps in application where Challenger Pumps are being replaced.									

¹ 'UL' indicates that pump bears a UL mark signifying evaluation to U.S. Standards UL1081 for Permanently Connected Swimming Pool and Spa Pumps and to Canadian Standards CAN/CSA C22.2 No. 108-01 Liquid Pumps For Swimming Pools Only (Enclosure 3).

² 'NSF' indicates that pump bears a mark signifying evaluation to NSF Standard 50 For Self-Priming Centrifugal Pumps For Swimming Pools, Spas and Hot Tubs.

³ Product may have been evaluated to other state and local regulatory standards. Listing status may change. Always confirm status with appropriate agency if in doubt.

*When connected to Pentair's inline 4-20mA flowmeter for 3" plumbing (P/N 97014-4203KIT—sold separately), or similar 4-20mA flowmeters, this pump is capable of maintaining a constant flow based on the needs of your pool system. To connect the flowmeter and pump, the digital input cable provided in the External Control Wiring Kit (P/N 356324Z sold separately) is required.

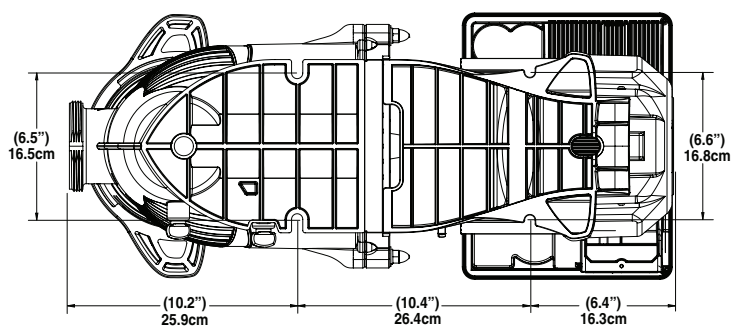
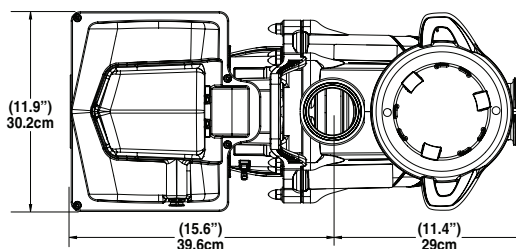
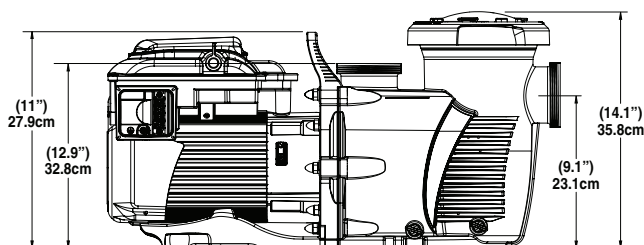
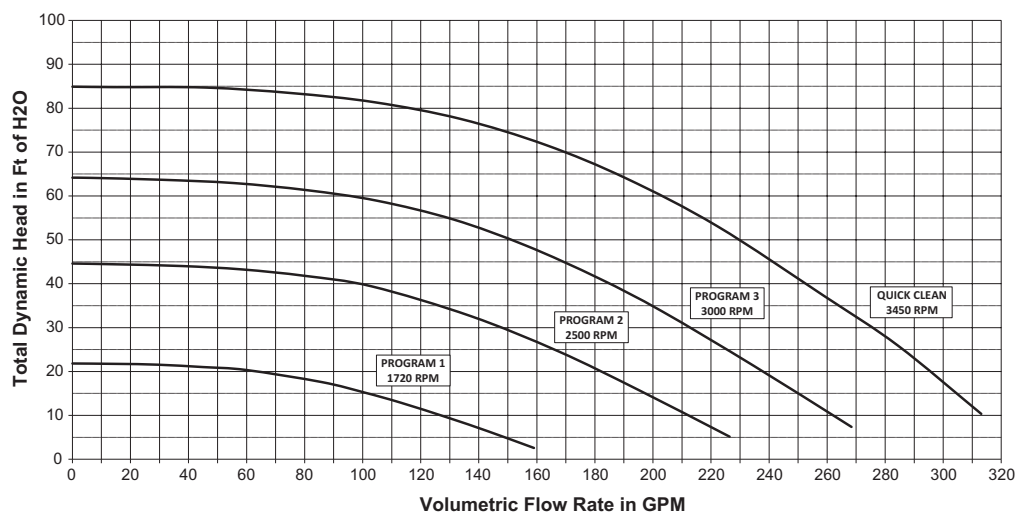


SEE PAGE 427 FOR REPLACEMENT PARTS

MAX-E-PROXF[®] VS

COMMERCIAL VARIABLE SPEED PUMP (CONT'D)

Dimensions and Performance



CALIFORNIA PROPOSITION 65 WARNING

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SEE PAGE 427 FOR REPLACEMENT PARTS

COMMERCIAL ACU DRIVE™ XS

VARIABLE FREQUENCY DRIVE



Featured Highlights

- Save up to 60% or more on pump's electricity usage*
- "Right-size" your pump to the exact flow required
- Helps save energy with constant flow as the filters get dirty (with optional flow sensor)
- Off-hour flow management capability
- Does not blow corrosive filter-room air across the circuitry
- High efficiency up to 98% – adjusts drive input voltage for best efficiency point
- Eliminates need for motor starters
- Integrated disconnects, fusing and optional bypasses
- 2-step ramps (Soft Start Feature)
- Real-time clock for time based functions
- Great match for 3-phase models of EQ Series® Pumps
- Overload trip protection helps protect motor and Acu Drive XS VF Drive from Voltage Spikes and phase unbalance
- Can connect to an IntelliTouch® Automation System
- 3-year manufacturers warranty, Optional 6-year warranty available
- Optional: Factory Start-up upgrade available
- Indoor & Outdoor-rated enclosures
- One drive type for the full power range
- For use with 3 phase pumps only
- Acu Drive XS VF Drives with single phase input power available

The Acu Drive XS VF Drive offers built-in intelligence for increased performance in all aquatic pump applications. Specified for energy and cost savings, the Acu Drive XS VF Drive offers a fast return on investment. The Acu Drive XS VF Drive allows the pump to run at its most efficient point on the curve. Preventative maintenance costs may drop due to motor protection, motor soft start, and a significant decrease in water hammer protecting the shaft and impeller. Up to an additional 5% savings due to the Acu Drive XS VF Drive's ability to balance power phase and harmonic suppression. Built with powerful standard and optional features specifically designed for energy optimization, the Acu Drive XS VF Drive is perfectly matched with the full line of Pentair Commercial pumps.

CALIFORNIA PROPOSITION 65 WARNING

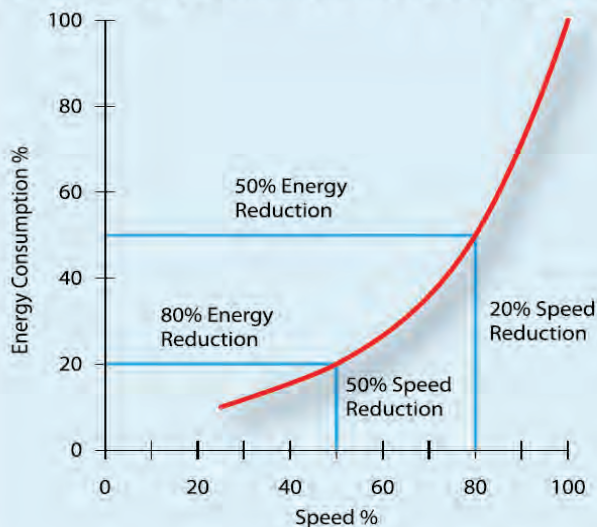
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Affinity Law

Significant Energy Savings are achieved with even a modest reduction in speed

Ideal Energy Consumption at Varying Speed



*Savings based on single speed pool pumps traditionally configured without VFD's, up to 20% larger than actual required flow and head pressure. Actual savings may vary based on local utility rates, pool size, pump run time, pump horsepower, pump RPM, plumbing size and length, pump model, service factor and other hydraulic factors.

COMMERCIAL ACU DRIVE™ XS

VARIABLE FREQUENCY DRIVE (CONT'D)

Ordering Information

3-PHASE INCLUDES FUSED DISCONNECT, BATTERY BACKUP, & PENTAIR SMART START*						
Horse Power (HP)	NEMA-12 RATED (IP 54/55)			NEMA-4X RATED (IP 66)		
	200-240 VAC	360-480 VAC	525-600 VAC	200-240 VAC	360-480 VAC	525-600 VAC
3	AD030X-2303-N12	AD030X-4603-N12	AD030X-5753-N12	AD030X-2303-N4X	AD030X-4603-N4X	AD030X-5753-N4X
5	AD050X-2303-N12	AD050X-4603-N12	AD050X-5753-N12	AD050X-2303-N4X	AD050X-4603-N4X	AD050X-5753-N4X
7-1/2	AD075X-2303-N12	AD075X-4603-N12	AD075X-5753-N12	AD075X-2303-N4X	AD075X-4603-N4X	AD075X-5753-N4X
10	AD100X-2303-N12	AD100X-4603-N12	AD100X-5753-N12	AD100X-2303-N4X	AD100X-4603-N4X	AD100X-5753-N4X
15	AD150X-2303-N12	AD150X-4603-N12	AD150X-5753-N12	AD150X-2303-N4X	AD150X-4603-N4X	AD150X-5753-N4X
20	AD200X-2303-N12	AD200X-4603-N12	AD200X-5753-N12	AD200X-2303-N4X	AD200X-4603-N4X	AD200X-5753-N4X
25	AD250X-2303-N12	AD250X-4603-N12	AD250X-5753-N12	AD250X-2303-N4X	AD250X-4603-N4X	AD250X-5753-N4X
SINGLE-PHASE INPUT DRIVES (FOR USE WITH 3-PHASE PUMPS ONLY) INCLUDES STANDARD DISCONNECT ONLY (NO FUSES), BATTERY BACKUP, & PENTAIR SMART START*						
Horse Power (HP)	NEMA-12 RATED (IP 54/55)		NEMA-4X RATED (IP 66)		200-240 VAC	
	200-240 VAC		200-240 VAC			
3	AD030X-2301-N12		AD030X-2301-N4X			
5	AD050X-2301-N12		AD050X-2301-N4X			
7-1/2	AD075X-2301-N12		AD075X-2301-N4X			
10	AD100X-2301-N12		AD100X-2301-N4X			
15 - 20	AD200X-2301-N12		AD200X-2301-N4X			

For 30HP and higher - Please contact factory.

3-PHASE Units available with Optional Bypass Contactor mounted to common back plate. Please contact factory.

*Startup Services

CERTIFIED START-UP ASSISTANCE BY TRAINED TECHNICIANS IS AVAILABLE FOR PURCHASE WITH ALL ACU DRIVE VFD's.
USE PRODUCT NUMBERS AS FOLLOWS:

AD-SUFW01 Batch Startup for 4-6 standard drives (8 hr. onsite / day)

Optional Accessories and Warranties

"ENHANCED SERVICE WARRANTY - ON SITE"
INCLUDES PARTS, LABOR, TRAVEL AND ON-SITE WARRANTY REPAIR.
USE PRODUCT NUMBERS AS FOLLOWS:"

DURATION	200-240 VAC		360-480 VAC	
	3 HP & Below	5-25 HP	10 HP & Below	15-40 HP
6 YEARS	AD-EWW172	AD-EWW272	AD-EWW172	AD-EWW272

Flow Sensor Options

ACU DRIVE XS - FLOW SENSOR KITS					
Pipe Size (inches)	NEMA-12 RATED (IP 54/55)		NEMA-4X RATED (IP 66)		
	200-240 VAC	525-600 VAC	200-240 VAC	525-600 VAC	
2"	97014-4202KIT	Includes: • Sch80 PVC Clamp-on Pipe Saddle. • 100 linear feet shielded signal wire. • Strain relief connector. Does <u>not</u> include separate wall-mount flow display.	—	Includes: • Sch80 PVC Clamp-on Pipe Saddle(3"-8"). • Iron Saddle (10"-14"). • 100 linear feet shielded signal wire. • Strain relief connector. Separate wall-mount flow display/transmitter.	
3"	97014-4203KIT		97014BL-03KIT		
4"	97014-4204KIT		97014BL-04KIT		
6"	97016-4206KIT		97016BL-06KIT		
8"	97016-4208KIT		97016BL-08KIT		
10"	—		97020BL-10KIT		
12"	—		97020BL-12KIT		
14"	—		97020BL-14KIT		

*Additional charges will apply if on-site start-up exceeds four hours (including round-trip travel) per Acu Drive XS Drive.

Other options and add-ons are available including "Bypass Contactors", and "Contact Motor Select" upgrades, and additional on-site technical training. For more information on these options, other sizes, or applications assistance call 1-800-831-7133.

Some pump motors (e.g. 230/460V versions) can be wired to accommodate multiple voltages. This is not true of VFDs. In order to ensure proper VFD selection, the actual pump motor input voltage must be consistent with the drives operating range as shown.

The Acu Drive VF Drive is recommended for use with all "High" or "Premium" efficiency motors and all motors that have Class F insulation or better. For all non-Class F motors, please contact the factory for proper selection of Acu Drive XS Drive and accessories.

Standard Acu Drive XS VF Drives can be returned within 12 months of invoice only if unused, in original packaging, and subject to a 35% restocking charge. Special drives are non-returnable.

Nema Rated 12 enclosure provides protection against dust, dirt and light splashing. Nema Rated 12 units may be used outdoors when sheltered from direct precipitation and sunlight.

Nema Rated 4X enclosure provides a degree of protection against solid foreign objects (windblown dust), water (rain, sleet, snow, splashing water, and hose directed water), and an additional level of protection against corrosion; and that will be undamaged by the external formation of ice on the enclosure.

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. PN001714

SEE PAGE 427 FOR REPLACEMENT PARTS

EQ SERIES®

COMMERCIAL PLASTIC PUMP WITH AND WITHOUT HAIR AND LINT STRAINER

EQ Series TEFC Pump
with StrainerEQ Series Pump
without Strainer

Commercial Plastic pump built specifically for commercial and large residential pools. Pump features electrical and hydraulic designs that helps reduce wear and tear on critical moving parts, and is lightweight for ease of installation.

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www.p65warnings.ca.gov P/N 200714

Featured Highlights

- Efficiency 3-phase motors
- Commercial grade, non-corrosive Plastic Parts for durability and long life
- Now available in TEFC and ODP 3-phase motor options
- Cam and Ramp™ See -Through Lid
- Self-priming with Hair and Lint Strainer
- Light weight
- 3-phase models compatible with Acu Drive™ XS VF Drive
- Drop-in replacement for C Series® and CSP Series™ Pumps
- Waterfall models great for low head, high flow applications
- Easy cleaning and serviceability
- 50 Hz models available -contact factory

Ordering Information

Product	Description	Voltage	Amps	HP	SF	SFHP	Primary Listings and Certifications ⁶	Port Size (ANSI Flange)	Motor Class	Carton Wt. (Lbs.)	Curve Key
NEMA RATED PREMIUM EFFICIENCY THREE PHASE POOL PUMP WITHOUT STRAINER - TEFC											
▶ 340608	EQKT-500	208-230/460	13.4-12.2/6.1	5	1.25	6.25	NSF ² , UL ⁷	6 in x 4 in	F	97	D
▶ 340609	EQKT-750	208-230/460	19.9-17.8/8.9	7.5	1.25	9.38	NSF ² , UL ⁷	6 in x 4 in	F	117	E
▶ 340610	EQKT-1000	208-230/460	26.4-23.5/11.7	10	1.25	12.50	NSF ² , UL ⁷	6 in x 4 in	F	163	F
▶ 340611	EQKT-1500	208-230/460	39.0-36.0/18.0	15	1.25	18.75	NSF ² , UL ⁸	6 in x 4 in	F	177	G
NEMA RATED PREMIUM EFFICIENCY THREE PHASE POOL PUMP WITHOUT STRAINER - 575 VOLT - ODP											
▶ 340148	EQK-500	575	5.1	5	1.15	5.75	NSF ²	6 in. x 4 in.	F	77	D
▶ 340149	EQK-750	575	7.2	7.5	1.15	8.63	NSF ²	6 in. x 4 in.	F	87	E
▶ 340150	EQK-1000	575	10.2	10	1.15	11.50	NSF ²	6 in. x 4 in.	F	117	F
▶ 340151	EQK-1500	575	15.0	15	1.15	17.25	NSF ²	6 in. x 4 in.	F	132	G
PREMIUM EFFICIENCY SINGLE PHASE POOL PUMP WITH STRAINER - ODP											
▶ 340030	EQ-500	230	20.0	5	1.15	5.75	NSF ³ , ETL ⁵	6 in. x 4 in.	F	126	A
▶ 340032	EQ-750	230	30.4	7.5	1.15	8.63	NSF ³	6 in. x 4 in.	F	161	B
▶ 340238	EQ-1000	230	40.0	10	1.15	11.50	NSF ³	6 in. x 4 in.	F	160	C
NEMA RATED PREMIUM EFFICIENCY THREE PHASE POOL PUMP WITH STRAINER - ODP											
▶ 340031	EQK-500	208-230/460	13.5-12.3/6.2	5	1.15	5.75	NSF ³	6 in. x 4 in.	F	106	D
▶ 340033	EQK-750	208-230/460	20.1-18.3/9.1	7.5	1.15	8.63	NSF ³	6 in. x 4 in.	F	116	E
▶ 340034	EQK-1000	208-230/460	27.0/26.2-13.1	10	1.15	11.50	NSF ³	6 in. x 4 in.	F	146	F
▶ 340035	EQK-1500	208-230/460	40.0-36.0/17.8	15	1.15	17.25	NSF ³	6 in. x 4 in.	F	161	G
NEMA RATED PREMIUM EFFICIENCY THREE PHASE POOL PUMP WITH STRAINER - TEFC											
▶ 340604	EQKT-500	208-230/460	13.4-12.2/6.1	5	1.25	6.25	NSF ³ , UL ⁷	6 in x 4 in	F	127	D
▶ 340605	EQKT-750	208-230/460	19.9-17.8/8.9	7.5	1.25	9.38	NSF ³ , UL ⁷	6 in x 4 in	F	147	E
▶ 340606	EQKT-1000	208-230/460	26.4-23.5/11.7	10	1.25	12.50	NSF ³ , UL ⁷	6 in x 4 in	F	193	F
▶ 340607	EQKT-1500	208-230/460	39.0-36.0/18.0	15	1.25	18.75	NSF ³ , UL ⁸	6 in x 4 in	F	207	G

▶ This product either meets or is exempt from the DOE Dedicated Purpose Pool Pump regulation. This product will remain available after the DOE regulation takes effect in July 2021.

SEE PAGE 427 FOR REPLACEMENT PARTS

EQ SERIES®

COMMERCIAL PLASTIC PUMP WITH AND WITHOUT HAIR AND LINT STRAINER (CONT'D)

Product	Description	Voltage	Amps	HP	SF	SFHP	Primary Listings and Certifications ⁶	Port Size (ANSI Flange)	Motor Class	Carton Wt. (Lbs.)	Curve Key
NEMA RATED PREMIUM EFFICIENCY THREE PHASE POOL PUMP WITH STRAINER - ODP - 575 VOLT											
▶ 340155	EQK-500	575	5.1	5	1.15	5.75	NSF ³	6 in. x 4 in.	F	106	D
▶ 340156	EQK-750	575	7.2	7.5	1.15	8.63	NSF ³	6 in. x 4 in.	F	116	E
▶ 340157	EQK-1000	575	10.2	10	1.15	11.50	NSF ³	6 in. x 4 in.	F	146	F
▶ 340159	EQK-1500	575	15.0	15	1.15	17.25	NSF ³	6 in. x 4 in.	F	161	G
HAIR AND LINT STRAINER WITH CAM AND RAMP LID, BASKET AND HARDWARE											
340013	EQ 6X6 Strainer						NSF ⁴	6 in. x 6 in.		33	J
EQ SERIES PUMP ACCESSORIES FLANGE ASSEMBLY KITS											
357262	Flange 4 in. w/ gasket and SS hardware ¹ (See images on next page)									20	
357263	Flange 6 in. w/ gasket and SS hardware ¹ (See images on next page)									23	
357212	Flange 6 in. w/ gasket and SS hardware. For use on EQ Pumps without Strainer.									23	

¹ Thermoplastic PVC socket style.

² 'NSF' indicates that pump bears a mark signifying evaluation to NSF Standard 50 For Non Self-Priming Centrifugal Pumps For Swimming Pools, Spas and Hot Tubs.

³ 'NSF' indicates that pump bears a mark signifying evaluation to NSF Standard 50 For Self-Priming Centrifugal Pumps For Swimming Pools, Spas and Hot Tubs.

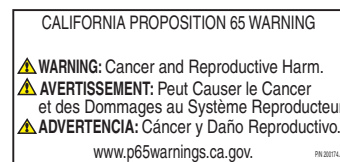
⁴ 'NSF' indicates that product bears a mark signifying evaluation to NSF Standard 50 For Materials and Components.

⁵ 'ETL' indicates that pump bears a specific ETL mark signifying evaluation to U.S. Standards UL1081 for Permanently Connected Swimming Pool and Spa Pumps and to Canadian Standards CAN/CSA C22.2 No. 108-01 Liquid Pumps For Swimming Pools And Spas. (Enclosure 3).

⁶ Product may have been evaluated to other state and local regulatory standards. Listing status may change. Always confirm status with appropriate agency if in doubt.

⁷ 'UL' indicates that pump bears a UL mark signifying evaluation to U.S. Standards UL1081 for Permanently Connected Swimming Pool and Spa Pumps and to Canadian Standards CAN/CSA C22.2 No. 108-01 Liquid Pumps For Swimming Pools Only (Enclosure 3).

⁸ 'UL' indicates that pump bears a UL mark signifying evaluation to U.S. Standards UL1081 for Permanently Connected Swimming Pool and Spa Pumps.



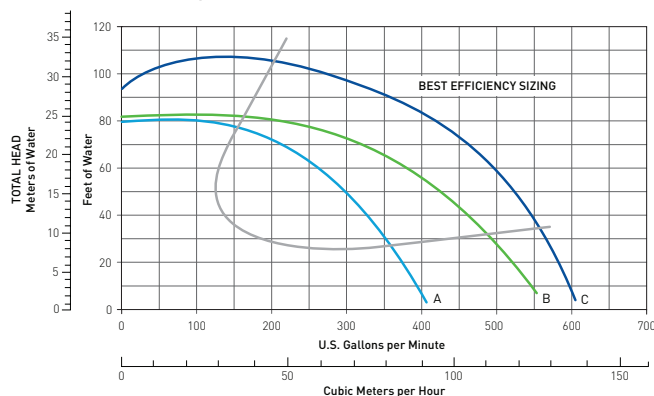
Dimensions and Performance - See next page.

EQ SERIES®

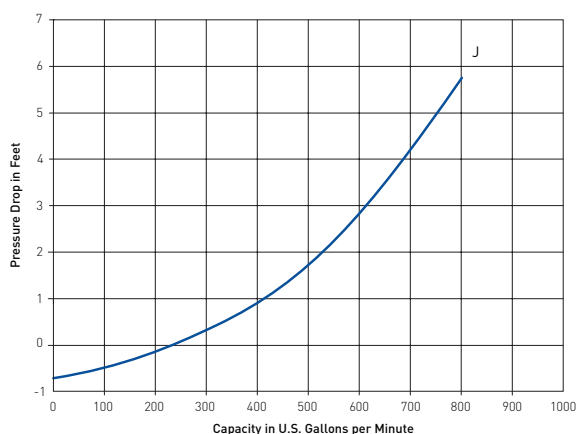
COMMERCIAL PLASTIC PUMP WITH AND WITHOUT HAIR AND LINT STRAINER (CONT'D)

Dimensions and Performance

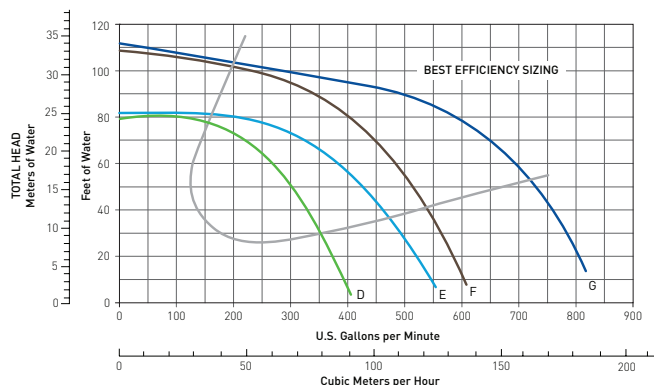
Single Phase Pumps - EQ Models



EQ Strainer Only



Three Phase Pumps - EQK Models



For detailed efficiency curves go to www.pentaircommercial.com

CALIFORNIA PROPOSITION 65 WARNING

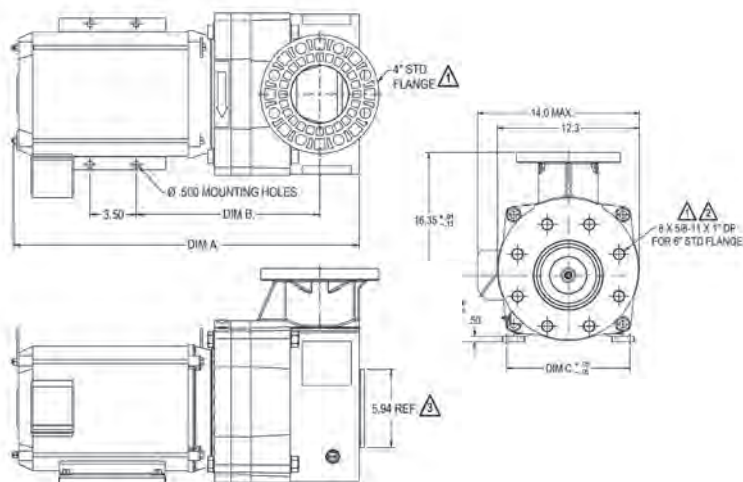
⚠ WARNING: Cancer and Reproductive Harm.
 ⚠ AVERTISSEMENT: Peut Causer le Cancer
 et des Dommages au Système Reproducteur.
 ⚠ ADVERTENCIA: Cáncer y Daño Reproductivo.
www.p65warnings.ca.gov

EQ SERIES®

COMMERCIAL PLASTIC PUMP WITH AND WITHOUT HAIR AND LINT STRAINER
(CONT'D)

Dimensions and Performance

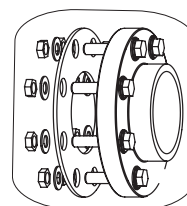
EQ Series Commercial Pump without Strainer



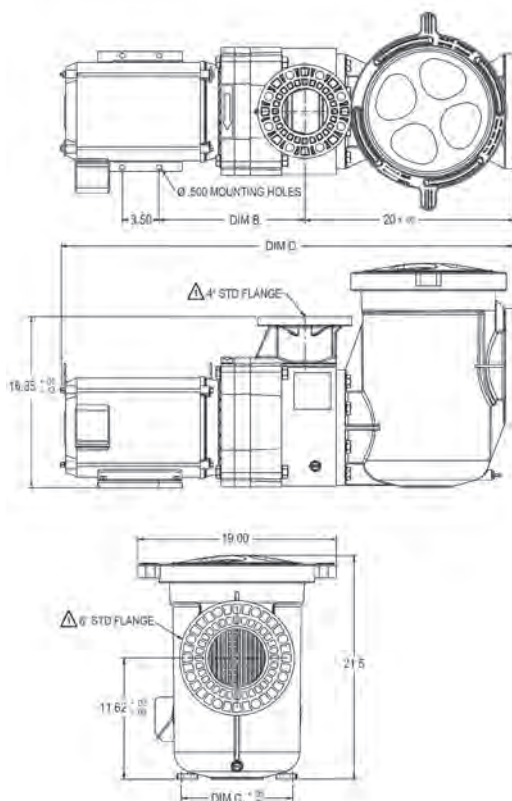
CALIFORNIA PROPOSITION 65 WARNING

⚠ 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

PR 0011A

EQ Series Pump
Flange Assembly Kit

EQ Series Commercial Pump with Strainer



Product No W/O Pot	Product No. W/ Pot	Dim A*	Dim B*	Dim C*	Dim D*
340014	340026	26.62	13.32	9.69	43.59
340017	340028	26.62	14.21	9.69	43.59
340019	340030	26.62	13.32	9.69	43.59
340021	340032	27.53	14.21	10.69	44.59
340237	340238	26.94	14.03	10.69	43.92
340016	340027	23.12	13.32	9.69	40.09
340018	340029	23.12	13.32	9.69	40.09
340020	340031	23.12	13.32	9.69	40.09
340022	340033	24.50	13.32	9.69	41.56
340023	340034	26.31	14.38	10.69	43.29
340024	340035	26.31	14.38	10.69	43.29
340148	340155	24.62	13.32	7.50	41.59
340149	340156	24.62	13.32	7.50	41.59
340150	340157	26.31	14.07	8.50	43.29
340151	340159	26.31	14.07	8.50	43.29
340608	340604	24.52	13.48	9.69	41.50
340609	340605	26.52	14.19	10.69	43.50
340610	340606	28.02	14.19	10.69	45.00
340611	340607	28.02	14.19	10.69	45.00
340086	340082	24.62	13.48	9.69	41.59
340085	340081	24.62	13.48	9.69	41.59
340084	340080	28.31	14.19	10.69	45.29
340083	340049	28.31	14.19	10.69	45.29
340048	340046	28.31	14.19	10.69	45.29
340047	340045	28.31	14.19	10.69	45.29

* This value may vary slightly depending upon manufacturer and motor design.

- ⚠ FASTENERS AND O-RING ARE INCLUDED WITH PENTAIR POOL PRODUCTS EQ 6X6 STRAINER TO CONNECT STRAINER DIRECTLY TO EQ SERIES PUMP. IF PUMP IS TO BE INSTALLED WITHOUT STRAINER MAKE BOTH CONNECTIONS PER NOTE 1.
 ⚠ USE ANSI CLASS 150 PLASTIC FLANGE AND 1/8 in. THICK CLASS 150 FULL FLANGE GASKET TO MAKE CONNECTION.
 ⚠ THIS DIAMETER FITS INSIDE 6 in. SCH 40 PIPE. DO NOT USE SCH 80 PIPE AS FINAL PIPE SIZE WHEN MAKING THIS FLANGE CONNECTION.

C SERIES®

COMMERCIAL BRONZE PUMPS



C Series Commercial Bronze Pump

Bronze volute and pot, coated cast iron foot, flanged connections, 6 in. suction, 4 in. discharge.

Featured Highlights

- Large commercial pump with s/s basket
- Easy serviceability
- All-bronze construction for strength and durability
- 6 in. suction and 4 in. discharge for maximum capabilities
- Heavy-gauge stainless steel strainer basket with an open area 5 times the area of the suction port
- Closed impeller for longer motor bearing life
- Heat-resistant seal capable of operation at up to 150°
- Available in single and three-phase, 50 and 60-Hertz models
- For 200-208v applications order 200-208v model pump

Ordering Information

Product	Description	Voltage	Amps	HP	SF	SFHP	Primary Listings and Certifications ²	Motor Class	Port Size (ANSI Flange)	Carton Wt. (Lbs.)	Curve Key
NEMA RATED STANDARD EFFICIENCY THREE PHASE 220/440V											
► 011657	CHK-50	220/440	13.0/6.5	5	1.15	5.75	NSF ¹	F	6 in. x 4 in.	336	A
► 011658	CHK-75	220/440	18.4/9.2	7-1/2	1.15	8.63	NSF ¹	F	6 in. x 4 in.	349	B
► 011659	CHK-100	220/440	25.3/12.6	10	1.15	11.50	NSF ¹	B	6 in. x 4 in.	376	C
► 011660	CHK-150	220/440	37.5/18.8	15	1.15	17.25	NSF ¹	B	6 in. x 4 in.	398	D
► 011661	CHK-200	220/440	49.0/24.6	20	1.15	23.00	NSF ¹	F	6 in. x 4 in.	403	E

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

► This product either meets or is exempt from the DOE Dedicated Purpose Pool Pump regulation. This product will remain available after the DOE regulation takes effect in July 2021.

SEE PAGE 427 FOR REPLACEMENT PARTS

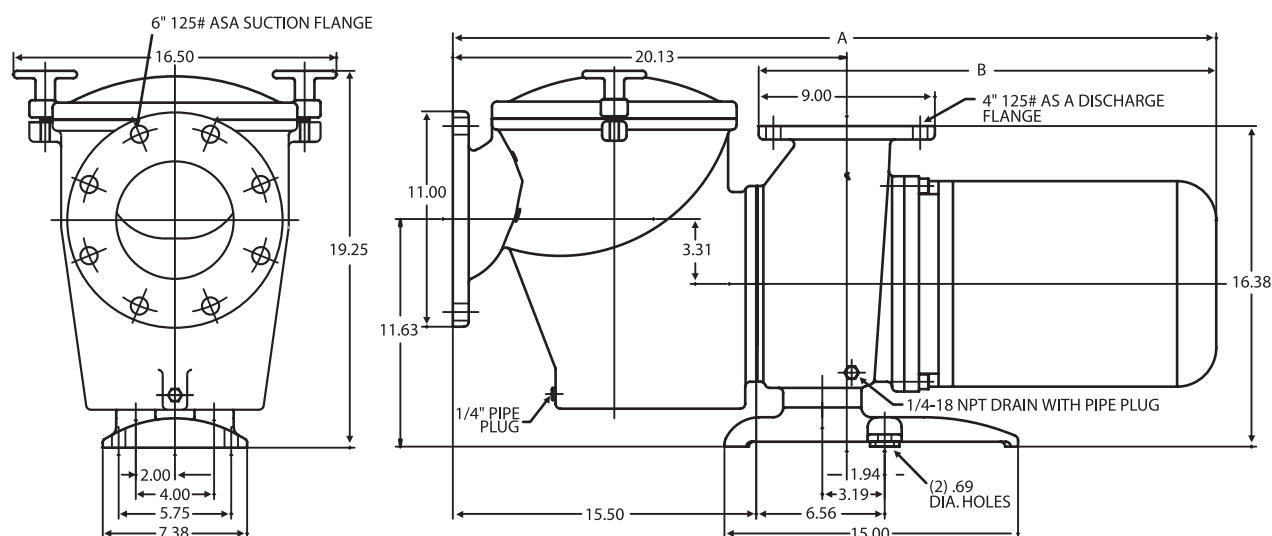
C SERIES®**COMMERCIAL BRONZE PUMPS (CONT'D) WITH HAIR AND LINT STRAINER**

Product	Description	Voltage	Amps	HP	SF	SFHP	Primary Listings and Certifications ²	Motor Class	Port Size (ANSI Flange)	Carton Wt. (Lbs.)	Curve Key
NEMA RATED STANDARD EFFICIENCY THREE PHASE 575V											
▶ 347967	CHK-50	575	5.6	5	1.15	5.75	NSF ¹	F	6 in. x 4 in.	336	A
▶ 347935	CHK-200	575	19.5	20	1.15	23.00	NSF ¹	F	6 in. x 4 in.	406	E
NEMA RATED STANDARD EFFICIENCY THREE PHASE 380-415V- 50 HZ											
▶ 014884	CHKL-200	380-415	28.0-26.0	20	1.15	23.00	NSF ¹	F	6 in. x 4 in.	403	

▶ This product either meets or is exempt from the DOE Dedicated Purpose Pool Pump regulation. This product will remain available after the DOE regulation takes effect in July 2021.

¹ "NSF" indicates that pump has been certified to NSF/ANSI 50, the Standard for Equipment for swimming pools, spas, hot tubs and other recreational water features.

² Product may have been evaluated to other state and local regulatory standards. Listing status may change. Always confirm status with appropriate agency if in doubt.

Dimensions and Performance

PUMP DIMENSIONS			
THREE-PHASE AMPS @ 220/440 & 380/415 V			
HP	AMPS	A	B
5	14	34.88	19.50
7.5	20	35.88	20.50
10	26	36.88	22.50
15	38	37.38	22.00
20	46	37.88	23.50

PUMP DIMENSIONS			
SINGLE-PHASE AMPS @ 230 VOLTS			
HP	AMPS	A	B
5	26	35.50	20.50
7.5	37	35.88	20.50

PUMP DIMENSIONS			
SINGLE-PHASE AMPS @ 200 VOLTS			
HP	AMPS	A	B
5	29	35.50	20.50
7.5	39.6	35.88	20.50

NOTES:

- BOTH "A" AND "B" DIMENSIONS ARE APPROXIMATE IT DEPENDS ON MOTOR MANUFACTURER.
- ALL DIMENSIONS ARE IN INCHES AND MAY VARY $\pm .25$.

C SERIES®

COMMERCIAL BRONZE PUMPS (CONT'D) WITHOUT HAIR AND LINT STRAINER



C Series Commercial Bronze Pump
without Hair and Lint Strainer

Featured Highlights

- High-performance motors for maximum flow
- All-bronze construction for strength and durability
- 5 in. suction and 4 in. discharge for maximum capabilities
- Closed impeller for longer motor bearing life
- Heat-resistant seal capable of operation at up to 150°
- Available in single and three-phase, 50 and 60-hertz models
- For 200-208v applications order 200-208v model pump

Ordering Information

Product	Description	Voltage	Amps	HP	SF	SFHP	Primary Listings and Certifications ³	Motor Class	Port Size (ANSI Flange)	Carton Wt. (Lbs.)	Curve Key
C SERIES & AURORA PUMP ACCESSORIES FLANGE ASSEMBLY KITS											
357260	Flange 5 in. w/ gasket and SS hardware ¹									22	
357262	Flange 4 in. w/ gasket and SS hardware ¹									20	
357263	Flange 6 in. w/ gasket and SS hardware ¹									23	

► This product either meets or is exempt from the DOE Dedicated Purpose Pool Pump regulation. This product will remain available after the DOE regulation takes effect in July 2021.

¹ Thermoplastic PVC socket style

² 'NSF(1)' indicates that pump bears a mark signifying evaluation to NSF Standard 50 For Non Self-Priming Centrifugal Pumps For Swimming Pools, Spas and Hot Tubs.

³ Product may have been evaluated to other state and local regulatory standards. Listing status may change. Always confirm status with appropriate agency if in doubt.

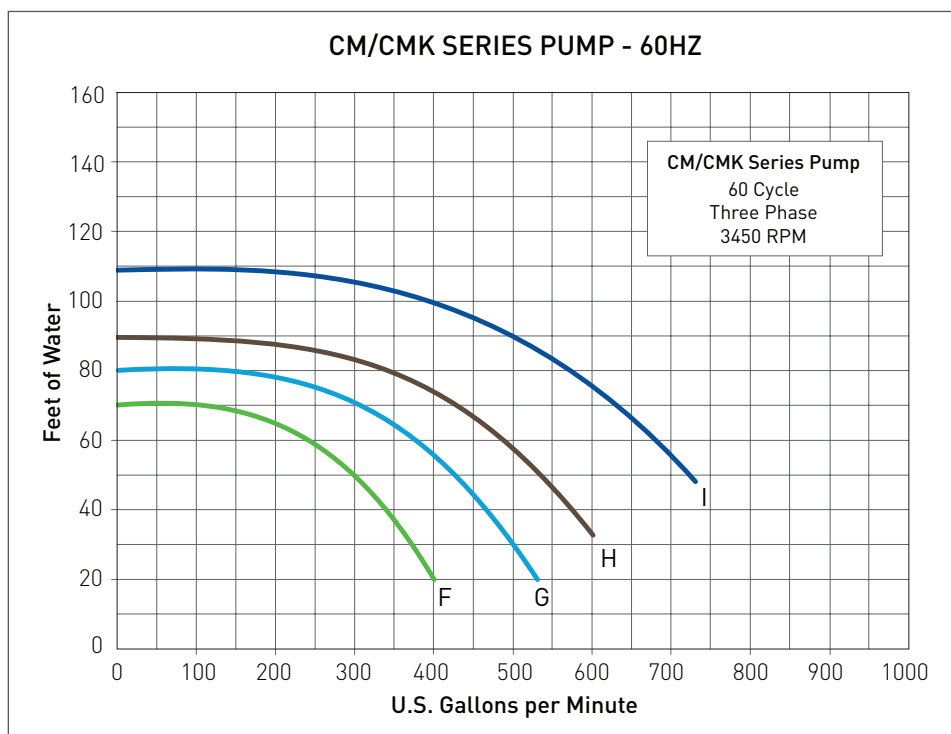
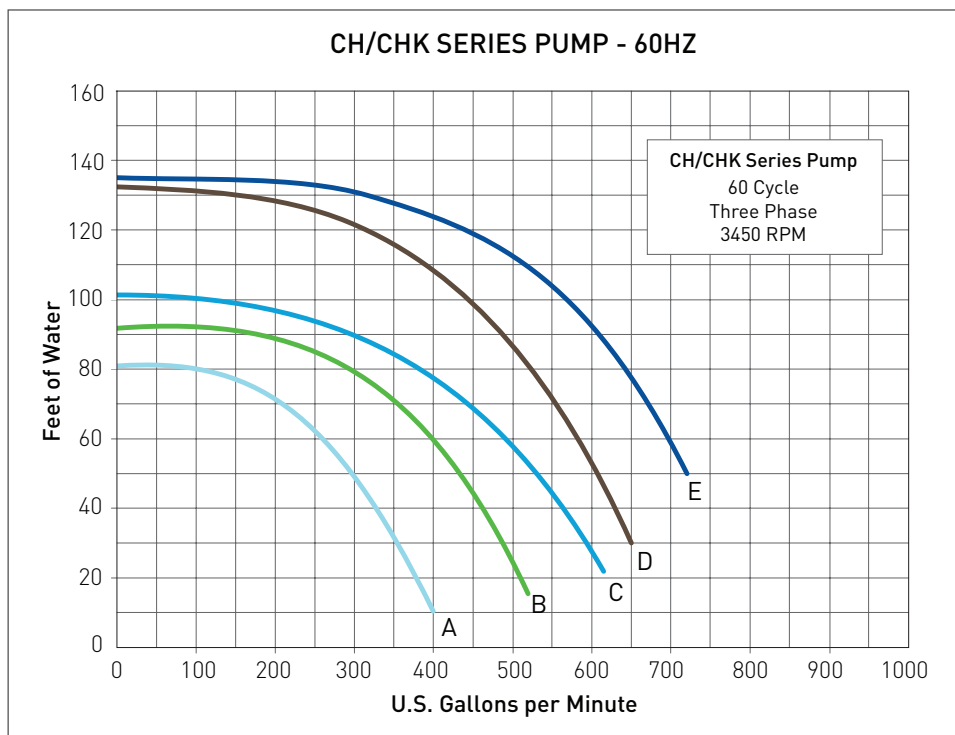
CALIFORNIA PROPOSITION 65 WARNING

⚠ **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

SEE PAGE 427 FOR REPLACEMENT PARTS

C SERIES®

COMMERCIAL BRONZE PUMPS (CONT'D) WITH HAIR AND LINT STRAINER

Dimensions and Performance

For detailed efficiency curves go to www.pentaircommercial.com

SEE PAGE 427 FOR REPLACEMENT PARTS

CALIFORNIA PROPOSITION 65 WARNING

⚠ **WARNING:** Cancer and Reproductive Harm.
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www.p65warnings.ca.gov

CSP/CCSP SERIES™

COMMERCIAL SELF-PRIMING PUMP



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 PA 282514

CSP/CCSP Series
 Commercial Self-Priming
 Pump with PKG 184
 Strainer (sold separately)

Featured Highlights

- Especially designed for commercial and public swimming pools and spas, aquatic facilities, water parks, and fountain applications where high performance and self-priming are required
- Pump has enclosed bronze impeller and standard 6 in. x 4 in. A.N.S.I. rated flange connections
- The pump strainer (order separately) has capacity of 1,100 cubic inches. Both pump and strainer can be ordered with optional epoxy coated castings to provide additional performance and corrosion resistance

Ordering Information

Product	Voltage	Amps ¹	HP	SF	SFHP	Primary Listings and Certifications ⁴	Port Size (ANSI Flange)	Carton Wt. (Lbs.)	Curve Key
NEMA RATED STANDARD EFFICIENCY SINGLE PHASE EPOXY COATED CAST IRON									
▶ CCSPHK-142	230	39	7.5	1.15	8.63	NSF ²	6 in. x 4 in.	270	E
▶ CCSPHL-143	230	46	10	1.15	11.50	NSF ²	6 in. x 4 in.	275	F
NEMA RATED STANDARD EFFICIENCY THREE PHASE CAST IRON									
▶ CSPHK3-142	230/460	21.2-19.2/9.6	7-1/2	1.25	9.38	NSF ²	6 in. x 4 in.	265	A
▶ CSPHL3-143	230/460	27.6-24.4/12.2	10	1.25	12.50	NSF ²	6 in. x 4 in.	270	B
▶ CSPHM3-144	230/460	44.2-40/20	15	1.25	18.75	NSF ²	6 in. x 4 in.	280	C
▶ CSPHN3-145	230/460	55.3-50/25	20	1.25	25.00	NSF ²	6 in. x 4 in.	325	D
NEMA RATED STANDARD EFFICIENCY THREE PHASE CAST IRON - 200V ⁶									
▶ CSPH2K3-142	200	22.1	7-1/2	1.15	8.63	NSF ²	6 in. x 4 in.	265	A
▶ CSPH2L3-143	200	28.1	10	1.25	12.50	NSF ²	6 in. x 4 in.	270	B
▶ CSPH2M3-144	200	42.3	15	1.25	18.75	NSF ²	6 in. x 4 in.	280	C
▶ CSPH2N3-145	200	57.3	20	1.25	25.00	NSF ²	6 in. x 4 in.	350	D
NEMA RATED STANDARD EFFICIENCY THREE PHASE EPOXY COATED CAST IRON									
▶ CCSPHK3-142	230/460	21.2-19.2/9.6	7-1/2	1.25	9.38	NSF ²	6 in. x 4 in.	265	E
▶ CCSPHL3-143	230/460	27.6-24.4/12.2	10	1.25	12.50	NSF ²	6 in. x 4 in.	270	F
▶ CCSPHM3-144	230/460	44.2-40/20	15	1.25	18.75	NSF ²	6 in. x 4 in.	280	G
▶ CCSPHN3-145	230/460	55.3-50/25	20	1.25	25.00	NSF ²	6 in. x 4 in.	325	H
NEMA RATED STANDARD EFFICIENCY THREE PHASE EPOXY COATED CAST IRON - 200 V ⁶									
▶ CCSPH2K3-142	200	22.1	7-1/2	1.15	8.63	NSF ²	6 in. x 4 in.	265	E
▶ CCSPH2L3-143	200	28.1	10	1.25	12.50	NSF ²	6 in. x 4 in.	270	F
▶ CCSPH2M3-144	200	42.3	15	1.25	18.75	NSF ²	6 in. x 4 in.	280	G
▶ CCSPH2N3-145	200	57.3	20	1.25	25.00	NSF ²	6 in. x 4 in.	350	H
ACCESSORIES FOR CSP/CCSP SERIES									
PKG 184	Strainer for CSP/CCSP 6 in. ANSI flange (1,100 cu. in. capacity)					NSF ³	6 in. x 6 in.	180	I
PKG 184C	Same as PKG 184 Except Strainer is Epoxy Coated					NSF ³	6 in. x 6 in.	180	I
357262	Flange 4 in. w/ gasket and SS hardware ⁵							20	
357263	Flange 6 in. w/ gasket and SS hardware ⁵							23	

▶ This product either meets or is exempt from the DOE Dedicated Purpose Pool Pump regulation. This product will remain available after the DOE regulation takes effect in July 2021.

¹ Amp draw may vary depending on motor manufacturer.

² 'NSF(1)' indicates that pump bears a mark signifying evaluation to NSF Standard 50 For Self-Priming Centrifugal Pumps For Swimming Pools And Spas.

³ 'NSF(2)' indicates that product bears a mark signifying evaluation to NSF Standard 50 For Materials and Components.

⁴ Product may have been evaluated to other state and local regulatory standards. Listing status may change. Always confirm status with appropriate agency if in doubt.

⁵ Thermoplastic PVC socket style.

⁶ For 208 volt applications, use 200v model options.

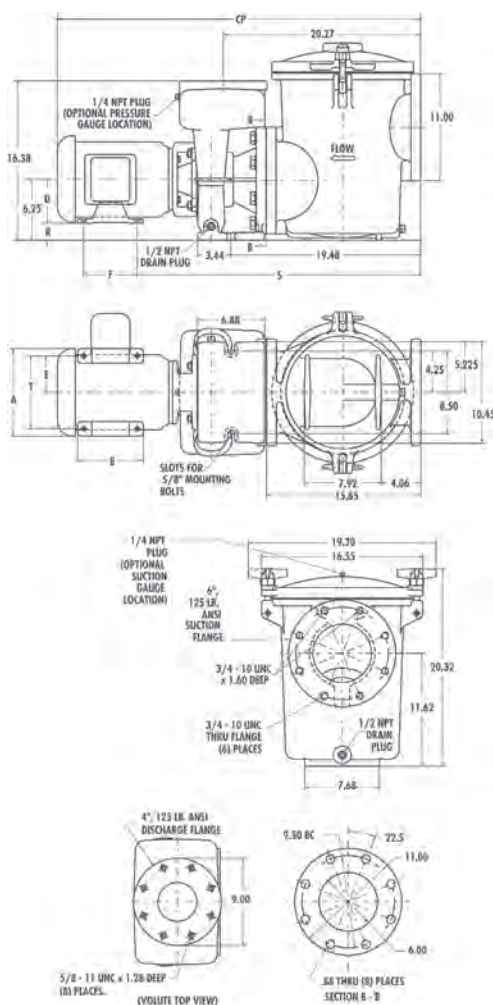
CSP/CCSP SERIES™

COMMERCIAL SELF-PRIMING PUMP (CONT'D)

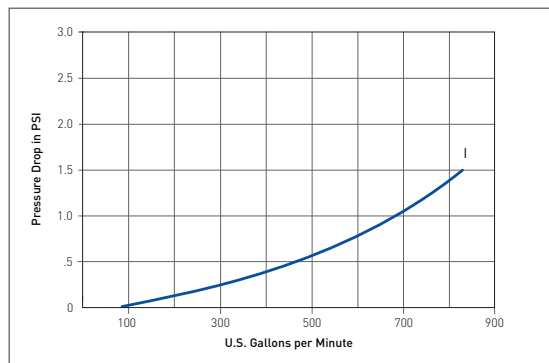
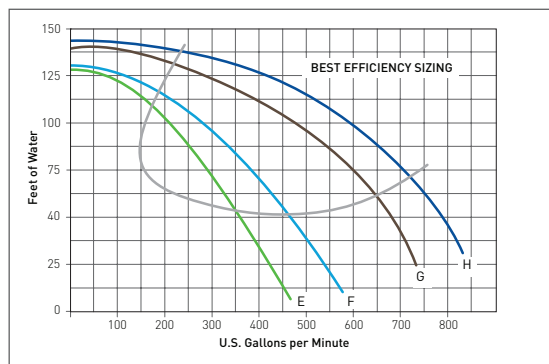
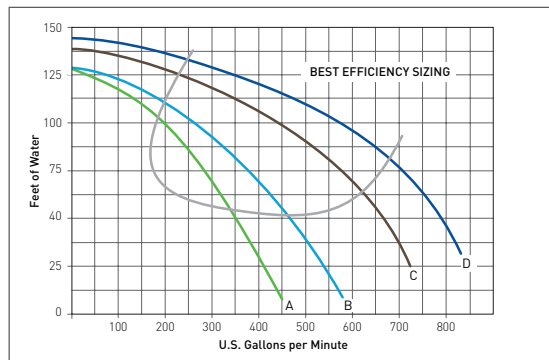
Featured Highlights

Options: CCSP Models feature special epoxy coated castings for maximum performance and corrosion resistance. 60 Hz T.E.F.C., 60 Hz premium efficiency, or 575 volt motors available. Inverter duty rated class F motors available for most models. Contact factory for details.

Note: Maximum ambient temperature for motor is 104°F (40°C). All pump motors require external overload protection (magnetic starter). Pump strainer must be ordered separately. Full load amps on motor model plate.



Dimensions and Performance



CALIFORNIA PROPOSITION 65 WARNING

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 ⚠ **ADVERTENCIA:** Cáncer y Daño Reproductivo.

www.p65warnings.ca.gov

PH200714

Catalog Number	A	B	CP	D	E	F	R	S	T
CSPHK, CCSPHK	10.62	7.00	39.44	5.25	4.25	5.50	1.00	30.00	8.50
CSPHK3, CCSPHK3, CSPH2K3	9.00	6.75	40.31	4.50	3.75	5.50	1.75	29.13	7.50
CSPHL, CCSPHL	10.35	8.26	42.69	5.25	4.25	7.00	1.00	30.00	8.50
CSPHL3, CCSPHL3	10.62	7.00	41.00	5.25	4.25	5.50	1.00	30.00	8.50
CSPHM3, CCSPHM3	10.62	8.50	42.50	5.25	4.25	7.00	1.00	30.00	8.50
CSPH2L3, CSPH2M3	10.62	8.50	42.50	5.25	4.25	7.00	1.00	30.00	8.50
CSPHN3, CCSPHN3	12.50	10.80	46.75	6.25	5.00	8.20	0.00	31.62	10.00
CSPH2N3, CCSPH2N3	13.38	12.44	48.50	6.25	5.00	10.00	0.00	31.65	10.00

All dimensions shown in inches.

SEE PAGE 427 FOR REPLACEMENT PARTS

5CSP/5CCSP SERIES™

50 HERTZ COMMERCIAL SELF-PRIMING PUMP



5CSP/5CCSP Series Commercial Self-Priming Pump
with PKG 184 Strainer Pot (sold separately)

Featured Highlights

- Especially designed for commercial and public swimming pools and spas, aquatic facilities, water parks, and fountain applications where high performance and self-priming are required
- Pump has enclosed bronze impeller and standard 6 in. x 4 in. A.N.S.I. flange connections
- The pump strainer (order separately) has capacity of 1,100 cubic inches. Both pump and strainer can be ordered with optional epoxy coated castings to provide additional performance and corrosion resistance

- **Note: 50 hertz pumps cannot be used in North America.**

Ordering Information

Product	Voltage	Amps ¹	HP	SF	SFHP	Primary Listings and Certifications ³	Port Size (ANSI Flange)	Carton Wt. (Lbs.)	Curve Key
SINGLE PHASE CAST IRON WITHOUT STRAINER- 50 HZ									
▶ 5CSPHJ-142	220-240	35.5-32.5	5	1.00	5		6 in. x 4 in.	270	A
▶ 5CSPHK-143	220-240	43.0-39.4	7-1/2	1.00	7-1/2		6 in. x 4 in.	280	B
THREE PHASE CAST IRON WITHOUT STRAINER- 50 HZ									
▶ 5CSPHJ3-142	220-240/380-415	13.0/6.9	5	1.00	5		6 in. x 4 in.	260	A
▶ 5CSPHK3-143	220-240/380-415	20.7-21.5/12.0/12.4	7-1/2	1.00	7-1/2		6 in. x 4 in.	270	B
▶ 5CSPHL3-144	220-240/380-415	27.0-27.5/15.6-15.9	10	1.00	10		6 in. x 4 in.	280	C
▶ 5CSPHM3-145	220-240/380-415	38.9-20.6	15	1.00	15		6 in. x 4 in.	300	D
THREE PHASE EPOXY COATED CAST IRON WITHOUT STRAINER - 50 HZ									
▶ 5CCSPHJ3-142	220-240/380-415	13.0/6.9	5	1.00	5		6 in. x 4 in.	260	A
▶ 5CCSPHK3-143	220-240/380-415	20.7-11.0	7-1/2	1.00	7-1/2		6 in. x 4 in.	270	B
▶ 5CCSPHL3-144	220-240/380-415	26.9-14.3	10	1.00	10		6 in. x 4 in.	280	C
▶ 5CCSPHM3-145	220-240/380-415	38.9-20.6	15	1.00	15		6 in. x 4 in.	300	D
ACCESSORIES FOR 5CSP/5CCSP SERIES									
PKG 184	Strainer for CSP/CCSP 6 in. ANSI flange (1,100 cu. in. capacity)					NSF ⁴	6 in. x 6 in.	180	I
PKG 184C	Same as PKG 184 Except Strainer is Epoxy Coated					NSF ⁴	6 in. x 6 in.	180	I
357262	Flange 4 in. w/ gasket and SS hardware ²							20	
357263	Flange 6 in. w/ gasket and SS hardware ²							23	

▶ This product either meets or is exempt from the DOE Dedicated Purpose Pool Pump regulation. This product will remain available after the DOE regulation takes effect in July 2021.

¹ Amp draw may vary depending on motor manufacturer. Full load amps on motor model plate.

² Thermoplastic PVC socket style.

³ Product may have been evaluated to other state and local regulatory standards. Listing status may change. Always confirm status with appropriate agency if in doubt.

⁴ 'NSF(2)' indicates that product bears a mark signifying evaluation to NSF Standard 50 For Materials and Components.

CALIFORNIA PROPOSITION 65 WARNING

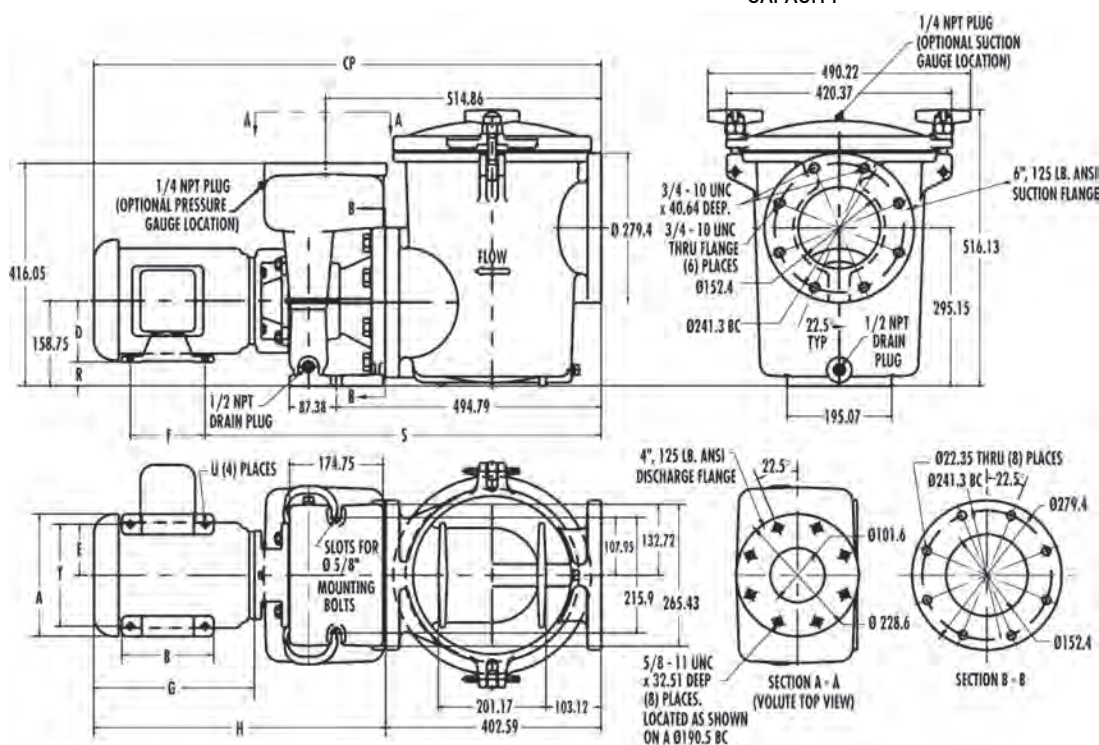
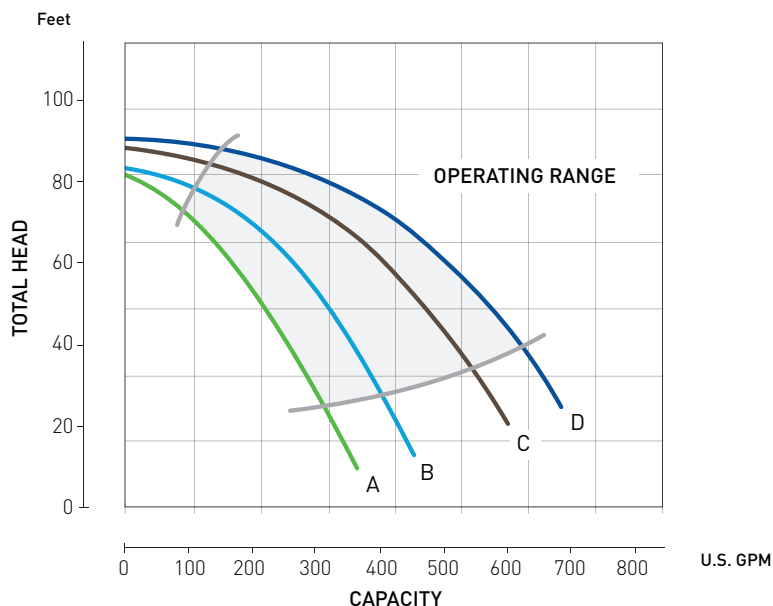
⚠ WARNING: Cancer and Reproductive Harm.
 ⚠ AVERTISSEMENT: Peut Causer le Cancer
 et des Dommages au Système Reproducteur.
 ⚠ ADVERTENCIA: Cáncer y Daño Reproductivo.
www.p65warnings.ca.gov

5CSP/5CCSP SERIES™

50 HERTZ COMMERCIAL SELF-PRIMING PUMP (CONT'D)

Dimensions and Performance

CALIFORNIA PROPOSITION 65 WARNING
 ⚠️ **WARNING:** Cancer and Reproductive Harm.
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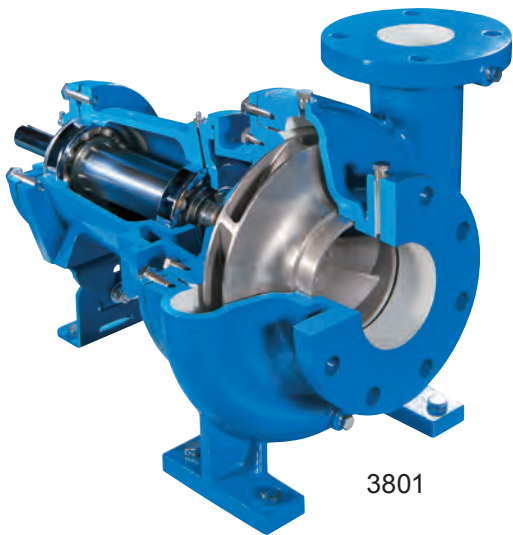
Catalog Number	A	B	CP	D	E	F	R	S	T
5CSPHJ	269.75	177.8	1039.62	133.25	107.95	139.7	25.4	733.3	215.9
5CSPHK	269.75	215.9	1075.69	133.25	107.95	177.8	25.4	733.3	215.9
5CSPHJ3	228.6	171.45	988.82	133.25	95.25	139.7	44.45	734.06	190.5
5CSPHK3	269.75	177.8	1039.62	133.25	107.95	139.7	25.4	733.3	215.9
5CSPHL3	269.75	215.9	1075.69	133.25	107.95	177.8	25.4	733.3	215.9
5CSPHM3	317.5	274.32	1185.67	158.75	127.0	209.55	—	793.75	254.0

All dimensions shown in millimeters.

SEE PAGE 427 FOR REPLACEMENT PARTS

AURORA® 3800 SERIES AND 410 SERIES

END SUCTION AND SPLIT CASE PUMPS



Featured Highlights

- Multiple configurations available
- Models to 100 ft. TDH
- Compatible with Acu Drive™ XS VF Drive
- Cast Iron Stainless Steel Fitted Models
- Flooded Suction applications
- Highly reliable performance
- NSF certified models available
- Various flow capabilities for all applications
- Epoxy Coating option available
- ODP and TEFC motors in Standard and Premium efficiency available
- PS Series In-line Strainers match up to most Aurora pumps.

Pentair now offers the Aurora 3800 Series End Suction and the 410 Series Split Case Pumps for commercial pools, spas, and other water applications. The 3800 and 410 Series are available in horizontal and vertical configurations in horsepower to 150 and flows to 8,000 GPM.

Ordering Information

Product	Description	Carton Wt. (Lbs.)
Please contact our factory (1-800-831-7133) for applications sizing, pricing, and availability.		
AURORA PUMP ACCESSORIES FLANGE ASSEMBLY KITS		
357259	Flange 2-1/2 in. w/ gasket and SS hardware ¹	16
357260	Flange 5 in. w/ gasket and SS hardware ¹	22
357261	Flange 3 in. w/ gasket and SS hardware ¹	18
357262	Flange 4 in. w/ gasket and SS hardware ¹	20
357263	Flange 6 in. w/ gasket and SS hardware ¹	23

¹ Thermoplastic PVC socket style.

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.

PA200703

SEE PAGE 427 FOR REPLACEMENT PARTS

HYDROBOOST® BOOSTER PUMP

PRESSURE-SIDE CLEANER PUMP

TRADEGRADE



HydroBoost Booster Pump

Featured Highlights

- Totally Enclosed Fan Cooled (TEFC) Motor to help reduce the chance of motor burnout
- Certified by ENERGY STAR®
- Quick installation
- Reliable operation
- THP: 0.8 WEF: 0.62

The HydroBoost Booster Pump provides high pressure water to your pressure side automatic pool cleaner. This booster pump is NOT self-priming and should not run unless the filter pump is running.

Ordering Information

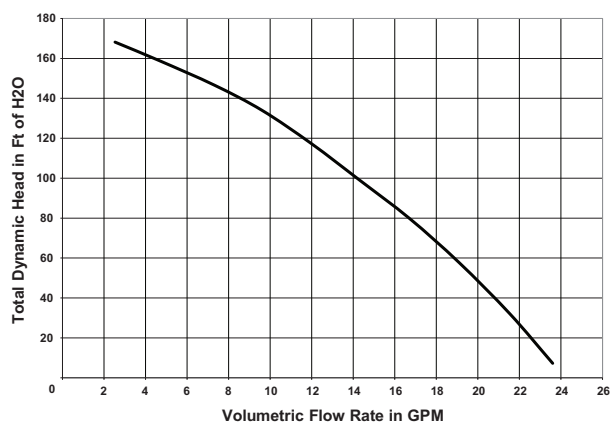
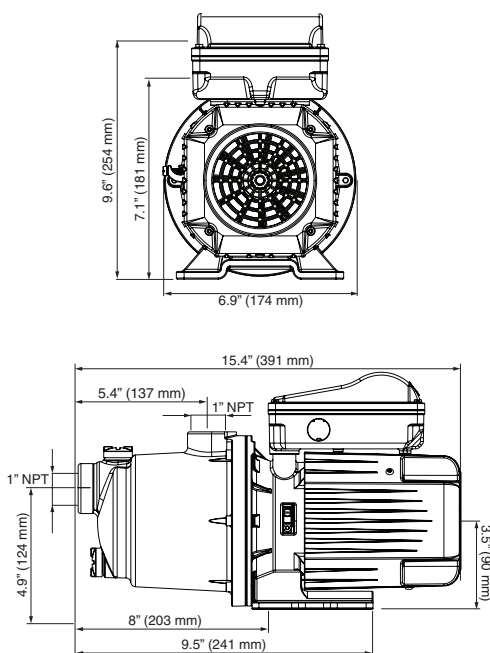
Product	Voltage	Full Load Amps	THP	WEF	Primary Listings and Certifications ²	Port Size (NPT)	Carton Wt. (Lbs.)
HYDROBOOST BOOSTER PUMP							
360526	115/230	9.0/4.5	0.8	0.62	UL ¹	1"	29.18
ACCESSORIES							
353040	Hose Kit (includes 3/4" - 1" Adapters (2); 6 ft. Hose (1))						

¹ 'UL' indicates that pump bears a specific UL mark signifying evaluation to U.S. Standards UL1081 for Permanently Connected Swimming Pool and Spa Pumps and to Canadian Standards CAN/CSA C22.2 No. 108-01 Liquid Pumps For Swimming Pools And Spas. (Enclosure 3).

² Product may have been evaluated to other state and local regulatory standards. Listing status may change. Always confirm status with appropriate agency if in doubt.

• **Pumps and replacement motors that are single speed and one (1) Total HP or greater cannot be sold, offered for sale, or installed in a residential pool for filtration use in California, Title 20 CCR sections 1601-1609.**

Dimensions and Performance



CALIFORNIA PROPOSITION 65 WARNING

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www.p65warnings.ca.gov

SEE PAGE 427 FOR REPLACEMENT PARTS

PCD-1000 SUBMERSIBLE PUMP

STAINLESS STEEL SUBMERSIBLE POOL SERVICE PUMP

Submersible Pool
Service Pump



Featured Highlights

- 115V, 60 Hz single phase, permanent split capacitor motor
- Automatic thermal overload protection
- Clog-resistant cast stainless steel impeller
- Accommodates water temperatures ranging from 32 degrees F to 130 degrees F
- Permanently lubricated ball bearings
- Equipped with 15-foot, 18/3 grounding type power cord
- Convenient top-mounted handle
- Rubber feet to reduce scratching
- Optional float switch included

The PCD-1000 submersible, portable, high capacity pump designed for use by the professional in draining pools and spas as well as for general purpose applications, now has improved flow rates, and stainless steel casing, suction strainer, impeller and shaft for greater corrosion resistance and longer service life.

The PCD-1000 can pump water down to 1-3/8 inches in depth. Debris and stones up to 3/4 inch are able to pass through the pump. It also features a 1-1/4 inch discharge port for faster draining. Discharge port adapters are included. Optional float switch included; switch stops pump when low water level reached. Remove float switch for constant run.



Adaptors included:

- 1-1/4 in. Female NPT Elbow
- 1-1/4 in. Male NPT to 1-1/2 in. Female NPT Adaptor



Optional
Float Switch
Included

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⚠ **ADVERTENCIA:** Cáncer y Daño Reproductivo.
www.p65warnings.ca.gov PR22071A

Ordering Information

Product	Description	Voltage	Full Load Amps	HP	Carton Wt. (Lbs.)
STAINLESS STEEL SUBMERSIBLE WITH BRASS BASE					
▶ PCD-1000	Submersible Utility Pump	115	6.4	3/4	15
ACCESSORIES					
ZBR46760	Replacement Float Switch				

▶ This product either meets or is exempt from the DOE Dedicated Purpose Pool Pump regulation. This product will remain available after the DOE regulation takes effect in July 2021.

Dimensions and Performance

Model	HP	Motor Full Load (Amps)	RPM	Minimum Circuit Req.	Liquid Temperature Range	Switch Setting		Pumps Down To
						On	Off	
PCD-1000	¾	6.4	3450	15 amps	32/130°F 0/54°C	12" 30 cm	6" 15.2 cm	1⅜" 3.5 cm

Pump Performance TDH/GPM						Shut Off Head
TDH	5'	10'	15'	20'	25'	28
GPM	55	45.5	36.5	25	8.5	N/A

SEE PAGE 427 FOR REPLACEMENT PARTS

PARTS-PAKS™ AND ACCESSORIES

POINT-OF-SALE, STOCK ROOM, SERVICE VEHICLE

OVERHAUL KITS – Attractive, clamshell packaging contains recommended parts for seal/gasket servicing or complete overhaul of most swimming pool/spa pumps. Reduce the need for large parts inventories, protect parts from damage, and reduce paperwork.



Pump Model by HP				
Product	PE, P2R	PEA, P2RA	PR	PRA
SEAL/GASKET KITS – Include shaft seal, gaskets, and O-rings				
PP1010	1/3	1/3, 1/2		1/2
PP1011	1/2	3/4	1/2	3/4
PP1012			3/4	1
PP1014	3/4	1		
PP1016	1	1-1/2		
PP1017	2	2-1/2	2	2-1/2
PP1018	1-1/2	2		
PP1019	3			

Pump Model by HP			
Product	CH, LT, L1	LHA, LTA, L1A	PCD
SEAL/GASKET KITS – Include shaft seal, gaskets, and O-rings			
PP1080	1/6		
PP1081	1/3	1/2	
PP1082	1/2	3/4	
PP1682			1/2

Ordering Information

Pump Model by HP			
Product	P4E, P4R	P4EA, P4RA	MPRA, MPEA
SEAL/GASKET KITS – Include shaft seal, gaskets, and O-rings			
PP4010	3/4	1	
PP4011	1	1-1/2	
PP4012	1-1/2	2	
PP4013	2	2-1/2	
PP4014	3		
PP3010			3/4
PP3011			1
PP3012			1-1/2
PP3013			2

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www.p65warnings.ca.gov

Product	Description	Carton Wt. (Lbs.)
SEAL/GASKET KITS – Include shaft seal, gaskets, and O-rings		
PP1075	LH, LHA, LT, LTA, L1, L1A - All HP	
PP3000	MPRA, MPEA - All HP	
PP1000	PE, PEA, PR, PRA, P2R, P2RA (models with copper insert pre-1998) - All HP	
PP4000	P4E, P4EA, P4R, P4RA (models with copper insert pre-1998) - All HP	
PP1200	PE, PEA, P2R, P2RA (models without copper insert beginning 1998) - All HP	
PP4200	P4E, P4EA, P4R, P4RA (models without copper insert beginning 1998) - All HP	
TRAP LID KITS – Include trap lid and trap lid o-ring		
PP2075	PE, PEA, PR, PRA, P2R, P2RA (with 5 in. trap – standard) - ALL HP	
PP4075	P4E, P4EA, P4R, P4RA, MPR, MPE (with 6 in. trap – standard) - ALL HP	
PUMP CONNECTOR UNION HALF (WILL NOT FIT DJ OR TP SERIES PUMPS)		
PKG 188Z	2 in. Union x 2 in. Slip, 2 per Pkg.	1
PKG 189	2 in. Union x 2 in. FPT, 2 per Pkg.	1
77703-0100	2 in. Union x 1-1/2 in. FPT, 2 per Pkg.	1
77703-0101	2 in. Union x 1-1/2 in. Slip, 2 per Pkg.	1
PUMP BASE NOISE REDUCER		
17350-0008	Rubber Pump Base Pad for MPR, P4R, P4E, TPR, TPE Models	1
SEAL KIT - CHEMICAL/SALT/OZONE RESISTANT EPDM & SS SEALS		
356196	Seal Quick Kit Max-E-Pro / IntelliPro and VS Pumps—Chemical/Salt/Ozone Resistant EPDM & SS	1
356197	Seal Quick Kit SuperFlo /SuperMax and VS Pumps—Chemical/Salt/Ozone Resistant EPDM & SS	
356198	Seal Quick Kit WhisperFlo/IntelliFlo and VS Pumps—Chemical/Salt/Ozone Resistant EPDM & SS	
356199	Seal Quick Kit Challenger Pumps—Chemical/Salt/Ozone Resistant EPDM & SS	
356952	Seal Quick Kit WhisperFloXF / IntelliFlo XF Pumps Chemical/Salt/Ozone Resistant EPDM & SS	
356958	Seal Quick Kit SuperFlo VST / SuperMax VST pumps After June 2019 Chemical/Salt/Ozone Resistant EPDM and SS	

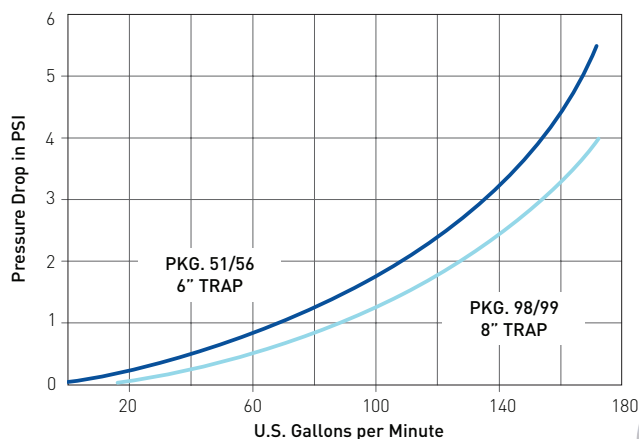
HAIR AND LINT STRAINER PACKAGES

STA-RITE

Ordering Information

Product	Description	Suction Port Size	Carton Wt. (Lbs.)
HAIR AND LINT STRAINER PACKAGES			
PKG 115	5 in. Trap with Basket (For Dura-Glas, Max-E-Glas and JWP Pumps)	1-1/2 in. NPT	5
PKG 51	6 in. Cast Iron Trap with Basket (For C, CC, and D Series Pumps)	2 in. NPT	20
PKG 98	8 in. Cast Iron Trap with Basket (For C, CC, and D Series Pumps)	3 in. NPT	40
PKG 161	6 in. PPO Resin Strainer (For P2R, PE Series, Dura-Glas and Max-E-Glas Pumps)	2 in. NPT	6
PKG 184	CSP Series Hair and Lint Strainer (1100 cu. in. capacity)	6 in. ANSI Flange	180
PKG 184C	CCSP Series Hair and Lint Strainer – Coated (1100 cu. in. capacity)	6 in. ANSI Flange	180

Dimensions and Performance



CALIFORNIA PROPOSITION 65 WARNING

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www.p65warnings.ca.gov PKG 201714



PKG 98 - 8 in.

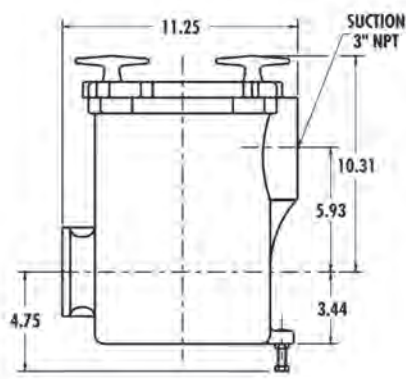


PKG 184 - 8 in.

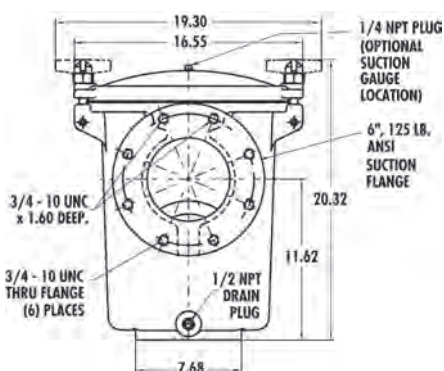


PKG 51 - 5 in. OR 6 in.

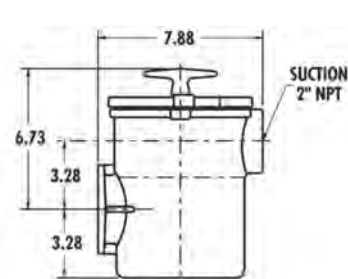
PKG 98 - 8 INCH TRAP



PKG 184/184C



PKG 51 - 6 INCH TRAP



SEE PAGE 427 FOR REPLACEMENT PARTS

CONVERSION REFERENCE CHARTS

**1 U.S. Gallon/Minute = 0.22712470704
Cubic Meter/Hour**

**1 U.S. Gallon/Minute = 0.83267418463
UK Gallon/Minute**

**1 Foot of Water/Head = 0.30487804878
Meter of Water/Head**

**1 Foot of Water/Head = 0.43352750193
Pound/Square Inch**

Pressure to Head Conversion

Feet of Water	Meters of Water	PSI
10	3.05	4.34
20	6.10	8.67
30	9.15	13.01
40	12.20	17.34
50	15.24	21.68
60	18.29	26.01
70	21.34	30.35
80	24.39	34.68
90	27.44	39.02
100	30.49	43.35
110	33.54	47.69
120	36.59	52.02
130	39.63	56.36
140	42.68	60.69
150	45.73	65.03

Volumetric Flow Rate Conversion

US Gallons per Minute	Cubic Meters per Hour	British Gallons per Minute
10	2.27	8.33
20	4.54	16.65
30	6.81	24.98
40	9.09	33.31
50	11.36	41.64
60	13.63	49.96
70	15.90	58.29
80	18.17	66.62
90	20.44	74.94
100	22.71	83.27
110	24.98	91.60
120	27.26	99.92
130	29.53	108.25
140	31.80	116.58
150	34.07	124.91
160	36.34	133.23
170	38.61	141.56
180	40.88	149.89
190	43.15	158.21
200	45.43	166.54
210	47.70	174.87
220	49.97	183.19
230	52.24	191.52
240	54.51	199.85
250	56.78	208.18
260	59.05	216.50
270	61.32	224.83
280	63.60	233.16
290	65.87	241.48
300	68.14	249.81
310	70.41	258.14
320	72.68	266.46
330	74.95	274.79
340	77.22	283.12
350	79.49	291.45
360	81.77	299.77
370	84.04	308.10
380	86.31	316.43
390	88.58	324.75
400	90.85	333.08

[illegible]



**PENTAIR
POOL**

SANITIZERS[‡] & WATER QUALITY

Updated September 2025

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



**NEW & IMPROVED
NOW AVAILABLE**

INTELLICHLOR® PLUS & LT SALT CHLORINE GENERATORS

**The leader in Salt Chlorine Generators
now gives you even more.***

The IntelliChlor Plus & LT Salt Chlorine Generators have new and improved designs — providing more serviceability, accuracy, and value than Pentair's first-generation IntelliChlor® and iChlor® Salt Chlorine Generators.

NEW FEATURES

MORE SERVICEABLE

- ◆ Modular design with replaceable electronics
- ◆ Smarter with 20+ diagnostics including warnings for troubleshooting
- ◆ Servicing is now 50%** faster when replacing sensor module

MORE ACCURATE

- ◆ Redesigned with a superior conductivity sensor
- ◆ 98% as accurate as a laboratory grade salinity meter***

MORE VALUE

- ◆ Now an acid washstand is included in the box
- ◆ Easier servicing and cleaning

*Based on data from the Pool and Hot Tub Association from United States Pool Year 2024.

**Based on internal lab testing in controlled environment comparing time to replace sensor module on IntelliChlor Plus 30 Salt Chlorine Generator to IntelliChlor 15 Salt Chlorine Generator resulting in an average time savings of 53%. Actual results may vary.

***Based on internal lab testing in controlled environment comparing salinity readings between the IntelliChlor Plus 30 Salt Chlorine Generator to a lab grade electronic salinity tester resulting in an average accuracy of 97.58%. Actual results may vary.

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Learn more at www.pentair.com/intellichlor-plus-lt

INTELLICHLOR® PLUS & LT

SALT CHLORINE GENERATOR

Featured Highlights

- Drop-in replacement for existing Pentair salt chlorine generators, which requires no additional plumbing.
- Compatible with existing IntelliChlor Power Center and Pentair automation systems.
- Modular design enables simple replacements for electronics and sensors.
- Easy-to-read LCD/LED interface with built-in diagnostic information makes service easier.
- SmartSense™ technology accurately adjusts chlorine output when the pump is off or the pool cover is detected as on.
- A redesigned conductivity sensor provides more accurate salt level readings.
- Acid cleaning kit provided with all units makes routine cleaning easier.
- Regular cycling helps prevents calcium and scale buildup to maximize cell life.
- 110 VAC or 220 VAC wiring (110 VAC option only for LT15 with Power Pack)
- Include 2 in. unions (LT 15 unions adapt to 1 ½ in.)
- UL Listed
- Certified to NSF/ANSI 50
- EPA number 102540-CA-2

TRADEGRADE



IntelliChlor Plus & LT Salt Chlorine Generators use common table salt to produce the chlorine a pool needs, effectively and automatically. It provides an alternative to buying, transporting, and storing chlorine compounds.

IntelliChlor Plus & LT Salt Chlorine Generators for U.S. Only

NEW INTELLICHLOR PLUS/LT – SCG Cell Only		
P/N	Description	Chlorine Production per 24 hrs (@100%)
523741	CELL INTELLICHLOR LT15 - U.S. ONLY	0.65 LBS
523747	CELL INTELLICHLOR LT25 - U.S. ONLY	0.9 LBS
523730	CELL INTELLICHLOR PLUS30 - U.S. ONLY	1.1 LBS
523735	CELL INTELLICHLOR PLUS40 - U.S. ONLY	1.4 LBS
523738	CELL INTELLICHLOR PLUS60 - U.S. ONLY	2.0 LBS
NEW INTELLICHLOR PLUS/LT – SCG/Power Bundles		
P/N	Description	Chlorine Production per 24 hrs (@100%)
523744	PWRBDL INTELLICHLOR LT15 - NA VERSION	0.65 LBS
523750	PWRBDL INTELLICHLOR LT25 - NA VERSION	0.9 LBS
523733	PWRBDL INTELLICHLOR PL30 - NA VERSION	1.1 LBS
NEW INTELLICHLOR PLUS/LT – Accessory Parts		
P/N	Description	
523753	PWRPK INTELLICHLOR LT15	
523764	CELL PL30 AND SENSOR REP	
523765	CELL PL40 AND SENSOR REP	
523827	CELL PL60 AND SENSOR REP	
523767	CELL LT15 AND SENS REPL	

Ordering Information

NEW INTELLICHLOR PLUS/LT – Accessory Parts	
P/N	Description
523768	CELL LT25 AND SENS REPL
523769	SENSOR MODULE REPLACEMENT
523770	HMI ELEC REPL PLUS
523775	HMI ELEC REPL LT
523759	INTELLICHLOR PLUS ACCESSORY BAG
POWER CENTERS	
520556	PWRCNTR INTELLICHLOR - US
523216	KIT PCBA UPGRADE PC100 (COVER DETECT)
ACCESSORY PARTS	
521633	KIT IC CROSS GUARD 5PK
523103	ACID WASH STAND
520595	UNIONS RPLCMNT INTLCHLOR
520734	CABLE 15' EXTENSION ASY INTELLICHLOR
523101	RETROFIT ADAPTOR
523102	SPACER CELL (FOR LT15, LT25 AND PLUS30)
520588	SPACER CELL (FOR PLUS40 AND PLUS60)
521147	INTELLICHLOR ORINGS - PACK OF TEN
521248Z	INTELLICHLOR POWER CENTER FUSE HOLDER REPLACEMENT W/FUSE 10A 250V
521034Z	INTELLICHLOR POWER CENTER PC100 SURGE BOARD REPLACEMENT
522745	INTELLICHLOR POWER CENTER AUTOMOTIVE STYLE FUSE REPLACEMENT (10A/ 58V MINI-BLADE)



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 PR020174A

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SEE PAGE 479 FOR REPLACEMENT PARTS

LEGACY INTELLICHLOR® & ICHLOR®

SALT CHLORINE GENERATOR



Legacy IntelliChlor Salt Chlorine Generator



iChlor Salt Chlorine Generator Cell

TRADEGRADE

CALIFORNIA PROPOSITION 65 WARNING

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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 DISCONTINUED - REPLACE WITH 523744			
520554	IntelliChlor IC20 Cell (US Version) DISCONTINUED - REPLACE WITH 523747	1	7	
520555	IntelliChlor IC40 Cell (US Version) DISCONTINUED - REPLACE WITH 523735	1	14	
521105	IntelliChlor IC60 Cell (US Version) DISCONTINUED - REPLACE WITH 523738	1	16	
INTELLICHLOR SALT CHLORINE GENERATOR FOR CANADA				
522109	IntelliChlor IC15 (Canadian Version) AVAILABLE IN 2025 - HEALTH CANADA APPROVED	1	9	
520911	IntelliChlor IC20 Cell (Canadian Version) AVAILABLE IN 2025 - HEALTH CANADA APPROVED	1	7	
520912	IntelliChlor IC40 Cell (Canadian Version) AVAILABLE IN 2025 - HEALTH CANADA APPROVED	1	14	
520910	IntelliChlor Power Center (Canadian Version) STILL AVAILABLE	1	14	
Product	Description	Chlorine Per 24 Hours	Carton Qty.	Carton Wt. (Lbs.)
ICHLOR SALT CHLORINE GENERATOR FOR UNITED STATES				
523009	iChlor 30 Cell Only-Retail — DISCONTINUED - REPLACE WITH 523730	1.0 Lbs	1	6
523010	iChlor 15 Cell Only-Retail — DISCONTINUED - REPLACE WITH 523741	0.6 Lbs	1	6
523080	iChlor 15 PWR PCK 110-Bundle — DISCONTINUED - REPLACE WITH 523744	0.6 Lbs	2	11
523081	iChlor 30 PWR CTR Bundle — DISCONTINUED - REPLACE WITH 523733	1.0 Lbs	2	20
LEGACY INTELLICHLOR & ICHLOR SALT CHLORINE GENERATOR ACCESSORIES				
520736	IntelliChlor Flow Switch replacement kit		1	1
521377	IntelliPH 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
521171	IntelliChlor Replacement - External Power Supply for IntelliChlor 15			
522741Z	iChlor Replacement - External Power Supply for iChlor 15			
523100	Kit-Flow Switch-iChlor Replacement			

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SEE PAGE 479 FOR REPLACEMENT PARTS

INTELLICHEM® CHEMICAL CONTROLLER

TRADEGRADE

Featured Highlights

- Auto Setup/Configuration wizard makes start-up quick and easy
- Programmable chemical feed cycle and mix times for precise water balance
- Aids in better water conditions by minimizing excess chemical addition
- Built-in Langelier Saturation Index Calculator lets you know when your water chemistry is in or out of balance
- Reduces chemical costs by adding chemicals with precision
- Flow sensor ensures chemicals won't feed without system flow
- Password-protected access prevents tampering or accidental program change
- Seamless interface with IntelliTouch®, EasyTouch®, SunTouch® Automation Systems and ScreenLogic2® Interface for chemical management
- Compatible with IntelliChlor® Salt Chlorine Generators, external dosing pumps, and CO₂ systems

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IntelliChem Chemical Controller



Chemical Tanks with on board pumps

IntelliChem Chemical Controller can work independently or in conjunction with other Pentair automation products. Its built-in Langelier Saturation Index Calculator lets pool owners know when the water is in or out of balance. IntelliChem Chemical Controller uses the same Pentair technology found in commercial installations, water parks, hotels, and community pools.

Ordering Information

Product	Description	Application
INTELLICHEM CHEMICAL CONTROLLER		
521357	Controller Only	For systems using external feed pumps, IntelliChlor, or CO ₂ . Containers ordered separately. The 521357 Controller is NSF certified.
522621	Controller and Acid Tank with Tank Mounted Pump ^{1, 2}	For systems requiring a tank and pump for feeding liquid acid
522622	Controller and Acid and Chlorine Tanks with Tank Mounted Pumps ^{1, 2}	For systems requiring tanks and pumps for feeding liquid acid and chlorine
INTELLICHEM CHEMICAL CONTROLLER ACCESSORIES		
522472	Acid Tank with Tank Mounted Pump ^{1, 2}	Convenient and innovative container for storing and feeding liquid acid. No external pump required.
522473	Chlorine Tank with Tank Mounted Pump ^{1, 2}	Convenient and innovative container for storing and feeding liquid chlorine. No external pump required
521378	Acid Container ¹ without pump	Convenient and innovative container for storing muriatic acid (must provide separate external pump or can be upgraded with the new pump on tank PN 522474)
521397	Chlorine Container without pump	Convenient and innovative container for storing chlorine (must provide separate external pump or can be upgraded with the new pump on tank PN 522474)
522480	Stenner Blue Pump on Tank Tube ² Replacement (2/pk)	Replacement tubes for blue tank mounted pump
522474	Upgrade Kit for IntelliChem Container	Upgrade older non-pump containers (521378 & 521397) with the new tank mounted pump
522478Z	Upgrade Kit for IntelliChem Controller	Upgrade controller only systems to use the new tank mounted pumps
714000070	CO ₂ Kit w/Diffuser, Solenoid, Regulator	For systems using CO ₂ to lower pH levels.
521622	IntelliChem Winterizing Kit	Includes protective end caps and solution for storing pH and ORP probes in freezing climates
521498	IntelliChem Flash Programming Kit	Upgrade IntelliChem Chemical Controllers to the latest firmware for added functionality and improved performance

¹ Pentair always recommends 1:1 dilution when using full strength muriatic acid. When mixing, remember to always add acid to water.

² Pentair recommends replacing peristaltic pump tubes every 6 months.
 Note: Always try to position container off the equipment pad (if possible).



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SEE PAGE 479 FOR REPLACEMENT PARTS

INTELLIPH® PH CONTROLLER

CHEMICAL CONTROLLER

TRADEGRADE



IntellipH Controller
Requires IntelliChlor Generator
Version 3 (2010 +)

Featured Highlights

- Can help protect pool equipment from corrosion when pH swings in and out of balance
- Acid dispensing rate adjusts with the touch of a button
- Bolts securely to the equipment pad to help prevent poolside acid spills
- Powered by either IntelliChlor® Salt Chlorine Generator Power Center or EasyTouch®/ntelliTouch® Automation systems with IntelliChlor Generator support for easy wiring and installation
- UL and cUL listed
- One-year limited warranty on electronics and metering pump
- New pump design allows for tool-less pump tube replacement

IntellipH Controller is a convenient way to regulate a swimming pool's pH level. It automatically dispenses muriatic acid into the pool to help reduce fluctuations in the pH level. The IntellipH Controller is the perfect companion for the IntelliChlor Salt Chlorine Generator, and together they can help balance pool water to keep it sparkling.

Ordering Information

Product	Description
INTELLIPH PH CONTROLLER	
521377	IntellipH controller with acid container ¹
522480	Stenner replacement head pump tubes 2-pk ²

¹ Pentair always recommends 1:1 dilution when using full strength muriatic acid. When mixing, remember to always add acid to water.

² Pentair recommends replacing peristaltic pump tubes every 6 months.

Note: Always try to position container off the equipment pad (if possible).



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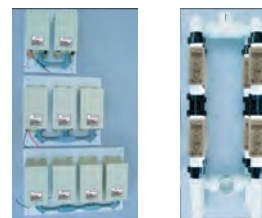
COMMERCIAL INTELLICHLOR®

SALT CHLORINE GENERATOR

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

- 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 the chlorine a pool needs, effectively and automatically.

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



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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.

Note: 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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SEE PAGE 479 FOR REPLACEMENT PARTS

COMMERCIAL INTELLICHEM[®]

COMMERCIAL CHEMICAL CONTROLLER

Featured Highlights

- Dual sanitizer[†] support
- Programmable chemical feed cycle and mix times for more precise water balance
- Aids in safer water conditions by preventing excess chemical addition in a 24-hour period
- Built-in Langelier Saturation Index Calculator lets you know when your water chemistry is in or out of balance
- Flow sensor ensures chemicals won't feed without system flow
- Password-protected access prevents tampering or accidental program change
- Use of ScreenLogic2[®] on iOS[®] device offers the ability to keep track of pH, ORP, temperature, and Calculated PPM (cPPM) levels and make adjustments locally or remotely
- Compatible with IntelliChlor[®] Salt Chlorine Generators, external dosing pumps, and CO₂ systems
- Title-22 Compliant
- IntelliChem Commercial is available on the Apple[®] App Store[®]
- 30-day data log storage of pH, ORP, cPPM, and temperature
- Battery backup for RealTime Clock (RTC)



Commercial IntelliChem
Chemical Controller

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Ordering Information

Product	Description	Application
COMMERCIAL INTELLICHEM CHEMICAL CONTROLLER		
523478	IntelliChem Commercial System No pump	The 523478 Controller is ETL certified to NSF 50 Standard. Does NOT include ScreenLogic, but available as an option.
522577	IntelliChem Commercial System 1 pump ^{1,2}	Dual support w/standalone ScreenLogic remote PC and iOS device connectivity. Pre-mounted and pre-wired on 2x2' plastic backboard. Containers ordered separately. The 522577 Controller is ETL certified to NSF 50 Standard.
522578	IntelliChem Commercial System 2 pumps ^{1,2}	Dual support w/standalone ScreenLogic remote PC and iOS device connectivity. Pre-mounted and pre-wired on 2'x2' plastic backboard. Containers ordered separately. The 522578 Controller is ETL certified to NSF 50 Standard
INTELLICHEM CHEMICAL CONTROLLER ACCESSORIES		
523492Z	Stenner 50GPD External Pump ^{1,2}	50GPD Stenner pump for feeding liquid acid or chlorine
523494	Stenner 50GPD Pump Tube 5 pk. ^{1,2}	50GPD Stenner pump tube for every 6-month replacement

¹ Pentair always recommends 1:1 dilution when using full strength muriatic acid. When mixing, remember to always add acid to water.

² Pentair recommends replacing peristaltic pump tubes every 6 months.
 Note: Always try to position container off the equipment pad (if possible).

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QUIKPURE3® OZONE SYSTEM

COMPLETE



QuikPure3 Ozone System 25,000 Gallon
(Stand Pipe)

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

Pentair QuikPure3 Ozone System releases ozone into the pool, which reduces the amount of chlorine needed to maintain proper water chemistry. Reducing the amount of chlorine needed helps relieve the potential for irritated 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)

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P650017A

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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 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
399150	Ozone Injector Manifold with Tubing Kit
399180	Ozone Injector Tubing Kit with Check Valve

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SEE PAGE 479 FOR REPLACEMENT PARTS

BIOSHIELD® UV SYSTEM

TRADEGRADE



NSF Recreational Water
CCS-18325



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

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

The BioShield UV System features 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 GPM/LPM	40 MJ/CM GPM/LPM	60 MJ/CM 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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See page 479 for replacement parts or call
Technical Service at 1-800-831-7133.



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SEE PAGE 479 FOR REPLACEMENT PARTS

BIOSHIELD®

PRO UV SYSTEM

Featured Highlights

- High quality and easy installation.
- Custom ballasts rated for indoor and outdoor use.
- Separate ballasts for installation versatility.
- Designed for use in small places and easy to hide.
- Flow switch turn-off at no flow, regardless of pressure.
- Easy drain for quick maintenance.
- Internal air bleed helps prevent trapped air in the top of the vessel.
- Automation ready.
- NSF certified; Pentair is the first to have NSF certification for a water conditioning device.
- Reduces combined chloramine by as much as 25%*.
- EPA number 091668-FL-001.

*Devices evaluated for a reduction in Combined Chlorine have demonstrated a 25% or 0.25 mg/L, whichever is greater, reduction during the test period as compared to the baseline period.

BioShield Pro UV System is effective, affordable, and NSF certified. BioShield Pro is the answer for a UV system that's effective, affordable and NSF certified. High in quality and oh-so-easy to install, this UV system has the same benefits as our residential BioShield UV System, only in a commercial body.

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TRADEGRADE



BioShield Pro
UV System

Ordering Information

Product	# Lamps	Flange	Voltage	Amps (max)	GPM @40mJ
BIOSHIELD PRO UV SYSTEM					
523575	2	4"	120/240V	2.30/1.14	136
523576	4	4"	120/240V	4.60/2.28	256
523577	4	6"	120/240V	4.60/2.28	360
523578	5	6"	120/240V	5.75/2.85	430
523579	5	8"	120/240V	5.75/2.85	550
523580	6	8"	120/240V	6.90/3.42	640

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SEE PAGE 479 FOR REPLACEMENT PARTS

COMMERCIAL BIOSHIELD® CLP UV SYSTEM



Establishing a quality 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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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	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								
CLP41A6-3N	1/130	49	33	2"	2.1/1.0	56" x 6" x 47"	24.6" x 20.2" x 10.6"	100
CLP42A6-3N	2/130	90	60	3"	3.9/2.0	56" x 6" x 47"	24.6" x 20.2" x 10.6"	100
CLP43A6-4N	3/130	125	83	3" 4"	5.8/2.9	56" x 6" x 47"	24.6" x 20.2" x 10.6"	100
CLP43A8-4N	3/130	167	111	4"	5.8/2.9	62" x 8" x 51"	24.6" x 20.2" x 10.6"	100
CLP44A8-4N	4/130	227	151	4" 6"	7.5/3.7	62" x 8" x 51"	24.6" x 20.2" x 10.6"	100
CLP45A8-4N	5/130	272	181	4" 6"	9.4/4.7	62" x 8" x 51"	30.5" x 24.9" x 12.6"	100
CLP46A10-4N	6/130	365	244	6"	11.2/5.6	64" x 10" x 51"	30.5" x 24.9" x 12.6"	75
CLP47A10-6N	7/130	430	287	6" 8"	13.3/6.5	64" x 10" x 51"	30.5" x 24.9" x 12.6"	75
ONLY AVAILABLE IN 240VAC								
CLP61A6-4N	1/320	113	75	3" 4"	1.6	85" x 6" x 76"	24.6" x 20.2" x 10.6"	100
CLP62A6-4N	2/320	200	133	3" 4"	3	85" x 6" x 76"	24.6" x 20.2" x 10.6"	100
CLP63A6-4N	3/320	279	186	3" 4"	4.5	85" x 6" x 76"	24.6" x 20.2" x 10.6"	100
CLP63A8-4N	3/320	372	247	4" 6"	4.5	85" x 6" x 76"	24.6" x 20.2" x 10.6"	100
CLP64A8-6N	4/320	505	336	4" 6"	6	85" x 6" x 76"	24.6" x 20.2" x 10.6"	100
CLP65A8-6N	5/320	606	403	6"	7.5	85" x 6" x 76"	30.5" x 24.1" x 12.6"	100
CLP66A10-8N	6/320	814	542	6" 8"	9	88" x 10" x 76"	30.5" x 24.1" x 12.6"	75
CLP67A10-8N	7/320	953	638	6" 8"	11	88" x 10" x 76"	30.5" x 24.1" x 12.6"	75

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.

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

NOTES:

[illegible]

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 helps protect 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



Certified to
NSF/ANSI Standard 50



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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	Lamps/ Watts	Flow Rate (GPM) 40 mJ/cm ²	Flow Rate (GPM) 60 mJ/cm ²	Port Size 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
ONLY AVAILABLE IN 120VAC								
522904	1/130	49	33	3"	2.1	56" x 6" x 47"	24.6" x 20.2" x 10.6"	50
522918	2/130	90	60	3"	3.9	56" x 6" x 47"	24.6" x 20.2" x 10.6"	50
522919	3/130	125	83	4"	5.8	56" x 6" x 47"	24.6" x 20.2" x 10.6"	50
522920	3/130	167	111	4"	5.8	62" x 8" x 51"	24.6" x 20.2" x 10.6"	50
522921	4/130	227	151	4"	7.5	62" x 8" x 51"	24.6" x 20.2" x 10.6"	50
522935	5/130	272	181	4"	9.4	62" x 8" x 51"	30.5" x 24.9" x 12.6"	50
522923	6/130	365	244	6"	11.2	64" x 10" x 51"	30.5" x 24.9" x 12.6"	50

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.

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QUIK DEKCLOR POOLSIDE CHLORINE FEEDER COMPLETE



Quik 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 Chlorine Feeder helps to prevent chemical wear and tear on your pump motor and filtering systems. The chlorine feeder has specially engineered inlets to 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 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

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DEKCLOR POOLSIDE CHLORINE FEEDER PARTS & ACCESSORIES

Ordering Information

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



DekClor Start Up Kit with Safety Plate



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

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SEE PAGE 479 FOR REPLACEMENT PARTS

PENTAIR AUTOMATIC CHLORINE/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.



Pentair Chlorine and Bromine Feeders

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
OFF-LINE FEEDERS				
R171016 ¹	300	Holds 11 large or 98 small tablets. Treats 12,000 to 48,000 gallons.	1	26
COMMERCIAL AND HIGH CAPACITY FEEDERS				
R171215 ¹	R171215	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	R171230	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	R171240	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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SEE PAGE 479 FOR REPLACEMENT PARTS

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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PR 202114

Ordering Information

Product	Description	Carton Qty.	Carton Wt. (Lbs.)
EXTENSIONS			
R172087	10 in. Extension doubles 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			
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			
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	
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

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SEE PAGE 479 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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SEE PAGE 479 FOR REPLACEMENT PARTS

This image shows a full page of blank, lined paper. It features approximately 28 horizontal blue or grey lines spaced evenly apart, typical of standard notebook paper. The lines extend across the entire width of the page, leaving small margins at the top and bottom. There are no vertical lines, text, or other markings present.



VALVES

Updated June 2025

DIVERTER AND CHECK VALVES – 1-1/2 IN. AND 2 IN. 2-WAY, 3-WAY, AND CHECK

263027



263026



263042



Featured Highlights

- All valves available in CPVC or PVC
- Maintenance-free PTFE coated diverter seal
- Optimum positive-seal
- High Flow Rate
- Fiberglass reinforced handle
- Withstands pressure up to 150 psi
- Chemical-resistant
- Used for diverting, shut-off, or mixing applications
- Accepts 1-1/2 in., 2 in., and 2-1/2 in. PVC plumbing
- Field-adjustable stop positions
- Plumbed with inlet at any port
- Designed to work with most industry standard actuators

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Ordering Information

Product	Description	Carton Qty.	Carton Wt. (Lbs.)
2-WAY AND 3-WAY DIVERTER VALVES			
263026	3-Way CPVC 2 in. (2-1/2 in. slip outside)	1	2
263027	2-Way CPVC 2 in. (2-1/2 in. slip outside)	1	2
263028	3-Way PVC 2 in. (2-1/2 in. slip outside)	1	2
263029	2-Way PVC 2 in. (2-1/2 in. slip outside)	1	2
263035	3-Way CPVC 1-1/2 in. (2 in. slip outside)	1	2
263036	2-Way CPVC 1-1/2 in. (2 in. slip outside)	1	2
263037	3-Way PVC 1-1/2 in. (2 in. slip outside)	1	2
263038	2-Way PVC 1-1/2 in. (2 in. slip outside)	1	2
263047	3-Way Solar Valve w/ drain-down, CPVC 2 in. (2-1/2 in. slip outside)	1	2
CHECK VALVES			
263042	Check Valve CPVC 2 in. (straight 2-1/2 in. slip outside)	1	2
263042Z	Check Valve Rebuild Kit		



263027



263029



263026



263028

PVC Valves not recommended for climates that can reach air temperatures of over 104°F.

SEE PAGE 491 FOR REPLACEMENT PARTS

FULLFLOXF® DIVERTER & CHECK VALVES 2-1/2 IN. & 3 IN.

2-WAY, 3-WAY, AND CHECK

Featured Highlights

- Valves available in CPVC for maximum heat resistance
- Maintenance-free PTFE coated diverter seal
- Optimum positive-seal
- Maximum Flow Rate, low head loss
- Chemical-resistant
- Used for diverting, shut-off, or mixing applications
- Accepts 2-1/2 in. and 3 in. PVC plumbing
- Field-adjustable stop positions
- Plumbed with inlet at any port
- Designed to work with most industry standard actuators



263059



263060



263056

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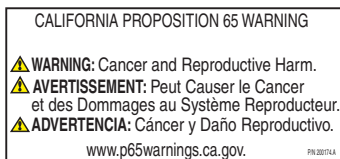
Ordering Information

Product	Description	Carton Qty	Carton Wt (Lbs)
2-WAY AND 3-WAY DIVERTER VALVES			
263056	3-Way CPVC 2.5 in. (3 in. slip outside)	1	4
263059	2-Way CPVC 2.5 in. (3 in. slip outside)	1	4
2-WAY AND 90 DEGREE CHECK VALVES			
263060	Check Valve CPVC 2.5 in. (3 in. slip outside)	1	4
270119Z	Check Valve Rebuild Kit		

PRE-PLUMBED VALVES

BACKWASH VALVES FOR 1-1/2 & 2 IN. D.E. AND SAND FILTERS

Side mounted Hi-Flow™ and Multiport Valves are designed for maximum performance and working pressures. Available in 1-1/2 and 2 in. threaded or slip models.



Featured Highlights

- PVC body
- The right valve for easy operation
- Six-position, positive-lock operation
- Special winterizing position

Ordering Information

Product	Description	Carton Qty.	Carton Wt. (Lbs.)
MULTIPORT VALVE KIT FOR FILTERS, SLIP			
261055	2 in. MPV, for Triton® & Quad D.E.® filters [SM 20-3] 7-1/2 in. Centerline	1	10
261152	2 in. MPV, for FNS®, FNS Plus & NSP filters [SM 20-2] 7-1/2 in. Centerline	1	10
261173	1-1/2 in. MPV, for Triton & Quad D.E. filters [SM 10-3] 7-1/2 in. Centerline	1	6
261177	1-1/2 in. MPV, for FNS, FNS Plus & NSP filters [SM 10-2] 7-1/2 in. Centerline	1	7
HI-FLOW VALVE KIT FOR FILTERS, SLIP			
261050	2 in., w/ bulkhead fittings, for Triton & Quad D.E. filters, 7-1/2 in. Centerline	1	11
261142	2 in., w/ bulkhead fittings, for FNS, FNS Plus & NSP filters, 7-1/2 in. Centerline	1	11
PVC SLIDE VALVE, SLIP			
263064	Push Pull Valve, 7-1/2 in. Center, PVC, Almond	1	4.5
FULLFLOXF® BACKWASH VALVES			
262507	Sta-Rite version for System 3® Mod D.E., inlet on top, with Sta-Rite offset adapters glued on	1	11
262509	Valve with filter inlet port on top, no fittings, only valve	1	10
262511	Valve with filter inlet port on bottom, no fittings, only valve	1	10
263080	Valve for Sand and Quad D.E. filters, inlet port on top, Pentair 2 in. unions glued on	1	12
263081	Valve for D.E., inlet port on bottom, Pentair 2 in. unions glued on	1	12



Hi-Flow Valve Kit
261050



PVC Slide Valve Kit
263064



Multiport Valve Kit
261055



FullFloXF Backwash
Valve Kit
263080

HI-FLOW™ VALVE

BACKWASH VALVE FOR SIDE MOUNTED SAND & D.E. FILTERS

Featured Highlights

- PVC body
- Large, one-piece handle for trouble-free operation
- Six-position, positive-lock operation
- Noryl heavy-duty diverter
- 2 in. ports for unrestricted flow
- Specific Valves for D.E. and sand applications
- Special winterizing position

The side mounted Hi-Flow valve is designed for maximum performance and working pressures. Available in 2 in. slip models.



Hi-Flow Valve 261049

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Ordering Information

Product	Description	Carton Qty.	Carton Wt. (Lbs.)
HI-FLOW VALVE			
261049	2 in. Hi-Flow Valve, no plumbing	1	10

TA TAGELUS® FILTER VALVES

1-1/2 AND 2 IN. BACKWASH VALVES FOR TOP MOUNT SAND FILTER



262525

Featured Highlights

- ABS body
- Large, one-piece handle for trouble-free operation
- Six-position, positive-lock operation
- Heavy-duty diverter
- Special winterizing position

The top mounted Hi-Flow™ and Multiport Valves are designed for maximum sand filter backwash performance and precise water flow. Available in 1-1/2 and 2 in. threaded.

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PN320174

Ordering Information

Product	Description	Carton Qty.	Carton Wt. (Lbs.)
TOP MOUNT MULTIPORT VALVES			
261185	2 in. TA D (TA 100D only), clamp, 8 in. Neck Size	1	8
262506	1-1/2 in. TA D (TA 30/40/50/60D), clamp, 6 in. Neck Size ¹	1	6
263085	2 in. (TA60, SD80, CFII26), clamp, 6 in. Neck Size without unions	1	8
262525	2 in. (TA60, SD80, CFII26), clamp, 6 in. Neck Size with unions	1	6

¹ For filters manufactured before 12-1-91.

² For filters manufactured after 12-1-91.



262506



262505



261185

SLIDE VALVES

ABS SLIDE VALVES/MULTIPORT VALVES (SIDE MOUNT)



Featured Highlights

- Six-position dial-type valves offer convenience, ease of use, and efficient operation
- Includes connecting pipe to match side ports in sand and D.E. filters
- 2 in. PVC unions for filter-to-valve connection
- Positive seal prevents leakage between ports



18201-0110

Featured Highlights

- Two-position backwash valves have minimal flow restriction
- Innovative handle design allows easier operation; pin locks valve in filter position
- Connects directly to side ports in D.E. or sand filters with 2 in. PVC unions



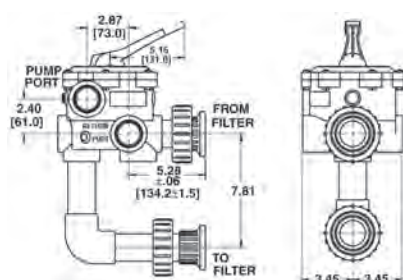
263053

Ordering Information

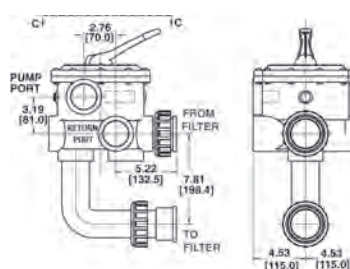
Product	Description	Valve Port Size	Carton Wt. (Lbs.)
SLIDE VALVES - UNION CONNECTION DESIGN			
263053	Push Pull Valve, 7.81 in. Center	2 in.	4
MULTIPORT VALVES - UNION CONNECTION DESIGN			
18201-0300	ABS 6-Position Valve (for System 3 Mod DE)	2 in.	8
18201-0200	ABS 6-Position Valves with piping	2 in.	10

¹ Replacement Valves for Old Design Filters.

Dimensions and Performance



1-1/2 in. Multiport Valve
18201-0110



2 in. Multiport Valve
18201-0300



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SEE PAGE 491 FOR REPLACEMENT PARTS

FLOWVIS® IN-LINE FLOW METER

VALVE ACCESSORIES & TOOLS



FlowVis In-Line Flow Meter (US Gallon Per Minute)

Featured Highlights

- Installation flexibility; installs horizontally, vertically, or even upside-down
- Can be installed with little-to-zero straight pipe requirements
- Doubles as a check valve (1.5", 2", 2.5" and 2"x2.5" models)
- Clear, easy-to-read scale in GPM or optional LPM or M3/h with velocity scale
- Installs quickly and easily with no calibration required

FlowVis In-Line Flow Meter is a unique flow meter solution for clean water applications such as swimming pools, spas, water features, and fountains. Models are available for 1.5" through 4" as well as retrofit units for existing specific 3rd party valve bodies. Models for 1.5", 2", and 2.5" pipe include an integrated check valve. Additionally, a non-check valve model is available for applications that employ an SVRS and where check valves are not permitted. All FlowVis models offer highly accurate performance and a unique ability to be installed right next to other plumbing fittings such as tees, without the need for long straight pipe runs before and after.

Ordering Information

Pentair Item #	Product Name & Description
	FLOWVIS IN-LINE FLOW METER (US GALLON PER MINUTE)
261193	Flowvis In-Line Flow Meter (US Gallon Per Minute)

FlowVis® is a registered trademark of H2flow Controls, Inc., in the United States and/or other countries.

SEE PAGE 491 FOR REPLACEMENT PARTS

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.

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PR020174A

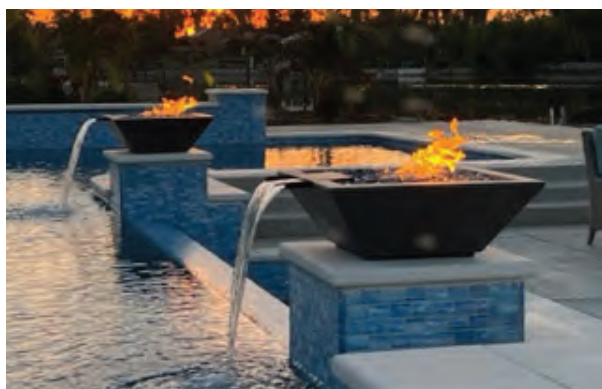


WATER FEATURES



MAGICFLAME®

FIRE AND WATER BOWL



MagicFlame Fire and Water Bowl

Dazzle a backyard oasis with the flickering of flames or relax to the soothing sounds of falling water with MagicFlame Fire and Water Bowls. With five vibrant color options to match most poolside decors, they're the perfect addition to make the pool experience a step away from paradise. Made with glass fiber reinforced concrete, MagicFlame Fire and Water Bowls can add warmth to pool ambiances and activate the swimming senses for years to come.

Featured Highlights

- Five vibrant color options to match most decors
- Beautiful ¾" Lava Rock is included
- Optional Tumbled Lava Rock and Fire Glass available
- 12 VAC Inlet Power
- Hot Surface Ignition - Robust
- Electronic ignition with weatherproof/anti-corrosion enclosure
- Convenient fire feature lighting and instant flame monitoring
- Glass fiber reinforced concrete bowls for ultimate longevity
 - Lighter and stronger than standard concrete.
- Natural gas or propane compatible
- Custom engineered burner made of corrosion resistant 304 stainless steel
- Automation compatible or operate stand alone

Ordering Information

Product	Description	Carton Qty.	Carton Wt. (Lbs.)
ROUND FIRE BOWL ONLY			
580165	Round 32" Fire Only Bowl, 12V, Bronze	1	230
580166	Round 32" Fire Only Bowl, 12V, Pewter	1	230
580167	Round 32" Fire Only Bowl, 12V, Natural	1	230
580168	Round 32" Fire Only Bowl, 12V, White	1	230
580169	Round 32" Fire Only Bowl, 12V, Black	1	230
ROUND FIRE AND WATER BOWL			
580170	Round 32" Fire and Water Bowl, 12V, Bronze	1	235
580171	Round 32" Fire and Water Bowl, 12V, Pewter	1	235
580172	Round 32" Fire and Water Bowl, 12V, Natural	1	235
580173	Round 32" Fire and Water Bowl, 12V, White	1	235
580174	Round 32" Fire and Water Bowl, 12V, Black	1	235
ROUND WATER BOWL ONLY			
580175	Round 32" Water Only Bowl, 12V, Bronze	1	230
580176	Round 32" Water Only Bowl, Pewter	1	230
580177	Round 32" Water Only Bowl, Natural	1	230
580178	Round 32" Water Only Bowl, White	1	230
580179	Round 32" Water Only Bowl, Black	1	230

Product	Description	Carton Qty.	Carton Wt. (Lbs.)
SQUARE FIRE BOWL ONLY			
580180	Square 32" Fire Only Bowl, 12V, Bronze	1	220
580181	Square 32" Fire Only Bowl, 12V, Pewter	1	220
580182	Square 32" Fire Only Bowl, 12V, Natural	1	220
580183	Square 32" Fire Only Bowl, 12 V, White	1	220
580184	Square 32" Fire Only Bowl, 12V, Black	1	220
SQUARE FIRE AND WATER BOWL			
580185	Square 32" Fire and Water Bowl, 12V, Bronze	1	225
580186	Square 32" Fire and Water Bowl, 12V, Pewter	1	225
580187	Square 32" Fire and Water Bowl, 12V, Natural	1	225
580188	Square 32" Fire and Water Bowl, 12V, White	1	225
580189	Square 32" Fire and Water Bowl, 12V, Black	1	225
SQUARE WATER BOWL ONLY			
580190	Square 32" Water Only Bowl, Bronze	1	220
580191	Square 32" Water Only Bowl, Pewter	1	220
580192	Square 32" Water Only Bowl, Natural	1	220
580193	Square 32" Water Only Bowl, White	1	220
580194	Square 32" Water Only Bowl, Black	1	220

NOTE: Actual finish and colors may vary due to slight difference in material make-up and/or the fabrication process. Please use as a guideline only.

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MAGICFLAME®

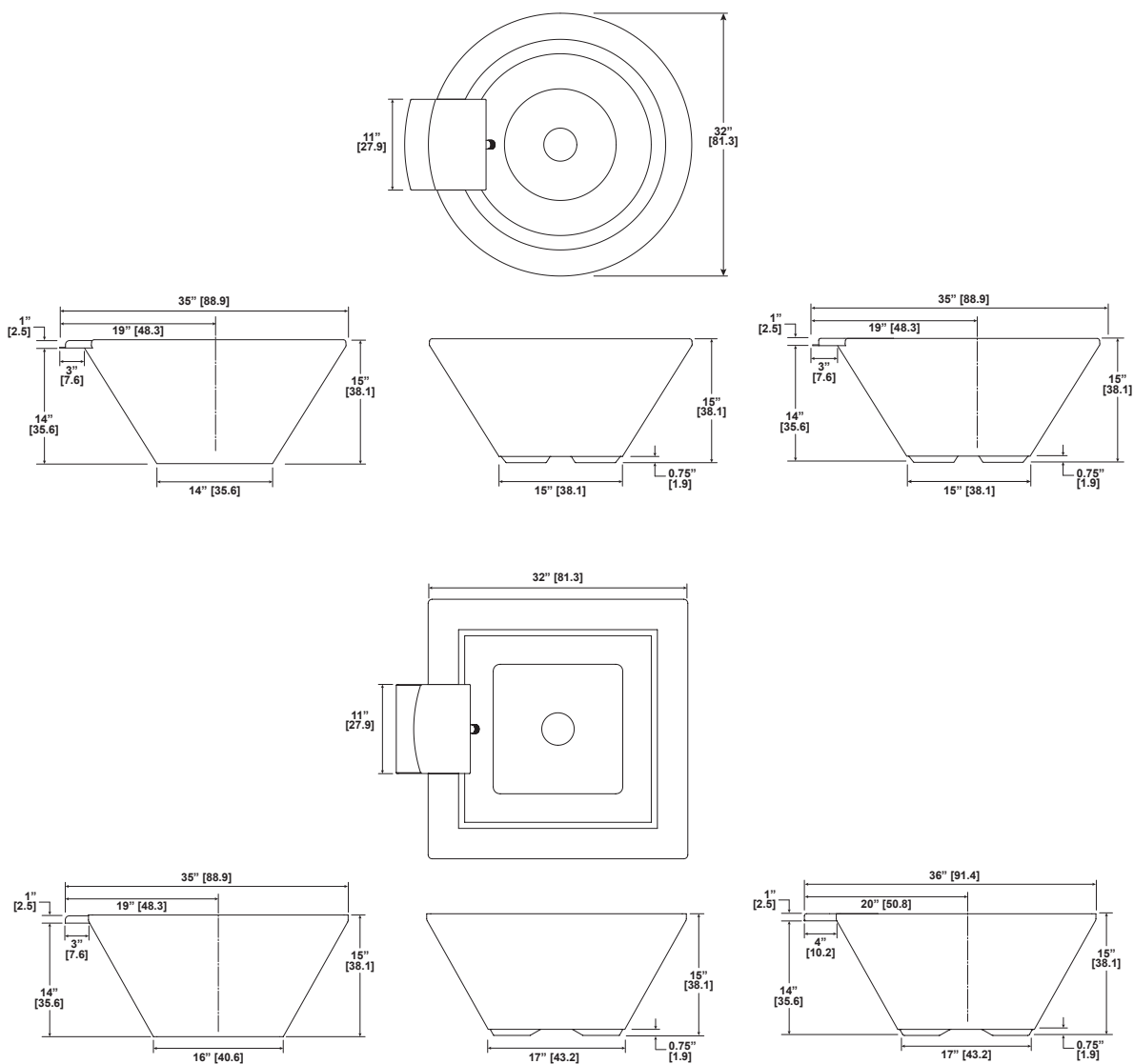
FIRE AND WATER BOWL (CONT'D)



Ordering Information

Product	Description	Carton Qty.	Carton Wt. (Lbs.)
MAGICFLAME ACCESSORIES			
590267	Lava Rock	1	25
590268	Lava Rock Tumbled	1	25
590269	Fire Glass, Black	1	25
590270	Fire Glass, Clear	1	25
590271	Fire Glass, Brown	1	25
590272	Fire Glass, Dark Blue	1	25
590273	Fire Glass, Light Blue	1	25
590274	Fire Glass, Gold	1	25
590289	Round Winterizing Cover	1	3
590290	Square Winterizing Cover	1	3

Dimensions and Performance



SEE PAGE 509 FOR REPLACEMENT PARTS

MAGICSTREAM® LAMINAR



MagicStream Laminar

TRADEGRADE



Featured Highlights

- Microprocessor-controlled LED light source has the ability to synchronize with the IntelliBrite® 5G LED Pool Lighting for dynamic and synchronized colored light shows.
- Provides five brilliant fixed colors, seven dazzling light shows.
- Nighttime lighting effects include the ability to hold on a steady color or scroll through a range of available colors.
- Installation is made flush to your deck or other surface; no unsightly edges.
- Laminar deck lids are available in tan, black, and gray.
- The technical principal behind MagicStream Laminars is to reduce turbulence and air bubbles from the water before projecting it through a finely-machined nozzle. The laminar water flow is very non-turbulent, so it keeps its surface tension and flows through the air in a smooth, clean, unbroken stream, instead of spraying apart into droplets.
- Low voltage operation of 12 VAC/16W.
- Low flow requirements allow for multiple units per pool.
- The perfect complement to IntelliBrite 5G LED Pool Lighting and IntelliBrite® Architectural Series lighting for dynamic and synchronized colored light shows.

MagicStream Laminars with synchronization with IntelliBrite 5G LED color and white lights and IntelliBrite Architectural Series lighting create clear, uniform arcs of moving water that originate from either a pool deck or surrounding landscape. At night, these translucent streams are brilliantly colored, creating a water effect that adds elegant entertainment to your poolscape. It is fully compatible with the IntelliBrite® 5G line of LED pool lights, optional Color Sync™ Controller and IntelliCenter®, EasyTouch®, and IntelliTouch® Automation Systems. Control and customize light shows using the optional ColorSync Controller for Pentair Color LED Lights or the ScreenLogic2® Interface for IntelliTouch and EasyTouch Systems Control Systems, which can be controlled remotely using a mobile device.

Ordering Information

Product	Description	Carton Qty.	Carton Wt.
MAGICSTREAM LAMINARS			
580001B	Laminar LED, Black Lid - 100 ft. cord	1	21
580001G	Laminar LED, Gray Lid - 100 ft. cord	1	21
580001T	Laminar LED, Tan Lid - 100 ft. cord	1	21
580038	Laminar LED, Tan Lid - 150 ft. cord	1	28
580040	Laminar LED, Gray Lid - 150 ft. cord	1	28
TRANSFORMERS (LANDSCAPE AND POOL RATED)			
619962	12V-14V 100W	1	12
619963	12V-14V 300W	1	12

Dimensions and Performance

Laminars Performance Data		
Gallons (US GPM)	6.0	7.5
Inlet Pressure (psi)	2.5	3.5
Height of Jet (Ft.)	5.0	6.0

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www.p65warnings.ca.gov.	PA200714

SEE PAGE 509 FOR REPLACEMENT PARTS

DECK JET & MAGICSTREAM® DECK JET II

TRADEGRADE

Featured Highlights

Deck Jet

- Deck Jet includes five interchangeable water effect eyeballs that are easy to remove and simple to change. Also Includes construction shield.
- Streams reach to eight feet, and direction can be easily adjusted.
- Low water pressure requirement for minimum impact on pump performance.

MagicStream Deck Jet II

- Height is adjustable to a maximum of six feet. Water direction is adjustable up to 360 degrees.
- Easy-to adjust nozzles enable your creativity: concentrate all streams into a single entry point, overlap streams of different heights, or create a symmetrical, multi-stream archway...and more.
- Quality design assures low water flow requirements and reduces concerns about standing water or unwanted debris collection.
- Attractive installation with no unsightly edges or screws.



Deck Jet

MagicStream
Deck Jet II

Deck Jet water effects can be cast into concrete decks and gunite pool walls, mounted in the sidewall of aboveground and vinyl-lined pools, or blended into surrounding landscapes.

MagicStream Deck Jet II creates a graceful arc of water that enters the pool with a gentle splash. The stream seems to appear magically from the pool deck since the jet installs flush and out of sight.

Ordering Information

Product	Description	Carton Qty.	Carton Wt.
DECK JET			
580000	Deck Jet	1	1
MAGICSTREAM DECK JET II			
580003	Magic Stream Deck Jet II	4	3

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SEE PAGE 509 FOR REPLACEMENT PARTS

TRIO DECK JET VARIABLE WATER FEATURE COMPLETE



Ordering Information

Product	Description	Carton Qty.	Carton Wt.
TRIO DECK JET (Fan Nozzle 2 GPM - Standard Jet Nozzle Spray 5 GPM - Triple Spray 2 GPM)			
591600	Trio Deck Jet Bronze		
580603	Trio Deck Jet Gray		
580130	Trio Deck Jet Tan		

AQUA ARCH WATER FEATURE COMPLETE



Ordering Information

Product	Description	Carton Qty.	Carton Wt.
AQUA ARCH (8-10 GPM)			
580150	Aqua Arch		

BUBBLE JET WATER FEATURE COMPLETE



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Ordering Information

Product	Description	Carton Qty.	Carton Wt.
BUBBLE JET FOUNTAIN COMPLETE (Manifold, Internal 8 GPM)			
580301	Bubble Jet White		
580303	Bubble Jet Dark Gray		

COLORVISION® BUBBLER

TRADEGRADE



Featured Highlights

- Energy-efficient color LED lights with vibrant colors
- Provides five brilliant fixed colors, seven dazzling light shows
- Designed for 2 in. - 10 in. of water depth
- Plume height up to 24 in.
- Low voltage operation of 12 VAC / 15W
- Cord length available in 30 ft., 50 ft., 100 ft., or 150 ft.
- Low flow requirements allow for multiple units per pool
- Niche provides for flush mounting
- The perfect complement to IntelliBrite® 5G LED Pool Lighting and IntelliBrite® Architectural Series lighting for dynamic and synchronized colored light shows

The ColorVision Bubbler is a combination of the ColorVision Niche and Pentair GloBrite® or MicroBrite® LED light to create vivid fountain-like water movement. It is the perfect way to showcase and enhance pool features like sun shelves, steps, beach entries, and poolscape elements like ponds and fountains. Its low voltage and minimal water flow requirements make them an ideal, energy-efficient addition to pools, fountains, ponds, and more. It is fully compatible with the IntelliBrite 5G line of LED pool lights, IntelliBrite Architectural Series, optional Color Sync Controller and IntelliCenter®, EasyTouch®, and IntelliTouch® Automation Systems. Custom program and control light shows using an indoor control panel, wireless remote, and the ScreenLogic® Interface using your smartphone, computer, or mobile digital device.

NOTE: GloBrite and MicroBrite LED Lights - sold separately

Ordering Information

Product	Description	Carton Qty.	Carton Wt.
COLORVISION LED LIGHT BUBBLER			
580037	ColorVision Gunite Niche Kit (Niche only - must order GloBrite separately)	1	6
580036	ColorVision Vinyl/Fiberglass Niche Kit (Niche only - must order GloBrite separately)	1	6

Product	Voltage	Wattage	Cord Length (Ft.)	Carton Qty.	Carton Wt. (Lbs.)
GLOBRITE COLOR LED LIGHTS					
602054	12	15W	50	1	9
602055	12	15W	100	1	9
602056	12	15W	150	1	9

Product	Voltage	Wattage	Cord Length (Ft.)	Carton Qty.	Carton Wt. (Lbs.)
GLOBRITE WHITE LED LIGHTS					
602103	12	15W	50	1	9
602104	12	15W	100	1	9
602105	12	15W	150	1	9

TRANSFORMERS (LANDSCAPE AND POOL RATED)					
619962	12V-14V	100W	1	12	
619963	12V-14V	300W	1	13	
ACCESSORIES					
618040	Adapter—MicroBrite to GroBrite				

Product	Light Output	Voltage	Wattage	Cord Length (Ft.)	Carton Qty.	Carton Wt. (Lbs.)
MICROBRITE LED LIGHT WITH GLOBRITE ADAPTER						
602165	White	12	14W	150	1	5
602166	Color	12	14W	150	1	5
602167	Warm White	12	14W	150	1	5

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www.p65warnings.ca.gov

All Pentair UL Listed underwater lights are certified for use in fresh water with up to 6,000 ppm salinity.

COLORVISION® BUBBLER



Dimensions and Certifications

All ColorVision Bubblers come with white accessories. Optional color rings are available for the the screw cover color ring and vinyl/fiberglass ring.

COLOR RINGS

590128Z Color Ring - Blue

590127Z Color Ring - Grey

590129Z Color Ring - Tan

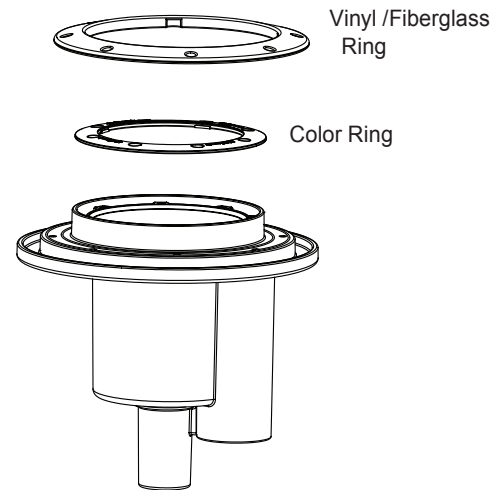
590130Z Color Ring - Black

590132Z Vinyl/Fiberglass Ring - Blue

590131Z Vinyl/Fiberglass Ring - Grey

590133Z Vinyl/Fiberglass Ring - Tan

590134Z Vinyl/Fiberglass Ring - Black



	WATER DEPTH									
	2"		4"		6"		8"		10"	
	PLUME HEIGHT									
	Nozzle Diameter									
GPM	1/2"	3/4"	1/2"	3/4"	1/2"	3/4"	1/2"	3/4"	1/2"	3/4"
15		20"	42"	11"	28"	8"	14"	6"	12"	4"
20		32"		18"		12"	24"	8'	16"	8"
25				26"		18"		12"	23"	10"
30						25"		16"		14"
35								24"		18'
40								30"		22"
45										26"

Note: Plume height may vary.

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www.p65warnings.ca.gov P1020174A

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SEE PAGE 509 FOR REPLACEMENT PARTS



WHITE GOODS

Updated June 2025



ADMIRAL™ S15 AND S20 SKIMMERS

ADMIRAL SKIMMERS FOR POOLS AND SPAS



Admiral Skimmers



Admiral Skimmer Accessories

Admiral S15 Skimmers offer a variety of bases for a wide range of plumbing and construction requirements, configurations and materials. S15 Skimmers are injection molded of high strength ABS and are available with a flap weir for skimming action.

Admiral S20 Skimmers have a PVC reinforced twin port base. S20 may be purchased with equalizer for commercial and NSF applications or for when the second port is connected to the main drain. All models include the innovative lock down lid and are available with a flap weir or the circular weir for greater skimming action.

Featured Highlights

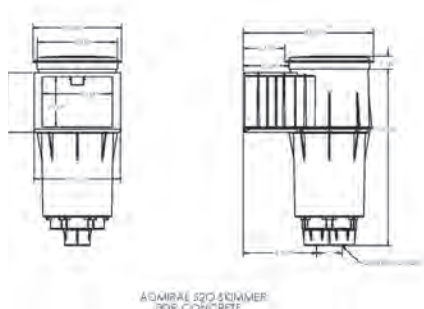
- Admiral 15 Skimmers: High strength ABS body
- Admiral S20 Skimmers: Reinforced PVC base
- Slip FIPT, 1-1/2 inch or 2 inch
- Easy to install
- Innovative lock down lid
- 1-1/2 inch and 2 inch ports
- Lid extension collars
- Flap weir or the circular weir

Ordering Information

Product	Description	Carton Qty.	Carton Wt. (Lbs.)
S15 SKIMMERS FOR CONCRETE CONSTRUCTION			
84120200	S15, circ. weir, 2 in., threaded	1	10
S20 SKIMMERS FOR CONCRETE CONSTRUCTION			
84420405	S20, flap weir, no equalizer, 1-1/2 in. slip	1	10
84420505	S20, circ. weir, equalizer, 2 in. slip ¹	1	12
84420605	S20, flap weir, equalizer, 2 in. slip ¹	1	12
84420805	S20, flap weir, no equalizer, 2 in. slip	1	10
ADMIRAL SKIMMER ACCESSORIES			
506162Z	Equalizer check valve	1	0.25
85018000	Lid with ring seat, S15 & S20, 9 in. beige	1	1
85002300	Extension collar for ring seat, adjustable to 3 in.	1	0.50
85001900	Vacuum plate adapter, S15 & S20	1	0.50
85007400Z	Lock down lid for existing Admiral skimmers, white	1	0.50
85007411	Lock down lid for existing Admiral skimmers, black	1	0.50
85007413	Lock down lid for existing Admiral skimmers, gray	1	0.50
85007430	Lock down lid for existing Admiral skimmers, tan	1	0.50
85000400	Lid/collar set, white	1	0.50

¹ NSF certified for commercial installation. Check valve 506162Z must be purchased separately.

Dimensions and Performance



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www.p65warnings.ca.gov. PWS2017A

BERMUDA™ SKIMMERS

SKIMMERS FOR GUNITE POOLS, VINYL LINER, AND FIBERGLASS POOLS

Featured Highlights

Choose among the following configurations:

- ABS or PVC
- White, black, and tan colors available
- 1-1/2 in. or 2 in. slip or threaded ports
- Optional equalizer valve

Bermuda Skimmers feature a heavy-duty one-piece construction with sturdy external ribbing for superior strength. All Bermuda Skimmers for vinyl liner and fiberglass pools are made from ABS plastic.



Gunite Skimmer

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Ordering Information

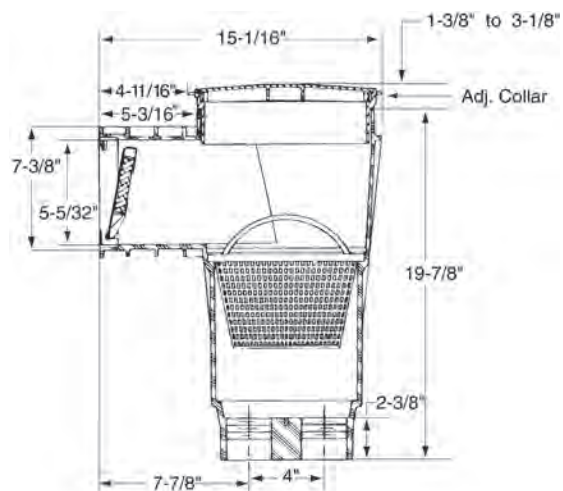
Product	Description	Material Type	Carton Qty.	Carton Wt. (Lbs.)
GUNITE SKIMMERS				
506300	2 in. Slip ports, white	PVC	1	10
506302	2 in. Slip ports, tan	PVC	1	10
506361	2 in. Slip ports, white	ABS	1	10
506365	2 in. Slip ports, black	ABS	1	10
GUNITE SKIMMERS WITH FLOAT VALVE ASSEMBLY				
506382	2 in. Slip ports, tan	ABS	1	10
506308	2 in. Slip ports with float valve, white	PVC	1	10
GUNITE SKIMMERS WITH FLOAT VALVE & EQUALIZER VALVE ASSEMBLY				
506370	2 in. slip ports, white ¹ (BKG)	PVC	1	10

¹ NSF certified.

Dimensions and Performance



Gunite Skimmer



BERMUDA™ SKIMMERS (CONT'D)



A



B



F



E

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www.p65warnings.ca.gov P65-2017-14

Ordering Information

Item	Product	Description	Carton Wt. (Lbs.)
BERMUDA ACCESSORIES			
A	506160Z	Float valve assembly	1
B	506161	Vacuum plate/insert assembly, white	0.50
C	506162Z	Equalizer valve assembly	1.3
E	516253	Gunite extension collar, white, 3-1/8 in. length	0.20
E	516258Z	Gunite extension collar, tan, 3-1/8 in. length	0.60
E	516329Z	Gunite extension collar, black, 3-1/8 in. length	0.60
F	510327	Deck lid and collar assembly with screws, dark gray	1.3
F	510332Z	Deck lid, dark gray	0.50
F	516215	Deck lid, white	0.50
F	516216	Deck lid, tan	0.50
F	516254Z	Deck lid and collar assembly with screws, white	1.3
F	516261Z	Deck lid and collar assembly with screws, tan	1.3
F	516306Z	Deck lid, black	0.50
F	516328Z	Deck lid and collar assembly with screws, black	1.3



U-3 SKIMMERS

SWIMQUIP INGROUND SKIMMERS

Ordering Information

Product	Description	Carton Qty.	Carton Wt. (Lbs.)
SKIMMERS FOR CONCRETE POOLS			
08650-1403	U-3 Skimmer White w/ White Lid & Frame, 2 in. NPT with 1-1/2 in. NPT Reducers; Incl. Float and Check Valve, Basket ¹	48	10
08650-1404	U-3 Skimmer White w/ White Lid & Frame, 2 in. Slip with 1-1/2 in. Slip Reducers; Incl. Float and Check Valve, Basket ¹	48	10
08650-3404	U-3 Skimmer Gray w/ Gray Lid & Frame, 2 in. Slip with 1-1/2 in. Slip Reducers; Incl. Float and Check Valve, Basket; NSF ¹	48	10
08650-2404	U-3 Skimmer White w/ Tan Lid & Frame, 2 in. Slip with 1-1/2 in. Slip Reducers; Incl. Float and Check Valve, Basket ¹	48	10
08650-4404	U-3 Skimmer White w/ White Lid & Frame, 2 in. Slip with 1-1/2 in. Slip Reducers; Incl. Basket w/o float	48	9
08650-6404	U-3 Skimmer Gray w/ Gray Lid & Frame, 2 in. Slip with 1-1/2 in. Slip Reducers; Incl. Basket w/o float	48	9
08650-5404	U-3 Skimmer White w/ Tan Lid & Frame, 2 in. Slip with 1-1/2 in. Slip Reducers; Incl. Basket w/o float	48	9

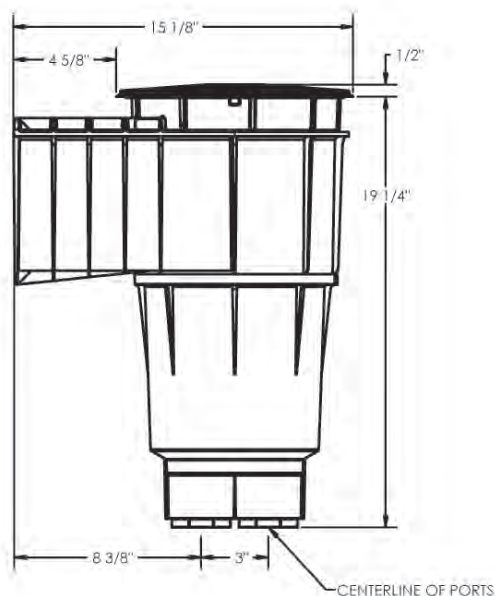
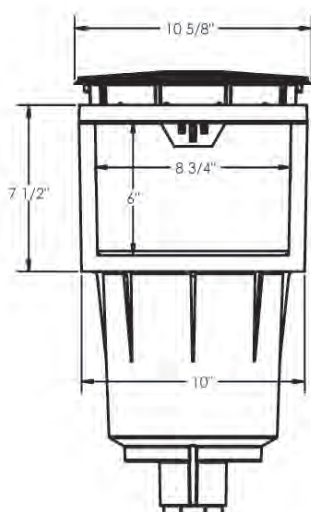


¹ NSF certified. Only skimmers with Float Valve assemblies are NSF certified.

Note: All U-3 Skimmers are made with high strength ABS plastic.

Dimensions and Performance

U3 Skimmer for concrete



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www.p65warnings.ca.gov P650074A

QUIKSKIM VENTURI POWERED COMPLETE SKIMMERS



QuikSkim Black Body,
Black Ring Lid, w/ Foam



Optional Bonding Lug

Featured Highlights

- Natural water pressure creates a strong vacuum to clear more debris
- Uses existing return water to create stronger skimming action
- Optimizes energy usage
- Durable housing is available in multiple colors
- Available for concrete, vinyl, and fiberglass pools

CALIFORNIA PROPOSITION 65 WARNING

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www.p65warnings.ca.gov PN 20211A

Through venturi-powered skimming, natural water pressure from the pool creates a strong vacuum to clear debris, while reducing the need for pump suction. Not only is the process efficient, it also provides effective surface skimming.

Ordering Information

Pentair Item #	With Lug	Product Name & Description
QUIKSKIM COMPLETE WITH PROTECTA FOAM		
505107	504107	QuikSkim White Body, Tan Ring Lid, w/ Foam
505101	504101	QuikSkim White Body, White Ring Lid, w/ Foam
505102	504102	QuikSkim White Body, Gray Ring Lid, w/ Foam
505307	504307	QuikSkim Gray Body, Tan Ring Lid, w/ Foam
505301	504301	QuikSkim Gray Body, White Ring Lid, w/ Foam
505302	504302	QuikSkim Gray Body, Gray Ring Lid, w/ Foam
QUIKSKIM COMPLETE WITH PROTECTA NO LID OR RING		
505110	504110	QS w/ Protecta, White Body, No Lid or Ring
505310	504310	QS w/ Protecta, Gray Body, No Lid or Ring
QUIKSKIM VINYL		
501123	–	QuikSkim Vinyl White Body, Dark Gray Ring Lid
QUIKSKIM FIBERGLASS		
517337	–	QS Fiberglass Dark Gray Body, Tan Ring Lid
517333	–	QS Fiberglass Dark Gray Body, Dark Gray Ring Lid
510137	–	QS Fiberglass White Body, Tan Ring Lid
501131	–	QS Fiberglass White Body, White Ring Lid
518303	–	QS Fiberglass Square Frame Dark Gray
518007	–	QS Fiberglass Square Frame Tan
518101	–	QS Fiberglass Square Frame White

REPLACEMENT SKIMMER LIDS WITH AND WITHOUT THERMOMETERS

Featured Highlights

- Lids are available in three colors to blend with the pool environment
- Available to fit Pentair Aquatic Systems and other popular skimmer brands



Skimmer Lids with
Thermometers

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

Skimmer thermometers can reduce misplacement and breakage problems sometimes seen with floating thermometers. The hermetically sealed face is built for strength and weather resistance. The outside temperature will not affect the performance of the thermometer.

Ordering Information

Product	Description	Carton Qty.	Carton Wt. (Lbs.)
SKIMMER LIDS WITH THERMOMETER			
L1	SwimQuip, Swimrite, Jacuzzi® (New Style), Hayward®, 9-7/8 in., white	1	3/4
L1B	SwimQuip, Swimrite, Jacuzzi (New Style), Hayward, 9-7/8 in., almond	1	3/4
L4W	Pentair Aquatic Systems, 9-3/16 in. round, white	1	3/4
L6W	Pentair Aquatic Systems, Bermuda, 9-1/4 in., white	1	3/4
SKIMMER LIDS WITHOUT THERMOMETER			
L1RW	SwimQuip, Swimrite, Jacuzzi, Hayward (New Style), 9-7/8 in., white	1	3/4
L2R	Baker, Hydro, 9-7/8 in., white	1	3/4
L4RW	American Products, 9-3/16 in. round, white	1	3/4
L5R	Pentair Aquatic Systems (Old Style), 8-3/8 in., white	1	3/4

Jacuzzi® is a registered trademark of Jacuzzi, Inc.; Hayward® is a registered trademark of Hayward Industries, Inc.; Baker Hydro® is a registered trademark of Waterco USA DBA Baker Hydro Corp.

GUTTER DRAINS

DRAINS AND FITTINGS



540064

542038

542039

Featured Highlights

Pentair gutter drains come with an extra deep socket connection

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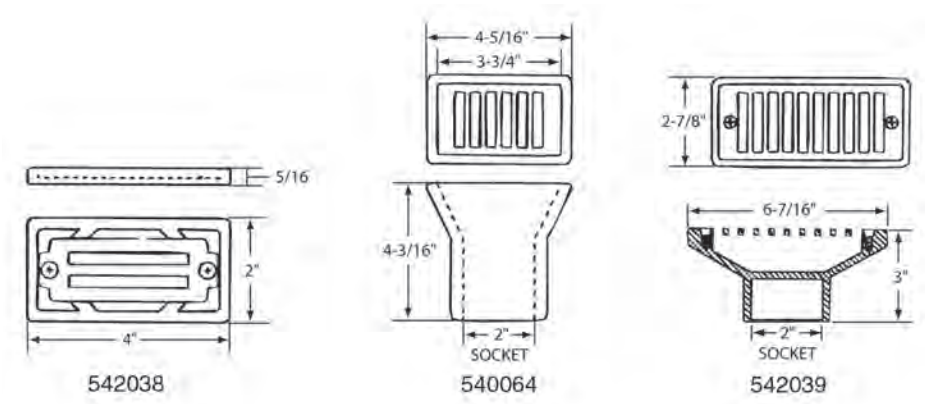
www.p65warnings.ca.gov

PH 200714A

Ordering Information

Product	Description	Flow Rate (GPM)	Open Area (Sq. In.)	Carton Qty.
GUTTER DRAINS				
540063	2 in. x 4 in. gutter drain & grate, white	14.5 @ 1-1/2 ft./sec.	3.09	50
540064	2 in. x 4 in. gutter drain & grate, black	14.5 @ 1-1/2 ft./sec.	3.09	50
540065	2 in. x 4 in. gutter drain & grate, dark gray	14.5 @ 1-1/2 ft./sec.	3.09	50
542038	2 in. x 4 in. 3-bar frame & grate, white	8.0 @ 1-1/2 ft./sec.	1.71	50
542039	2-1/2 in. x 6 in. gutter drain & grate, white	22.5 @ 1-1/2 ft./sec.	4.81	50
542146	2 in. x 4 in. grate (hi-style), white	14.5 @ 1-1/2 ft./sec.	3.09	50
552511	2 in. x 4 in. grate (fits 540063, 542037)	14.5 @ 1-1/2 ft./sec.	3.09	50

Dimensions and Performance



STARGUARD® MAIN DRAINS

MAIN DRAIN FRAME AND GRATE

Featured Highlights

- Available in multiple colors
- Compliant with the Virginia Graeme Baker Pool and Spa Safety Act

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www.p65warnings.ca.gov

StarGuard Main Drains comply with provisions of the ANSI/APSP/ICC-16 2017 standard and the Virginia Graeme Baker Pool and Spa Safety Act. High-quality StarGuard Main Drains are available in white, black, gray, and dark gray as well as a variety of configurations to fit most residential inground pool or spa installations. StarGuard main drains have 15.35 square inches of open area for water flow and allow flow rates up to 72 GPM at 1-1/2 ft./sec.

Ordering Information

Product	Description	Flow Rate Floor (GPM)	Flow Rate Wall (GPM)	Open Area (Sq. In.)
8 IN. STARGUARD COVER WITH LONG RING				
500108	8 in. StarGuard cover w/ long ring (single), white	136	88	15.35
500100	8 in. StarGuard cover w/ long ring (single), black	136	88	15.35
500101	8 in. StarGuard cover w/ long ring (single), dark gray	136	88	15.35
500102	8 in. StarGuard cover w/ long ring (single), gray	136	88	15.35
500140	8 in. StarGuard cover w/ long ring (2 pack), white	136	88	15.35
500141	8 in. StarGuard cover w/ long ring (2 pack), black	136	88	15.35
500142	8 in. StarGuard cover w/ long ring (2 pack), dark gray	136	88	15.35
500143	8 in. StarGuard cover w/ long ring (2 pack), gray	136	88	15.35
8 IN. STARGUARD COVER WITH SHORT RING AND COVER				
500103	8 in. StarGuard cover w/ short ring (single), white	136	88	15.35
500104	8 in. StarGuard cover w/ short ring (single), black	136	88	15.35
500105	8 in. StarGuard cover w/ short ring (single), dark gray	136	88	15.35
500106	8 in. StarGuard cover w/ short ring (single), gray	136	88	15.35
500144	8 in. StarGuard cover w/ short ring (2 pack), white	136	88	15.35
500145	8 in. StarGuard cover w/ short ring (2 pack), black	136	88	15.35
500146	8 in. StarGuard cover w/ short ring (2 pack), dark gray	136	88	15.35
500147	8 in. StarGuard cover w/ short ring (2 pack), gray	136	88	15.35
8 IN. STARGUARD DRAIN WITH 2 IN. SIDE AND 1-1/2 IN. BOTTOM PORTS ABS SUMP WITH RING AND COVER				
500110	8 in. StarGuard drain w/ 2 in. side & 1-1/2 in. bottom ports ABS sump w/ ring & cover (2 pack), white	136	88	15.35

STARGUARD® MAIN DRAINS (CONT'D)

Product	Description	Flow Rate Floor (GPM)	Flow Rate Wall (GPM)	Open Area (Sq. In.)
8 IN. STARGUARD DRAIN WITH 2 IN. SIDE PORT ABS SUMP WITH RING AND COVER				
500115	8 in. StarGuard drain w/ 2 in. side port ABS sump w/ ring & cover (2 pack), white	136	88	15.35
8 IN. STARGUARD DRAIN WITH DUAL 2 IN. BOTTOM PORTS ABS SUMP AND COVER				
500120	8 in. StarGuard drain w/ dual 2 in. bottom ports ABS sump & cover (2 pack), white	136	88	15.35
8 IN. STARGUARD DRAIN WITH 2 IN. SIDE AND 1-1/2 IN. BOTTOM VINYL LINER ABS SUMP				
500130	8 in. StarGuard drain w/ 2 in. side & 1-1/2 in. bottom vinyl liner ABS sump (2 pack), white	136	88	15.35



500108
8 in. StarGuard cover
w/ long ring



500103
8 in. StarGuard cover
w/ short ring



500110
8 in. StarGuard drain w/ 2 in.
side & 1-1/2 in. bottom ports ABS
sump w/ ring & cover



500115
8 in. StarGuard drain
w/ 2 in. side port ABS
sump w/ ring & cover



500120
8 in. StarGuard drain w/
dual 2 in. bottom ports
ABS sump & cover



500130
8 in. StarGuard drain w/ 2
in. side & 1-1/2 in. bottom
vinyl liner ABS sump

AVSC HEAVY DEBRIS REMOVAL DRAIN

COMPLETE DRAINS

Featured Highlights

- Available in single and dual-inlet models
- Easy installation, including construction cover
- For pools, spas, and water features
- Available with a pebble top lid



AVSC Single Standard Top Channel Drain White



AVSC Single Suction Pebble Top Drain White



AVSC Dual Standard Top Channel Drain White



AVSC Dual Suction Pebble Top Drain White



AVSC Vinyl Dual Suction White

The AVSC drain is a heavy debris removal drain in an unblockable package. The AVSC drain conforms to all current ANSI, NSF and VGB anti-entrapment standards, and boasts one of the highest flow rates of debris removal drains in the U.S. to date.

Available in a both dual or single port models (accepting both 2.5" and 3" pipe) the AVSC comes in a wide variety of colors. In addition, an optional fillable lid is available to allow the drain to seamlessly blend into the surrounding finish of the pool.

Ordering Information

Pentair Item #	Product Name & Description
AVSC SINGLE SUCTION STANDARD TOP DRAIN	
285001	AVSC Single Standard Top Channel Drain White
285003	AVSC Single Standard Top Channel Drain Dark Gray
285004	AVSC Single Standard Top Channel Drain Black
285002	AVSC Single Standard Top Channel Drain Light Gray

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AVSC HEAVY DEBRIS REMOVAL DRAIN (CONT'D)

COMPLETE DRAINS

Pentair Item #	Product Name & Description
AVSC DUAL SUCTION STANDARD TOP DRAIN	
286101	AVSC Dual Standard Top Channel Drain White
286123	AVSC Dual Standard Top Channel Drain Dark Gray
286114	AVSC Dual Standard Top Channel Drain Black
286102	AVSC Dual Standard Top Channel Drain Light Gray
AVSC SINGLE SUCTION PEBBLE TOP DRAIN	
288101	AVSC Single Pebble Top Channel Drain White
288103	AVSC Single Pebble Top Channel Drain Dark Gray
288104	AVSC Single Pebble Top Channel Drain Black
288102	AVSC Single Pebble Top Channel Drain Light Gray
AVSC DUAL SUCTION PEBBLE TOP DRAIN	
289101	AVSC Dual Pebble Top Channel Drain White
289103	AVSC Dual Pebble Top Channel Drain Dark Gray
289104	AVSC Dual Pebble Top Channel Drain Black
289102	AVSC Dual Pebble Top Channel Drain Light Gray
VINYL AVSC DUAL DRAIN	
284161	AVSC Vinyl Dual White
284202	AVSC Vinyl Dual Light Gray

POOL SPECIALTY FITTINGS

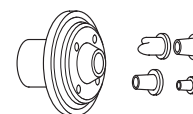
Pentair plumbing unions are available in a wide variety of configurations. Specialty fittings such as the snap lock wall fitting, anchor cup, and rope hooks and the molded recessed steps are designed for ease of installation. Deck valve lid and ring allow for access to under deck valves and fittings. These fittings are manufactured to Pentair's high standards.

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www.p65warnings.ca.gov P/N 200714

Ordering Information

Product	Description	Carton Qty.	Carton Wt. (Lbs.)
COMPLETE INSIDER WALL INLET FITTINGS FOR CONCRETE POOLS			
08429-0000	1-1/2 in. Slip, 3/16 in., 1/2 in., 3/4 in., 90° Nozzles, white	50	0.50
EYEBALL INSIDER INLET FITTINGS			
08434-0000	1-1/2 in. Slip, 1/2 in., 3/4 in., 90° Nozzles, white	50	0.50
ALL PURPOSE PLUGS			
195830	2 in. plug with O-ring	25	
JETS FOR CONCRETE INSTALLATION			
46540000	Venturi Jet, 5/16 in. nozzle, 1/2 in. socket air x 1-1/2 in. socket water, 1-1/2 in. socket return	40	20
FLOOR INLET FITTINGS			
08417-0000	2 in. Slip with 1-1/2 in. slip bushing, white ¹	50	1
SPECIAL FITTINGS			
46550000	Aerator Cap, 1-1/2 in. for air channel, white	20	13
86201500	Aerator inlet (used as a return spray nozzle)	10	1
GRATE INSERTS			
540057	Grate insert, 1-1/2 in. MIP, black ²	50	2
STEPS			
82400700	ABS Steps, set of three, white	1	3



Wall Inlet Fittings



Eyeball Inlet Fittings

¹ Use only as a floor inlet fitting.

² Not for use as a suction fitting.

Vacuum Plug



86201500



46540000



46550000



2 in. Plug with O-Ring

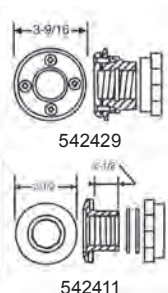
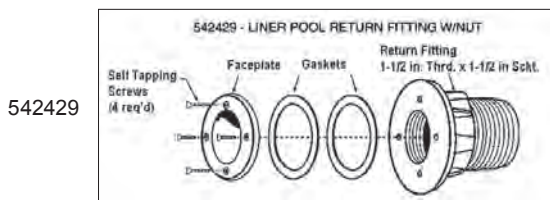
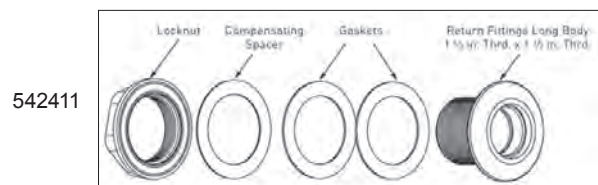
RETURN FITTINGS FOR SWIMMING POOLS

Ordering Information

Product	Description	Carton Qty.	Carton Wt. (Lbs.)
GUNITE/CONCRETE			
542402	Long body, 1-1/2 in. threaded x 1-1/2 in. socket, white	50	9
542405	Standard body, 1-1/2 in. threaded x 1-1/2 in. socket, white	50	9
FIBERGLASS POOLS & SPAS²			
542411	Long body, 1-1/2 in. threaded x 1-1/2 in. socket, spacer/locknut, white	50	9
CONCRETE-WALLED VINYL LINER POOLS¹			
542429	Standard body, 1-1/2 in. threaded x 1-1/2 in. socket, white	275	9
VINYL LINER FITTINGS			
86205100	1-1/2 in. FIPT with screws, vinyl liner, white	50	25
545100	Face plate for vinyl liner return fitting, white	50	10
545101	Face plate for vinyl liner return fitting, black	50	10
545103	Face plate for vinyl liner return fitting, dark gray	50	10
INSIDER FITTINGS FOR GUNITE/CONCRETE POOLS			
542423	2 in. slip body, for schedule 40 pvc pipe, white	100	7
542424	2 in. slip body, for schedule 40 pvc pipe, black	100	7

¹ Includes face plate, screws, & gaskets.

² Includes back gaskets.



542405



542402



542429



542411



86205100

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WALL FITTINGS - INLETS

Ordering Information

Product	Description	Carton Qty.
1-1/2 INCH THREADED DIRECTIONAL EYEBALLS		
542087	Ultimate eyeball 1-1/2 in. threaded with snap-in disks, 1/2 in., 3/4 in., 1 in., white	50
540014	1/2 in. opening, white	50
540021Z	3/4 in. opening, white	50
ECONOMY INSIDER		
542000	1 in. slip inlet with snap-in 3/8 in., 3/4 in. and pressure test disks, white	300
542002	1-1/2 in. slip inlet with snap-in 1/2 in., 3/4 in, 1 in., and pressure test disks, white	200



542087



Economy Insider

542000



Directional eyeball inlets with 1-1/2 in. MIP thread to fit standard female adapter or wall fitting

AUTOMATIC WATER FILLERS

WATER LEVEL CONTROL

Featured Highlights

- Available for standard inground and vanishing edge pools
- Helps prevent equipment damage due to low water levels
- No electronic controls
- Aids in the prevention of water waste and landscape damage due to overfilling pool
- Available with white, gray, and almond colored lids

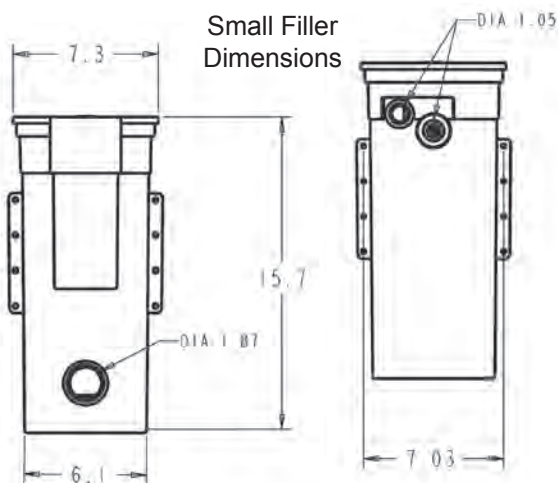
Automatic Water Fillers



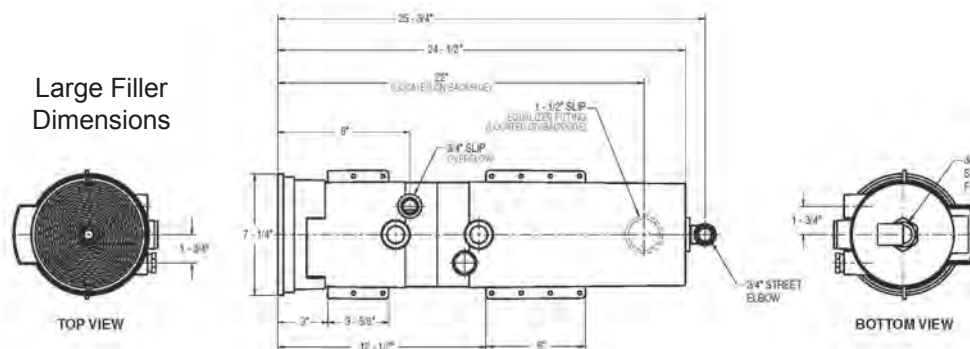
Ordering Information

Product	Description
AUTOMATIC WATER FILLERS	
T40BBE	AutoFill w/ side mounted float valve, almond
T40BG	AutoFill w/ side mounted float valve, gray
T40BW	AutoFill w/ side mounted float valve, white
T40FB	AutoFill w/ Fluidmaster® valve, almond
T40FG	AutoFill w/ Fluidmaster valve, gray
T40FW	AutoFill w/ Fluidmaster valve, white
T40FNB	AutoFill Vanishing Edge w/ Fluidmaster valve, almond
T40FNW	AutoFill Vanishing Edge w/ Fluidmaster valve, white

Small Filler Dimensions



Large Filler Dimensions



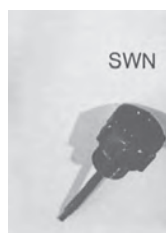
Fluidmaster Valve



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INLINE THERMOMETERS FOR POOL AND SOLAR APPLICATIONS



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Ordering Information

Product	Description	Carton Qty.
INLINE THERMOMETER WELLS		
SWN	Nylon well	12
INLINE THERMOMETERS for Pool Applications		
SL1DW	30/130°F. w/ Nylon well	12

FLOWMETERS

FOR COMMERCIAL AND INDUSTRIAL LIQUID APPLICATIONS



Flowmeter

Featured Highlights

- Stainless steel guide and floats
- Easy installation and maintenance; no tools required, tightens by hand
- Textured surface on back of meter for improved readability
- Easy to read GPM and LPM Scales
- Brass threaded knurled nuts for durability

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Ordering Information

Product	GPM	Description	Carton Qty.	Carton Wt. (Lbs.)
SMALL BODY FLOWMETERS				
LDF359N	2–16	3/4 in., Nylon threaded end	12	3/4
LDF359T	2–16	1 in., Brass threaded end	12	1-1/4

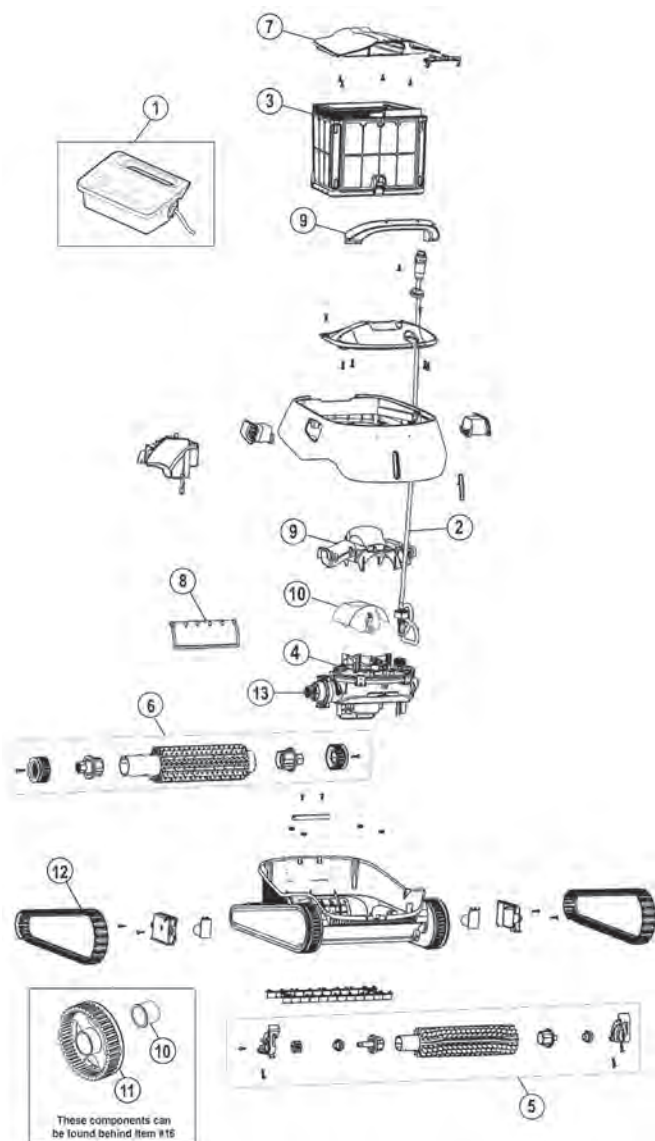
AUTOMATIC POOL CLEANER PARTS

Product Catalog 2025–2026

Updated June 2025

PENTAIR PROWLER® 930, 930W/PENTAIR WARRIOR® SI

CLEANER REPLACEMENT PARTS



Item	Part No.	Description	US List	Can. List
PROWLER 930/WARRIOR SI				
1	360400	Power Supply (930 & SI)	761.33	914.81
1	360541	Power Supply (930W)	900.56	1082.11
2	360446	Communication Cable	641.71	771.08
3	360507	Outer Filter Basket	564.67	678.51
4	360365	Motor Unit	1259.21	1513.07
5	360366	Front Brush Assembly	65.25	78.40
6	360367	Rear Brush Assembly	87.75	105.44
7	360447	Filter Cover, Prowler 930	48.54	58.33
8	360384	Rapid Drain Flap	15.67	18.83
9	360385	Handle Assembly, Prowler 930	46.59	55.98
10	360388	Front Brush Bushing	19.59	23.54
11	360372	Front Wheel	19.59	23.54
12	360342	Track	54.93	66.00
13	360547	Motor Gear	19.48	23.41
NOT SHOWN				
	360445	Inner Filter Basket	170.09	204.38
	360363	Cartridge Filter Kit	280.63	337.21
	360364	Net Filter Kit	151.12	181.59
	360170	Cleaner Caddy	360.23	432.85

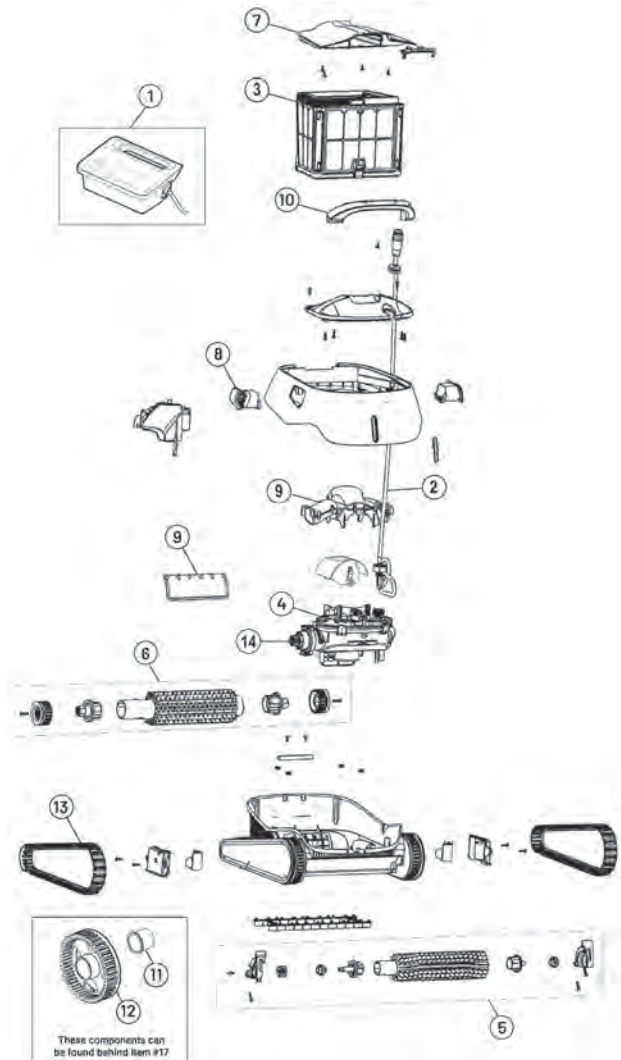
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PENTAIR PROWLER® 920 / WARRIOR® SE

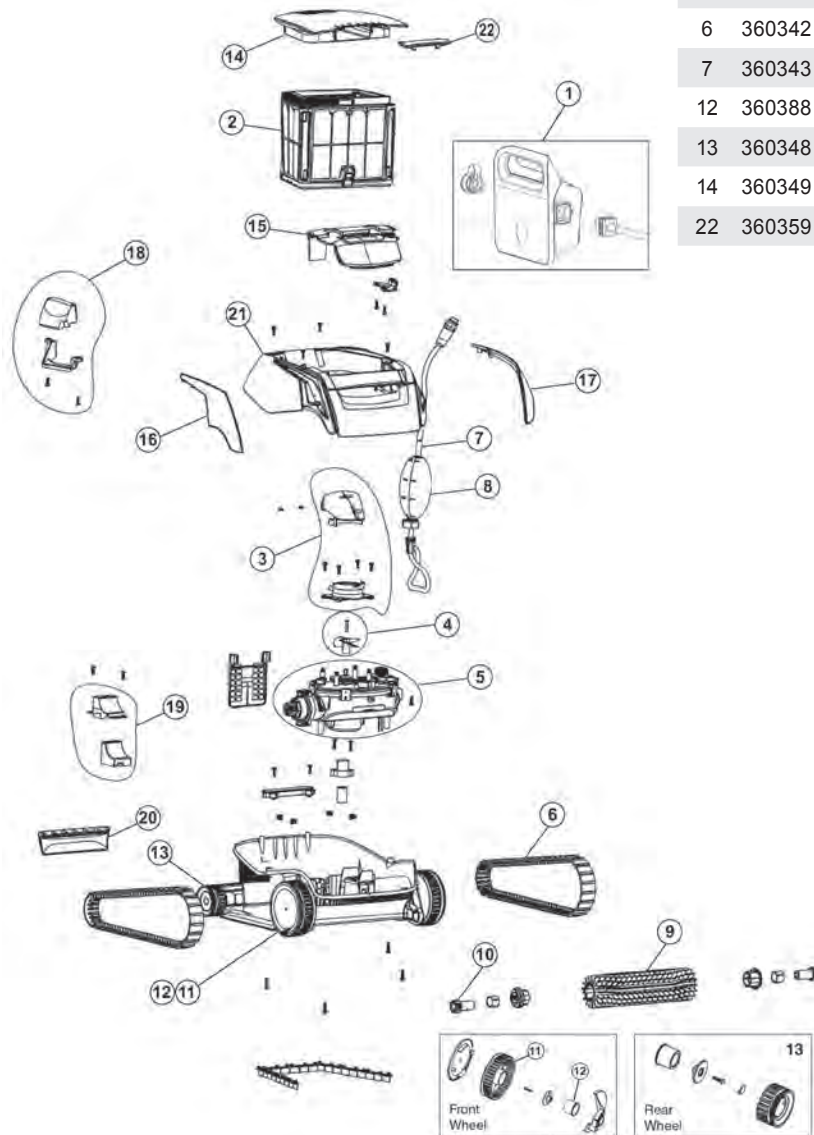
CLEANER REPLACEMENT PARTS

Item	Part No.	Description	US List	Can. List
PROWLER 920/WARRIOR SE				
1	360400	Power Supply	761.33	914.81
2	360499	Communication Cable	400.56	481.31
3	360362	Filter Basket	392.87	472.07
4	360365	Motor Unit	1259.21	1513.07
5	360366	Front Brush Assembly	65.25	78.40
6	360367	Rear Brush Assembly	87.75	105.44
7	360374	Filter Cover, Prowler 920	39.52	47.49
8	360378	Right Grill, Prowler 920	8.79	10.56
9	360384	Rapid Drain Flap	15.67	18.83
10	360385	Handle Assembly, Prowler 920	46.59	55.98
11	360388	Front Wheel Bushing	19.59	23.54
12	360372	Front Wheel	19.59	23.54
13	360342	Track	54.93	66.00
14	360547	Motor Gear	19.48	23.41
NOT SHOWN				
	360340	Impeller	23.58	28.33
	360363	Cartridge Filter Kit	280.63	337.21
	360364	Net Filter Kit	151.12	181.59
	360381	Rear Wheel	7.83	9.41



PENTAIR PROWLER® 910 / WARRIOR SL

CLEANER REPLACEMENT PARTS



Item	Part No.	Description	US List	Can. List
PROWLER 910/WARRIOR SL				
1	360337	Power Supply	736.58	885.07
2	360496	Filter Assembly	222.53	267.39
4	360340	Impeller	23.58	28.33
5	360341	Motor Unit	881.75	1059.51
6	360342	Track	54.93	66.00
7	360343	Communication Cable	143.27	172.15
12	360388	Front Wheel Bushing	19.59	23.54
13	360348	Rear Wheel Assembly	30.06	36.12
14	360349	Filter Cover, Prowler 910	78.52	94.35
22	360359	Latch	23.20	27.88

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PS2017A

This image shows a full page of white paper with horizontal blue or grey ruling lines. The lines are evenly spaced and run across the width of the page, typical of notebook paper. There are no margins, text, or other markings on the page.