Welcome to Waterway's 2018 Pool & Spa Product Buyer's Guide



Designed, Engineered & Manufactured in the USA.

For information or assistance, contact:

Waterway Plastics Customer Service Department: 805.981.0262
Waterway Plastics, 2200 East Sturgis Road, Oxnard, California 93030
Telephone: 805.981.0262 • Fax: 805.981.9403 • Toll Free Fax: 888.772.5387
www.waterwayplastics.com • waterway@waterwayplastics.com

Pricing:
Effective **December 4, 2017**. Pricing can change at any time on any part without prior notice.

Product Disclaimer:
All illustrations, photographs and specifications in this publication are based on product information available at the time of printing. Waterway reserves the right to make changes at any time, without giving prior notice, to colors, materials, specifications, part numbers and prices and to discontinue product or product components.

Ordering:
To ensure prompt and proper shipment, please order by product part number and description. Be sure to include the correct (last digit) number for the color desired. Specially quoted product numbers must not be changed (even by one digit), or the pricing will not be recognized. Products and prices are subject to change without notice.

All orders must be a minimum of $50.00.

Terms:
All sales are cash with order until credit is established, after which, terms are net 30 days.

Shipments:
All shipments are F.O.B. Oxnard, California.

Claims:
All claims must be made within 30 days after receipt of merchandise.

Returns:
All returns are subject to the Waterway Limited Warranty Policy and written approval, and must be accompanied by an "RGA" (Return Goods Authorization) form or number issued by Waterway prior to returning the merchandise. Unauthorized returns will not be accepted. Freight must be prepaid. Waterway will not accept returned merchandise after 90 days of shipment and/or not in original resalable condition.

Information Regarding Lost or Damaged Merchandise:
Our responsibility for any shipment ceases when the carrier signs the Bill of Lading. All shipments should be inspected immediately upon arrival. If cartons, packages or crates are received in short or damaged condition, it is important that the driver be notified and the recipient should insist on a notation of the loss or damage across the face of the freight bill.

If there is no indication of damage on the freight bill, no claim can be enforced against the carrier.

If concealed loss or damaged merchandise is discovered, notify the carrier immediately and request an inspection, and retain the shipping carton/container. A concealed damage report must be made within 7 calender days of delivery of the shipment, or the carrier will not entertain any claim for the loss. The carrier agent will perform an inspection and will normally grant a concealed damage notation. IF THE CARRIER RECEIVES A CLEAR RECEIPT FOR THE MERCHANDISE THAT HAS BEEN DAMAGED IN TRANSIT, IT IS AT THE RECIPIENT'S OWN RISK AND EXPENSE.

Waterway is willing to assist in collecting claims for loss or damage, but our willingness does not make us responsible for collection of claims or for the replacement of merchandise.

For additional information or assistance in this regard, please contact:

Waterway Plastics
Customer Service
805.981.0262

Waterway Limited Warranty

All warranties for end users must be processed through your retail point of purchase.

All products of Waterway carry warranties. The nature and length of the warranty will depend upon the product and are set forth below:

To the buyer, as the original purchaser, Waterway warrants its products free from defects in materials and workmanship for a period of one year from the date of purchase, if installed by a qualified installer. Parts which fail or become defective during the warranty period, except as a result of freezing, negligence, improper installation of equipment or automatic valving systems, use or care, shall be repaired or replaced, at our option, within 90 days of the receipt of the defective product, barring unforeseen delays.

In-Ground Swimming Pool Variable Speed Pumps carry a 3 year warranty from motor manufacturer date.

Proof of purchase is required for warranty coverage. Warranty registration card must be submitted for applicable products. In the event proof of purchase is not available, the manufacturing date of the product will be the sole determination of purchase date.

To obtain warranty, replacements or repair, defective components or parts should be returned, transportation paid, to the place of purchase. In the event the place of purchase is not applicable Waterway Plastic should be contacted for necessary return instructions. No returns may be made directly to the factory without the express written authorization of Waterway Plastics.

Waterway Plastics shall not be responsible for cartage, removal and/or reinstallation labor or any other such costs incurred in obtaining warranty replacements.

Disclaimer

Waterway is not liable for incidental or consequential damages, loss of profit, loss of time, inconvenience and incidental expenses. This warranty is limited and shall be in lieu of any other warranties, expressed or implied, including but not limited to , any implied warranty or merchantability or fitness for a particular purpose. There are no other warranties that extend beyond the description of the face hereof. The liability of Waterway arising out of its supply of said products, or their use, shall not in any case exceed the cost of correcting defects in the products as above set forth.

Although Waterway Plastics provides all information, recommendation, or advice regarding its products in good faith, each user bears full responsibility for making its own determination as to suitability of Waterway's products, recommendations, or advice for its own particular use. Each user must identify and perform all tests and analysis necessary to assure that its finished products incorporating Waterway's parts or products will be safe and suitable for use under end-use conditions. This includes but not limited to verification of exposure to ambient operating conditions, adhesives, foams and any other type chemicals during the assembly or the end use conditions. Due to environmental conditions out of our control, we are unable to warranty discolorations or corrosion on stainless steel parts.

This warranty does not apply if the failure is caused or contributed to by any of the following: improper handling, improper storage, improper installation abuse, unsuitable application of the product, lack of reasonable and necessary maintenance, improper packaging for return, or repairs made or attempted by any other company, which in the judgment of Waterway adversely affects the product's performance and reliability. Waterway reserves the right to change its warranty at any time.

Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you.

Color Reference				
Last Digit of Part No.	Color/Metal Finish	Available only for:	Pool	Spa
0	White		✓	✓
1	Black		✓	✓
3	Blue (Lights only)			✓
4	Red (Lights only)			✓
5	Red and Blue (Lights only)			✓
7	Gray		✓	✓
8	Clear			✓
9	Call for other colors, metal finishes & special orders			
9-BEI	Beige (Tan)		✓	
9-DKG	Dark Gray		✓	
9-DSG	Dark Silver Glitter / DSG			✓
9-STS	Sterling Silver			✓

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Notes

Pool

2018

Shurflex™ / **Hose and Tubing**

Shurflex™ BRAND

Designed and Manufactured for In-Ground Pool & Spa Use.



AVAILABLE IN:

- Clear Vinyl: 1/8", ¼", 3/8", ¾", and ¾" x 1 1/16"
- White Vinyl: 3/8", ¾", and 1" x 1 ¼"
- Shur-Grip: ¾", ¾" thin, 1 ½", and 2"
- Flex: ½", ¾", 1", 1 ¼", 1 ½", 2", 2" thin, 2 ½", and 3"

Call for pricing.

Pool hose is higher durometer for durable In-Ground application.

Hose and Tubing - Individual Rolls (wrapped)

Part No.	Description	Color	Ft. / Roll
110-0120	Vinyl - 3/8" x 9/16"	Clear (0), White (W)	500
110-0140	Vinyl - ¾" x 1"	Clear (0), White (W)	150
110-0150	Vinyl - ¾" x 1 1/16"	Clear	100
110-016W	Vinyl - 1" x 1 ¼"	White	100
120-0110	Flex - ½"	White (0), Black (1)	100
120-0120	Flex - ¾"	White (0), Black (1)	100
120-0130	Flex - 1"	White (0), Black (1)	50
120-0180	Flex - 1 ¼"	White (0), Black (1)	50
120-0140	Flex - 1 ½"	White (0), Black (1)	50
125-0110	Flex - 1 ½" x 100 ft.	White (0), Black (1)	100
120-0150	Flex - 2"	White (0), Black (1)	50
125-0120	Flex - 2" x 100 ft.	White (0), Black (1)	100
120-0250	Flex - 2" thin	White (0), Black (1)	50
120-0160	Flex - 2 ½"	White (0), Black (1), Gray (7)	50
120-0170	Flex - 3"	White (0), Black (1), Gray (7)	50

Call for pricing.

Hose and Tubing - Pallets (wrapped)

Part No.	Description	Color	Ft. / Pallet	Rolls / Pallet
110-0120P	Vinyl - 3/8" x 9/16"	Clear (0), White (W)	20,000	40
110-0140P	Vinyl - ¾" x 1"	Clear (0), White (W)	6,000	40
110-0150P	Vinyl - ¾" x 1 1/16"	Clear	4,000	40
110-016WP	Vinyl - 1" x 1 ¼"	White	2,800	28
120-0110P	Flex - ½"	White (0), Black (1)	6,800	68
120-0120P	Flex - ¾"	White (0), Black (1)	5,600	56
120-0130P	Flex - 1"	White (0), Black (1)	2,800	56
120-0180P	Flex - 1 ¼"	White (0), Black (1)	1,200	24
120-0140P	Flex - 1 ½"	White (0), Black (1)	1,200	24
125-0110P	Flex - 1 ½" x 100 ft.	White (0), Black (1)	1,200	12
120-0150P	Flex - 2"	White (0), Black (1)	900	18
125-0120P	Flex - 2" x 100 ft.	White (0), Black (1)	900	9
120-0250P	Flex - 2" thin	White (0), Black (1)	900	18
120-0160P	Flex - 2 ½"	White (0), Black (1), Gray (7)	800	16
120-0170P	Flex - 3"	White (0), Black (1), Gray (7)	400	8

Power Defender 165 VARIABLE SPEED PUMP

Model #: PD-VSC165





Built-in Programmable User Interface with Timer

Comes complete with 2 Swivel Union Assemblies & Adjustable Base Kit

Great for precise alignment and plumbing versatility!

ENERGY STAR

For replacement parts, see page 272.

For unions, see page 58.

FEATURES:

- Maximum 1.65HP
- Timer Mode
- Full Variable Speed (600-3450 RPM)
- Freeze Protection
- Program Memory Back-up
- Keypad Lockout Feature
- 2" Swivel Unions (included)
- Adjustable Base (included)

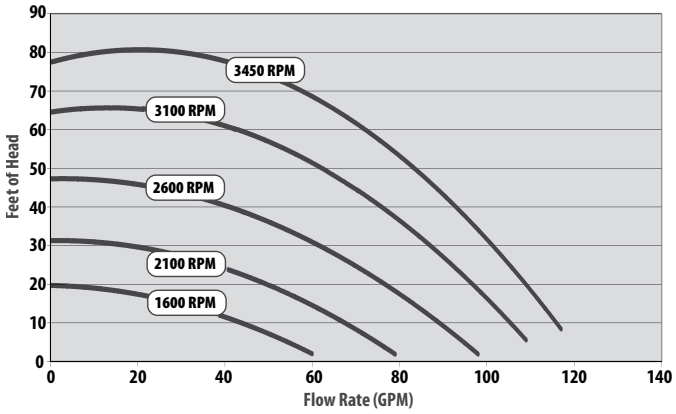
  Easy replacement for most brand pumps

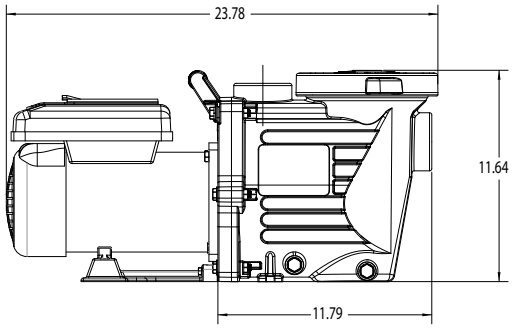


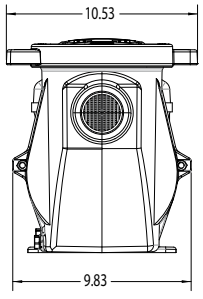
Adjustable Base included. Ideal when replacing or plumbing Sta-Rite, Hayward or Pentair pumps in the field.

675-1380 **See Page 55.**

Power Defender 1.65 HP – Performance Curves







Smart **energy solutions** for the Pool & Spa industry.

Power Defender 165 - Variable Speed Pump

Part No.	Description	Volts	HP	List (US $)
PD-VSC165	Power Defender 1.65 HP Variable Speed Pump	230	1.65 HP	1,888.15

Pool Pumps - In-Ground / **Power Defender 270 Variable Speed**

Power Defender 270 VARIABLE SPEED PUMP

Model #: PD-VSC270



Comes complete with 2 Swivel Union Assemblies & Adjustable Base Kit

Great for precise alignment and plumbing versatility!

FEATURES:

- Pump is pressure testable up to 50 PSI
- User-Friendly programming
- Optional off-board mounting of controls.
- Ability to install and program additional load (booster pump, chlorine generator)
- Display is easy to view in any light
- 2" Swivel Unions (included)
- Compliant with all energy legislation. Meets Title 20 & Title 24 regulations
- Super quiet operation
- Built-in freeze protection

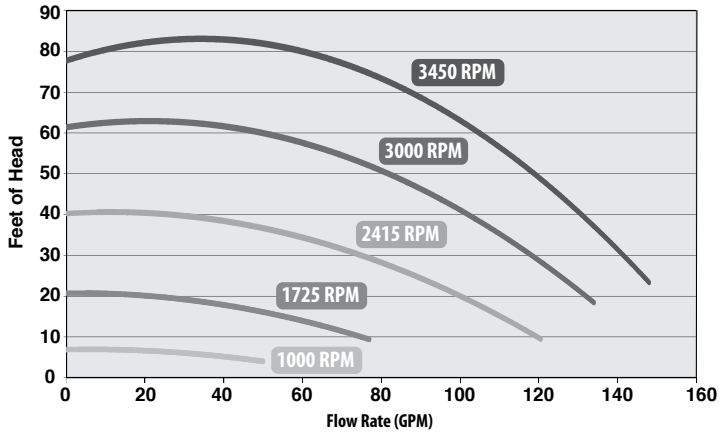
For replacement parts, see page 274.
For unions, see page 58.



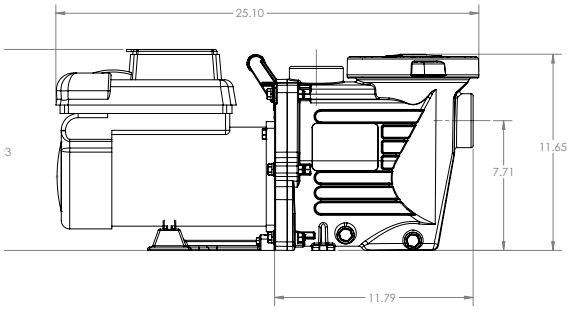
Adjustable Base included. Ideal when replacing or plumbing Sta-Rite, Hayward or Pentair pumps in the field.

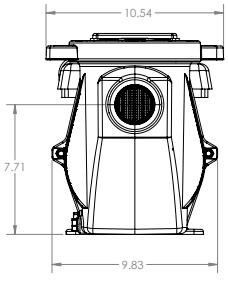
675-1380 See Page 55.

Power Defender 2.7 HP Pump - Performance Curves



Smart **energy solutions** for the Pool & Spa industry.





Power Defender 270 - Variable Speed Pump

Part No.	Description	Volts	HP	Weight (lbs.)	List (US $)
PD-VSC270	Power Defender 2.7 HP - Variable Speed Pump	230	2.7 Total HP	60	2,700.45

POWER Defender 300 VARIABLE SPEED PUMP

Introducing the latest generation of 3 HP In-ground Pool Pumps

Model #: PD-VSC300



Built-in Programmable User Interface with Timer

ENERGY STAR

For replacement parts, see page 276.
For unions, see page 58.

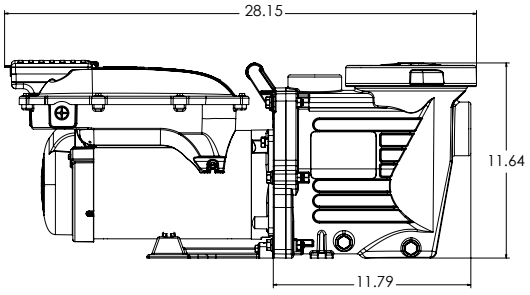
FEATURES:

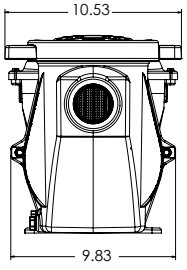
- Built-in and programmable variable frequency drive that can be rotated 180º for easy servicing
- Direct drop-in for other manufacturer's single, 2-speed or variable speed pumps
- Proven performance wet end with large trap basket & easy access two-piece lid
- Simple programming with up to 4 scheduled filter setting
- Works great with Waterway Oasis Pool & Spa Control as well as competitive control systems
- Silicone carbide seals, Viton bellows, 316SS casing for superior protection from bromine, chlorine, hydrogen peroxide and salt
- 2" Swivel Unions (included)



Adjustable Base included. Ideal when replacing or plumbing Sta-Rite, Hayward or Pentair pumps in the field.

675-1380 **See Page 55.**





Smart **energy solutions** for the Pool & Spa industry.

Power Defender 300 - Variable Speed Pump

Part No.	Description	Volts	HP	List (US $)
PD-VSC300	Power Defender 3.0 HP Variable Speed Pump	230	3.0 HP	2,455.32

Pool Pumps - In-Ground / **Power Defender SVL300**

Power Defender 300 (SVL) VARIABLE SPEED PUMP

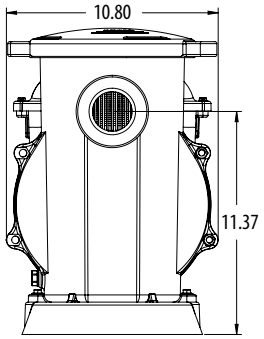
Silent operation, extreme vertical lift, variable speed... all in one pump!

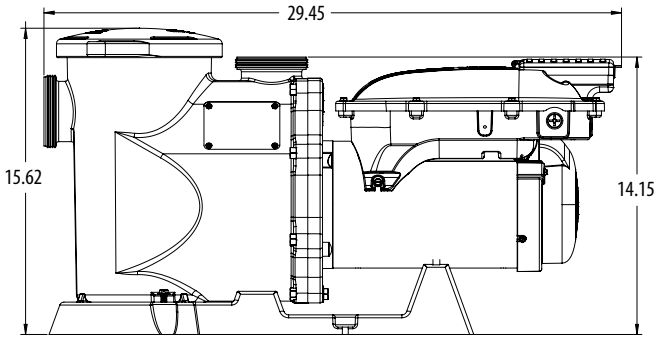


FEATURES:

- Provides 24' of lift (above water level) compared to the industry standard of 10'
- 3 HP, 13.5 amps, 230 VAC
- Built-in and programmable variable frequency drive that can be rotated 180º for easy access and serviceability
- Proven SVL wet end
- Silicone carbide seals, Viton bellows, 316SS casing for superior protection from bromine, chlorine, hydrogen peroxide and salt
- Water-proof construction with heavy-duty die-cast housing
- Works great as stand-alone pump, or with Waterway Oasis Pool/Spa Control as well as competitive control systems

For replacement parts, see page 270.
For unions, see page 58.





Smart **energy solutions** for the Pool & Spa industry.

Power Defender SVL300					
Part No.	Description	Volts	HP	Weight (lbs.)	List (US $)
PD-VSA300	Power Defender SVL300	230VAC	3	13.5	2,547.44

FEATURES:

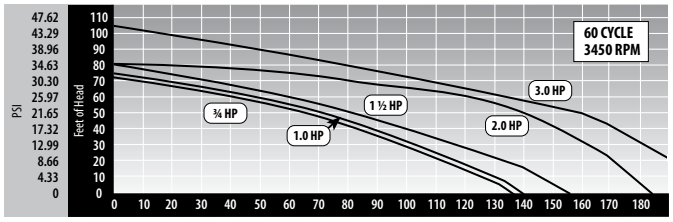
- Extremely quiet operation
- Self-priming
- Best vertical lift at 24 ft.
- Easy to service
- True 56-frame motor for cooler running and longer life
- 2 ½" union threads x 2" FPT with unions *(included)*
- Large trap basket with cam-lock lid
- 60 Hz rating



For replacement parts, see page 268.
For unions, see page 58.

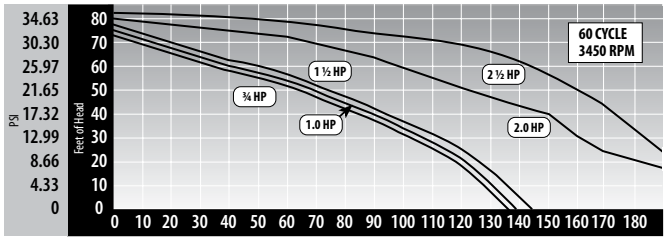
The extraordinary quietness of the SVL56 moves us nearer to the goal of silent operation, and it provides by far the best vertical lift. A true 56-frame motor ensures long life and uninterrupted power. Attention to detail is evident in the design of this proven pump. Designed for easy serviceability and installation, the pump accepts either 2" or 2 ½" plumbing connections and features dual bearings for cooler operating temperature. This pump will provide years of trouble-free performance.

ENERGY EFFICIENT PRESSURE VERSUS FLOW RATE

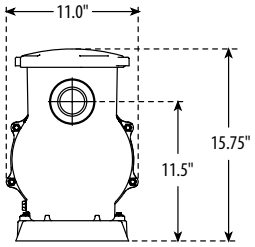


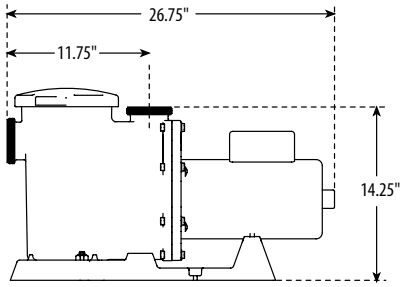
Flow Rate (GPM)

STANDARD EFFICIENCY PRESSURE VERSUS FLOW RATE



Flow Rate (GPM)





Energy Efficient - Full Rated

Part No.	Description	Volts	HP	Weight (lbs.)	List (US $)
SVL56E-110	1-Speed - 2" or 2 ½" Intake and Discharge	115 / 230	1.0	57	1,389.92
SVL56E-115	1-Speed - 2" or 2 ½" Intake and Discharge	230	1.5	51	1,503.57
SVL56E-120	1-Speed - 2" or 2 ½" Intake and Discharge	230	2.0	54	1,672.27
SVL56E-130	1-Speed - 2" or 2 ½" Intake and Discharge	230	3.0	65	2,142.31

Standard Efficiency - Maximum Rated

Part No.	Description	Volts	HP	Weight (lbs.)	List (US $)
SVL56S-110	1-Speed - 2" or 2 ½" Intake and Discharge	115 / 230	1.0	57	1,159.19
SVL56S-115	1-Speed - 2" or 2 ½" Intake and Discharge	115 / 230	1.5	51	1,224.61
SVL56S-120	1-Speed - 2" or 2 ½" Intake and Discharge	230	2.0	54	1,396.81
SVL56S-125	1-Speed - 2" or 2 ½" Intake and Discharge	230	2.5	61	1,648.17
SVL56S-215	2-Speed - 2" or 2 ½" Intake and Discharge	230	1.5	61	1,500.09
SVL56S-220	2-Speed - 2" or 2 ½" Intake and Discharge	230	2.0	65	1,556.94

Pool Pumps - In-Ground / **Champion - 56-Frame**

Patent # US 7,820,041 B2

FEATURES:

- Quiet operation
- Self-priming
- 2" FPT intake and discharge
- 2" Swivel Unions (included)
- Easy to service
- True 56-frame motor for cooler running and longer life
- Large trap basket with cam-lock lid
- 60 Hz rating

Comes complete with 2 Swivel Union Assemblies & Adjustable Base Kit

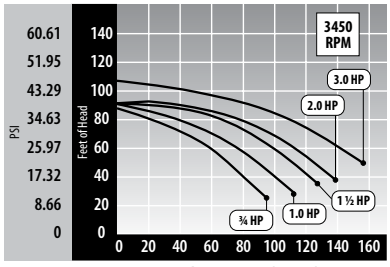
Great for precise alignment & plumbing versatility!



For replacement parts, see page 280.
For unions, see page 58.

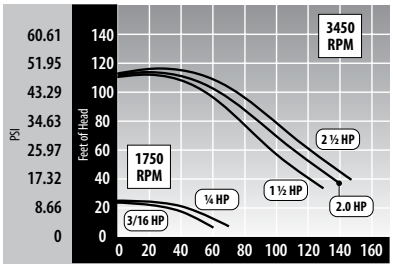
The Champion High Performance Pump is compatible with all cleaning systems, various filters and jet action spas. The Champion Pump is ideal for new installations and as a replacement pump due to its dimensions.

FULL RATED - 1-SPEED PRESSURE VERSUS FLOW RATE

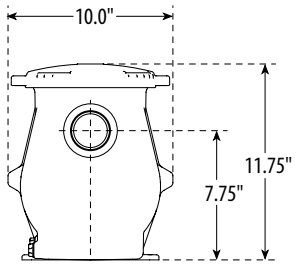


Flow Rate (GPM)

2-SPEED PRESSURE VERSUS FLOW RATE

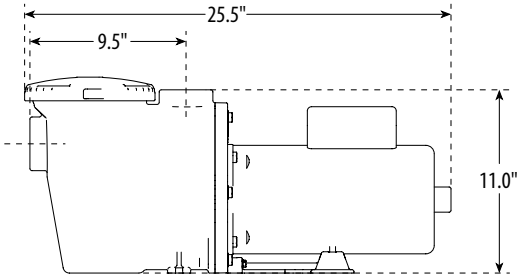


Flow Rate (GPM)





Adjustable Base included. Ideal when replacing or plumbing Sta-Rite, Hayward or Pentair pumps in the field.
675-1380 See Page 55.



Energy Efficient - Full Rated

Part No.	Description	Volts	HP	Weight (lbs.)	List (US $)
CHAMPE-107	1-Speed	115/230	¾	40	1,208.48
CHAMPE-110	1-Speed	115/230	1.0	35	1,302.36
CHAMPE-115	1-Speed	230	1.5	35	1,427.50
CHAMPE-120	1-Speed	230	2.0	39	1,606.20

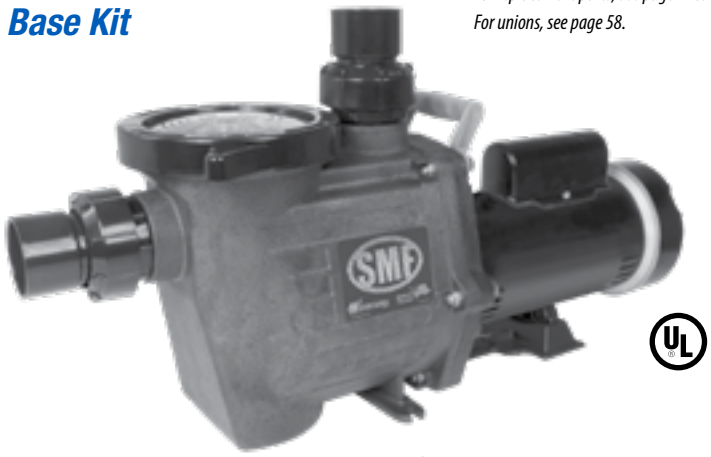
Standard Efficiency - Maximum Rated

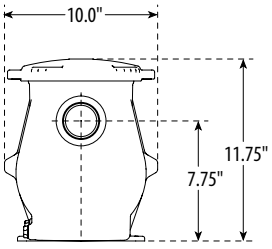
Part No.	Description	Volts	HP	Weight (lbs.)	List (US $)
CHAMPS-107	1-Speed	115/230	¾	33	1,060.27
CHAMPS-110	1-Speed	115/230	1.0	40	1,114.58
CHAMPS-115	1-Speed	115/230	1.5	39	1,176.38
CHAMPS-120	1-Speed	115/230	2.0	52	1,303.99
CHAMPS-125	1-Speed	230	2.5	42	1,575.72
CHAMPS-215	2-Speed	230	1.5	46	1,511.72
CHAMPS-220	2-Speed	230	2.0	45	1,592.37

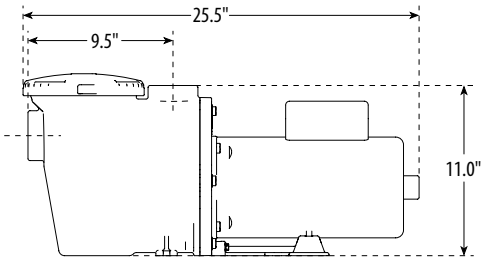
Comes complete with 2 Swivel Union Assemblies & Adjustable Base Kit

Great for precise alignment and plumbing versatility!

For replacement parts, see page 278.
For unions, see page 58.







FEATURES:

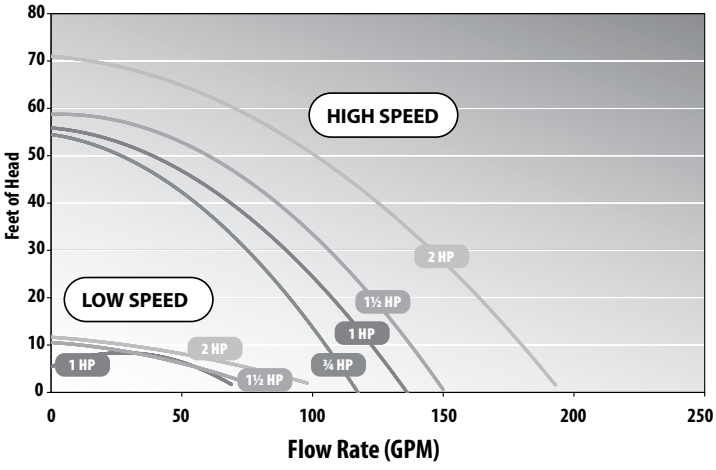
- Super quiet operation
- 2" Swivel Unions included (Intake/Discharge)
- One piece pot and volute reduce noise
- Lower flow rates for more versatile installations
- 1.5" x 2" Bushings included



Adjustable Base included. Ideal when replacing or plumbing Sta-Rite, Hayward or Pentair pumps in the field.

675-1380 **See Page 55.**

SMF - Performance Curves



SMF - 1-Speed Pumps

Part No.	Description	Volts	HP	Weight (lbs.)	List (US $)
SMF-107	1-Speed	115/208-230	¾	38	753.04
SMF-110	1-Speed	115/208-230	1.0	43	784.12
SMF-115	1-Speed	115/208-230	1.5	47	848.14
SMF-120	1-Speed	208-230	2.0	48	988.16

Pool Pumps - Above Ground / **Supreme - 48-Frame**

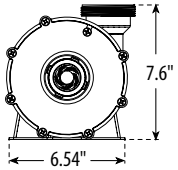
FEATURES:

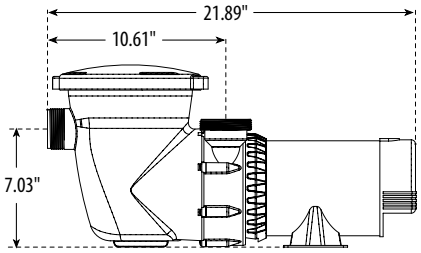
- 1 ½" Union threads / 1 ½" FPT Intake and 2" Union threads / 1 ½" FPT discharge
- Extra large 7" pump trap with clear lid
- Powerful side discharge performance
- Wet end easily rotates

The Supreme Pump is the ultimate in above ground pool engineering. Designed for today's more demanding applications, the Supreme Pump is ideal for D.E., cartridge or sand filtration systems of all sizes.

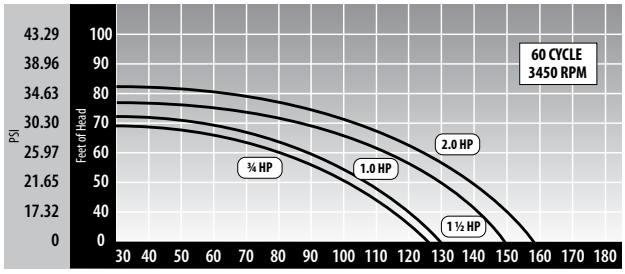


For replacement parts, see page 282.





Supreme Performance Curves



Supreme 48-Frame Above Ground Pool Pump

Part No.	Description	Volts	Amps	HP	Weight (lbs.)	List (US $)
PSP1075-3	1-Speed - 3 ft. Twist-Lock Cord	115	10.78	¾	25	648.60
PSP1100-3	1-Speed - 3 ft. Twist-Lock Cord	115	13.2	1.0	25	660.52
PSP1150-3	1-Speed - 3 ft. Twist-Lock Cord	115	13.2	1.5	26	710.47
PSP1200-3	1-Speed - 3 ft. Twist-Lock Cord	115	18.04	2.0	31	837.08
PSP2075-3	2-Speed - 3 ft. Twist-Lock Cord	115	10.78	¾	27	773.80
PSP2100-3	2-Speed - 3 ft. Twist-Lock Cord	115	13.2	1.0	30	790.82
PSP2150-3	2-Speed - 3 ft. Twist-Lock Cord	115	13.2	1.5	31	849.26
PSP2200-3	2-Speed - 3 ft. Twist-Lock Cord	115	18.04	2.0	35	910.17
PSP1075-6	1-Speed - 3 ft. NEMA Cord	115	10.78	¾	25	648.60
PSP1100-6	1-Speed - 3 ft. NEMA Cord	115	13.2	1.0	25	660.52
PSP1150-6	1-Speed - 3 ft. NEMA Cord	115	13.2	1.5	25	710.47
PSP1200-6	1-Speed - 3 ft. NEMA Cord	115	18.04	2.0	31	837.08
PSP2075-6	2-Speed - 3 ft. NEMA Cord	115	10.78	¾	29	773.80
PSP2100-6	2-Speed - 3 ft. NEMA Cord	115	13.2	1.0	30	790.82
PSP2150-6	2-Speed - 3 ft. NEMA Cord	115	13.2	1.5	32	849.26
PSP2200-6	2-Speed - 3 ft. NEMA Cord	115	18.04	2.0	36	910.17

Part numbers listed are for the discharge in the vertical position (sand). For discharge in horizontal position (cartridge and D.E.), add "R" to the end of the part number.

1-speed pumps have an on/off toggle switch. 2-speed pumps have a hi/lo/off toggle switch included.

NEMA cord is 3 prong grounded. ***All power cords are 3' in length.***

FEATURES:

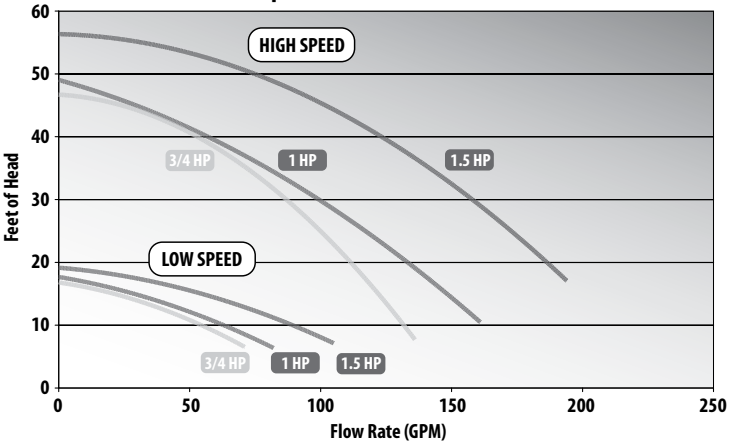
- 1 ½" union threads / 1 ½" FPT intake and 2" union threads / 1 ½" FPT discharge
- Powerful side discharge performance
- Wet end can be rotated for easy installation
- Large 6" pump trap with one-piece clear lid
- High head capability
- Trap is 2" union x 1 ½" union / 1 ½" FPT

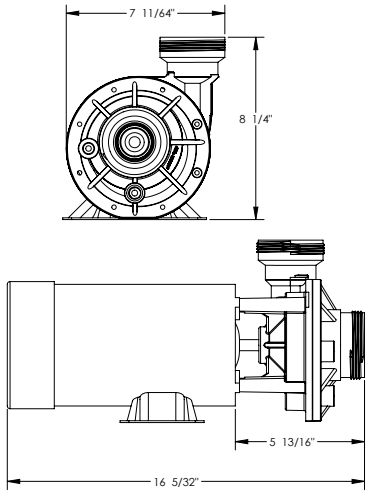


For replacement parts, see page 284.

The Hi-Flo II Above Ground pump was designed for superior and efficient performance. The Hi-Flo II pump features high flow rate performance for faster filtering cycles. This pump is ideal for new installations or as a replacement pump.

Hi-Flo II Pumps – Performance Curves





Hi-Flo II Side Discharge 48-Frame Above Ground Pool Pump and Trap

Part No.	Description	Volts	HP	Weight (lbs.)	List (US $)
PH1075-3	1-Speed - 3 ft. Twist-Lock Cord	115	¾	24	591.23
PH1100-3	1-Speed - 3 ft. Twist-Lock Cord	115	1.0	25	611.22
PH1150-3	1-Speed - 3 ft. Twist-Lock Cord	115	1.5	30.5	659.96
PH1200-3	1-Speed - 3 ft. Twist-Lock Cord	115	2.0	32	786.60
PH2075-3	2-Speed - 3 ft. Twist-Lock Cord	115	¾	24	723.28
PH2100-3	2-Speed - 3 ft. Twist-Lock Cord	115	1.0	25	740.34
PH2150-3	2-Speed - 3 ft. Twist-Lock Cord	115	1.5	30.5	798.75
PH2200-3	2-Speed - 3 ft. Twist-Lock Cord	115	2.0	32	859.66
PH1075-6	1-Speed - 3 ft. NEMA Cord	115	¾	26	591.23
PH1100-6	1-Speed - 3 ft. NEMA Cord	115	1.0	30	611.22
PH1150-6	1-Speed - 3 ft. NEMA Cord	115	1.5	33	659.96
PH1200-6	1-Speed - 3 ft. NEMA Cord	115	2.0	35	786.60
PH2075-6	2-Speed - 3 ft. NEMA Cord	115	¾	26	723.28
PH2100-6	2-Speed - 3 ft. NEMA Cord	115	1.0	30	740.34
PH2150-6	2-Speed - 3 ft. NEMA Cord	115	1.5	33	798.75
PH2200-6	2-Speed - 3 ft. NEMA Cord	115	2.0	35	859.66

Part numbers listed are for the discharge in the vertical position (sand). For discharge in horizontal position (cartridge and D.E.), add "R" to the part number.

1-speed pumps have an on/off toggle switch. 2-speed pumps have a hi/lo/off toggle switch included.

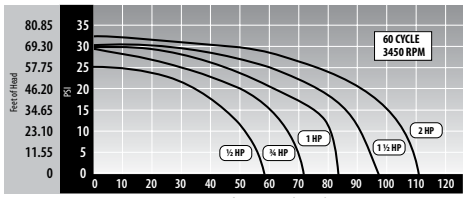
NEMA cord is 3 prong grounded. ***All power cords are 3' in length.***

Notes

FEATURES:

- 1 ½" Union / 1 ½" FPT Inlet & Vertical Discharge or 1 ½" Union / 1 ½" FPT Inlet and Jacuzzi Self-Aligning Union Discharge (SLR9)
- Powerful center discharge performance
- Wet end can be rotated for easy installation
- Large 6" pump trap with 2-piece lid
- High head capability
- Trap is 2" union x 1 ½" union / 1 ½" FPT

PRESSURE VERSUS FLOW RATE





For replacement parts, see page 287.

Center Discharge Above Ground Pool Pump

Part No.	Description	HP	Volts	Weight (lbs.)	List (US $)
3410210-1544	1-Speed - 3 ft. Twist-Lock Cord	½	115	24	576.27
3410314-1544	1-Speed - 3 ft. Twist-Lock Cord	¾	115	24	579.81
3410413-1544	1-Speed - 3 ft. Twist-Lock Cord	1.0	115	24	591.53
3410612-1544	1-Speed - 3 ft. Twist-Lock Cord	1.5	115	26	640.11
3410811-1544	1-Speed - 3 ft. Twist-Lock Cord	2.0	115	26	757.18
3420210-1544	2-Speed - 3 ft. Twist-Lock Cord	½	115	--	691.59
3420310-1544	2-Speed - 3 ft. Twist-Lock Cord	¾	115	29	697.94
3420411-1544	2-Speed - 3 ft. Twist-Lock Cord	1.0	115	29	717.07
3420612-1544	2-Speed - 3 ft. Twist-Lock Cord	1.5	115	31	771.32
3420610-1544	2-Speed - 3 ft. Twist-Lock Cord	2.0	115	--	825.62
3410210-1549	1-Speed - 3 ft. NEMA Cord	½	115	24	576.27
3410314-1549	1-Speed - 3 ft. NEMA Cord	¾	115	24	579.81
3410413-1549	1-Speed - 3 ft. NEMA Cord	1.0	115	24	591.53
3410612-1549	1-Speed - 3 ft. NEMA Cord	1.5	115	26	640.11
3410811-1549	1-Speed - 3 ft. NEMA Cord	2.0	115	26	757.18
3420310-1549	2-Speed - 3 ft. NEMA Cord	¾	115	30	697.94
3420411-1549	2-Speed - 3 ft. NEMA Cord	1.0	115	30	717.07
3420612-1549	2-Speed - 3 ft. NEMA Cord	1.5	115	31	771.32
3420610-1549	2-Speed - 3 ft. NEMA Cord	2.0	115	34	825.62

Center Discharge Above Ground Pool Pump - Jacuzzi Style Threads

Part No.	Description	HP	Volts	Weight (lbs.)	List (US $)
3410210-1524	1-Speed - 3 ft. Twist-Lock Cord	½	115	24	591.76
3410314-1524	1-Speed - 3 ft. Twist-Lock Cord	¾	115	24	596.63
3410413-1524	1-Speed - 3 ft. Twist-Lock Cord	1.0	115	20	608.84
3410612-1524	1-Speed - 3 ft. Twist-Lock Cord	1.5	115	26	657.51
3410811-1524	1-Speed - 3 ft. Twist-Lock Cord	2.0	115	--	780.03
3420210-1524	2-Speed - 3 ft. Twist-Lock Cord	½	115	--	712.96
3420310-1524	2-Speed - 3 ft. Twist-Lock Cord	¾	115	29	718.38
3420411-1524	2-Speed - 3 ft. Twist-Lock Cord	1.0	115	29	737.88
3420612-1524	2-Speed - 3 ft. Twist-Lock Cord	1.5	115	30	793.90
3420610-1524	2-Speed - 3 ft. Twist-Lock Cord	2.0	115	--	803.28
3410210-1529	1-Speed - 3 ft. NEMA Cord	½	115	24	591.76
3410314-1529	1-Speed - 3 ft. NEMA Cord	¾	115	24	596.63
3410413-1529	1-Speed - 3 ft. NEMA Cord	1.0	115	24	608.84
3410612-1529	1-Speed - 3 ft. NEMA Cord	1.5	115	26	657.51
3410811-1529	1-Speed - 3 ft. NEMA Cord	2.0	115	26	784.16
3420210-1529	2-Speed - 3 ft. NEMA Cord	½	115	--	712.96
3420310-1529	2-Speed - 3 ft. NEMA Cord	¾	115	30	718.38
3420411-1529	2-Speed - 3 ft. NEMA Cord	1.0	115	30	737.88
3420612-1529	2-Speed - 3 ft. NEMA Cord	1.5	115	31	793.90
3420610-1529	2-Speed - 3 ft. NEMA Cord	2.0	115	--	803.28

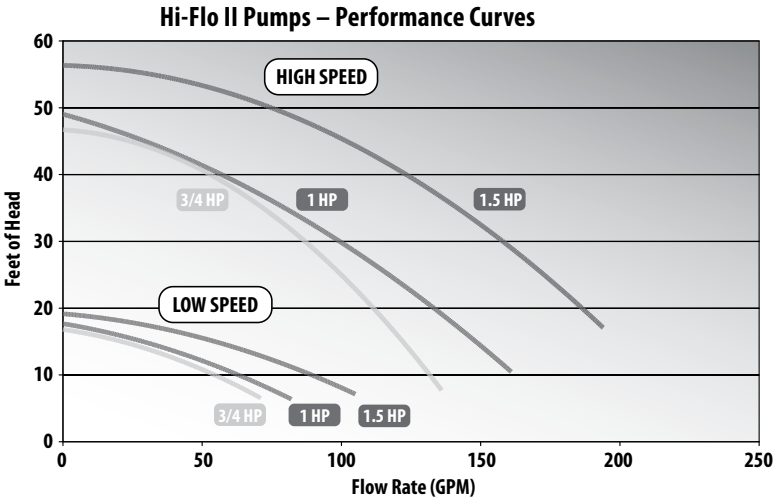
Spa Pumps / **Hi-Flo II Side Discharge - 48-Frame**

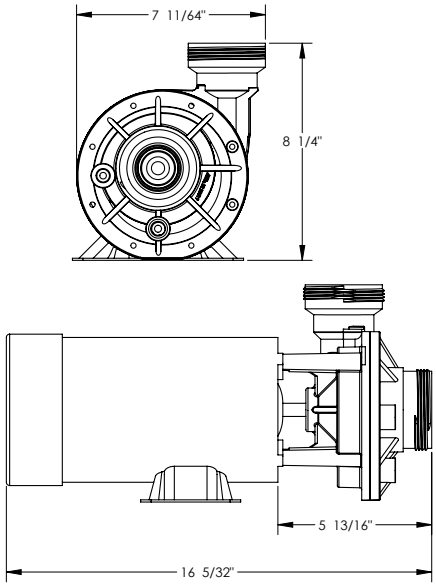
FEATURES:

- High volume side discharge efficiency
- 60% more efficient than our center discharge pumps
- 2" intake and discharge
- Wet end can be rotated for easy installation
- Available in 1 to 4 HP, 1 or 2 speed
- Large 6 ½" diameter wet end for higher head pressure
- Viton Seals



For replacement parts, see page 295.





2-Speed Hi-Flo II Side Discharge 48-Frame Pumps

Part No.	HP	Volts	Amps High Speed	Amps Low Speed	Hz	Dimension "A"	List (US $)
3420410-10	1.0	115	11.0	2.9	60	14.73"	574.13
3420610-10	1.5	115	16.4	4.4	60	15.48"	626.92
3420620-10	1.5	230	8.0	2.6	60	15.48"	626.92
3420820-10	2.0	230	10.5	2.6	60	16.00"	664.28

1-Speed Hi-Flo II Side Discharge 48-Frame Pumps

Part No.	HP	Volts	Amps	Hz	Dimension "A"	List (US $)
3410410-10	1.0	115	12.0	60	14.23"	496.77
3410612-10	1.5	115	17.0	60	14.78"	496.77
3410830-10	2.0	115/230	20-10	60	14.98"	611.33

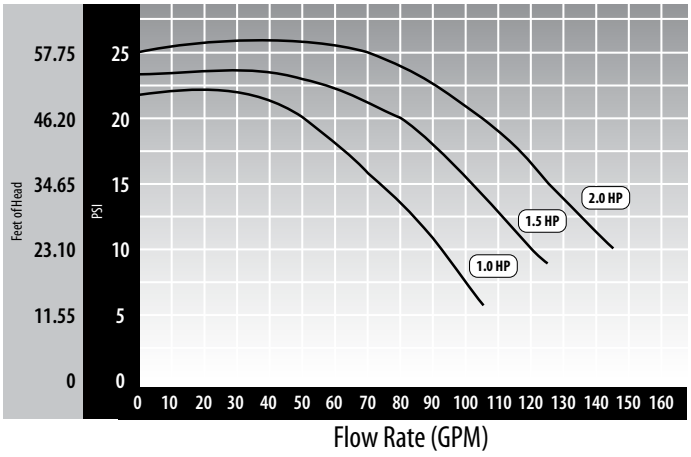
FEATURES:

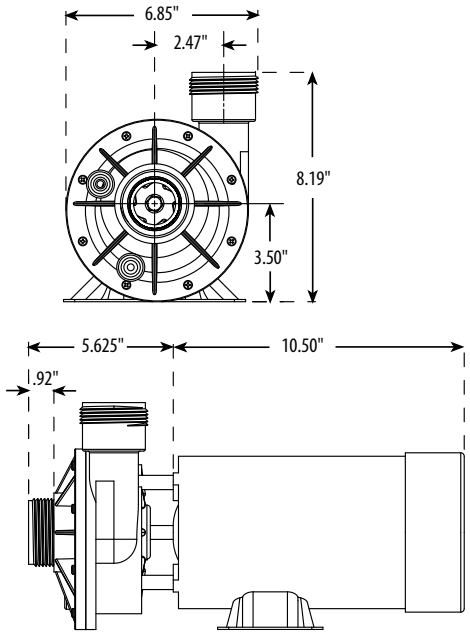
- 48-frame proven design
- Designed for direct replacement in most spas
- Viton seals
- 1 ½" Intake and Discharge
- Direct replacement for Aqua Flo FMHP



For replacement parts, see page 293.

PRESSURE VERSUS FLOW RATE





2-Speed Spa Flo II 48-Frame Pumps					
Part No.	HP	Volts	Hz	Case Quantity	List (US $)
3420410-S0Z	1	115	60	1	574.13
3420610-S0Z	1 ½	115	60	1	755.54
3420820-S0Z	2	230	60	1	755.54

Sold without cords. Please call for available cords.

1-Speed Spa Flo II 48-Frame Pumps					
Part No.	HP	Volts	Hz	Case Quantity	List (US $)
3410410-S0Z	1	115	60	1	495.68
3410610-S0Z	1 ½	115	60	--	533.83
3410830-S0Z	2	115 / 230	60	1	737.57

Sold without cords. Please call for available cords.

Spa Pumps / **EX 2**

FEATURES:

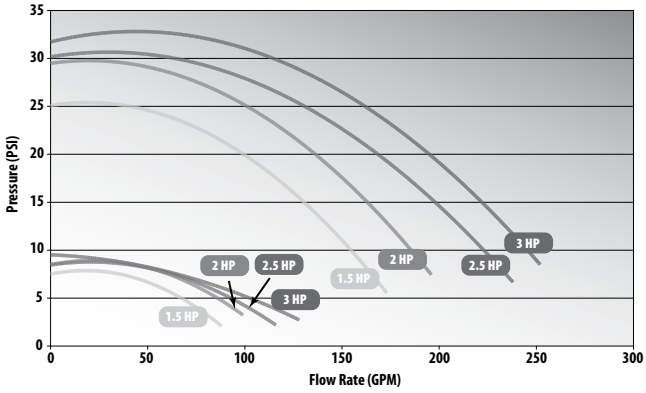
- True continuous rated horsepower of 1.5, 2.0, 2.5 and 3.0 HP
- 48-Frame or 56-Frame, Single or Dual Speed (energy saving)
- Use more jets per pump
- Same physical size as Aqua-Flo XP2, XP2e (fits within the same volume envelope)
- Can be used as substitute or retrofit to Aqua-Flo model XP2 or XP2e pumps and similar pumps and wet ends offered by other domestic and foreign suppliers
- Made in USA from highest quality materials with UL and CUL certifications
- CE and TUV certification on export pumps to ensure product performance for you and your customers
- Equipped with the highest quality Viton Seals
- Equipped with high efficiency electrical motors, custom designed for Spa applications



For replacement parts, see page 290.

Call for available cords and plugs.

EX2 Performance Chart



2-Speed EX 2 48-Frame Pumps

Part No.	Description	HP - Full	Volts	Amps High Speed	Amps Low Speed	Weight (lbs.)	Hz	List (US $)
3420610-1U	2" Intake - 2" Discharge	1.5	115	16.4	4.4	--	60	626.92
3420820-1U	2" Intake - 2" Discharge	2	230	10.5	2.6	33	60	664.28
3421021-1U	2" Intake - 2" Discharge	2	230	9.0	2.8	31	60	613.59
3421221-1U	2" Intake - 2" Discharge	2	230	8.5	2.8	34	60	687.40
3421020-1U	2" Intake - 2" Discharge	2.5	230	11.0	3.3	36	60	712.62
3421821-1U	2" Intake - 2" Discharge	3	230	12.0	3.5	37	60	774.95

1-Speed EX 2 48-Frame Pumps

Part No.	Description	HP - Full	Volts	Amps	Weight (lbs.)	Hz	List (US $)
3410610-1U	2" Intake - 2" Discharge	1.5	115	17.0	27	60	533.83
3411020-1U	2" Intake - 2" Discharge	2.5	230	10.0	34	60	715.31
3411621-1U	2" Intake - 2" Discharge	3.0	230	12.0	35	60	718.09

2-Speed EX 2 56-Frame Pumps

Part No.	Description	HP - Full	Volts	Amps High Speed	Amps Low Speed	Weight (lbs.)	Hz	List (US $)
3720821-1W	2" Intake - 2" Discharge	2	230	8.0	3.0	34	60	667.78
3721621-1W	2" Intake - 2" Discharge	3.0	230	12.0	4.4	47	60	777.87
3M21621-1W	2" Intake - 2" Discharge	3.0	230	12.0	4.4	44	60	777.87

1-Speed EX 2 56-Frame Pumps

Part No.	Description	HP - Full	Volts	Amps	Weight (lbs.)	Hz	List (US $)
3711621-1W	2" Intake - 2" Discharge	3.0	230	12.0	41	60	740.19

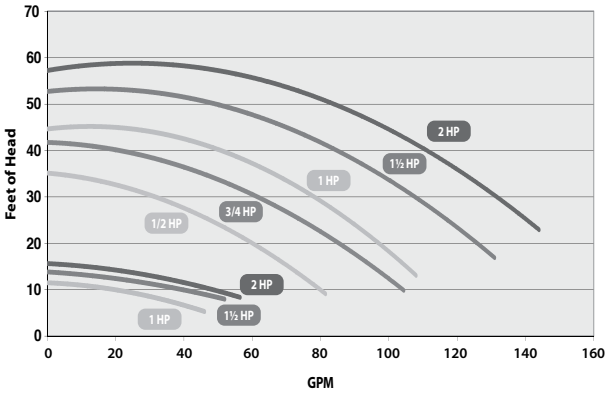
FEATURES:

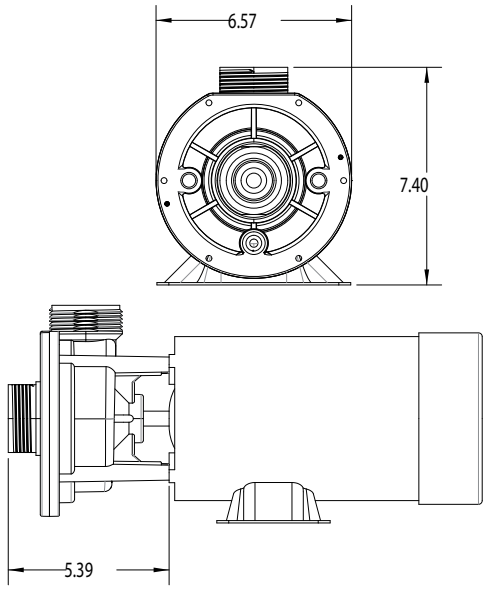
- Reliable center discharge performance
- 1 ½" intake and discharge
- Wet end can be rotated for easy installation
- Available in ¾ to 2 HP, 1 or 2 speed
- Viton Seals
- 18 month warranty



For replacement parts, see page 286.

Center Discharge e-Series Pumps





2-Speed Center Discharge Spa Pumps

Part No.	HP	Volts	Amps High Speed	Amps Low Speed	Hz	Dimension "A"	Weight (lbs.)	List (US $)
3420310-15	¾	115	8.8	2.6	60	15.00"	25	548.47
3420410-15	1.0	115	11.0	2.9	60	15.00"	26	574.13
3420610-15	1.5	115	16.4	4.4	60	15.75"	29	626.92
3420620-15	1.5	230	8.0	2.6	60	15.73"	29	626.92
3420820-15	2.0	230	10.5	2.6	60	16.28"	32	664.28

1-Speed Center Discharge Spa Pumps

Part No.	HP	Volts	Amps	Hz	Dimension "A"	Weight (lbs.)	List (US $)
3410310-15	¾	115	9.8	60	14.00"	19	474.89
3410410-15	1.0	115	12.0	60	14.50"	21	495.68
3410610-15	1.5	115	17.0	60	15.05"	26	533.83
3410830-15	2.0	115/230	20-10	60	16.26"	33	611.33

Pool Pumps - In-Ground / **Universal Booster Pump**

FEATURES:

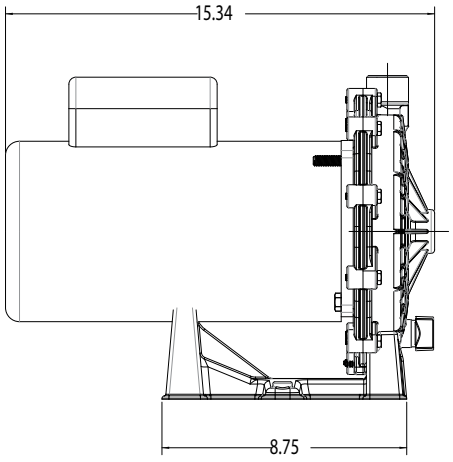
- Suitable for all swimming pool pressure cleaners.
- Best replacement for any 3/4 HP booster pump.
- Optimized for reliability, durability & efficiency.
- Comes with a tall, versatile mounting base.
- Equipped w/high efficiency square flange 3/4 HP, 230/115 V motor. Provides extra quiet, long life operation and optimum energy efficiency.
- Maintains one of the highest head pressures in the industry.

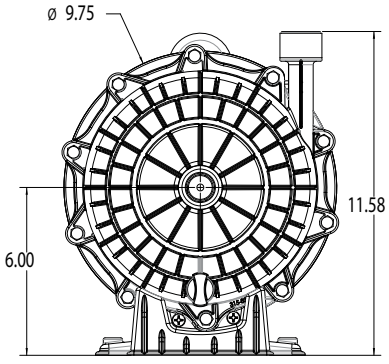


For replacement parts, see page 264.
For unions, see page 58.

Comes with everything you need to install or retrofit the pump: reinforced flexible pump hose, hose barb adaptors and clamps.







Universal Booster Pump

Part No.	Description	Volts	HP	List (US $)
3810430-1PDA	Booster Pump 60 HZ with Connectors and Hose Kit	115/230V	3/4 HP	640.53
550-8700	Hose, Fitting And Clamp Kit (4)	N/A	N/A	56.28

BOOSTER
VARIABLE SPEED PUMP

The first Variable Speed Pressure Cleaner Booster Pump.



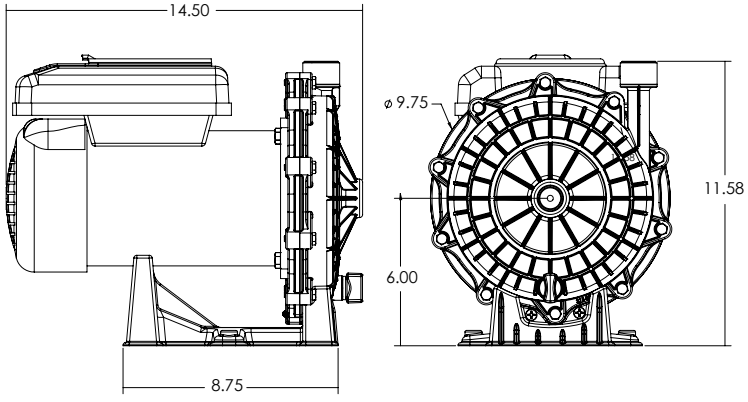
FEATURES:

- Change the operational speed of your pool cleaner. Save on your electric bill and optimize the performance of your pressure pool cleaner to fit your custom pool cleaning needs.
- Reduce wear, and extend the life of your pressure pool cleaner by avoiding unnecessary and excessive speed.
- Built-in timer provides 3 custom cleaning schedules for your pool cleaner – without the need for a separate timer. Program a different custom cleaning schedule for each season.
- Ultra energy efficient, quiet & durable Permanent Magnet motor provides years of trouble free service.

For replacement parts, see page 266.
For unions, see page 58.



Comes with everything you need to install or retrofit the pump: reinforced flexible pump hose, hose barb adaptors and clamps.



Smart **energy solutions** for the Pool & Spa industry.

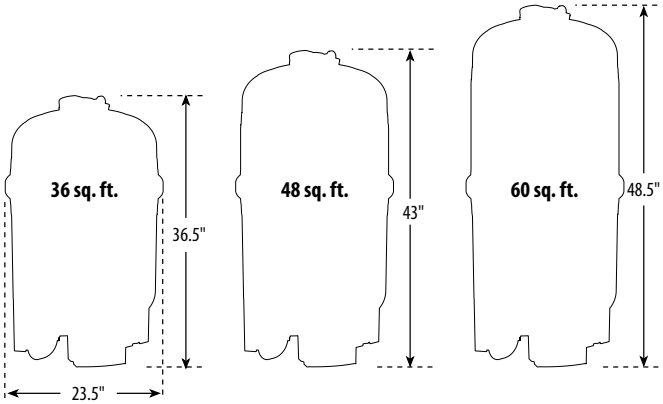
Power Defender Booster Pump				
Part No.	Description	Volts	HP	List (US $)
PD-275	Power Defender Variable Speed Booster	230V	3/4HP	1258.59
PD-175	Power Defender Variable Speed Booster	115V	3/4HP	1258.59

Pool Filters - In-Ground / **Crystal Water - D.E.**

Designed for today's most demanding installations, the Crystal Water D.E. Filter sets a new standard of performance and features for pool filters. The only D.E. filter on the market with 2 ½" internal piping, improves flow and reduces system noise when using 2 ½", 2" or 1 ½" plumbing. From the lid with the "Multi-Handle" design to the 2" bottom clean out port, the Crystal Water D.E. Filter will provide years of trouble-free operation and crystal clear, sparkling water.

FEATURES:

- NSF Listed
- 2 ½" internal piping
- Fiberglass reinforced polypropylene body for superior strength
- "Multi-Handle" design
- Heavy-duty tamper-proof clamp
- Industry-proven D.E. grids
- "Start-Service" dial on stainless steel pressure gauge
- 1 ½" bottom clean-out port
- 2 ½" hi-temp PVC slide valve available
- 2 ½" x 2" Multi-Port Valves – available in Slip or FPT
- Convertible to cartridge by simply changing internals





For replacement parts, see page 300.

Crystal Water D.E. Filters

Part No.	Size	Flow Rate	Pool Turnover (6 hrs.)	Pool Turnover (8 hrs.)	Weight (lbs.)	List (US $)
570-0036-07	36 sq. ft.	72 GPM	25,920	34,560	70	1,422.96
570-0048-07	48 sq. ft.	96 GPM	34,560	46,080	80	1,617.12
570-0060-07	60 sq. ft.	120 GPM	43,200	57,600	90	1,778.87



600-1500



WVD001

Valves for D.E. Filters

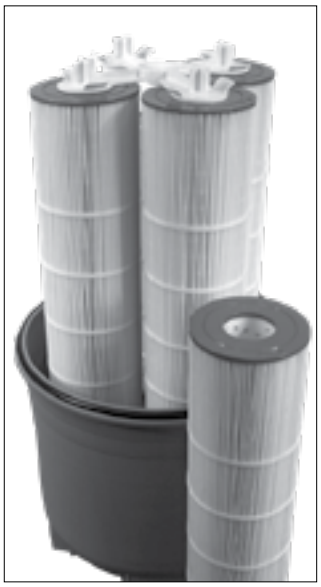
Part No.	Description	Case Quantity	Weight (lbs.)	List (US $)
600-1500	2 ½" Hi-Temp PVC Slide Valve Assembly *(2" and 1 ½" reducers included)*	1	11	161.80
550-4280	Slide Valve Adapter Fitting Package for D.E. / Cartridge Filter *(2" and 1 ½" reducers included)*	1	--	50.39
WVD001	Multi-Port Valve with Union Connections - 2" FPT	1	13	262.00
WVD002	Multi-Port Valve with Union Connections - 2" Socket	1	13	262.00

FEATURES:

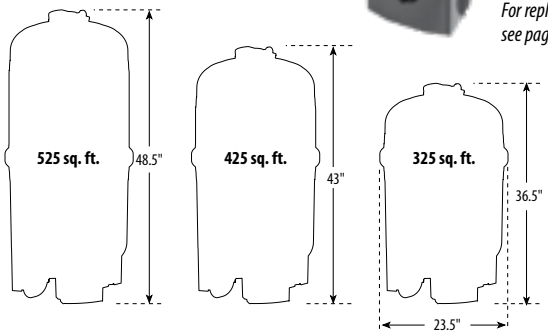
- NSF Listed
- 2 ½" internal piping
- 2 ½" Valve Bulkhead Unions (includes 2" and 1 ½" reducers)
- Fiberglass reinforced polypropylene body for superior strength
- "Multi-Handle" design
- Heavy-duty tamper-proof clamp with removal tool
- Industry proven quad-cartridge elements layout
- "Start-Service" dial on stainless steel pressure gauge
- 1 ½" bottom clean-out port
- Convertible to D.E. by simply changing internals



For replacement parts, see page 304.



Cluster of 4 cartridge elements for ease of maintenance and longer cleaning cycles.



Combining high technology features and an easy to service design, the Crystal Water Cartridge Filter is ideal for new and replacement installations. The only cartridge filter on the market with 2 ½" internal piping, improves flow and reduces system noise when using 2 ½", 2" or 1 ½" plumbing. Using four cartridge elements, the Crystal Water Cartridge Filter offers a superior choice for easy maintenance and crystal clear, clean water.

Crystal Water Cartridge Filters

Part No.	Size	NSF Flow Rate	Pool Turnover (6 hrs.)	Pool Turnover (8 hrs.)	Weight (lbs.)	List (US $)
570-0325-07	325 sq. ft.	112 GPM	43,200	57,600	74	1,794.89
570-0425-07	425 sq. ft.	150 GPM	54,000	72,000	84	2,021.44
570-0525-07*	525 sq. ft.	150 GPM	54,000	72,000	92	2,344.86

** Ideal for longer cleaning cycles*



400-9974B

Bulkhead Fittings

Part No.	Description	Case Quantity	Weight (lbs.)	List (US $)
421-4071B	Reducer - 1 ½" to 2"	--	--	3.26
421-4201B	Reducer - 2 ½" to 2"	--	--	3.26
415-4211B	2 ½" Union Nut (2 required)	--	--	12.37
417-2201B	2 ½" Tailpiece with Piston O-Ring Groove (2 required)	--	--	7.78
805-0232B	O-Ring - 2 ½" Union (4 required - 2 for each Bulkhead)	--	--	2.07

Pool Filters - Above Ground / **ClearWater II - D.E.**

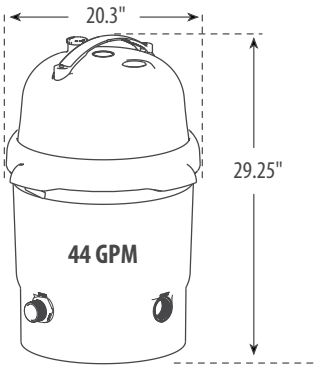
True Spiral Laminar flow in an above ground filter. Spiral Laminar flow ensures even distribution of D.E. for maximum filtration. The ClearWater D.E. filter features automatic hydraulic regeneration, Waterway's Safety Lock Ring system for safe operation and maintenance, and a ten year warranty on its rugged glass-filled polymer body.

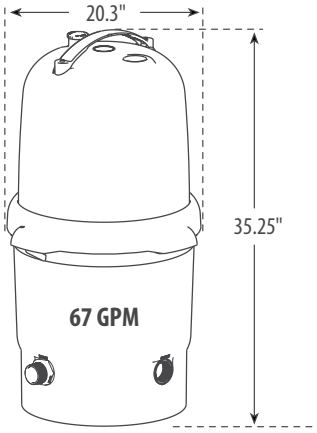
FEATURES:

- True Spiral Laminar flow for even disbursement of D.E.
- Automatic hydraulic regeneration
- High flow rate
- Modular grid system for easy maintenance
- Union gate valve with 1 ½" hose adapter drain shut off
- Flush-mounted stainless steel pressure gauge
- Low-profile air relief plug
- Automatic air bleed capability
- Heavy-duty lid handle









For replacement parts, see page 306.
For equipment bases, see page 55.

ClearWater II D.E. Filters

Part No.	Description	Filtration Area	Pool Turnover (6 hrs.)	Pool Turnover (8 hrs.)	Weight (lbs.)	List (US $)
FD12-7	44 GPM Filter	12 sq. ft.	15,840	21,120	34	739.77
FD18-7	67 GPM Filter	18 sq. ft.	24,120	32,160	39	890.46

ClearWater II D.E. Accessories

Part No.	Description	Case Quantity	Weight (lbs.)	List (US $)
672-7211	ClearWater Modular Filter Base - 7" x 23" Diameter	1	29	78.45
429-7300	Pin and Anchor Assembly Kit for Base	1	1	8.17

FEATURES:

- True Spiral Laminar flow D.E. filter
- Top of the line Supreme High Performance Single or Dual Speed Pump
- Extra large 7" pump trap with clear lid
- Unionized gate valve to isolate the system for maintenance
- Drain Shut Off - Union Gate Valve with 1 ½" hose adapter
- Two 1 ½" diameter hoses with clamps
- Filter and pump mounting base, complete fitting package for all connections
- Accessory base (optional) allows for addition of optional timer and/or chlorinator kits for minimal maintenance
- Dual speed pump meets CEC Title 20 Code - Effective January 1, 2008



Complete the D.E. filtration system with the high performance Waterway Supreme Pump and accessories. The D.E. Filter and Pump Pack provides homeowners with everything they need to get their system up and running. It assures them of matched components and optimal performance with years of dependable service.

ClearWater II D.E. Deluxe Systems - Supreme 1-Speed Pump

Part No.	Filter	Flow Rate	Pump	HP	Volts	Weight (lbs.)	Cord	List (US $)
FDS044107-3S	FD12-7	44 GPM	PSP1100-3R	1.0	115	--	3 ft. Twist-Lock	1,299.83
FDS067107-3S	FD18-7	67 GPM	PSP1100-3R	1.0	115	76	3 ft. Twist-Lock	1,515.68
FDS067157-3S	FD18-7	67 GPM	PSP1150-3R	1.5	115	68	3 ft. Twist-Lock	1,902.62
FDS044107-6S	FD12-7	44 GPM	PSP1100-6R	1.0	115	--	3 ft. NEMA	1,299.83
FDS067107-6S	FD18-7	67 GPM	PSP1100-6R	1.0	115	--	3 ft. NEMA	1,515.34
FDS067157-6S	FD18-7	67 GPM	PSP1150-6R	1.5	115	--	3 ft. NEMA	1,902.21

INCLUDES:

- 2 hoses (1 ½" x 6 ft.)
- Filter / Pump Union Adapter, Hose fittings and hose clamps
- 3 ft. cord Twist-Lock plug (NEC/UL), or3 ft. cord NEMA plug
- 2 Unionized gate valves to isolate system for maintenance & drain
- Accessory base for optional timer and/or chlorinator

ClearWater II D.E. Deluxe Systems - Supreme 2-Speed Pump

Part No.	Filter	Flow Rate	Pump	HP	Volts	Weight (lbs.)	Cord	List (US $)
FDS044107-3	FD12-7	44 GPM	PSP2100-3R	1.0	115	--	3 ft. Twist-Lock	1,477.16
FDS067107-3	FD18-7	67 GPM	PSP2100-3R	1.0	115	--	3 ft. Twist-Lock	1,841.18
FDS067157-3	FD18-7	67 GPM	PSP2150-3R	1.5	115	--	3 ft. Twist-Lock	1,876.35
FDS044107-6	FD12-7	44 GPM	PSP2100-6R	1.0	115	--	3 ft. NEMA	1,477.16
FDS067107-6	FD18-7	67 GPM	PSP2100-6R	1.0	115	--	3 ft. NEMA	1,841.18
FDS067157-6	FD18-7	67 GPM	PSP2150-6R	1.5	115	--	3 ft. NEMA	1,876.35

INCLUDES:

- 2 hoses (1 ½" x 6 ft.)
- Filter / Pump Union Adapter, Hose fittings and hose clamps
- 3 ft. cord Twist-Lock plug (NEC/UL), or 3 ft. cord NEMA plug
- 2 Unionized gate valves to isolate system for maintenance & drain
- Accessory base for optional timer and/or chlorinator

ClearWater II D.E. Deluxe Systems (without Supreme Pump)

Part No.	Filter	Flow Rate	Weight (lbs.)	List (US $)
FDS0447S	FD12-7	44 GPM	1	864.71
FDS0677S	FD18-7	67 GPM	1	1,229.90

All power cords are 3' in length.

INCLUDES:

- 2 hoses (1 ½" x 6 ft.)
- Filter / Pump Union Adapter, Hose fittings and hose clamps
- 2 Unionized gate valves to isolate system for maintenance & drain
- Accessory base for optional timer and/or chlorinator

Pool Filters - Above Ground / **ClearWater II - D.E. Standard System**

The D.E. Filter and Pump Pack provides homeowners with everything they need to get their system up and running. It assures them of matched components and optimal performance with years of dependable service.

FEATURES:

- True Spiral Laminar flow D.E. filter
- Hi-Flo II High Performance Single or Dual Speed Pump
- Large 6" pump trap with 2-piece lid
- Two 1 ½" diameter hoses with clamps
- Complete fitting package for all connections
- Dual Speed meets CEC Title 20 Code - Effective January 1, 2008



INCLUDES:

- 2 Hoses (1 ½" x 6 ft.)
- Filter/ Pump Union Adapter, Hose fittings and hose clamps
- 3 ft. cord Twist-Lock plug (NEC/ UL), or 3 ft. cord NEMA plug
- Standard system base

ClearWater II D.E. Standard Systems - Hi-Flo II 1-Speed Pump

Part No.	Filter	Flow Rate	Pump	HP	Volts	Weight (lbs.)	Cord	List (US $)
520-5007-3S	FD12-7	44 GPM	PH1100-3R	1.0	115	70	3 ft. Twist-Lock	1,183.21
520-5027-3S	FD18-7	67 GPM	PH1100-3R	1.0	115	70	3 ft. Twist-Lock	1,370.78
520-5037-3S	FD18-7	67 GPM	PH1150-3R	1.5	115	70	3 ft. Twist-Lock	1,417.49
520-5007-6S	FD12-7	44 GPM	PH1100-6R	1.0	115	70	3 ft. NEMA	1,183.21
520-5027-6S	FD18-7	67 GPM	PH1100-6R	1.0	115	70	3 ft. NEMA	1,370.78
520-5037-6S	FD18-7	67 GPM	PH1150-6R	1.5	115	70	3 ft. NEMA	1,417.49

INCLUDES:

- 2 Hoses (1 ½" x 6 ft.)
- Filter/ Pump Union Adapter, Hose fittings and hose clamps
- 3 ft. cord Twist-Lock plug (NEC/ UL), or 3 ft. cord NEMA plug
- Standard system base

ClearWater II D.E. Standard Systems - Hi-Flo II 2-Speed Pump

Part No.	Filter	Flow Rate	Pump	HP	Volts	Weight (lbs.)	Cord	List (US $)
522-5007-3S	FD12-7	44 GPM	PH2100-3R	1.0	115	70	3 ft. Twist-Lock	1,256.03
522-5027-3S	FD18-7	67 GPM	PH2100-3R	1.0	115	--	3 ft. Twist-Lock	1,443.18
522-5037-3S	FD18-7	67 GPM	PH2150-3R	1.5	115	75	3 ft. Twist-Lock	1,494.29
522-5007-6S	FD12-7	44 GPM	PH2100-6R	1.0	115	70	3 ft. NEMA	1,256.03
522-5027-6S	FD18-7	67 GPM	PH2100-6R	1.0	115	70	3 ft. NEMA	1,443.65
522-5037-6S	FD18-7	67 GPM	PH2150-6R	1.5	115	70	3 ft. NEMA	1,494.29

INCLUDES:

- 2 Hoses (1 ½" x 6 ft.)
- Filter/ Pump Union Adapter, Hose fittings and hose clamps
- Standard system base

ClearWater II D.E. Standard Systems (without Hi-Flo II Pump)

Part No.	Filter	Flow Rate	List (US $)
520-5007	FD12-7	44 GPM	841.90
520-5027	FD18-7	67 GPM	870.00

All power cords are 3' in length.

FEATURES:

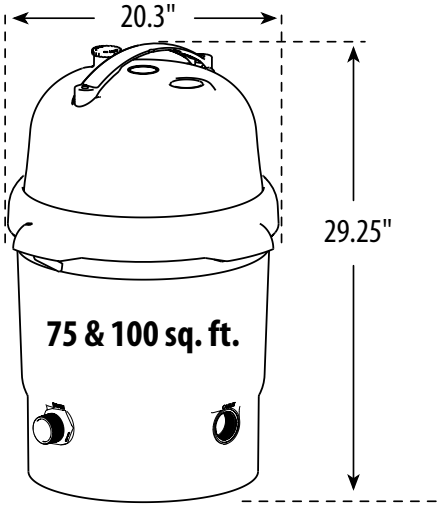
- Wide-body filtration system
- Durable glass-filled polymer filter body
- Three year warranty on filter body
- 1 ½" clean out drain on 1 ½" FPT
- Flush-mounted stainless steel pressure gauge
- Low-profile air relief plug
- Heavy-duty lid handle

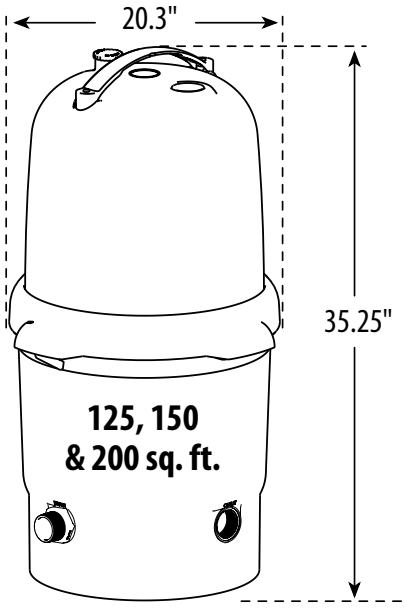


MICRONS 10 to 15

For replacement parts, see page 307.
For equipment bases, see page 55.

Large filtration, small footprint, and high flow. ClearWater II Cartridge Filters incorporate wide-body filtration elements to give maximum filtration without sacrificing flow rate. Made of a durable glass-filled polymer, ClearWater II Cartridge Filters provide years of trouble-free performance. ClearWater II Cartridge Filters feature Waterway's Safety Lock Ring system to ensure safe operation and easy maintenance.





ClearWater II Cartridge Filters

Part No.	Filtration Area	Flow Rate	Pool Turnover (6 hrs.)	Pool Turnover (8 hrs.)	Weight (lbs.)	List (US $)
FC0757	75 sq. ft.	75 GPM	27,000	36,000	46	647.95
FC1007	100 sq. ft.	100 GPM	36,000	48,000	34	831.56
FC1257	125 sq. ft.	125 GPM	45,000	60,000	34	890.93
FC1507	150 sq. ft.	150 GPM	54,000	72,000	59	1,119.17
FC2007*	200 sq. ft.	150 GPM	54,000	72,000	36	1,264.68

**Longer period between cleaning cycles*

Pool Filters - Above Ground / **ClearWater II - Cartridge Deluxe System**

Complete the Cartridge filtration system with the Waterway Supreme High Performance Pump and accessories.

FEATURES:

- Large filtration, small footprint cartridge filter
- Top of the line Supreme High Performance Single or Dual Speed Pump
- Extra large 7" pump trap with clear lid
- Unionized gate valve to isolate the system for maintenance
- Two 1 ½" diameter hoses with clamps
- Filter and pump mounting base
- Complete fitting package for all connections
- Accessory base allows for addition of optional timer and/or chlorinator kits for minimal maintenance
- Dual speed pump meets CEC Title 20 Code - Effective January 1, 2008



INCLUDES:

- 2 hoses (1 ½" x 6 ft.)
- Filter / Pump Union Adapter, Hose fittings and hose clamps
- 3 ft. cord Twist-Lock plug (NEC/UL), or 3 ft. cord NEMA plug
- Deluxe one-piece base system
- Unionized gate valve to isolate system for maintenance
- Accessory base for optional timer and/or chlorinator

ClearWater II Cartridge Deluxe System with Supreme 1-Speed Pump

Part No.	Filter	Filtration Area	Pump	HP	Volts	Weight (lbs.)	Cord	List (US $)
FCS075107-3S	FC0757	75 sq. ft.	PSP1100-3R	1.0	115	69	3 ft. Twist-Lock	1,160.87
FCS100107-3S	FC1007	100 sq. ft.	PSP1100-3R	1.0	115	--	3 ft. Twist-Lock	1,322.43
FCS125157-3S	FC1257	125 sq. ft.	PSP1150-3R	1.5	115	--	3 ft. Twist-Lock	1,451.31
FCS150157-3S	FC1507	150 sq. ft.	PSP1150-3R	1.5	115	72	3 ft. Twist-Lock	1,547.50
FCS200157-3S	FC2007	200 sq. ft.	PSP1150-3R	1.5	115	--	3 ft. Twist-Lock	1,695.23
FCS075107-6S	FC0757	75 sq. ft.	PSP1100-6R	1.0	115	--	3 ft. NEMA	1,160.63
FCS100107-6S	FC1007	100 sq. ft.	PSP1100-6R	1.0	115	74	3 ft. NEMA	1,322.43
FCS100137-6S	FC1007	100 sq. ft.	PSP1075-6R	0.75	115	74	3 ft. NEMA	1,231.14
FCS125157-6S	FC1257	125 sq. ft.	PSP1150-6R	1.5	115	--	3 ft. NEMA	1,451.31
FCS150157-6S	FC1507	150 sq. ft.	PSP1150-6R	1.5	115	72	3 ft. NEMA	1,547.50
FCS200137-6S	FC2007	200 sq. ft.	PSP1075-6R	0.75	115	78	3 ft. NEMA	1,471.69
FCS200157-6S	FC2007	200 sq. ft.	PSP1150-6R	1.5	115	--	3 ft. NEMA	1,695.23

INCLUDES:

- 2 hoses (1 ½" x 6 ft.)
- Filter / Pump Union Adapter, Hose fittings and hose clamps
- 3 ft. cord Twist-Lock plug (NEC/UL), or 3 ft. cord NEMA plug
- Deluxe one-piece base system
- Unionized gate valve to isolate system for maintenance
- Accessory base for optional timer and/or chlorinator

ClearWater II Cartridge Deluxe System with Supreme 2-Speed Pump

Part No.	Filter	Filtration Area	Pump	HP	Volts	Weight (lbs.)	Cord	List (US $)
FCS075107-3	FC0757	75 sq. ft.	PSP2100-3R	1.0	115	69	3 ft. Twist-Lock	1,316.64
FCS100107-3	FC1007	100 sq. ft.	PSP2100-3R	1.0	115	74	3 ft. Twist-Lock	1,531.92
FCS125157-3	FC1257	125 sq. ft.	PSP2150-3R	1.5	115	--	3 ft. Twist-Lock	1,700.03
FCS150157-3	FC1507	150 sq. ft.	PSP2150-3R	1.5	115	72	3 ft. Twist-Lock	1,829.28
FCS200157-3	FC2007	200 sq. ft.	PSP2150-3R	1.5	115	--	3 ft. Twist-Lock	1,864.56
FCS075107-6	FC0757	75 sq. ft.	PSP2100-6R	1.0	115	69	3 ft. NEMA	1,304.14
FCS100107-6	FC1007	100 sq. ft.	PSP2100-6R	1.0	115	74	3 ft. NEMA	1,554.91
FCS125157-6	FC1257	125 sq. ft.	PSP2150-6R	1.5	115	--	3 ft. NEMA	1,700.41
FCS150157-6	FC1507	150 sq. ft.	PSP2150-6R	1.5	115	72	3 ft. NEMA	1,829.28
FCS200157-6	FC2007	200 sq. ft.	PSP2150-6R	1.5	115	--	3 ft. NEMA	1,864.98

INCLUDES:

- 2 hoses (1 ½" x 6 ft.)
- Filter/ Pump Union Adapter, Hose fittings and hose clamps
- Deluxe one-piece base system
- Unionized gate valve to isolate system for maintenance
- Accessory base for optional timer and/or chlorinator

ClearWater II Cartridge Deluxe System (without Supreme Pump)

Part No.	Filter	Filtration Area	List (US $)
FCS0757S	FC0757	75 sq. ft.	730.43
FCS1007S	FC1007	100 sq. ft.	974.29
FCS1257S	FC1257	125 sq. ft.	1,182.47
FCS1507S	FC1507	150 sq. ft.	1,182.47
FCS2007S	FC2007	200 sq. ft.	1,182.47

All power cords are 3' in length.

Pool Filters - Above Ground / **ClearWater II - Cartridge Standard System**

FEATURES:

- Large filtration, small footprint cartridge filter
- Hi-Flo II High Performance Single or Dual Speed Pump
- Large 6" pump trap with 2-piece lid
- Two 1 ½" diameter hoses, with clamps
- Dual speed pump meets CEC Title 20 Code - Effective January 1, 2008



The Cartridge Filter and Pump Pack provides homeowners with everything they need to get their system up and running. It assures them years of dependable service.

ClearWater II Cartridge Standard System with Hi-Flo II 1-Speed Pump

Part No.	Filter	Filtration Area	Pump	HP	Volts	Weight (lbs.)	Cord	List (US $)
520-5107-3S	FC0757	75 sq. ft.	PH1100-3R	1.0	115	60	3 ft. Twist-Lock	1,053.62
520-5127-3S	FC1007	100 sq. ft.	PH1100-3R	1.0	115	60	3 ft. Twist-Lock	1,225.86
520-5147-3S	FC1007	100 sq. ft.	PH1150-3R	1.5	115	60	3 ft. Twist-Lock	1,233.35
520-5157-3S	FC1257	125 sq. ft.	PH1150-3R	1.5	115	--	3 ft. Twist-Lock	1,318.24
520-5167-3S	FC1507	150 sq. ft.	PH1150-3R	1.5	115	65	3 ft. Twist-Lock	1,403.68
520-5187-3S	FC2007	200 sq. ft.	PH1150-3R	1.5	115	50	3 ft. Twist-Lock	1,529.94
520-5107-6S	FC0757	75 sq. ft.	PH1100-6R	1.0	115	60	3 ft. NEMA	1,053.62
520-5127-6S	FC1007	100 sq. ft.	PH1100-6R	1.0	115	60	3 ft. NEMA	1,225.86
520-5147-6S	FC1007	100 sq. ft.	PH1150-6R	1.5	115	60	3 ft. NEMA	1,233.07
520-5157-6S	FC1257	125 sq. ft.	PH1150-6R	1.5	115	70	3 ft. NEMA	1,236.67
520-5167-6S	FC1507	150 sq. ft.	PH1150-6R	1.5	115	50	3 ft. NEMA	1,403.68
520-5187-6S	FC2007	200 sq. ft.	PH1150-6R	1.5	115	51	3 ft. NEMA	1,539.73

INCLUDES:

- 2 hoses (1 ½" x 6 ft.)
- Filter/ Pump Union Adapter, Hose fittings and hose clamps
- 3 ft. cord Twist-Lock plug (NEC/ UL), or 3 ft. cord NEMA plug
- One-piece system base

ClearWater II Cartridge Standard System with Hi-Flo II 2-Speed Pump

Part No.	Filter	Filtration Area	Pump	HP	Volts	Weight (lbs.)	Cord	List (US $)
522-5107-3S	FC0757	75 sq. ft.	PH2100-3R	1.0	115	--	3 ft. Twist-Lock	1,126.44
522-5127-3S	FC1007	100 sq. ft.	PH2100-3R	1.0	115	66	3 ft. Twist-Lock	1,298.70
522-5147-3S	FC1007	100 sq. ft.	PH2150-3R	1.5	115	65	3 ft. Twist-Lock	1,239.54
522-5157-3S	FC1257	125 sq. ft.	PH2150-3R	1.5	115	66	3 ft. Twist-Lock	1,395.03
522-5167-3S	FC1507	150 sq. ft.	PH2150-3R	1.5	115	70	3 ft. Twist-Lock	1,480.51
522-5187-3S	FC2007	200 sq. ft.	PH2150-3R	1.5	115	--	3 ft. Twist-Lock	1,586.58
522-5107-6S	FC0757	75 sq. ft.	PH2100-6R	1.0	115	66	3 ft. NEMA	1,126.44
522-5127-6S	FC1007	100 sq. ft.	PH2100-6R	1.0	115	66	3 ft. NEMA	1,298.70
522-5147-6S	FC1007	100 sq. ft.	PH2150-6R	1.5	115	66	3 ft. NEMA	1,310.16
522-5157-6S	FC1257	125 sq. ft.	PH2150-6R	1.5	115	--	3 ft. NEMA	1,395.03
522-5167-6S	FC1507	150 sq. ft.	PH2150-6R	1.5	115	71	3 ft. NEMA	1,480.51
522-5187-6S	FC2007	200 sq. ft.	PH2150-6R	1.5	115	62	3 ft. NEMA	1,586.94

INCLUDES:

- 2 hoses (1 ½" x 6 ft.)
- Filter/ Pump Union Adapter, Hose fittings and hose clamps
- 3 ft. cord Twist-Lock plug (NEC/ UL), or 3 ft. cord NEMA plug
- One-piece system base

ClearWater II Cartridge Standard System (without Hi-Flo II Pump)

Part No.	Filter	Filtration Area	Weight (lbs.)	List (US $)
520-5107	FC0757	75 sq. ft.	--	717.89
520-5127	FC1007	100 sq. ft.	38	824.30
520-5157	FC1257	125 sq. ft.	42	968.11
520-5167	FC1507	150 sq. ft.	43	1,099.09
520-5187	FC2007	200 sq. ft.	43	1,109.41

INCLUDES:

- 2 hoses (1 ½" x 6 ft.)
- Filter/ Pump Union Adapter, Hose fittings and hose clamps
- One-piece system base

All power cords are 3' in length.

Pool Filters - In-Ground & Above Ground / **ProClean Plus - Single Cartridge and D.E. Cartridge**

FEATURES:

- NSF Listed
- 2" FPT inlet and outlet for more flow
- Raised inlet for clean easy plumbing and extra dirt holding capacity
- Waterway's Safety Lock Ring System for fast, easy access to filter internals
- Lid lock-ring handle makes removing the lid easy and safe
- Internal design for more dirt holding capacity for longer cleaning cycles
- Drain plug is ¾", can install a standard ¾" hose valve for draining
- "Start-Service" dial on stainless steel pressure gauge



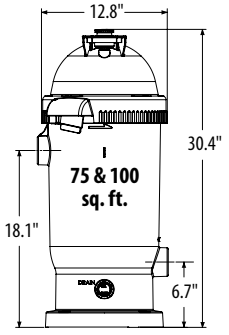
Designed for in-ground installations, the ProClean Plus Cartridge Filter has a raised inlet for extra dirt holding capacity and clean easy plumbing from the pump. Molded of ABS thermoplastic, the ProClean Plus Cartridge Filter will provide years of dependable service.

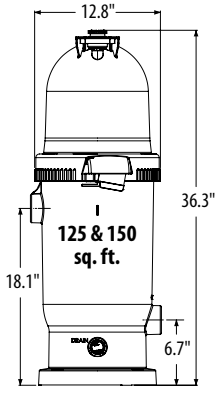
With New Improved Threaded Ports!

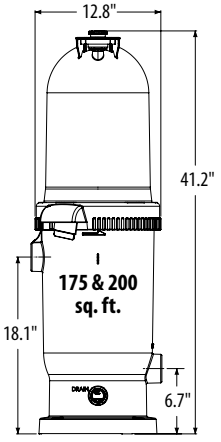
Easy access in-ground cartridge internals
Raised 18" Inlet for clean 90° plumbing from pump
Lock-Ring has handles for easy removal of lid

For replacement parts, see page 308.
For equipment bases, see page 55.









ProClean Plus Single Cartridge Filters

Part No.	Size	Flow Rate	Pool Turnover (6 hrs.)	Pool Turnover (8 hrs.)	Weight (lbs.)	List (US $)
PCCF-075	75 sq. ft.	75 GPM	27,000	36,000	21	579.19
PCCF-100	100 sq. ft.	100 GPM	36,000	48,000	24	696.66
PCCF-125	125 sq. ft.	125 GPM	45,000	60,000	24	852.70
PCCF-150	150 sq. ft.	125 GPM	45,000	60,000	25	989.46
PCCF-175	175 sq. ft.	125 GPM	45,000	60,000	28	1,111.21
PCCF-200*	200 sq. ft.	125 GPM	45,000	60,000	28	1,229.86

**Ideal for longer cleaning cycles*

The cleaning results of a D.E. with the convenience of a cartridge.

ProClean Plus D.E. Cartridge Filters

Part No.	Description	Flow Rate	Pool Turnover (6 hrs.)	Pool Turnover (8 hrs.)	Weight (lbs.)	List (US $)
PCDE-30	30 sq. ft. D.E. Cartridge Filter	60 GPM	21,600	28,800	20	989.46
PCDE-40	40 sq. ft. D.E. Cartridge Filter	80 GPM	28,800	38,400	23	1,229.86

ProPack

FEATURES:

- 200 sq. ft. cartridge filter with drain plug or 40 sq. ft. D.E. Element Filter with drain plug
- SMF or Champion Pump - Single and Dual Speed Available (not included)
- Equipment pad
- Dual speed pump meets CEC Title 20 Code - Effective January 1, 2008
- Unionized Pump/Filter Sweep connecctor included



Add an SMF or Champion Pump to complete your ProPack!



ProClean Plus Single Cartridge Filter System - ProPack (without SMF or Champion Pump)

Part No.	Description	Weight (lbs.)	List (US $)
520-7500-0	200 sq. ft. Single Cartridge System with Base and Fittings Package	43	1,439.14

ProClean Plus D.E. Cartridge Filter System - ProPack (without SMF or Champion Pump)

Part No.	Description	Weight (lbs.)	List (US $)
520-7820-0	40 sq. ft. D.E. Cartridge System with Base and Fittings Package	38	1,439.14

Use with SMF & Champion Pumps:
DO NOT exceed 2 HP for 200 sq ft. Single Cartridge Filter and 1 HP for 40 sq ft. D.E. Filter.
See page 15 for SMF or 14 for Champion Pump choices.

Pool Filters - Above Ground / **ProClean Plus - Single Cartridge 2-Speed System**

FEATURES:

- Raised inlet for clean easy plumbing and extra dirt holding capacity
- Top-mounted pressure gauge for easy reading
- "Start-Service" dial on stainless steel pressure gauge to inform user when it is time to service
- Extra-large air relief
- Drain accepts a standard hose for easy drainage
- Dual speed pump meets CEC Title 20 Code - Effective January 1, 2008





This system is our ProClean Plus in-ground pool filter with Waterway's above ground Hi-Flo II or Supreme Pump for an exceptional above ground system.

ProClean Plus Single Cartridge Systems - Hi-Flo II Pump -2-Speed

Part No.	Filter	Filtration Area	Pump	HP	Weight (lbs.)	List (US $)
522-6000-6S	PCCF-075	75 sq. ft.	PH2100-6	1.0	--	1,146.94
522-6100-6S	PCCF-100	100 sq. ft.	PH2100-6	1.0	--	1,296.67
522-6115-6S	PCCF-100	100 sq. ft.	PH2150-6	1.5	--	1,508.64
522-6215-6S	PCCF-125	125 sq. ft.	PH2150-6	1.5	66	1,577.30
522-6315-6S	PCCF-150	150 sq. ft.	PH2150-6	1.5	74	1,645.64
522-6415-6S	PCCF-175	175 sq. ft.	PH2150-6	1.5	--	1,818.22
522-6515-6S	PCCF-200	200 sq. ft.	PH2150-6	1.5	--	1,900.51
522-6520-6S	PCCF-200	200 sq. ft.	PH2200-6	2.0	--	2,059.55

ProClean Plus Single Cartridge Systems - Supreme Pump - 2-Speed

Part No.	Filter	Filtration Area	Pump	HP	Weight (lbs.)	List (US $)
FPS07510-6	PCCF-075	75 sq. ft.	PSP2100-6	1.0	--	1,254.89
FPS10010-6	PCCF-100	100 sq. ft.	PSP2100-6	1.0	--	1,419.71
FPS10015-6	PCCF-100	100 sq. ft.	PSP2150-6	1.5	--	1,623.72
FPS12515-6	PCCF-125	125 sq. ft.	PSP2150-6	1.5	--	1,697.58
FPS15015-6	PCCF-150	150 sq. ft.	PSP2150-6	1.5	--	1,771.37
FPS17515-6	PCCF-175	175 sq. ft.	PSP2150-6	1.5	--	2,016.51
FPS20015-6	PCCF-200	200 sq. ft.	PSP2150-6	1.5	--	2,108.25
FPS20020-6	PCCF-200	200 sq. ft.	PSP2200-6	2.0	--	2,218.27

Pool Filters - Above Ground / **ProClean Plus Single Cartridge 1-Speed System**

FEATURES:

- Raised inlet for clean easy plumbing and extra dirt holding capacity
- Top-mounted pressure gauge for easy reading
- "Start-Service" dial on stainless steel pressure gauge to inform user when it is time to service
- Extra-large air relief
- Drain accepts a standard hose for easy drainage



This system is our ProClean Plus in-ground pool filter with Waterway's above ground Hi-Flo II or Supreme Pump for an exceptional above ground system.

ProClean Plus Single Cartridge System with Hi-Flo II Pump

Part No.	Filter	Filtration Area	Pump	HP	Weight (lbs.)	List (US $)
520-6000-6S	PCCF-075	75 sq. ft.	PH1100-6	1.0	--	1,074.11
520-6100-6S	PCCF-100	100 sq. ft.	PH1100-6	1.0	--	1,223.84
520-6115-6S	PCCF-100	100 sq. ft.	PH1150-6	1.5	--	1,432.16
520-6215-6S	PCCF-125	125 sq. ft.	PH1150-6	1.5	--	1,500.49
520-6315-6S	PCCF-150	150 sq. ft.	PH1150-6	1.5	66	1,568.83
520-6415-6S	PCCF-175	175 sq. ft.	PH1150-6	1.5	--	1,758.10
520-6515-6S	PCCF-200	200 sq. ft.	PH1150-6	1.5	--	1,880.72
520-6520-6S	PCCF-200	200 sq. ft.	PH1200-6	2.0	--	1,974.77

ProClean Plus Single Cartridge System with Supreme Pump

Part No.	Filter	Filtration Area	Pump	HP	Weight (lbs.)	List (US $)
FPS07510-6S	PCCF-075	75 sq. ft.	PSP1100-6	1.0	--	1,182.37
FPS10010-6S	PCCF-100	100 sq. ft.	PSP1100-6	1.0	--	1,347.15
FPS10015-6S	PCCF-100	100 sq. ft.	PSP1150-6	1.5	--	1,547.28
FPS12515-6S	PCCF-125	125 sq. ft.	PSP1150-6	1.5	--	1,621.12
FPS15015-6S	PCCF-150	150 sq. ft.	PSP1150-6	1.5	--	1,694.94
FPS17515-6S	PCCF-175	175 sq. ft.	PSP1150-6	1.5	--	1,899.41
FPS20015-6S	PCCF-200	200 sq. ft.	PSP1150-6	1.5	--	2,051.39
FPS20020-6S	PCCF-200	200 sq. ft.	PSP1200-6	2.0	--	2,133.53

Pool Filters / **TWM-30 Series Systems**

FEATURES:

- 25 sq. ft. cartridge filter
- 1/8 HP energy efficient pump with trap
- 3 ft. NEMA cord
- 30 GPM flow rate
- Two 3 ft. x 1 ½" hoses with connectors
- Equipment pad
- Includes InTex connection fittings



Intex Connection Fittings



TWM-30 Above Ground Cartridge Filter System

Part No.	Description	Flow Rate	Turnover (24 hrs.)	Weight (lbs.)	Cord	List (US $)
520-4070	25 sq. ft. Filter - 1/8 HP Pump	1800 GPH	43,200 gals.	30	3 ft. NEMA	507.06
520-4070LT	25 sq. ft. Filter - 1/8 HP Pump - without Trap	1800 GPH	43,200 gals.	28	3 ft. NEMA	435.89
400-6437	Intex Connection Fittings			--		24.12

FEATURES:

- 16in. sand filter
- ½ HP energy efficient pump with trap
- 3 ft. NEMA cord
- Two 6 ft. x 1 ½" hoses with connectors
- Equipment pad
- Includes InTex connection fittings



Intex Connection Fittings



TWM-30-S Sand Filter System

Part No.	Description	Flow Rate	Turnover (24 hrs.)	Weight (lbs.)	Cord	List (US $)
520-1601	16in. Filter - ½ HP Pump	1800 GPH	43,200 gals.	56	3 ft. NEMA	651.09
520-1601LT	16in. Filter - ½ HP Pump - without Trap	1800 GPH	43,200 gals.	56	3 ft. NEMA	564.72

Pool Filters - Above Ground / **TWM Cartridge Filter Equipment Packages**

FEATURES:

- 25, 50 or 100 sq. ft. cartridge filter with drain plug
- Center discharge pool pump - Single and Dual Speed
- 3 ft. NEMA (3-prong, grounded) cord, or 3 ft. Twist-Lock cord
- Two 6 ft. x 1 ½" hoses with connectors
- Equipment pad
- Optional trap: 1 ½" Union Nut, 1 ½" FPT
- Dual speed pump meets CEC Title 20 Code - Effective January 1, 2008





The economical solution for filtering an above ground pool. Waterway's TWM (Total Water Management) package includes the pump, filter, hoses, and equipment pad.

For replacement parts, see page 309.

TWM Cartridge Filter Equipment Packages

Part No.	Description	HP	Volts	Weight (lbs.)	Cord	List (US $)
522-3040	25 sq. ft. Filter - 2-Speed Pump	1.0	115	--	3 ft. NEMA	728.85
522-3010	50 sq. ft. Filter - 2-Speed Pump	1.0	115	40	3 ft. NEMA	832.66
522-3030	100 sq. ft. Filter - 2-Speed Pump	1.0	115	--	3 ft. NEMA	955.55
522-4040	25 sq. ft. Filter - 2-Speed Pump with Trap	1.0	115	--	3 ft. NEMA	877.72
522-4010	50 sq. ft. Filter - 2-Speed Pump with Trap	1.0	115	36	3 ft. NEMA	912.95
522-4030	100 sq. ft. Filter - 2-Speed Pump with Trap	1.0	115	--	3 ft. NEMA	1,035.02
522-2980	25 sq. ft. Filter - 2-Speed Pump	1.0	115	34	3 ft. Twist-Lock	728.71
522-4020	50 sq. ft. Filter - 2-Speed Pump with Trap	1.5	115	36	3 ft. Twist-Lock	763.94
520-3040	25 sq. ft. Filter - 1-Speed Pump	1.0	115	32	3 ft. NEMA	540.08
520-3010	50 sq. ft. Filter - 1-Speed Pump	1.0	115	32	3 ft. NEMA	549.20
520-3030	100 sq. ft. Filter - 1-Speed Pump	1.0	115	32	3 ft. NEMA	601.41
520-4040	25 sq. ft. Filter - 1-Speed Pump with Trap	1.0	115	36	3 ft. NEMA	600.72
520-4010	50 sq. ft. Filter - 1-Speed Pump with Trap	1.0	115	36	3 ft. NEMA	639.98
520-4030	100 sq. ft. Filter - 1-Speed Pump with Trap	1.0	115	41	3 ft. NEMA	673.07
520-2980	25 sq. ft. Filter - 1-Speed Pump	1.0	115	38	3 ft. Twist-Lock	742.26
520-4020	50 sq. ft. Filter - 1-Speed Pump with Trap	1.5	115	37	3 ft. Twist-Lock	799.99

All power cords are 3' in length.

Pool Filters - In-Ground & Above Ground / **Carefree Top-Mount - Sand**

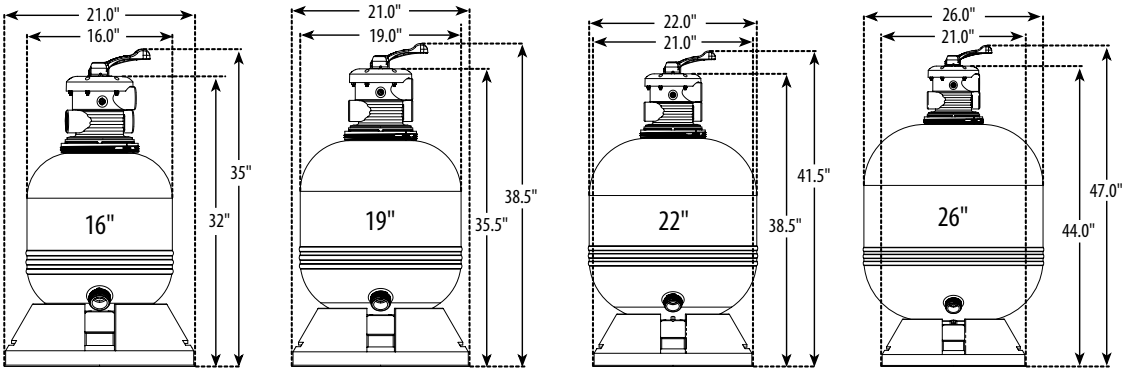
FEATURES:

- Large filter with extra sand-holding capacity
- Durable roto-molded oval tank body distributes the pressure evenly resulting in greater strength and longer life of the filter
- One-piece corrosion proof body
- High Flow internal diffuser for even water distribution
- 7- function Top-Mount 1 ½" FPT Multi-Port Valve with Split-Nut Lock Union (WVS003)
- 1 ½" drain port
- Mounting base included



Carefree Top-Mount Sand Filters are designed for extra sand holding capacity. Made of corrosion-proof polymeric thermoplastic. The Carefree Sand Filter offers the ideal combination of energy efficiency and excellent water clarity. This filter is an excellent choice for above ground or in-ground pools.

For replacement parts, see page 314.
For equipment bases, see page 55.



Sand Required

16" - 100 lbs. | 19" - 150 lbs. | 22" - 250 lbs. | 26" - 400 lbs.

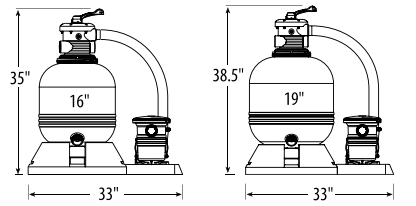
Carefree Top-Mount Sand Filters

Part No.	Description	Multi-Port Valve Style	Filtration Area	Flow Rate	Pool Turnover (6-8-10 hrs.)	Weight (lbs.)	List (US $)
FS01619	16" diameter Filter w/Modular Base	1 ½" FPT Split-Nut	1.4 sq. ft.	35 GPM	12,600 - 16,800 - 21,000	34	583.47
FS01922	19" diameter Filter w/Modular Base	1 ½" FPT Split-Nut	2.0 sq. ft.	45 GPM	16,200 - 21,600 - 27,000	43	684.74
FS02225	22" diameter Filter w/Modular Base	1 ½" FPT Split-Nut	2.6 sq. ft.	55 GPM	19,800 - 26,400 - 33,000	54	810.82
FS02629	26" diameter Filter w/Modular Base	1 ½" FPT Split-Nut	3.5 sq. ft.	70 GPM	25,200 - 33,600 - 42,000	71	944.38

Pool Filters - Above Ground / **Carefree Top-Mount - Sand Deluxe System**

FEATURES:

- Large filter with extra sand-holding capacity
- Top-of-the-line Supreme High Performance Single and Dual Speed Pump
- Extra large 7" pump trap with clear lid
- Union connection on multi-port for easy installation
- Unionized gate valve to isolate the system for maintenance
- Two 1 ½" diameter hoses with clamps
- Filter and pump mounting bases
- Fittings package for all connections
- Accessory base allows for addition of optional timer and/or Chlorinator kits for minimal maintenance *(sold separately)*
- Dual speed pump meets CEC Title 20 Code - Effective January 1, 2008







Carefree Sand Filter Systems are designed with the ideal combination of energy efficiency and excellent water clarity. The Carefree Sand Filter and Pump Pack System provides everything needed for an above ground pool package.

Carefree Sand Deluxe System with Supreme 1-Speed Pump

Part No.	Filter	Diameter	Filtration Area	Flow Rate	Pump	HP	Weight (lbs.)	Cord	List (US $)
FSS016910-3S	FS01619	16"	1.4 sq. ft.	35 GPM	PSP1100-3	1.0	72	3 ft. TL	981.80
FSS019910-3S	FS01922	19"	2.0 sq. ft.	45 GPM	PSP1100-3	1.0	83	3 ft. TL	1,041.45
FSS022915-3S	FS02225	22"	2.6 sq. ft.	55 GPM	PSP1150-3	1.5	91	3 ft. TL	1,171.02
FSS026915-3S	FS02629	26"	3.5 sq. ft.	70 GPM	PSP1150-3	1.5	--	3 ft. TL	1,303.27
FSS016910-6S	FS01619	16"	1.4 sq. ft.	35 GPM	PSP1100-6	1.0	72	3 ft. NEMA	982.01
FSS019910-6S	FS01922	19"	2.0 sq. ft.	45 GPM	PSP1100-6	1.0	83	3 ft. NEMA	710.55
FSS022915-6S	FS02225	22"	2.6 sq. ft.	55 GPM	PSP1150-6	1.5	91	3 ft. NEMA	1,171.28
FSS026915-6S	FS02629	26"	3.5 sq. ft.	70 GPM	PSP1150-6	1.5	--	3 ft. NEMA	1,303.56

INCLUDES:
- 2 hoses (1 ½" x 6 ft.)
- Filter / Pump Hose with Union Adapters, Hose fittings and hose clamps
- 3 ft. cord Twist-Lock plug (NEC/UL), or 3 ft. cord NEMA plug
- Deluxe modular filter and pump bases
- Unionized gate valve to isolate the system for maintenance

Carefree Sand Deluxe System with Supreme 2-Speed Pump

Part No.	Filter	Diameter	Filtration Area	Flow Rate	Pump	HP	Weight (lbs.)	Cord	List (US $)
FSS016910-3	FS01619	16"	1.4 sq. ft.	35 GPM	PSP2100-3	1.0	--	3 ft. TL	1,097.66
FSS019910-3	FS01922	19"	2.0 sq. ft.	45 GPM	PSP2100-3	1.0	83	3 ft. TL	1,156.95
FSS022915-3	FS02225	22"	2.6 sq. ft.	55 GPM	PSP2150-3	1.5	91	3 ft. TL	1,321.29
FSS026915-3	FS02629	26"	3.5 sq. ft.	70 GPM	PSP2150-3	1.5	--	3 ft. TL	1,441.62
FSS016910-6	FS01619	16"	1.4 sq. ft.	35 GPM	PSP2100-6	1.0	--	3 ft. NEMA	1,097.66
FSS019910-6	FS01922	19"	2.0 sq. ft.	45 GPM	PSP2100-6	1.0	83	3 ft. NEMA	1,156.95
FSS022915-6	FS02225	22"	2.6 sq. ft.	55 GPM	PSP2150-6	1.5	91	3 ft. NEMA	1,321.29
FSS026915-6	FS02629	26"	3.5 sq. ft.	70 GPM	PSP2150-6	1.5	--	3 ft. NEMA	1,441.62

INCLUDES:
- 2 hoses (1 ½" x 6 ft.)
- Filter / Pump Hose with Union Adapters, Hose fittings and hose clamps
- 3 ft. cord Twist-Lock plug (NEC/UL), or 3 ft. cord NEMA plug
- Deluxe modular filter and pump bases
- Unionized gate valve to isolate the system for maintenance

Carefree Sand Deluxe System (without Supreme Pump)

Part No.	Filter	Diameter	Filtration Area	Flow Rate	Weight (lbs.)	List (US $)
FSS0169S	FS01619	16"	1.4 sq. ft.	35 GPM	--	548.07
FSS0199S	FS01922	19"	2.0 sq. ft.	45 GPM	--	634.83
FSS0229S	FS02225	22"	2.6 sq. ft.	55 GPM	--	812.06
FSS0269S	FS02629	26"	3.5 sq. ft.	70 GPM	--	1,004.30

INCLUDES:
- 2 hoses (1 ½" x 6 ft.)
- Filter / Pump Hose with Union Adapters, Hose fittings and hose clamps
- Deluxe modular filter and pump bases
- Unionized gate valve to isolate the system for maintenance

All power cords are 3' in length.

Pool Filters - Above Ground / **Carefree Top-Mount - Sand Standard System**

Carefree Sand Filter Systems are designed with the ideal combination of energy efficiency and excellent water clarity. The Carefree Sand Filter and Pump Pack System provides everything needed for an above ground pool package.

FEATURES:

- Large filter with extra sand-holding capacity
- Hi-Flo II High Performance Single and Dual Speed Pump
- Large 6" pump trap with 2-piece lid
- Standard pump and filter base
- Fittings package for all connections
- Dual speed pump meets CEC Title 20 Code - Effective January 1, 2008



INCLUDES:

- 2 hoses (1 ½" x 6 ft.)
- Filter / Pump Hose with Union Adapters, Hose fittings and hose clamps
- 3 ft. cord Twist-Lock plug (NEC/UL), or 3 ft. cord NEMA plug
- Standard system base

Carefree Sand Standard System with Hi-Flo II 1-Speed Pump

Part No.	Filter	Diameter	Filtration Area	Flow Rate	Pump	HP	Weight (lbs.)	Cord	List (US $)
520-5300-3S	FS01619	16"	1.4 sq. ft.	35 GPM	PH1100-3	1.0	65	3 ft. TL	897.90
520-5320-3S	FS01922	19"	2.0 sq. ft.	45 GPM	PH1100-3	1.0	74	3 ft. TL	961.15
520-5330-3S	FS01922	19"	2.0 sq. ft.	45 GPM	PH1150-3	1.5	--	3 ft. TL	982.77
520-5350-3S	FS02225	22"	2.6 sq. ft.	55 GPM	PH1100-3	1.0	80	3 ft. TL	1,089.62
520-5340-3S	FS02225	22"	2.6 sq. ft.	55 GPM	PH1150-3	1.5	80	3 ft. TL	1,124.85
520-5300-6S	FS01619	16"	1.4 sq. ft.	35 GPM	PH1100-6	1.0	61	3 ft. NEMA	901.50
520-5320-6S	FS01922	19"	2.0 sq. ft.	45 GPM	PH1100-6	1.0	74	3 ft. NEMA	961.15
520-5330-6S	FS01922	19"	2.0 sq. ft.	45 GPM	PH1150-6	1.5	74	3 ft. NEMA	982.77
520-5350-6S	FS02225	22"	2.6 sq. ft.	55 GPM	PH1100-6	1.0	80	3 ft. NEMA	1,089.62
520-5340-6S	FS02225	22"	2.6 sq. ft.	55 GPM	PH1150-6	1.5	80	3 ft. NEMA	1,124.85
520-5360-6S	FS02629	26"	3.5 sq. ft.	70 GPM	PH1150-6	1.5	103	3 ft. NEMA	1,321.12

INCLUDES:

- 2 hoses (1 ½" x 6 ft.)
- Filter / Pump Hose with Union Adapters, Hose fittings and hose clamps
- 3 ft. cord Twist-Lock plug (NEC/UL), or 3 ft. cord NEMA plug
- Standard system base

Carefree Sand Standard System with Hi-Flo II 2-Speed Pump

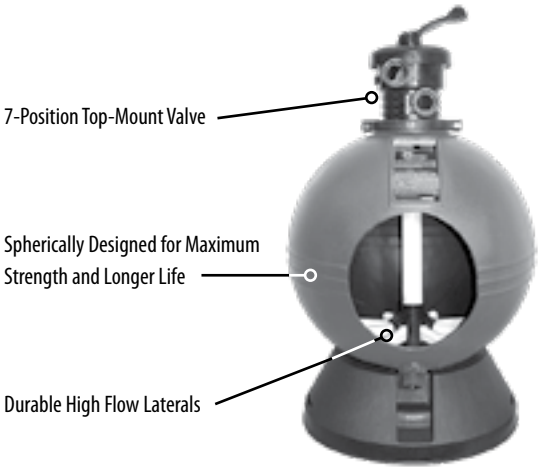
Part No.	Filter	Diameter	Filtration Area	Flow Rate	Pump	HP	Weight (lbs.)	Cord	List (US $)
522-5300-3S	FS01619	16"	1.4 sq. ft.	35 GPM	PH2100-3	1.0	--	3 ft. TL	1,020.38
522-5320-3S	FS01922	19"	2.0 sq. ft.	45 GPM	PH2100-3	1.0	--	3 ft. TL	1,086.15
522-5330-3S	FS01922	19"	2.0 sq. ft.	45 GPM	PH2150-3	1.5	--	3 ft. TL	1,097.48
522-5350-3S	FS02225	22"	2.6 sq. ft.	55 GPM	PH2100-3	1.0	87	3 ft. TL	1,204.30
522-5340-3S	FS02225	22"	2.6 sq. ft.	55 GPM	PH2150-3	1.5	--	3 ft. TL	1,239.54
522-5300-6S	FS01619	16"	1.4 sq. ft.	35 GPM	PH2100-6	1.0	66	3 ft. NEMA	1,025.91
522-5320-6S	FS01922	19"	2.0 sq. ft.	45 GPM	PH2100-6	1.0	75	3 ft. NEMA	1,086.15
522-5330-6S	FS01922	19"	2.0 sq. ft.	45 GPM	PH2150-6	1.5	74	3 ft. NEMA	1,097.48
522-5350-6S	FS02225	22"	2.6 sq. ft.	55 GPM	PH2100-6	1.0	87	3 ft. NEMA	1,204.30
522-5340-6S	FS02225	22"	2.6 sq. ft.	55 GPM	PH2150-6	1.5	87	3 ft. NEMA	1,239.54

All power cords are 3' in length.

FEATURES:

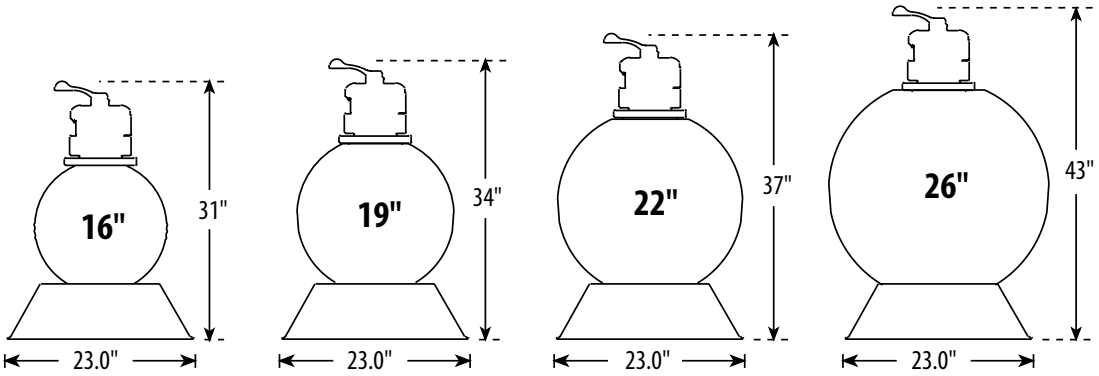
- Durable roto-molded tank body is spherical to evenly distribute the pressure resulting in greater strength and longer life of the filter
- Corrosion-proof body
- High Flow internal diffuser for even water distribution
- 7-function Top-Mount 1 ½" FPT Multi-Port Valve with Split-Nut Lock Union
- 1 ½" drain port
- Mounting base included





Rugged, corrosion proof, high filtration area, and one-piece body. The ClearWater Sand filter features a seven-function top mount valve for maximum control over the filter system, and full flow, self cleaning laterals with large surface area for maximum flow. This filter is an excellent choice for above ground or in-ground pools.

For replacement parts, see page 316.
For equipment bases, see page 55.



Sand Required

16" - 50 lbs.	19" - 100 lbs.	22" - 150 lbs.	26" - 200 lbs.

ClearWater Sand Filter

Part No.	Description	Filtration Area	Flow Rate	Pool Turnover (6 hrs.)	Pool Turnover (8 hrs.)	Weight (lbs.)	List (US $)
FS016	16" diameter Filter	1.4 sq. ft.	35 GPM	12,600	16,800	25	484.44
FS019	19" diameter Filter	2.0 sq. ft.	45 GPM	16,200	21,600	28	633.50
FS022	22" diameter Filter	2.6 sq. ft.	55 GPM	19,800	26,400	34	733.53
FS026	26" diameter Filter	3.5 sq. ft.	70 GPM	25,200	33,600	43	850.23

1 ½" FPT split-nut style clamp included.

Pool Filters - Above Ground / **ClearWater - Sand Deluxe 2-Speed System**

Complete the Sand filtration system with the high performance Waterway Supreme Pump and accessories. The Sand Filter and Pump Pack provides homeowners with everything they need to get their system up and running. It assures them of matched components and optimal performance with years of dependable service.

FEATURES:

- Large filtration sand filter with durable, high flow laterals
- Top-of-the-Line Supreme High Performance Dual Speed Pump
- Extra large 7" pump trap with clear lid
- Union connection on multi-port for easy installation
- Unionized gate valve to isolate the system for maintenance
- Two 1 ½" diameter hoses with clamps
- Filter and pump mounting base
- Fittings package for all connections
- Accessory base allows for addition of optional timer and/or chlorinator kits for minimal maintenance *(sold separately)*
- Dual speed pump meets CEC Title 20 Code - Effective January 1, 2008



INCLUDES:

- 2 hoses (1 ½" x 6 ft.)
- Filter / Pump Hose with Union Adapters, Hose fittings and hose clamps
- 3 ft. cord Twist-Lock plug (NEC/UL), or 3 ft. cord NEMA plug
- Deluxe modular filter and pump base
- Unionized gate valve to isolate the system for maintenance
- Accessory base for optional timer and/or chlorinator

ClearWater Sand Deluxe System with Supreme 2-Speed Pump

Part No.	Filter	Diameter	Filtration Area	Flow Rate	Pump	HP	Weight (lbs.)	Cord	List (US $)
FSS01910-3	FS019	19"	2.0 sq. ft.	45 GPM	PSP2100-3	1.0	61	3 ft. Twist-Lock	1,263.20
FSS01915-3	FS019	19"	2.0 sq. ft.	45 GPM	PSP2150-3	1.5	64	3 ft. Twist-Lock	1,115.52
FSS02210-3	FS022	22"	2.6 sq. ft.	55 GPM	PSP2100-3	1.0	67	3 ft. Twist-Lock	1,396.31
FSS02215-3	FS022	22"	2.6 sq. ft.	55 GPM	PSP2150-3	1.5	70	3 ft. Twist-Lock	1,406.86
FSS02615-3	FS026	26"	3.5 sq. ft.	70 GPM	PSP2150-3	1.5	77	3 ft. Twist-Lock	1,523.28
FSS01910-6	FS019	19"	2.0 sq. ft.	45 GPM	PSP2100-6	1.0	60	3 ft. NEMA	1,263.20
FSS01915-6	FS019	19"	2.0 sq. ft.	45 GPM	PSP2150-6	1.5	63	3 ft. NEMA	1,379.42
FSS02210-6	FS022	22"	2.6 sq. ft.	55 GPM	PSP2100-6	1.0	67	3 ft. NEMA	1,396.31
FSS02215-6	FS022	22"	2.6 sq. ft.	55 GPM	PSP2150-6	1.5	74	3 ft. NEMA	1,225.69
FSS02615-6	FS026	26"	3.5 sq. ft.	70 GPM	PSP2150-6	1.5	--	3 ft. NEMA	1,523.28

INCLUDES:

- 2 hoses (1 ½" x 6 ft.)
- Filter / Pump Hose with Union Adapters, Hose fittings and hose clamps
- Deluxe modular filter and pump base
- Unionized gate valve to isolate the system for maintenance
- Accessory base for optional timer and/or chlorinator

ClearWater Sand Deluxe System (without Supreme Pump)

Part No.	Filter	Diameter	Filtration Area	Flow Rate	Weight (lbs.)	List (US $)
FSS019S	FS019	19"	2.0 sq. ft.	45 GPM	38	714.29
FSS022S	FS022	22"	2.6 sq. ft.	55 GPM	37	817.36
FSS026S	FS026	26"	3.5 sq. ft.	70 GPM	68	942.36

All power cords are 3' in length.

Pool Filters - Above Ground / **ClearWater - Sand Deluxe 1-Speed System**

FEATURES:

- Large filtration sand filter with durable, high flow laterals
- Top-of-the-Line Supreme High Performance Pump
- Extra large 7" pump trap with clear lid
- Union connection on multi-port for easy installation
- Unionized gate valve to isolate the system for maintenance
- Two 1 ½" diameter hoses with clamps
- Filter and pump mounting bases
- Fittings package for all connections
- Accessory base allows for addition of optional timer and/or Chlorinator kits for minimal maintenance *(sold separately)*



Complete the Sand filtration system with the high performance Waterway Supreme Pump and accessories. The Sand Filter and Pump Pack provides homeowners with everything they need to get their system up and running. It assures them of matched components and optimal performance with years of dependable service.

ClearWater Sand Deluxe System with Supreme 1-Speed Pump

Part No.	Filter	Diameter	Filtration Area	Flow Rate	Pump	HP	Weight (lbs.)	Cord	List (US $)
FSS01910-3S	FS019	19"	2.0 sq. ft.	45 GPM	PSP1100-3	1.0	60	3 ft. Twist-Lock	951.12
FSS01915-3S	FS019	19"	2.0 sq. ft.	45 GPM	PSP1150-3	1.5	64	3 ft. Twist-Lock	1,000.73
FSS02210-3S	FS022	22"	2.6 sq. ft.	55 GPM	PSP1100-3	1.0	67	3 ft. Twist-Lock	1,193.85
FSS02215-3S	FS022	22"	2.6 sq. ft.	55 GPM	PSP1150-3	1.5	70	3 ft. Twist-Lock	1,075.70
FSS02615-3S	FS026	26"	3.5 sq. ft.	70 GPM	PSP1150-3	1.5	77	3 ft. Twist-Lock	1,198.90
FSS01910-6S	FS019	19"	2.0 sq. ft.	45 GPM	PSP1100-6	1.0	60	3 ft. NEMA	951.12
FSS01915-6S	FS019	19"	2.0 sq. ft.	45 GPM	PSP1150-6	1.5	63	3 ft. NEMA	1,218.63
FSS02210-6S	FS022	22"	2.6 sq. ft.	55 GPM	PSP1100-6	1.0	66	3 ft. NEMA	1,027.20
FSS02215-6S	FS022	22"	2.6 sq. ft.	55 GPM	PSP1150-6	1.5	68	3 ft. NEMA	1,075.70
FSS02615-6S	FS026	26"	3.5 sq. ft.	70 GPM	PSP1150-6	1.5	77	3 ft. NEMA	1,372.29

INCLUDES:

- 2 hoses (1 ½" x 6 ft.)
- Filter / Pump Hose with Union Adapters, Hose fittings and hose clamps
- 3 ft. cord Twist-Lock plug (NEC/UL), or 3 ft. cord NEMA plug
- Deluxe modular filter and pump base
- Unionized gate valve to isolate the system for maintenance

ClearWater Sand Deluxe System (without Supreme Pump)

Part No.	Filter	Diameter	Filtration Area	Flow Rate	Weight (lbs.)	List (US $)
FSS019S	FS019	19"	2.0 sq. ft.	45 GPM	38	714.29
FSS022S	FS022	22"	2.6 sq. ft.	55 GPM	37	817.36
FSS026S	FS026	26"	3.5 sq. ft.	70 GPM	68	942.36

INCLUDES:

- 2 hoses (1 ½" x 6 ft.)
- Filter / Pump Hose with Union Adapters, Hose fittings and hose clamps
- Deluxe modular filter and pump base
- Unionized gate valve to isolate the system for maintenance

All power cords are 3' in length.

Pool Filters - Above Ground / **ClearWater - Sand Standard System**

Complete the Sand filtration system with the high performance Waterway Hi-Flo II Pump and accessories. The Sand Filter and Pump Pack provides homeowners with everything they need to get their system up and running. It assures them of matched components and optimal performance with years of dependable service.

FEATURES:

- Large filtration sand filter with durable, high flow laterals
- Hi-Flo II High Performance Single and Dual Speed Pump
- Large 6" pump trap with 2-piece lid
- Union connection on multi-port for easy installation
- Two 1 ½" diameter hoses with clamps
- Dual speed pump meets CEC Title 20 Code - Effective January 1, 2008



INCLUDES:

- 2 hoses (1 ½" x 6 ft.)
- Filter / Pump Hose with Union Adapters, Hose fittings and hose clamps
- 3 ft. cord Twist-Lock plug (NEC/UL), or 3 ft. cord NEMA plug
- Standard system base

ClearWater Sand Standard System with Hi-FloII 1-Speed Pump

Part No.	Filter	Diameter	Filtration Area	Flow Rate	Pump	HP	Weight (lbs.)	Cord	List (US $)
520-5200-3S	FS016	16"	1.4 sq. ft.	35 GPM	PH1100-3	1.0	59	3 ft. TL	832.25
520-5220-3S	FS019	19"	2.0 sq. ft.	45 GPM	PH1100-3	1.0	67	3 ft. TL	870.61
520-5240-3S	FS022	22"	2.6 sq. ft.	55 GPM	PH1150-3	1.5	71	3 ft. TL	1,029.27
520-5260-3S	FS026	26"	3.5 sq. ft.	70 GPM	PH1150-3	1.5	83	3 ft. TL	1,118.36
520-5200-6S	FS016	16"	1.4 sq. ft.	35 GPM	PH1100-6	1.0	59	3 ft. NEMA	832.25
520-5220-6S	FS019	19"	2.0 sq. ft.	45 GPM	PH1100-6	1.0	64	3 ft. NEMA	870.61
520-5240-6S	FS022	22"	2.6 sq. ft.	55 GPM	PH1150-6	1.5	68	3 ft. NEMA	1,029.27
520-5260-6S	FS026	26"	3.5 sq. ft.	70 GPM	PH1150-6	1.5	77	3 ft. NEMA	1,118.36

INCLUDES:

- 2 hoses (1 ½" x 6 ft.)
- Filter / Pump Hose with Union Adapters, Hose fittings and hose clamps
- 3 ft. cord Twist-Lock plug (NEC/UL), or 3 ft. cord NEMA plug
- Standard system base

ClearWater Sand Standard System with HiHi-FloII 2-Speed Pump

Part No.	Filter	Diameter	Filtration Area	Flow Rate	Pump	HP	Weight (lbs.)	Cord	List (US $)
522-5200-3S	FS016	16"	1.4 sq. ft.	35 GPM	PH2100-3	1.0	--	3 ft. TL	946.95
522-5220-3S	FS019	19"	2.0 sq. ft.	45 GPM	PH2100-3	1.0	--	3 ft. TL	985.29
522-5240-3S	FS022	22"	2.6 sq. ft.	55 GPM	PH2150-3	1.5	73	3 ft. TL	1,143.91
522-5260-3S	FS026	26"	3.5 sq. ft.	70 GPM	PH2150-3	1.5	--	3 ft. TL	1,367.32
522-5200-6S	FS016	16"	1.4 sq. ft.	35 GPM	PH2100-6	1.0	68	3 ft. NEMA	946.95
522-5220-6S	FS019	19"	2.0 sq. ft.	45 GPM	PH2100-6	1.0	69	3 ft. NEMA	985.29
522-5240-6S	FS022	22"	2.6 sq. ft.	55 GPM	PH2150-6	1.5	74	3 ft. NEMA	1,146.34
522-5260-6S	FS026	26"	3.5 sq. ft.	70 GPM	PH2150-6	1.5	87	3 ft. NEMA	1,367.32

INCLUDES:

- 2 hoses (1 ½" x 6 ft.)
- Filter / Pump Hose with Union Adapters, Hose fittings and hose clamps
- Standard system base

ClearWater Sand Standard System (without Hi-FloII Pump)

Part No.	Filter	Diameter	Filtration Area	Flow Rate	Weight (lbs.)	List (US $)
520-5200	FS016	16"	1.4 sq. ft.	35 GPM	34	600.49
520-5220	FS019	19"	2.0 sq. ft.	45 GPM	35	682.90
520-5240	FS022	22"	2.6 sq. ft.	55 GPM	40	770.18
520-5260	FS026	26"	3.5 sq. ft.	70 GPM	--	911.37

FEATURES:

- Filter, pump, hoses and fittings in one box
- Choice of tank and pump sizes
- Spherical tank design evenly distributes pressure and stress resulting in greater strength and longer life
- Corrosion-proof sand filter tank
- 7 position Multi-Port Valve
- Center discharge pump with leaf trap - Single and Dual Speed
- Dual speed pump meets CEC Title 20 Code - Effective January 1, 2008

The economical solution for filtering with a sand filter on an above ground pool. Designed to handle virtually all sizes and conditions, the Waterway TWM Sand Filter systems will provide years of dependable filtration.



520-1610



520-1700



520-1910

For replacement parts, see page 318.

TWM Sand Filter Equipment Packages - 1-Speed

Part No.	Description	Filtration	Flow Rate	Turnover (8 - 10 hrs.)	Sand (lbs.)	Cord	List (US $)
520-1610	16" Sand Filter - 1 HP Center Discharge Pump	1.4 sq. ft.	30 GPM	14,400 - 18,000	50	3 ft. NEMA	765.06
520-1910	19" Sand Filter - 1 HP Center Discharge Pump	2.0 sq. ft.	42 GPM	20,160 - 25,200	100	3 ft. NEMA	805.67
520-1700	22" Sand Filter - 1.5 HP Center Discharge Pump	2.5 sq. ft.	50 GPM	24,000 - 30,000	150	3 ft. NEMA	868.23
520-1610-3	16" Sand Filter - 1 HP Center Discharge Pump	1.4 sq. ft.	30 GPM	14,400 - 18,000	50	3 ft. Twist-Lock	765.06
520-1910-3	19" Sand Filter - 1 HP Center Discharge Pump	2.0 sq. ft.	42 GPM	20,160 - 25,200	100	3 ft. Twist-Lock	805.67
520-1700-3	22" Sand Filter - 1.5 HP Center Discharge Pump	2.5 sq. ft.	50 GPM	24,000 - 30,000	150	3 ft. Twist-Lock	868.23

TWM Sand Filter Equipment Packages - 2-Speed

Part No.	Description	Filtration	Flow Rate	Turnover (8 - 10 hrs.)	Sand(lbs.)	Cord	List (US $)
522-1610	16" Sand Filter - 1 HP Center Discharge Pump	1.4 sq. ft.	30 GPM	14,400 - 18,000	50	3 ft. NEMA	888.17
522-1910	19" Sand Filter - 1 HP Center Discharge Pump	2.0 sq. ft.	42 GPM	20,160 - 25,200	100	3 ft. NEMA	920.35
522-1700	22" Sand Filter - 1.5 HP Center Discharge Pump	2.5 sq. ft.	50 GPM	24,000 - 30,000	150	3 ft. NEMA	974.51
522-1610-3	16" Sand Filter - 1 HP Center Discharge Pump	1.4 sq. ft.	30 GPM	14,400 - 18,000	50	3 ft. Twist-Lock	888.17
522-1910-3	19" Sand Filter - 1 HP Center Discharge Pump	2.0 sq. ft.	42 GPM	20,160 - 25,200	100	3 ft. Twist-Lock	920.35
522-1700-3	22" Sand Filter - 1.5 HP Center Discharge Pump	2.5 sq. ft.	50 GPM	24,000 - 30,000	150	3 ft. Twist-Lock	974.51

CSA / **CSA Supreme - 48-Frame - Above Ground - Pool Pump**

The Supreme Pump is the ultimate in above-ground pool engineering. Designed for today's more demanding applications, the Supreme Pump is ideal for D.E., cartridge or sand filtration systems of all sizes.

FEATURES:

- 1 ½" union threads / 1 ½" FPT Intake and 2" union threads / 1 ½" FPT discharge
- Weatherproof motor housing
- On / Off Toggle Switch
- Extra large 7" pump trap with clear lid
- 25 ft. cord with 3-prong NEMA (regular) plug



For replacement parts, see page 283.

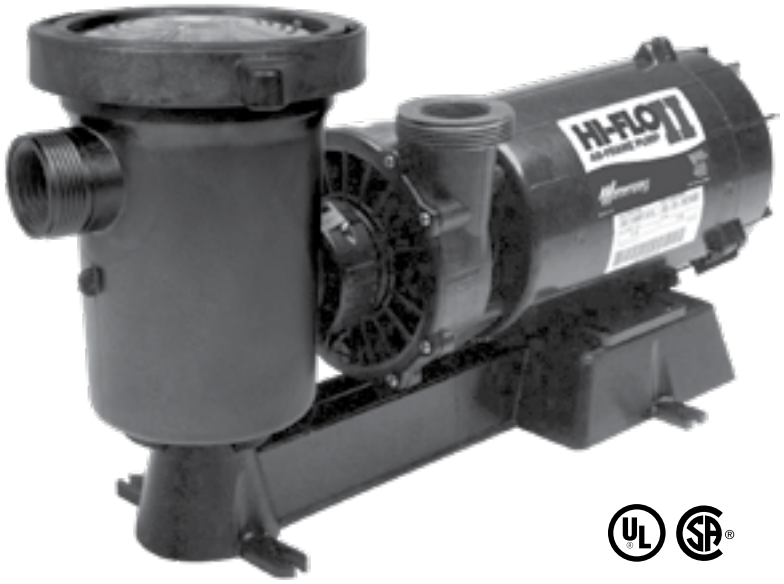
CSA Supreme 48-Frame Above Ground Pool Pumps

Part No.	Description	Volts	HP	Amps	Weight (lbs.)	List (US $)
PSPC1075-25	1-Speed - 25 ft. Cord	115	¾	10.3	31	860.74
PSPC1100-25	1-Speed - 25 ft. Cord	115	1.0	10.3	32	873.46
PSPC1150-25	1-Speed - 25 ft. Cord	115	1.5	11.6	37	923.56
PSPC2075-25	2-Speed - 25 ft. Cord	115	¾	8.8 / 2.6	--	984.94
PSPC2100-25	2-Speed - 25 ft. Cord	115	1.0	8.8 / 2.6	33	997.66
PSPC2150-25	2-Speed - 25 ft. Cord	115	1.5	11.0 / 2.9	36	1,047.75

CSA / **CSA Hi-Flo II Side Discharge - 48-Frame - Above Ground - Pool Pump**

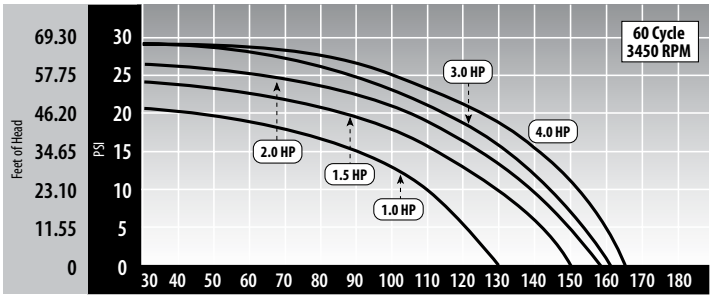
FEATURES:

- 1 ½" union threads / 1 ½" FPT Intake and 2" union threads / 1 ½" FPT discharge
- Weatherproof Motor housing
- On / Off Toggle Switch
- Large 6" pump trap with 2-piece lid
- 25 ft. cord with 3-prong NEMA (regular) plug



The Hi-Flo II above ground pump was designed for superior and efficient performance. The Hi-Flo II pump features high flow rate performance for faster filtering cycles. This pump is ideal for new installations or as a replacement pump.

For replacement parts, see page 285.



CSA Hi-Flo II Side Discharge 48-Frame Above Ground Pool Pumps

Part No.	Description	Volts	HP	Amps	Weight (lbs.)	List (US $)
PHC1075-25	1-Speed - 25 ft. Cord	115	¾	10.3	25	810.21
PHC1100-25	1-Speed - 25 ft. Cord	115	1.0	10.3	28	822.96
PHC1151-25	1-Speed - 25 ft. Cord	115	1.5	11.6	35	851.74
PHC2075-25	2-Speed - 25 ft. Cord	115	¾	8.8 / 2.6	31	934.44
PHC2100-25	2-Speed - 25 ft. Cord	115	1.0	8.8 / 2.6	31	947.16
PHC2150-25	2-Speed - 25 ft. Cord	115	1.5	11.0 / 2.9	31	997.11

CSA / **CSA ProClean Plus Single Cartridge Filter Systems**

FEATURES:

- Raised inlet for clean easy plumbing and extra dirt holding capacity
- Top-mounted pressure gauge for easy reading
- "Start-Service" dial on pressure gauge to inform user when it is time to service
- Extra-large air relief
- Drain accepts a standard hose for easy drainage

This system is our Pro-Clean Plus in-ground pool filter with Waterway's above-ground CSA Hi-Flo II or CSA Supreme Pump for an exceptional above-ground system.



CSA ProClean Plus Single Cartridge Filter Systems - Hi-Flo II 1-Speed Pump

Part No.	Filter	Filtration Area	Pump	HP	List (US $)
520-6000-C25S	PCCF-075	75 sq. ft.	PHC1100-25	1.0	1,113.09
520-6100-C25S	PCCF-100	100 sq. ft.	PHC1100-25	1.0	1,252.24
520-6115-C25S	PCCF-100	100 sq. ft.	PHC1150-25	1.5	1,460.55
520-6215-C25S	PCCF-125	125 sq. ft.	PHC1150-25	1.5	1,528.93
520-6315-C25S	PCCF-150	150 sq. ft.	PHC1150-25	1.5	1,597.24
520-6415-C25S	PCCF-175	175 sq. ft.	PHC1150-25	1.5	1,786.80
520-6515-C25S	PCCF-200	200 sq. ft.	PHC1150-25	1.5	1,909.15
520-6520-C25S	PCCF-200	200 sq. ft.	PHC1200-25	2.0	2,022.37

CSA ProClean Plus Single Cartridge Filter Systems - Supreme 1-Speed Pump

Part No.	Filter	Filtration Area	Pump	HP	List (US $)
FPSC10010-25S	PCCF-100	100 sq. ft.	PSPC1100-25	1.0	1,389.30
FPSC10015-25S	PCCF-100	100 sq. ft.	PSPC1150-25	1.5	1,591.33
FPSC12515-25S	PCCF-125	125 sq. ft.	PSPC1150-25	1.5	1,665.89
FPSC15015-25S	PCCF-150	150 sq. ft.	PSPC1150-25	1.5	1,740.43
FPSC17515-25S	PCCF-175	175 sq. ft.	PSPC1150-25	1.5	1,928.66
FPSC20015-25S	PCCF-200	200 sq. ft.	PSPC1150-25	1.5	2,080.69
FPSC20020-25S	PCCF-200	200 sq. ft.	PSPC1200-25	2.0	2,183.20

CSA / **CSA ClearWater II D.E. and Cartridge Filter Deluxe Systems**

FEATURES:

- True Spiral Laminar flow D.E. filter or large filtration, small footprint cartridge filter
- Top of the line Supreme High Performance Pump
- Extra large 7" pump trap with clear lid
- Unionized gate valve to isolate the system for maintenance
- Two 1 ½" diameter hoses with clamps
- Filter and pump mounting base
- Complete fitting package for all connections



CSA ClearWater II D.E. Deluxe Systems - Supreme 1-Speed Pump

Part No.	Filter	Flow Rate	Pump	HP	Volts	Weight (lbs.)	List (US $)
FDSC04410-25S	FD12	44 GPM	PSPC1100-25	1.0	115	73	1,509.05
FDSC06710-25S	FD18	67 GPM	PSPC1100-25	1.0	115	78	1,683.58

CSA ClearWater II Cartridge Deluxe Systems - Supreme 1-Speed Pump

Part No.	Filter	Filtration Area	Pump	HP	Volts	Weight (lbs.)	List (US $)
FCSC07510-25S	FC075	75 sq. ft.	PSPC1100-25	1.0	115	70	1,370.28
FCSC10010-25S	FC100	100 sq. ft.	PSPC1100-25	1.0	115	76	1,532.71
FCSC15015-25S	FC150	150 sq. ft.	PSPC1150-25	1.5	115	81	1,759.23
FCSC20015-25S	FC200	200 sq. ft.	PSPC1150-25	1.5	115	82	1,906.93

INCLUDES:

- 2 hoses (1 ½" x 6 ft.)
- Filter / Pump Hose with Union Adapters, Hose fittings and hose clamps
- Supreme Pump with 25 ft. cord with 3-prong NEMA (regular) plug
- Deluxe one-piece base system
- Unionized gate valve to isolate system for maintenance
- Accessory base for optional timer and/or chlorinator

CSA / **ClearWater Sand CSA Systems**

DELUXE SYSTEM FEATURES:

- Large filtration sand filter with durable, high flow laterals
- Top-of-the-Line Supreme High Performance Pump
- Extra large 7" pump trap with clear lid
- Union connection on multi-port for easy installation
- Unionized gate valve to isolate the system for maintenance
- Filter and pump mounting bases and additional accessory base for chlorinator and timer *(sold separately)*
- Fittings package for all connections

STANDARD SYSTEM FEATURES:

- Large filtration sand filter with durable, high flow laterals
- Hi-Flo II High Performance Pump
- Large 6" pump trap with 2-piece lid
- Union connection on multi-port for easy installation



INCLUDES:

- Filter and multi-port valve
- Filter base
- Filter / Pump Hose with Union Adapters
- Supreme Pump with 25 ft. cord
- Pump base
- Return hose and gate valve
- Accessory base for optional timer and/or chlorinator

CSA ClearWater Sand Deluxe Systems - Supreme 1-Speed Pump

Part No.	Filter	Diameter	Pump	HP	Volts	Weight (lbs.)	List (US $)
FSSC01610-25S	FS016	16"	PSPC1100-25	1.0	115	67	1,261.64
FSSC01910-25S	FS019	19"	PSPC1100-25	1.0	115	67	1,336.06
FSSC02215-25S	FS022	22"	PSPC1150-25	1.5	115	67	1,472.70
FSSC02615-25S	FS026	26"	PSPC1150-25	1.5	115	82	1,599.63

INCLUDES:

- Filter / Pump Hose with Union Adapters, Hose fittings and hose clamps
- Deluxe one-piece base system
- Unionized gate valve to isolate system for maintenance
- Accessory base for optional timer and/or chlorinator

CSA ClearWater Sand Deluxe Systems (without Supreme Pump)

Part No.	Diameter	Weight (lbs.)	List (US $)
FS016H	16"		618.38
FS019H	19"		673.38
FS022H	22"		773.40
FS026H	26"		900.08

INCLUDES:

- Filter
- Filter base
- Filter / Pump Hose with Union Adapters
- Hi-Flo Pump with 25 ft. cord
- Pump base

CSA ClearWater Sand Standard Systems - Hi-Flo II 1-Speed Pump

Part No.	Filter	Diameter	Pump	HP	Volts	Weight (lbs.)	List (US $)
520-5400-25S	FS016	16"	PHC1100-25	1.0	115	61	1,213.63
520-5420-25S	FS019	19"	PHC1100-25	1.0	115	74	1,256.44
520-5440-25S	FS022	22"	PHC1150-25	1.5	115	--	1,393.11
520-5460-25S	FS026	26"	PHC1150-25	1.5	115	--	149.96

DELUXE SYSTEM FEATURES:

- Large filter with extra sand-holding capacity
- Top-of-the-line Supreme High Performance Pump
- Extra large 7" pump trap with clear lid
- Union connection on multi-port for easy installation
- Unionized gate valve to isolate the system for maintenance
- Filter and pump mounting bases and additional accessory base for chlorinator and timer *(sold separately)*
- Fittings package for all connections

STANDARD SYSTEM FEATURES:

- Large filter with extra sand-holding capacity
- Hi-Flo II High Performance Pump
- Large 6" pump trap with 2-piece lid
- Standard pump and filter base
- Fittings package for all connections



Carefree Sand CSA Deluxe System with Supreme 1-Speed Pump

Part No.	Filter	Diameter	Pump	HP	Volts	Weight (lbs.)	List (US $)
FSSC016910-25S	FS01619	16"	PSPC1100-25	1.0	115	--	1,356.07
FSSC019910-25S	FS01922	19"	PSPC1100-25	1.0	115	--	1,398.91
FSSC022915-25S	FS02225	22"	PSPC1150-25	1.5	115	--	1,535.59
FSSC026915-25S	FS02629	26"	PSPC1150-25	1.5	115	--	1,662.50

INCLUDES:

- Filter and multi-port valve
- Filter base
- Filter / Pump Hose with Union Adapters
- Supreme Pump with 25 ft. cord
- Pump base
- Return hose and gate valve
- Accessory base for optional timer and/or chlorinator

Carefree Sand CSA Deluxe System (without Supreme Pump)

Part No.	Filter	Diameter	Weight (lbs.)	List (US $)
FS01619H	FS01619	16"	--	669.96
FS01922H	FS01922	19"	--	724.65
FS02225H	FS02225	22"	--	828.77
FS02629H	FS02629	26"	--	994.24

INCLUDES:

- Filter / Pump Hose with Union Adapters, Hose fittings and hose clamps
- Deluxe one-piece base system
- Unionized gate valve to isolate system for maintenance
- Accessory base for optional timer and/or chlorinator

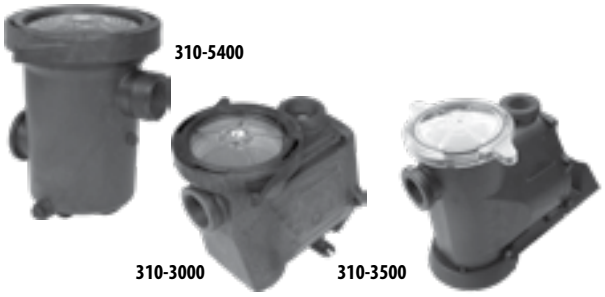
Carefree Sand CSA Standard System with Hi-Flo II 1-Speed Pump

Part No.	Filter	Diameter	Pump	HP	Volts	Weight (lbs.)	List (US $)
520-5300-C25S	FS01619	16"	PHC1100-25	1.0	115	--	1,186.84
520-5320-C25S	FS01922	19"	PHC1100-25	1.0	115	77	1,199.70
520-5340-C25S	FS02225	22"	PHC1150-25	1.5	115	88	1,366.36
520-5360-C25S	FS02629	26"	PHC1150-25	1.5	115	--	1,408.22

INCLUDES:

- Filter
- Filter base
- Filter / Pump Hose with Union Adapters
- Hi-Flo Pump with 25 ft. cord
- Pump base

Pool Pumps / **Accessories and Wet Ends**



Champion Wet Ends

Part No.	Description	List (US $)
310-3000	¾ HP SF	538.40
310-3010	1 HP SF	538.40
310-3010-SS	1 HP SF - Stainless Steel	575.08
310-3020	1.5 HP SF	538.40
310-3030	2 HP SF	538.40
310-3030-SS	2 HP SF - Stainless Steel	575.08
310-3040	2.5 HP SF	538.40
310-3050	3 HP SF	538.40
310-3050-SS	3 HP SF - Stainless Steel	575.08
310-3060	¾ HP EF	538.40
310-3070	1 HP EF	538.40
310-3080	1.5 HP EF	538.40
310-3090	2 HP EF	538.40
310-3100	3 HP EF	538.40

SVL56 Wet Ends

Part No.	Description	Case Quantity	List (US $)
310-3500	1 HP - EF	10	580.98
310-3510	1.5 HP - EF	10	580.98
310-3520	2 HP - EF	10	580.98
310-3530	3 HP - EF	10	580.98
310-3540	¾ HP - SF	10	580.98
310-3550	1 HP - SF	10	580.98
310-3560	1.5 HP - SF	10	580.98
310-3570	2 HP - SF	10	580.98
310-3580	2.5 HP - SF	10	580.98

6" Leaf Traps

Part No.	Description	Case Quantity	List (US $)
310-5400	1 ½" x 1 ½"	5	89.82
310-6500	1 ½" x 2"	5	102.27
310-6600	2" x 2"	5	102.27

Supreme Impellers

Part No.	Description	Case Quantity	List (US $)
310-5080	¾ HP (less trap)	150	36.39
310-5090	1 HP (less trap)	150	36.39
310-5100	1.5 HP or 2 HP (less trap)	150	36.39

Pre-2013 Parts / **Accessories and Wet Ends**



2" Hi-Flo II Side Discharge Wet Ends

Part No.	Rating	Case Qty.	List (US $)
310-7700SD	1/2 HP	15	127.15
310-7710SD	3/4 HP	15	127.15
310-7720SD	1 HP	15	127.15
310-7730SD	1 ½ HP	15	127.15
310-7740SD	2 HP	15	127.15

Spa Flo Wet Ends

Part No.	Description	List (US $)
310-7800	2013 Spa Flo II / S/D ½ HP Wet End 1.5"IN/DIS	105.84
310-7810	2013 Spa Flo II / S/D ¾ HP Wet End 1.5"IN/DIS	105.84
310-7820	2013 Spa Flo II / S/D 1 HP Wet End 1.5"IN/DIS	105.84
310-7830	2013 Spa Flo II / S/D 1 ½ HP Wet End 1.5"IN/DIS	127.15
310-7840	2013 Spa Flo II / S/D 2 HP Wet End 1.5"IN/DIS	127.15

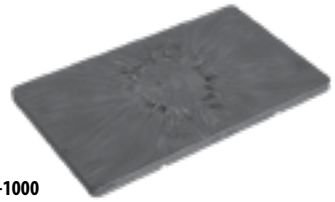
E-Series Center Discharge Wet Ends

Part No.	Description	List (US $)
310-8200	½ HP Center Discharge "E" Wet End	122.25
310-8210	¾ HP Center Discharge "E" Wet End	122.25
310-8220	1 HP Center Discharge "E" Wet End	122.25
310-8230	1 ½ HP Center Discharge "E" Wet End	122.25
310-8240	2 HP Center Discharge "E" Wet End	122.25

Note: E-Series Center Discharge Wet Ends are the same size as the Standard Series Center Discharge Wet Ends. See Page 296.



672-1010



672-1000



672-7241



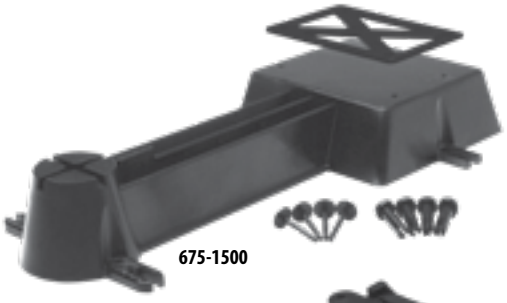
672-7401



672-7201



672-7221



675-1500



672-7211



CABASE-V



675-1380



CABASE

ClearWater Modular Accessory Base
(shown with accessories - not included)



Bases

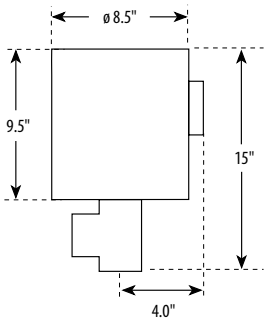
Part No.	Description	List (US $)
672-1010	¾" x 14 ½" x 15"	34.88
672-1000	1" x 15 ¼" x 26 ¼"	42.50
672-7241	ClearWater Standard Filter and Pump Base	92.46
672-7401	ClearWater II Filter and Pump Base	175.99
672-7201	ClearWater Modular Pump Base for Supreme/ WorkHorse Pump	39.26
672-7221	ClearWater Modular Pump Base for Hi-Flo Pump	39.26
675-1500	CSA Pump Base, Supreme and Hi Flo Pump	35.04
672-7211	ClearWater/Carefree Modular Filter Base	78.45
675-1380	Champion/SMF Pumps Adjustable Base	40.16
CABASE	ClearWater Modular Accessory Base *(for use with Modular Base Systems)*	39.26
CABASE-V	Modular Feeder Base *(for use with Modular Base Systems)*	57.95
CABASE-VF	Feeder Base with Fittings	72.42

Air Systems / **Santanna II & Stealth II Air Blowers**

Waterway's Santanna II Residential Air Blower is one of the best quiet running outdoor spa air blowers on the market today.

FEATURES:

- Side or bottom mount
- Heat-free due to open air system that eliminates back pressure build-up
- Internal check valve resists water damage
- Thermally protected for locked motor condition
- Mounting body is Hi-Temp material, eliminating the need for wall mounting
- Side/Bottom outlet is perfect for any outdoor installation and a slip plug is included for the outlet not in use
- Has been tested, certified and listed by UL to requirements of both UL and CSA standards
- Santanna II Air Blowers for residential use are backed by a full one-year, no water damage, warranty
- Bracket on case for easy mounting
- High impact strength construction
- Indoor/outdoor use





Santanna II Air Blowers

Part No.	HP	Volts	Amps	Orifice Dia.	Air Flow (CFM)	PSI	List (US $)
750-3101-280	1.0	110	7.0	2"	115	2.1	345.70
750-3102-280	1.0	220	3.5	2"	113	3.8	367.88
750-3151-280	1.5	110	8.0	2"	120	4.2	389.14
750-3152-280	1.5	220	4.0	2"	108	2.1	403.85
750-3201-280	2.0	110	9.0	2"	128	3.8	438.18
750-3202-280	2.0	220	6.0	2"	119	4.2	456.19

An external UL Listed check valve (sold separately) is available and can be plumbed into the air line.

Air Check Valves

600-8140 (included) & 600-8160
(U.L. Listed SA8537)

1½" Slip, 2" Spigot x 1½" S - 2" Spigot, ¼ lb. Spring



Number of Jets	Blower Size
4 - 7	1 HP
8 - 13	1½ HP
14 +	2 HP

When using a blower to turbo charge jets, care must be taken in sizing and installation. It is important not to oversize the blower.

FEATURES:

- High performance motor runs cooler and quieter
- High impact resistant construction
- Has been tested, certified and listed by UL to requirements of both UL and CSA standards



Stealth II

Stealth II Blower Assemblies

Part No.	Description	Amps	Case Qty	List (US $)
700-3011-000	1.0 HP - 110V - 1 ½" S / 2" Spigot	6.7	6	216.56
700-3151-000	1.5 HP - 110V - 1 ½" S / 2" Spigot	7.6	6	246.23
700-3102-000	1.0 HP - 220V - 1 ½" S / 2" Spigot	4.0	6	232.46
700-3152-000	1.5 HP - 220V - 1 ½" S / 2" Spigot	4.2	6	253.17
700-3201-000	2.0 HP - 110V - 1 ½" S / 2" Spigot	8.8	6	325.01
700-3202-000	2.0 HP - 230V - 1 ½" S / 2" Spigot	5.8	6	286.21

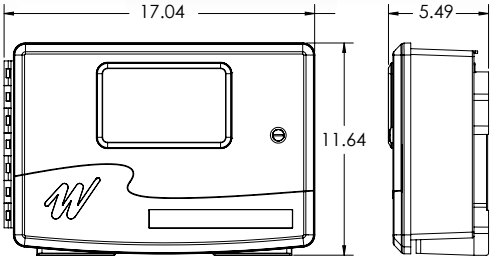
See Blower Sizing on page 254 to calculate your required blower size.
Listed price is without cord. Please call Waterway for part number and pricing with cord.



OASIS
POOL & SPA CONTROL

FEATURES:
- 3.2" Color Screen
- Wi-Fi Option
- Variable, 1 or 2 Speed Pump Control
- 6 Standard Relays
- Controls up to 4 Valve Actuators
- Rugged construction with UV resistant enclosure
- Freeze protection
- Complies to UL and CE requirements
- Dimensions: 17"W x 11.5"H x 5.25"D

The advanced Pool & Spa Control that communicates with Waterway and many major pump & lighting systems!



A Better Solution for Common Pool Applications
- The most cost effective control for standard "pool only" applications.
- Easily handles "pool & spa" combination applications
- Simple to install, program and service

Free Wi-Fi App
- From any smart phone, tablet or web device
- Free download from Apple® or Google Play™
- 24 hour control









OASIS can operate onboard as well as relocatable user interfaces.

OASIS Pool & Spa Control System		
Part No.	Description	List (US $)
770-1000-PS	Standard Control	1188.93
770-1002-PS2	Standard Control + 2 Valve Actuators	1467.34
770-1004-PSW	Standard Control + Wi-Fi	1644.19
770-1006-PSW2	Standard Control + 2 Valve Actuators & Wi-Fi	2099.45
770-0006	OASIS Control Panel	700.23
770-0050	OASIS Control Panel / 50' Lxxx	731.74
770-0100	OASIS Control Panel / 100' Lxxx	763.27
770-0150	OASIS Control Panel / 150' Lxxx	794.78
770-0200	OASIS Control Panel / 200' Lxxx	826.30
773-2400	Valve Actuator	306.43

Unions / **Pump Union Assemblies**





1" Pump Union Assemblies

Part No.	Description	Case Quantity	List (US $)
400-1940	1" Union Nut with ¾" RB Tailpiece and O-Ring	25	4.33
400-1990	1" S Union Nut with 1" Slip Tailpiece and O-Ring	100	4.33













1 ½" Pump Union Assemblies

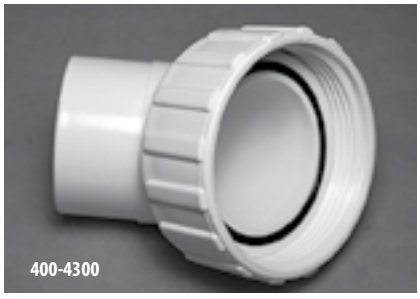
Part No.	Description	Case Quantity	List (US $)
400-4060	1 ½" Union Nut with 1 ½" S Tailpiece and O-Ring	100	5.21
400-5640	1 ½" Union Nut with 1 ½" S Tailpiece with Gasket	100	5.52
400-2020	1 ½" Union Nut with 1 ½" Spigot / 1" S Tailpiece and O-Ring	200	6.47
400-2017	1 ½" Union Nut with 50mm S Tailpiece and O-Ring	70	6.50
400-4230	1 ½" Union Nut with 1 ½" FPT Tailpiece and O-Ring	100	9.74
400-4510	1 ½" Union Nut with 1 ½" FPT Tailpiece and O-Ring with Gasket	200	10.06
400-4240	1 ½" Union Nut with 1 ½" Spigot Tailpiece and O-Ring	50	8.12
400-9280	1 ½" Union Nut with 1 ½" / 1 ¼" Hose Adapter and O-Ring	25	5.46


400-5570


400-9240


400-5800


400-5660


400-4300


400-9230

2" Pump Union Assemblies

Part No.	Description	Case Quantity	List (US $)
400-5570	2" Union Nut with 2" S Tailpiece and O-Ring	70	7.59
400-5670	2" Union Nut with 2" S Tailpiece and O-Ring with Gasket	70	7.89
400-9240	2" Union Nut with 1 ½" Hose Adapter and O-Ring	30	10.93
400-5800	2" Union Nut with 2" S Sweep Ell - 90° Tailpiece	40	9.83
400-5660	2" Union Nut with 1 ½" FPT Nut Tailpiece and O-Ring	72	13.65
400-4300	2" Union Nut with 2" Spigot 45° Tailpiece and O-Ring	70	8.40
400-9230	2" Union Nut with 2" Spigot / 1 ½" S Tailpiece and O-Ring	40	7.59
400-5680	2" Union Nut with 2" Spigot / 1 ½" S Tailpiece and O-Ring with Gasket	140	7.89

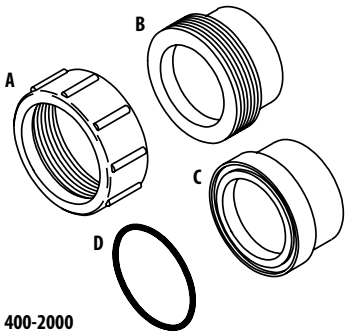

400-5990


400-6010

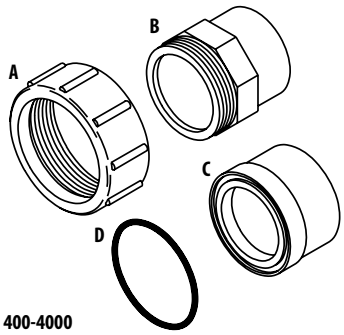
2 ½" Pump Union Assemblies

Part No.	Description	Case Quantity	List (US $)
400-5990	2 ½" Union Nut with 2" S Tailpiece and O-Ring	50	10.70
400-6010	2 ½" Union Nut with 2 ½" S Tailpiece and O-Ring	36	10.70
400-6021B	2 ½" Union Nut x 2 ½" S - Black *(2 included with SVL56 pump)*	72	12.01
400-5971B	2 ½" Union Nut x 2" S - Black *(2 included with SVL56 pump)*	72	12.01

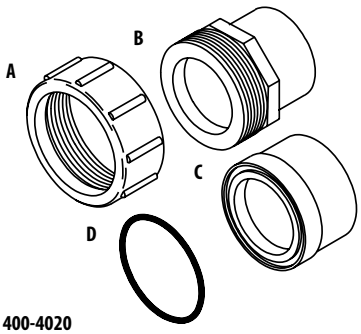
Unions / **Union Assemblies**



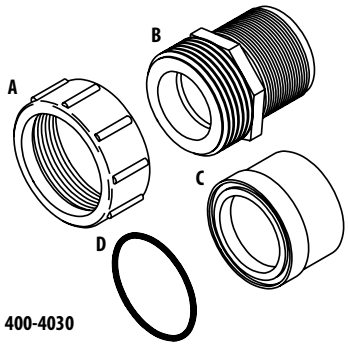
400-2000



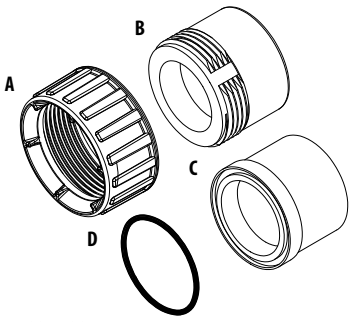
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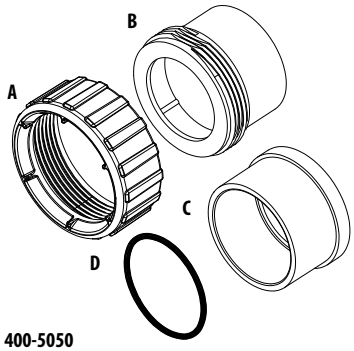
400-4020



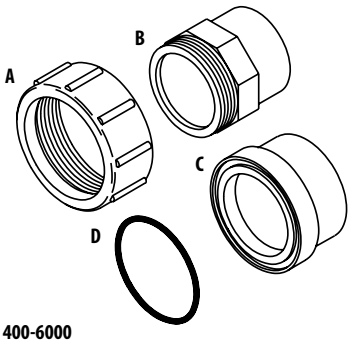
400-4030



400-5530



400-5050



400-6000

Union Assemblies

Part No.	Description	Part A	Part B	Part C	Part D	Case Quantity	List (US $)
400-2000	Union Assembly - 1" S x 1" S	415-2000	417-2010	417-2020	805-0123	60	8.12
400-4000	Union Assembly #1 - 1 ½" S x 1 ½" S	415-4000	417-4010	417-4000	805-0226	50	8.12
400-4020	Union Assembly #3 - 1 ½" S x 1 ½" Spigot	415-4000	417-4030	417-4000	805-0226	25	11.37
400-4030	Union Assembly - 1 ½" MPT x 1 ½" S	415-4000	417-4060	417-4000	805-0226	25	11.37
400-5530	Union Assembly - 2" Spigot / 1 ½" S x 1 ½" S	415-4000	417-4000	417-5080	805-0226	40	11.41
400-5050	Union Assembly #13 - 2" S x 2" S	415-5000	417-5040	417-5120	805-0229	25	13.01
400-6000	Union Assembly - 2 ½" S x 2 ½" S	415-6000	417-6010	417-6000	805-0232	36	16.72

Standard color is white. All fittings meet or exceed A.S.T.M. Schedule 40 standards.



400-4481-CPVC

FEATURES:

- 100% CPVC
- 18 degree Swivel
- Includes O-Ring (Teflon tape or Teflon paste not needed)
- Can be installed on all 2"suction or discharge sides of pump.

Swivel Union Assembly

Part No.	Description	Case Weight	Case Quantity	List (US $)
400-4481-CPVC	Swivel Union Assembly - 2" S x 2" Spigot	34.56 lbs.	45	30.37



400-5090



400-3090



400-5200

Self-Aligning Union Assemblies

Part No.	Description	Case Weight	Case Quantity	List (US $)
400-5090	Self-Aligning Union Assembly - 2" S x 2" S	19 lbs.	40	12.91
400-3090	Self-Aligning Union Assembly - 1 ½" S x 1 ½" S	21 lbs.	40	11.25
400-5200	Self-Aligning Union Assembly - 1 ½" S x 2" S	34.8 lbs.	80	12.23



400-3070



400-4160



400-5080

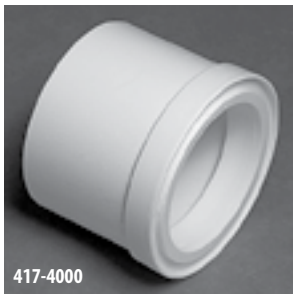
Union Assemblies

Part No.	Description	Case Weight	Case Quantity	List (US $)
400-3070	Barbed Union Hose Adapter - 1 ½" NPT x 1 ½" *(includes cap for winterization)*	10 lbs.	30	13.04
400-4160	Union Assembly #23 - 1 ½" FPT x 1 ½" S	10.47 lbs.	25	13.01
400-5080	Union Assembly - 2" S x 2" MPT	16 lbs.	30	15.33

Unions / 1 ½" Union Components


415-4000

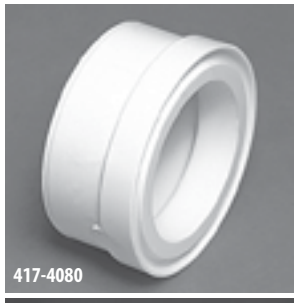

417-4070


417-4000


417-2000


417-4030

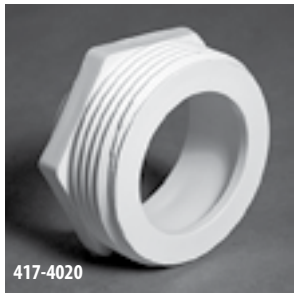

417-4060


417-4080


417-6040


417-4010

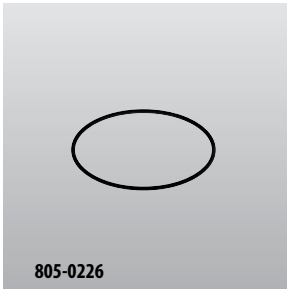

417-6020


417-4020


417-5080


417-4110


711-4000


805-0226

1 ½" Union Components

Part No.	Description	Case Quantity	List (US $)
415-4000	1 ½" Union Nut	250	2.50
417-4070	1 ½" Flange x 1 ½" FPT Tailpiece	100	2.50
417-4000	1 ½" Flange x 1 ½" S Tailpiece	300	2.77
417-5500	1 ½" Flange x 50mm S Tailpiece	100	2.50
417-2000	1 ½" Flange x 1 ½" Spigot / 1" S Tailpiece	50	5.95
417-4100	1 ½" Flange x 1 ½" Spigot	75	4.78
417-4030	1 ½" Buttress Thread x 1 ½" Spigot Tailpiece	230	2.50
417-4060	1 ½" Buttress Thread x 1 ½" MPT Tailpiece	230	2.59
417-4080	1 ½" Flange x 1 ½" S Tailpiece - Short	150	2.25
417-6040	1 ½" Flange x 1 ½" / 1 ¼" Hose Adapter Fitting	75	2.17
417-4010	1 ½" Buttress Thread x 1 ½" S Tailpiece	250	2.78
417-6020	1 ½" Flange x 1 ½" S Hose Adapter Fitting	50	2.70
417-4020	1 ½" Buttress Thread x 1 ½" S - Short	50	2.78
417-5080	1 ½" Buttress Thread x 1 ½" S x 2" Spigot Tailpiece	75	3.25
417-4110	1 ½" Buttress x 1 ½" S - Short	150	4.35
711-4000	1 ½" Union Gasket	500	0.62
805-0226	O-Ring – 1 ½" Tailpiece	100	0.60


415-5000


417-5120


417-5020

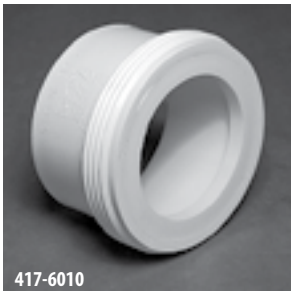

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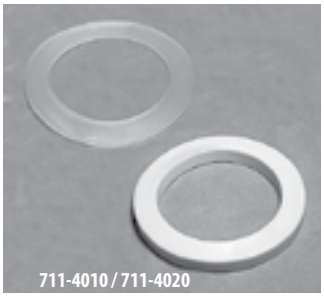

417-6030


417-5260

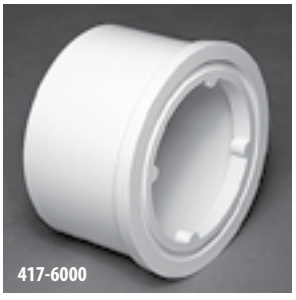

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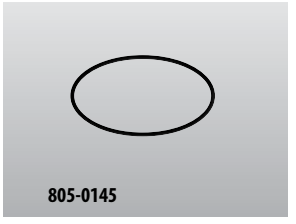

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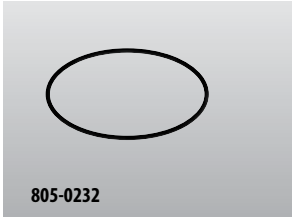

417-6010


711-4010 / 711-4020


415-6000


417-6000


805-0145


805-0232

2" and 2 ½" Union Components

Part No.	Description	Case Quantity	List (US $)
415-5000	2" Union Nut	180	3.78
417-5120	2" Flange x 2" S Tailpiece	50	3.94
417-5020	2" Flange x 2" Spigot / 1 ½" S Tailpiece	100	4.38
417-5130	2" Flange x 1 ½" FPT Nut Tailpiece	140	3.45
417-6050	2" Flange x 1 ½" / 1 ¼" Hose Adapter Fitting	200	3.65
417-6030	2" Flange x 1 ½" Hose Adapter Fitting	25	3.33
417-5260	2" Buttress Thread x 2" Spigot / 1 ½" S Tailpiece	160	4.38
417-4220	2" Flange x 2" MPT	50	7.70
417-5090	2" Flange Thread x 1 ½" MPT Tailpiece	25	4.38
417-5040	2" Buttress Thread x 2" S Tailpiece	150	3.06
805-0145	O-Ring – 2" Heater Tailpiece	100	0.60
805-0229	2" Pump Union (thick) O-ring	100	0.71
711-4010	2" Flat Union Gasket	500	0.72
711-4020	2" x ¼" Thick Union Gasket	500	1.30
711-4030	2" Ribbed O-ring Union Gasket	500	0.79
415-6000	2 ½" Union Nut	50	7.32
417-6000	2 ½" Flange x 2 ½" Socket	50	4.69
417-5970	2 ½" Flange x 2" Socket	50	4.38
417-6010	2 ½" Buttress Thread x 2 ½" Socket	100	5.04
805-0232	O-Ring – 2 ½" Heater Tailpiece	100	1.29

Notes

ABOVE GROUND FEATURES:

- 1 1/2" x 6" Extension Adapter for easy installation on all Filter choices
- A check valve to prevent backflow of water into chlorinator
- Includes 1 1/2" hose adapter
- Internal chamber designed for improved performance
- Holds 4 - 3" tabs; 4 1/2 lbs of 1/2" tabs



400-9820



Above-Ground

CAG004-W

For replacement parts, see page 342.

Above Ground Chlorinators

Part No.	Description	Color	Case Weight	Case Qty.	Weight (lbs.)	List (US $)
CAG004-W	Above-Ground Chlorinator *(fittings to install on Sand Filter Multi-Port Included)*	White	24.11 lbs.	20	3	106.30
400-3090	1 ½" S Self-Aligning Union for In-Line	White	40.9 lbs.	40	21	11.25
400-5200	2" S Self-Aligning Union for In-Line	White	38.23 lbs.	40	20	12.23
400-9820	Chlorinator Fitting - 1 ½" MPT x 1 ½" Buttress		9.67 lbs.	20	--	19.64

**Clear style chlorinators will lose clarity over time, depending on type of chlorine, weather conditions and usage.*

Advanced design ClearWaterVS In-Line Automatic Chlorinator creates tablet saturation when using Variable Speed Pumps at all speeds.

ClearWaterVS CHLORINATOR

IN-LINE FEATURES:

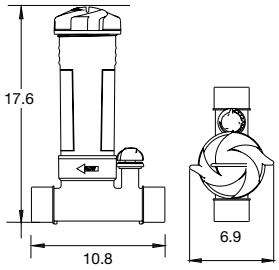
- Now with 100% Shut-off Valve
- Easy to read accurate control valve
- Large chamber body (White or Clear)
- Check Valve to prevent backflow into chlorinator
- 2" socket x 2.5" spigot (1.5" socket reducers included)
- Enclosed internal saturation tube - provides optimal flow across chlorine tablets
- Twelve (12) tablet capacity
- Available in White or Clear



550-6700



In-Line



Extra large water intake

NSF

In-Line Chlorinators

Part No.	Description	Color	Case Weight	Case Qty.	Weight (lbs.)	List (US $)
CLC012	In-Line - 12 Tablet Feeder - 2" Socket *(includes 1 ½" socket reducer)*	Clear*	38 lbs.	1	5	150.41
CLC012-W	In-Line - 12 Tablet Feeder - 2" Socket *(includes 1 ½" socket reducer)*	White	38 lbs.	1	5	150.41
550-6700	In-Line Chlorinator Mounting Bracket *(fits Waterway Above Ground Filter Systems)*	Black	28.27 lbs.	30	29	26.14

Ells, Tees, & Wyes / **Couplers & Accessories**



419-4100



419-4120



429-2000



418-6000



418-3000



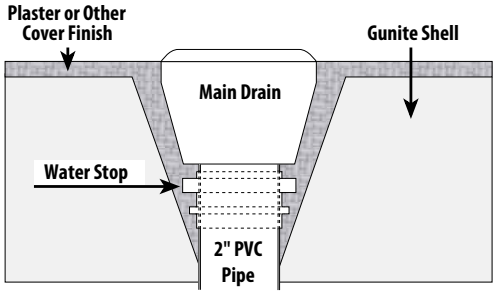
418-1000

Accessories

Part No.	Description	Case Weight	Case Quantity	List (US $)
419-4100	1" Inside Coupler	16 lbs.	300	2.79
419-4110	1 ½" Inside Coupler	12 lbs.	100	3.14
419-4120	2" Inside Coupler	9 lbs.	60 (bulk)	3.66
429-2000	1 ½" Fitting Extender	8 lbs.	30	6.35
429-2010	2" Fitting Extender	10 lbs.	30 (bulk)	6.66
418-1000	½" Pipe Extender	7 lbs.	400 (bulk)	1.55
418-2000	¾" Pipe Extender	7 lbs.	250 (bulk)	2.52
418-3000	1" Pipe Extender	14 lbs.	280 (bulk)	2.79
418-4000	1 ¼" Pipe Extender	15 lbs.	200 (bulk)	2.97
418-5000	1 ½" Pipe Extender	6 lbs.	50 (bulk)	3.14
418-6000	2" Pipe Extender	4 lbs.	25 (bulk)	3.51
418-7000	2 ½" Pipe Extender	13 lbs.	25 (bulk)	4.57



Waterstops - 1", 1 ½", 2", 2 ½"



Waterstops eliminate leaks due to expansion and contraction of plaster and/or other finish materials.

Waterstops

Part No.	Description	Case Weight	Case Quantity	List (US $)
429-3000	1" Waterstop	6 lbs.	100	2.30
429-3010	1 ½" Waterstop	15 lbs.	200	2.77
429-3020	2" Waterstop	5 lbs.	50	3.38
429-3030	2 ½" Waterstop	6.98 lbs.	50	4.80







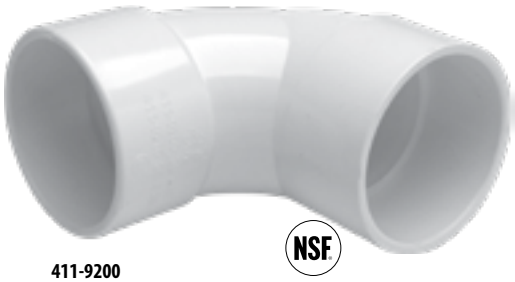












Sweep Ells

Part No.	Description	NSF Approved	Case Weight	Case Quantity	List (US $)
411-9100	1 ½" Spigot x 1 ½" S	x	8 lbs.	25	4.61
411-9110	1 ½" S x 1 ½" S	x	8 lbs.	25	4.61
411-9120	2" Spigot x 2" S	x	25 lbs.	60	5.16
411-9130	2" S x 2" S	x	25 lbs.	60	5.16
411-9140	2 ½" Spigot x 2 ½" S	x	21 lbs.	30	7.36
411-9150	2 ½" S x 2 ½" S	x	22 lbs.	30	7.36
411-9160	2" Spigot 90˚ x 2 ½" S	x	22 lbs.	35	7.36
411-9200	3" S x 3" S	x	22 lbs.	17	11.04
411-9210	3" S x 3" Spigot	x	26 lbs.	20	11.04

Ells, Tees, & Wyes / **45° and 90° Ells**

























45° and 90° Ells

Part No.	Description	NSF Approved	Case Quantity	List (US $)
411-2020	45° Street Ell – 1" S x 1" Spigot	x	50	3.91
411-4040	45° Street Ell – 1 ½" S x 1 ½" Spigot		140	5.21
411-5030	45° Street Ell – 2" S x 2" Spigot		90	6.50
411-2010	45° Ell – 1" S x 1" S	x	150	3.82
411-2200	45° Ell – 2" Spigot x 2" Spigot	x	80	6.86
411-2000	90° Street Ell – 1" S x 1" Spigot	x	50	2.68
411-4000	90° Street Ell – 1 ½" S x 1 ½" Spigot		130	4.53
411-5080	90° Street Ell – 2" S x 2" Spigot		60	5.82
411-4010	90° Ell – 1 ½" S x 1 ½" S	x	50	2.93
411-5040	90° Street Ell – 2" S x 2" Spigot x ½" FPT Left Side Outlet	x	60	11.37
411-5050	90° Street Ell – 2" S x 2" Spigot x 3/8" FPT Left Side Outlet		25	11.37
411-5550	90° Ell – 1 ½" Spigot x 1 ½" Spigot	x	50	4.53
411-2100	90° Ell – 2" Spigot x 2" Spigot	x	60	6.50
411-4050	90° Ell – 1 ½" S x 1 ½" Spigot x 1" S Side Outlet	x	25	6.50
411-5060	90° Street Ell – 1 ½" S x 1 ½" Spigot x 1/8" FPT Side Outlet	x	50	8.13
411-4080	90° Street Ell – 1 ½" S x 1 ½" Spigot x ½" S Outlet	x	50	6.34
411-9170	Ell - 2" S x 2" S x ¾" SB		50	9.70
411-9180	Ell - 2 ½" S x 2 ½" S x ¾" SB		30	12.43
413-2320	Wye 2 ½" S x 2 ½" S x 2 ½" S @ 22.50 R1 20.06		15	20.00



411-6520



411-6540



417-6060



417-6080



417-6140



417-6150



417-6160

Hose Adapters

Part No.	Description	Color	Case Weight	Case Quantity	List (US $)
411-6520	Barb Ell - 1 ½" MPT x 1 ½" Hose	White	28.35 lbs.	140 (bulk)	5.05
411-6540	Smooth Ell - 1 ½" MPT x 1 ½" Hose	White	29.35 lbs.	150 (bulk)	5.05
417-6060	Hose Fitting Adapter - 1 ½" MPT x 1 ¼" Hose	White	7.28 lbs.	70 (bulk)	2.46
417-6061	Hose Fitting Adapter - 1 ½" MPT x 1 ¼" Hose	Black	7.28 lbs.	70 (bulk)	2.46
417-6067	Hose Fitting Adapter - 1 ½" MPT x 1 ¼" Hose	Gray	7.37 lbs.	70 (bulk)	2.46
417-6080	Hose Fitting Adapter - 1 ½" Spigot x 1 ¼" Hose	White	25.25 lbs.	230 (bulk)	2.32
417-6081	Hose Fitting Adapter - 1 ½" Spigot x 1 ¼" Hose	Black	25.25 lbs.	230 (bulk)	2.32
417-6140	Male Smooth Adapter - 1 ½" MPT x 1 ½" Hose	White	24.47 lbs.	260 (bulk)	3.04
417-6141	Male Smooth Adapter - 1 ½" MPT x 1 ½" Hose	Black	24.47 lbs.	260 (bulk)	3.04
417-6147	Male Smooth Adapter - 1 ½" MPT x 1 ½" Hose	Gray	24.47 lbs.	260 (bulk)	3.04
417-6150	Male Barb Adapter - 1 ½" MPT x 1 ½" Hose	White	28.85 lbs.	270 (bulk)	3.04
417-6151	Male Barb Adapter - 1 ½" MPT x 1 ½" Hose	Black	28.85 lbs.	270 (bulk)	3.04
417-6157	Male Barb Adapter - 1 ½" MPT x 1 ½" Hose	Gray	28.85 lbs.	270 (bulk)	3.04
417-6160	Male Barb Adapter - 2" MPT x 1 ½" Hose	White	51.15 lbs.	25 (bulk)	9.83
417-6161	Male Barb Adapter - 2" MPT x 1 ½" Hose	Black	51.15 lbs.	25 (bulk)	9.83
417-6167	Male Barb Adapter - 2" MPT x 1 ½" Hose	Gray	51.15 lbs.	25 (bulk)	9.83

Fittings / **Return Wall Fittings**


215-9170B


215-9880


215-9150

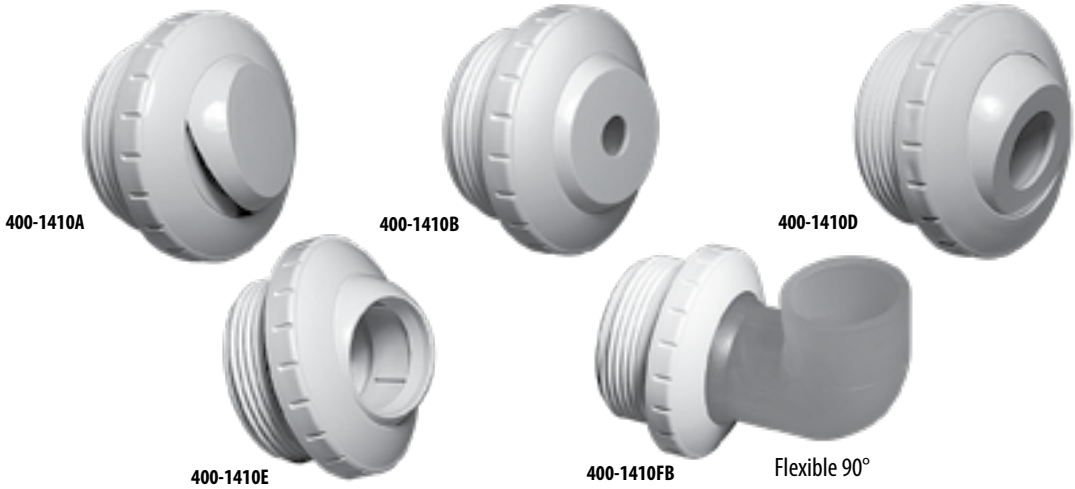

215-9890


400-9170


400-9150B

Return Wall Fittings

Part No.	Description	Color	Case Weight	Case Quantity	List (US $)
215-9170B	Return Wall Fitting 1 ½" FPT Thru	White	8 lbs.	50 (indiv.)	5.55
215-9170	Return Wall Fitting 1 ½" FPT Thru	White	26.15 lbs.	200 (bulk)	4.89
215-9171	Return Wall Fitting 1 ½" FPT Thru	Black	26.15 lbs.	200 (bulk)	5.40
215-9177	Return Wall Fitting 1 ½" FPT Thru	Gray	26.15 lbs.	200 (bulk)	5.40
215-9179-DKG	Return Wall Fitting 1 ½" FPT Thru	Dark Gray	26.15 lbs.	200 (bulk)	5.40
215-9179-BEI	Return Wall Fitting 1 ½" FPT Thru	Beige	26.15 lbs.	200 (bulk)	5.40
215-9880	Return Wall Fitting 1 ½" FPT x 1" S	White	30.05 lbs.	200 (bulk)	5.74
215-9881	Return Wall Fitting 1 ½" FPT x 1" S	Black	30.05 lbs.	200 (bulk)	6.22
215-9887	Return Wall Fitting 1 ½" FPT x 1" S	Gray	30.05 lbs.	200 (bulk)	6.22
215-9889-DKG	Return Wall Fitting 1 ½" FPT x 1" S	Dark Gray	30.05 lbs.	200 (bulk)	6.22
215-9150B	Return Wall Fitting 1 ½" FPT x 1 ½" S	White	8 lbs.	50 (indiv.)	5.40
215-9150	Return Wall Fitting 1 ½" FPT x 1 ½" S	White	27.30 lbs.	200 (bulk)	4.89
215-9151	Return Wall Fitting 1 ½" FPT x 1 ½" S	Black	27.30 lbs.	200 (bulk)	5.40
215-9157	Return Wall Fitting 1 ½" FPT x 1 ½" S	Gray	27.30 lbs.	200 (bulk)	5.40
215-9159-DKG	Return Wall Fitting 1 ½" FPT x 1 ½" S	Dark Gray	27.30 lbs.	200 (bulk)	5.40
215-9159-BEI	Return Wall Fitting 1 ½" FPT x 1 ½" S	Beige	27.30 lbs.	200 (bulk)	5.40
215-9159-DKB	Return Wall Fitting 1 ½" FPT x 1 ½" S	Dark Blue	27.30 lbs.	200 (bulk)	5.40
215-9890	Return Wall Fitting 1 ½" FPT x 2" Insider *(fits inside 2" pipe)*	White	5.47 lbs.	60 (bulk)	7.57
215-9891	Return Wall Fitting 1 ½" FPT x 2" Insider *(fits inside 2" pipe)*	Black	5.47 lbs.	60 (bulk)	8.28
215-9897	Return Wall Fitting 1 ½" FPT x 2" Insider *(fits inside 2" pipe)*	Gray	5.47 lbs.	60 (bulk)	8.28
215-9899-DKG	Return Wall Fitting 1 ½" FPT x 2" Insider *(fits inside 2" pipe)*	Dark Gray	5.47 lbs.	60 (bulk)	8.28
400-9170B	Return Wall Fitting Assembly with Nut and Gasket 1 ½" FPT Thru	White	13 lbs.	50 (indiv.)	10.96
400-9171B	Return Wall Fitting Assembly with Nut and Gasket 1 ½" FPT Thru	Black	13 lbs.	50 (indiv.)	11.43
400-9177B	Return Wall Fitting Assembly with Nut and Gasket 1 ½" FPT Thru	Gray	13 lbs.	50 (indiv.)	11.43
400-9170	Return Wall Fitting Assembly with Nut and Gasket 1 ½" FPT Thru	White	12 lbs.	50 (bulk)	10.11
400-9171	Return Wall Fitting Assembly with Nut and Gasket 1 ½" FPT Thru	Black	12 lbs.	50 (bulk)	10.60
400-9177	Return Wall Fitting Assembly with Nut and Gasket 1 ½" FPT Thru	Gray	12 lbs.	50 (bulk)	10.60
400-9150B	Return Wall Fitting Assembly with Nut and Gasket 1 ½" FPT x 1 ½" S	White	13 lbs.	50 (indiv.)	10.96
400-9150	Return Wall Fitting Assembly with Nut and Gasket 1 ½" FPT x 1 ½" S	White	13 lbs.	50 (bulk)	10.11
400-9151	Return Wall Fitting Assembly with Nut and Gasket 1 ½" FPT x 1 ½" S	Black	13 lbs.	50 (bulk)	10.60
400-9157	Return Wall Fitting Assembly with Nut and Gasket 1 ½" FPT x 1 ½" S	Gray	13 lbs.	50 (bulk)	10.60



Threaded Eyeball Fittings - 1 ½" MPT

Part No.	Description	Color	Case Weight	Case Quantity	List (US $)
400-1410AB	Slotted Eyeball Opening *(bagged)*	White	10.50 lbs.	100 (indiv.)	6.08
400-1417AB	Slotted Eyeball Opening *(bagged)*	Gray	10.50 lbs.	100 (indiv.)	7.24
400-1410A	Slotted Eyeball Opening	White	12.55 lbs.	125 (bulk)	5.40
400-1411A	Slotted Eyeball Opening	Black	12.55 lbs.	125 (bulk)	6.55
400-1417A	Slotted Eyeball Opening	Gray	12.55 lbs.	125 (bulk)	6.55
400-1419A-DK	Slotted Eyeball Opening	Dark Gray	12.55 lbs.	125 (bulk)	6.55
400-1410BB	3/8" Eyeball Opening *(bagged)*	White	10.75 lbs.	100 (indiv.)	5.40
400-1410B	3/8" Eyeball Opening	White	12.45 lbs.	125 (bulk)	4.72
400-1411B	3/8" Eyeball Opening	Black	12.45 lbs.	125 (bulk)	5.22
400-1417B	3/8" Eyeball Opening	Gray	12.45 lbs.	125 (bulk)	5.22
400-1410CB	½" Eyeball Opening *(bagged)*	White	10.70 lbs.	100 (indiv.)	5.40
400-1410C	½" Eyeball Opening	White	12.55 lbs.	125 (bulk)	4.72
400-1411C	½" Eyeball Opening	Black	12.55 lbs.	125 (bulk)	5.22
400-1417C	½" Eyeball Opening	Gray	12.55 lbs.	125 (bulk)	5.22
400-1419B-DK	½" Eyeball Opening	Dark Gray	12.45 lbs.	125 (bulk)	5.22
400-1419C-DK	½" Eyeball Opening	Dark Gray	12.55 lbs.	125 (bulk)	5.22
400-1410DB	¾" Eyeball Opening *(bagged)*	White	10.35 lbs.	100 (indiv.)	5.40
400-1411DB	¾" Eyeball Opening *(bagged)*	Black	10.35 lbs.	100 (indiv.)	5.91
400-1417DB	¾" Eyeball Opening *(bagged)*	Gray	10.35 lbs.	100 (indiv.)	5.91
400-1410D	¾" Eyeball Opening	White	11.65 lbs.	125 (bulk)	4.72
400-1411D	¾" Eyeball Opening	Black	11.65 lbs.	125 (bulk)	5.22
400-1417D	¾" Eyeball Opening	Gray	11.65 lbs.	125 (bulk)	5.22
400-1419D-DK	¾" Eyeball Opening	Dark Gray	11.65 lbs.	125 (bulk)	5.22
400-1419D-BEI	¾" Eyeball Opening	Beige	11.65 lbs.	125 (bulk)	5.22
400-1410EB	1" Eyeball Opening *(bagged)*	White	10.55 lbs.	100 (indiv.)	5.40
400-1411EB	1" Eyeball Opening *(bagged)*	Black	10.55 lbs.	100 (indiv.)	5.91
400-1417EB	1" Eyeball Opening *(bagged)*	Gray	10.55 lbs.	100 (indiv.)	5.91
400-1410E	1" Eyeball Opening	White	11.77 lbs.	125 (bulk)	4.72
400-1411E	1" Eyeball Opening	Black	11.77 lbs.	125 (bulk)	5.22
400-1417E	1" Eyeball Opening	Gray	11.77 lbs.	125 (bulk)	5.22
400-1419E-DK	1" Eyeball Opening	Dark Gray	11.77 lbs.	125 (bulk)	5.22
400-1419E-BEI	1" Eyeball Opening	Beige	11.77 lbs.	125 (bulk)	5.22
400-1419E-DKB	1" Eyeball Opening	Dark Blue	11.77 lbs.	125 (bulk)	6.12
400-1410FB	1" 90° Return Eye *(bagged)*	White	12 lbs.	125 (indiv.)	5.40
400-1410F	1" 90° Return Eye	White	9.05 lbs.	70 (bulk)	4.79

Fittings / **Insert Inlet Eyeball Fitting & In-Floor Reurn**



400-1420E

Available in:
- White
- Gray
- Dark Gray
- Black

Insert Inlet Eyeball Fittings - 1 ½"

Part No.	Description	Color	Case Weight	Case Quantity	List (US $)
400-1420DB	¾" Eyeball Opening *(bagged)*	White	8 lbs.	75 (indiv.)	8.40
400-1420EB	1" Eyeball Opening *(bagged)*	White	7.7 lbs.	75 (indiv.)	8.40
400-1420D	¾" Eyeball Opening	White	8.29 lbs.	75 (bulk)	7.74
400-1421D	¾" Eyeball Opening	Black	8.29 lbs.	75 (bulk)	8.57
400-1427D	¾" Eyeball Opening	Gray	8.29 lbs.	75 (bulk)	8.57
400-1429D-DK	¾" Eyeball Opening	Dark Gray	8.14 lbs.	75 (bulk)	9.23
400-1420E	1" Eyeball Opening	White	8.36 lbs.	75 (bulk)	7.74
400-1421E	1" Eyeball Opening	Black	8.12 lbs.	75 (bulk)	8.57
400-1427E	1" Eyeball Opening	Gray	7.85 lbs.	75 (bulk)	8.57
400-1429E-DK	1" Eyeball Opening	Dark Gray	8.12 lbs.	75 (bulk)	8.57
400-1420A	Slotted Opening	White	8 lbs.	75 (bulk)	8.40
400-1427A	Slotted Opening	Gray	8 lbs.	75 (bulk)	9.23
400-1429A-DK	Slotted Opening	Dark Gray	8 lbs.	75 (bulk)	9.23



640-9000

In-Floor Return

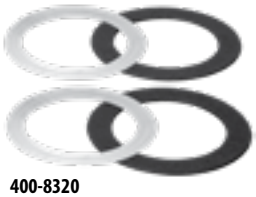
Part No.	Description	Color	List (US $)
640-9000	Floor Return	White	34.92
640-9007	Floor Return	Gray	34.92



400-8300



400-8310



400-8320



400-9470

Fiberglass Wall Fitting - Deep Socket

Part No.	Description	List (US $)
400-8300	Fiberglass Wall Fitting, Deep Socket Adapter - HWD Version	8.15
400-8310	Fiberglass Wall Fitting with Eyeball, Deep Socket Adapter - HA Version	13.08
400-8320	Gasket Kit (can work with either kit)	2.93
400-9740	1 Pc Fiberglass Wall Fitting LG Third with Eyeball	11.55



217-0060

FRONT BACK



715-1910

Aerators

Part No.	Color	Dimensions	Case Quantity	List (US $)
715-1910	White	ø 1.62" W x 1.25" H	120 (bulk)	8.34
715-1911	Black	ø 1.62" W x 1.25" H	120 (bulk)	10.18
715-1917	Gray	ø 1.62" W x 1.25" H	120 (bulk)	10.18
715-1919-DKG	Dark Gray	ø 1.62" W x 1.25" H	120 (bulk)	10.18
715-1919-BEI	Beige	ø 1.62" W x 1.25" H	120 (bulk)	9.23
217-0060	White	¾" Aerator Spray Nozzle	200	4.89



600-2201

Vac Lock Fittings

Part No.	Description	Color	Case Weight	Case Quantity	List (US $)
600-2200	Vac Lock Fitting - 1 ½" MPT	White	9.57 lbs.	70	45.23
600-2201	Vac Lock Fitting - 1 ½" MPT	Black	9.57 lbs.	70	45.23
600-2207	Vac Lock Fitting - 1 ½" MPT	Gray	9.57 lbs.	70	45.23
600-2209-DKG	Vac Lock Fitting - 1 ½" MPT	Dark Gray	9.57 lbs.	70	45.23
600-2209-BEI	Vac Lock Fitting - 1 ½" MPT	Beige	9.57 lbs.	70	45.23
600-2209-DKB	Vac Lock Fitting - 1 ½" MPT	Dark Blue	9.57 lbs.	70	45.23
600-2209-LTB	Vac Lock Fitting - 1 ½" MPT	Light Blue	9.57 lbs.	70	45.23

Fittings / **Vinyl Liner Fittings & Vinyl Wall Fitting**



400-9160B



218-1430



218-1440

In-Ground Pool Vinyl Liner Return Fittings

Part No.	Description	Color	Case Weight	Case Quantity	List (US $)
400-9160B	Steel Wall Fitting Assembly with Combo Spacer/Locknut 1 ½" FPT x 1 ½" FPT	White	16 lbs.	25 (indiv.)	17.85
400-9161B	Steel Wall Fitting Assembly with Combo Spacer/Locknut 1 ½" FPT x 1 ½" FPT	Black	16 lbs.	25 (indiv.)	17.85
400-9167B	Steel Wall Fitting Assembly with Combo Spacer/Locknut 1 ½" FPT x 1 ½" FPT	Gray	16 lbs.	25 (indiv.)	17.85
400-9060B	Steel Wall Fitting Assembly with Combo Spacer/Locknut 1 ½" FPT x 1 ½" Socket	White	17.91 lbs.	25 (indiv.)	17.85
400-9061B	Steel Wall Fitting Assembly with Combo Spacer/Locknut 1 ½" FPT x 1 ½" Socket	Black	17.91 lbs.	25 (indiv.)	17.85
400-9067B	Steel Wall Fitting Assembly with Combo Spacer/Locknut 1 ½" FPT x 1 ½" Socket	Gray	17.91 lbs.	25 (indiv.)	17.85
218-1430	Faceplate For Steel Wall Vinyl Liner Wall Fitting with Fitting Assembly	White	26.75	300	7.57
218-1431	Faceplate For Steel Wall Vinyl Liner Wall Fitting with Fitting Assembly	Black	26.75	300	7.57
218-1437	Faceplate For Steel Wall Vinyl Liner Wall Fitting with Fitting Assembly	Gray	26.75	300	7.57
218-1440	Wall Fitting Escutcheon	White	5.70 lbs.	200 (bulk)	3.04
218-1441	Wall Fitting Escutcheon	Black	5.70 lbs.	200 (bulk)	3.72
218-1447	Wall Fitting Escutcheon	Gray	5.70 lbs.	200 (bulk)	3.72
218-1449-DKG	Wall Fitting Escutcheon	Dark Gray	5.70 lbs.	200 (bulk)	3.72
218-1449-BEI	Wall Fitting Escutcheon	Beige	5.70 lbs.	200 (bulk)	3.72
218-1449-DKB	Wall Fitting Escutcheon	Dark Blue	5.70 lbs.	200 (bulk)	4.83
400-7390	V/L Return W/F 1 ½" FPT x 2 3/4" Lngt W/F Combo Nut	White	21.40 lbs	25 (indiv.)	20.80



550-9340



550-9330

Above-Ground Pool Vinyl Liner Return Fittings

Part No.	Description	Color	Case Weight	Case Quantity	List (US $)
550-9340	Deluxe Return Fitting Assembly 1" Eyeball	White	13.55 lbs.	30 (bulk)	18.87
550-9347	Deluxe Return Fitting Assembly 1" Eyeball	Gray	13.55 lbs.	30 (bulk)	18.87
550-9330	Deluxe Return Fitting Assembly ¾" Eyeball	White	35.15 lbs.	80 (bulk)	18.87
550-9337	Deluxe Return Fitting Assembly ¾" Eyeball	Gray	35.15 lbs.	80 (bulk)	18.87



400-9010B

In-Ground Pool Vinyl Wall Fitting - Concrete Poured Wall

Part No.	Description	Color	Case Wt.	Case Qty.	List (US $)
400-9010B	Concrete Poured Wall 1 1/2" FPT x 1 1/4" Socket	White	12.31 lbs.	25	16.26



400-1360



400-1300

Rotating Eyeball Fittings

Part No.	Description	Color	Case Weight	Case Quantity	List (US $)
400-1360	Pulsator Eyeball Fitting 1 ½" Insert Inlet	White	32.91 lbs.	80	29.45
400-1300	Pulsator Eyeball Assembly	White	5.52 lbs.	75 (indiv.)	29.48

FEATURES:

- Replaces directional eyeball fittings in spas
- Great For Therapy Massage Action!
- The Pulsator fits these wall fittings:
  215-9150,215-9170,400-9190,400-9160B



212-9170

Spa Rotating Therapy Massage Fittings

Part No.	Description	Color	Case Weight	Case Quantity	List (US $)
212-9170	Pulsator - 1 ½" MPT *(fits 1 ½" FPT wall fittings)*	White	4.32 lbs.	50	31.15
212-9171	Pulsator - 1 ½" MPT *(fits 1 ½" FPT wall fittings)*	Black	4.32 lbs.	50	31.15
212-9172	Pulsator - 1 ½" MPT *(fits 1 ½" FPT wall fittings)*	Bone	4.32 lbs.	50	31.15
212-9177	Pulsator - 1 ½" MPT *(fits 1 ½" FPT wall fittings)*	Gray	4.32 lbs.	50	31.15
212-9179-BEI	Pulsator - 1 ½" MPT *(fits 1 ½" FPT wall fittings)*	Beige	4.32 lbs.	50	31.15
212-9179-DKG	Pulsator - 1 ½" MPT *(fits 1 ½" FPT wall fittings)*	Dark Gray	4.32 lbs.	50	31.15
210-3247	10 GPM Hand-Held Jet with Stainless Steel Trim - 1 ½" MPT *(fits 1 ½" FPT)*	Gray	11.07 lbs.	5	85.34

Fittings / **Return Fittings**



400-9180



400-9190

Plaster Plug



400-9190P



400-9390



550-9230

Return Fittings

Part No.	Description	Color	Case Weight	Case Quantity	List (US $)
400-9180	Econ 1" Return Fitting Insider Inlet *(fits inside 1" pipe)*	White	7.23 lbs.	100	6.90
400-9181	Econ 1" Return Fitting Insider Inlet *(fits inside 1" pipe)*	Black	7.23 lbs.	100	6.90
400-9187	Econ 1" Return Fitting Insider Inlet *(fits inside 1" pipe)*	Gray	7.23 lbs.	100	6.90
400-9189-DKG	Econ 1" Return Fitting Insider Inlet *(fits inside 1" pipe)*	Dark Gray	7.23 lbs.	100	6.90
400-9190	Flush Mount Return Fitting 1" Socket *(fits inside 1 ½" pipe)*	White	16.13 lbs.	100 (bulk)	13.59
400-9191	Flush Mount Return Fitting 1" Socket *(fits inside 1 ½" pipe)*	Black	16.13 lbs.	100 (bulk)	13.59
400-9197	Flush Mount Return Fitting 1" Socket *(fits inside 1 ½" pipe)*	Gray	16.13 lbs.	100 (bulk)	13.59
400-9199-DKG	Flush Mount Return Fitting 1" Socket *(fits inside 1 ½" pipe)*	Dark Gray	16.13 lbs.	100 (bulk)	13.59
400-9199-BEI	Flush Mount Return Fitting 1" Socket *(fits inside 1 ½" pipe)*	Beige	16.13 lbs.	100 (bulk)	13.59
400-9190P	Flush Mount Return Fitting with Plaster Plug 1" Socket *(fits inside 1 ½" pipe)*	White	27 lbs.	220 (bulk)	14.17
400-9191P	Flush Mount Return Fitting with Plaster Plug 1" Socket *(fits inside 1 ½" pipe)*	Black	27 lbs.	220 (bulk)	14.17
400-9197P	Flush Mount Return Fitting with Plaster Plug 1" Socket *(fits inside 1 ½" pipe)*	Gray	27 lbs.	220 (bulk)	14.17
400-9199P-DK	Flush Mount Return Fitting with Plaster Plug 1" Socket *(fits inside 1 ½" pipe)*	Dark Gray	27 lbs.	220 (bulk)	14.17
400-9390	Flush Mount Return Fitting 1 ½" Socket	White	38.95 lbs.	190	13.59
400-9397	Flush Mount Return Fitting 1 ½" Socket	Gray	38.95 lbs.	190	13.59
400-9390P	Flush Mount Return Fitting with Plaster Plug 1 ½" Socket	White	43.68 lbs.	180	14.12
400-9397P	Flush Mount Return Fitting with Plaster Plug 1 ½" Socket	Gray	43.68 lbs.	180	14.12
550-9230	Self-Aligning Return Fitting ¾" Eye (fits inside 1 ½" pipe)	White	6.42 lbs.	100 (indiv.)	8.68
550-9231	Self-Aligning Return Fitting ¾" Eye (fits inside 1 ½" pipe)	Black	6.42 lbs.	100 (indiv.)	8.68
550-9237	Self-Aligning Return Fitting ¾" Eye (fits inside 1 ½" pipe)	Gray	6.42 lbs.	100 (indiv.)	8.68
550-9239-DKG	Self-Aligning Return Fitting ¾" Eye (fits inside 1 ½" pipe)	Dark Gray	6.42 lbs.	100 (indiv.)	8.68
550-9240	Self-Aligning Return Fitting 1" Eye (fits inside 1 ½" pipe)	White	8 lbs.	100 (bulk)	8.68
550-9247	Self-Aligning Return Fitting 1" Eye (fits inside 1 ½" pipe)	Gray	8 lbs.	100 (bulk)	8.68
550-9249-DKG	Self-Aligning Return Fitting 1" Eye (fits inside 1 ½" pipe)	Dark Gray	8 lbs.	100 (bulk)	8.68

Gunite Jets / **Gunite Venturi Tees**


212-3330


212-3350


212-3450


212-3470


212-3300


212-3370


212-3510

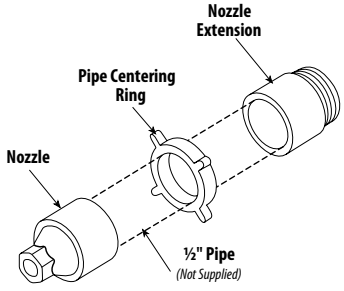

217-3340


217-3330


421-3350


210-3330


212-3360




217-3320


212-3310

Gunite Venturi Tees

Part No.	Description	Orifice	GPM	Case Weight	Case Quantity	List (US $)
212-3330*	10" Tee - 1 ½" S x ½" S - ¾" Spigot x 1 ½" Spigot	7/16"	17-20	32 lbs.	50 (2/bag)	16.01
212-3340*	10" Tee - 1 ½" S x ½" S - 1" Spigot x 1 ½" Spigot	7/16"	17-20	32.26 lbs.	50 (2/bag)	16.01
212-3350*	10" Tee - 1 ½" S x ½" S - 1" Spigot x 1 ½" Spigot	5/16"	10-12	32 lbs.	50 (2/bag)	16.01
212-3440	Tee with Nozzle - 1 ½" S / 2" Spigot x ¾" S / 1" Spigot	7/16"	17-20	18.30 lbs.	50	6.20
212-3450	Tee with Nozzle - 1 ½" S / 2" Spigot x ¾" S / 1" Spigot	¼"	7-9	18 lbs.	50	6.20
212-3470	Tee with Nozzle - 1 ½" S / 2" Spigot x ½" S / 1" Spigot	7/16"	17-20	8 lbs.	50	6.20
212-3300	Gunite Double Tee Body Assembly - 1 ½" Spigot	5/16"	10-12	27.18 lbs.	45	17.44
212-3360	Nozzle Extension Kit for #7 Tee	3/8"	14-16	5.82 lbs.	200	6.12
212-3370	Gunite Double Tee Body Assembly - 1 ½" S	5/16"	10-12	24.77 lbs.	40	17.44
212-3500	Tee Jet Insert Assembly - ¼"	¼"	7-9	17.55 lbs.	50	8.75
212-3510	Tee Jet Insert Assembly - 7/16"	7/16"	17-20	17.55 lbs.	50	8.75
217-3340	4" Nozzle *(included with 10" Tee)*	7/16"	17-20	6.76 lbs.	125	2.53
217-3330	Venturi Tee Nozzle - 7/16"	7/16"	17-20	5.09 lbs.	400	2.05
217-3350	Venturi Tee Nozzle - ¼"	¼"	7-9	6.19 lbs.	400	2.05
421-3350	Orifice Reducer *(fits inside 7/16" orifice)*	3/8"	14-16	1.00 lbs.	300	0.69
210-3330	Venturi Tee #7 - 1" S x 1" Spigot - ¾" S *(#7 nozzle included - not sold separately)*	3/8"	14-16	11.70 lbs.	70	4.33
217-3320	Gunite Venturi Tee Standard Nozzle - 5/16"	5/16"	--	16.93 lbs.	1250	2.05
212-3310	Nozzle Extension Kit *(fits all Gunite Venturi Tees except #7 Tee)*	5/16"	10-12	8.79 lbs.	180	6.12

** 4" nozzle and 3/8" orifice reducer included*



210-4100



210-4120



210-4130

Hydro Gunite Spa Jets

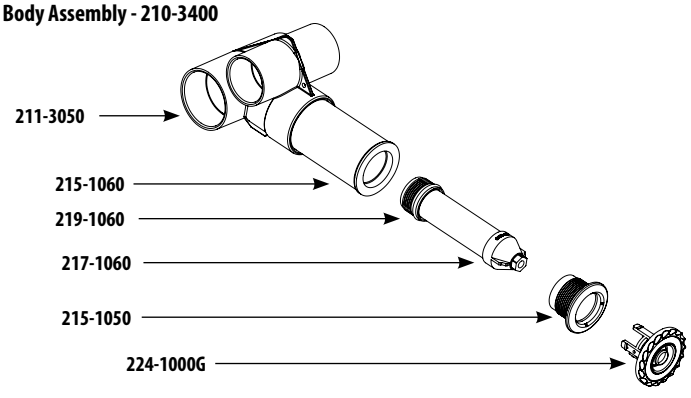
Part No.	Description	Case Weight	Case Quantity	List (US $)
210-4100	Hydro Gunite Jet Body - 1 ½" S x 1 ½" S x 2" FPT	28 lbs.	30	17.18
210-4110	Hydro Gunite Jet Body - 1 ½" S x 1 ½" S x 1 ½" S	28.45 lbs.	30	17.18
210-4120	Directional Eye - 1 ½" S x 1 ½" S - White *(also for fiberglass)*	28 lbs.	50	26.64
210-4130	Roto Eye - 1 ½" S x 1 ½" S - White *(also for fiberglass)*	28 lbs.	24	53.12

For Return Fittings, see page 76.



224-1000G

Complete Tee Body Assembly - 210-3400



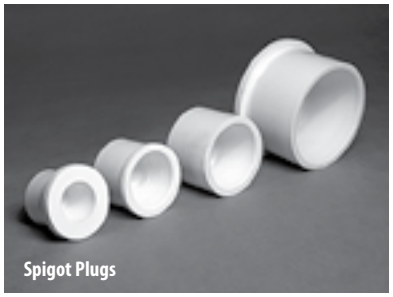
Mini Gunite Body Assembly

Part No.	Description	Color	Case Weight	Case Quantity	List (US $)
210-3400	Complete Tee Body Assembly	White	22.74 lbs.	20	36.42
211-3050	Tee Body Only - 2" S x 1 ½" S	White	22.34 lbs.	25	16.66
215-1060	Gunite Wall Fitting	White	8.24	150	6.09
219-1060	Gunite Retainer Ring	White	4.33	160	2.89
217-1060	Gunite Nozzle	White	10.38	500	3.04
215-1050	Eyeball Wall Fitting	White	30.05 lbs.	500	6.09

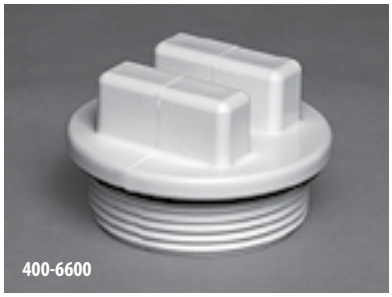
Mini Gunite Jet Internals

Part No.	Type	Style	Color	Case Quantity	List (US $)
224-1000G	Directional	Scalloped	White	50	11.39
224-1001G	Directional	Scalloped	Black	50	11.39
224-1007G	Directional	Scalloped	Gray	50	11.39

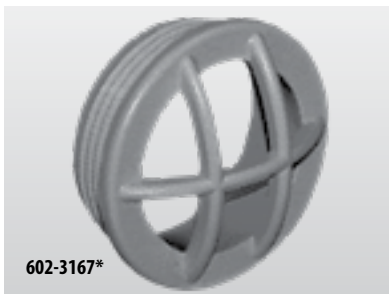
Gunite Jets / **Miscellaneous Plugs and Grate Inserts**


Spigot Plugs


400-4140


400-6600


715-1230


602-3167*

Plugs, Grate Inserts, and Vac Lock Fittings

Part No.	Description	Color	Case Weight	Case Quantity	List (US $)
715-0000	Plug - ½" Spigot	White	16.6 lbs.	800	1.17
715-9890	Plug - ¾" Spigot	White	19.71 lbs.	600	1.20
715-2000	Plug - 1" Spigot	White	7.16 lbs.	200	1.26
715-4000	Plug - 1 ½" Spigot	--	7.67	100	1.94
715-9880	Plug - 2" Spigot	White	16.16 lbs.	100	2.56
400-4140	Flush Plug - 1 ½" MPT with Gasket	White	6.16 lbs.	150 (indiv.)	2.79
400-4141	Flush Plug - 1 ½" MPT with Gasket	Black	6.16 lbs.	150 (indiv.)	3.09
400-4147	Flush Plug - 1 ½" MPT with Gasket	Gray	6.16 lbs.	150 (indiv.)	3.09
400-4149-BEI	Flush Plug - 1 ½" MPT with Gasket	Beige	6.16 lbs.	150 (indiv.)	3.09
400-6600	Universal Plug - 1 ½" MPT with O-Ring	White	9.32 lbs.	100 (indiv.)	2.79
400-6601	Universal Plug - 1 ½" MPT with O-Ring	Black	9.32 lbs.	100 (indiv.)	2.79
400-6600-100	Universal Plug - 1 ½" MPT with O-Ring	White	8.91 lbs.	100 (bulk)	2.32
400-6601-100	Universal Plug - 1 ½" MPT with O-Ring	Black	8.91 lbs.	100 (bulk)	2.32
400-6650	Universal Plug - 2" NPT with O-Ring	White	12.44 lbs.	100	3.51
400-6651	Universal Plug - 2" NPT with O-Ring	Black	12.44 lbs.	100	3.51
715-1230	Plug - 1 ½" NPT	White	14.42 lbs.	240 (bulk)	2.12
715-9910	Plug - 2" NPT	White	13.89 lbs.	150	2.67
602-3160*	Grate Insert - 1 ½" MPT	White	3.69	140	4.04
602-3161*	Grate Insert - 1 ½" MPT	Black	3.69	140	4.72
602-3167*	Grate Insert - 1 ½" MPT	Gray	3.69	140	4.72
602-3160B*	Grate Insert - 1 ½" MPT	White	--	--	4.76
602-3161B*	Grate Insert - 1 ½" MPT	Black	--	--	5.40
602-3167B*	Grate Insert - 1 ½" MPT	Gray	--	--	5.51

** Do not use as a suction cover*

Gunite Jets / **Mini Storm Thread-In Gunite Jets**

Directional / Twirl
Steady Stream / Stationary Eyeball

Roto
Adjustable Rotating Stream

Twin Roto
Rotating Dual Stream

Pulse Massage
Pulsating Stream

Galaxy
Gentle Shower

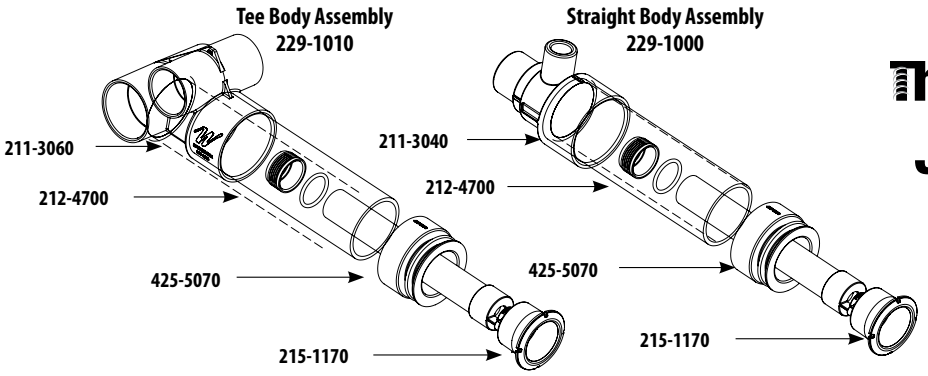
Multi Massage
Multi-Shower

Rifled
Enhanced Steady Stream

Twister
Adjustable Rotating Stream

Acupressure
Pressure Ball

Shower
Pressure Ball



Thread-in Gunite Jets

Mini Storm Thread-In Spa Jets

Part No.	Description	Color	Case Weight	Case Qty	List (US $)
229-1000	Mini Gunite Straight Body Assy. - ½" S, 1" SP x 1" S, ½" SP - Threaded Ring & Niche	White	32.08	30	20.12
229-1010	Mini Gunite Tee Body Assy. - 1 ½" S Air x 2" S Water - Threaded Ring & Niche		31.50	30	20.12
215-1170	Wall Fitting - Mini Storm Gunite Threaded		4.04	20	5.21
425-5070	Mini Gunite Jet Niche Adapter	White	7.93	40	6.76
425-5071	Mini Gunite Jet Niche Adapter	Black	7.93	40	6.76
425-5077	Mini Gunite Jet Niche Adapter	Gray	7.93	40	6.76
211-3040	Mini Gunite Poly and Power Straight Jet Body - 1" Spigot x 1 ½" Spigot		30.0	50	15.91
211-3060	Mini Gunite Poly and Power Tee Jet Body - 1 ½" Air x 2" Water		20.75	50	15.91
212-4700	Gunite Retainer Ring Assembly (with O-ring)		15.20	2000	3.85

** 1" and 2 ½" pipes not included*

Thread-in Gunite Jets


229-7927


229-7957


229-7937


229-7807

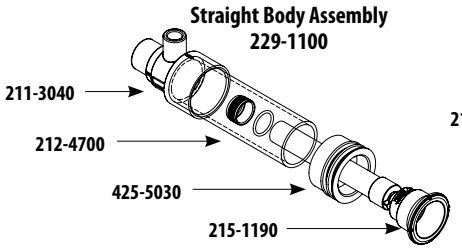

218-1960A
For Mini & Poly Jets

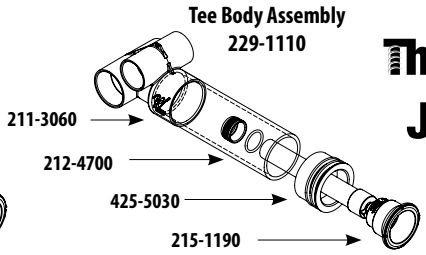
Storm Jets - 5-Scallop

Part No.	Jet Type	Eyeball	Size	Style	Case Qty.	List (US $)
229-7920	Mini-Storm	Directional	3"	Smooth	250	10.87
229-7930	Mini-Storm	Roto	3"	Smooth	250	13.61
229-7950	Mini-Storm	Twin Roto	3"	Smooth	250	14.58
229-0030	Mini-Storm	Pulse Massage	3"	Smooth	250	16.15
218-1960A	Air Pipe Measuring Tool				60	7.86

See our wide variety of Thread-in Spa Jets in the Spa section of our catalog pages 120-147

Products shown may be covered under patents US8458825 , CA2644557 , 5920925 .





Thread-in Gunite Jets

Poly Storm Thread-In Gunite Body Assemblies

Part No.	Description	Color	Case Weight	Case Quantity	List (US $)
229-1100	Straight Body Assembly - 1" Spigot Air x 1 ½" Spigot Water – Niche	White	32.81 lbs.	30	22.34
229-1101	Straight Body Assembly - 1" Spigot Air x 1 ½" Spigot Water – Niche	Black	32.81 lbs.	30	22.34
229-1107	Straight Body Assembly - 1" Spigot Air x 1 ½" Spigot Water – Niche	Gray	32.81 lbs.	30	22.34
229-1110	Tee Body Assembly - 1 ½" S Air x 2" S Water - Threaded Ring and Niche	White	22.67 lbs.	15	22.34
229-1111	Tee Body Assembly - 1 ½" S Air x 2" S Water - Threaded Ring and Niche	Black	22.67 lbs.	15	22.34
229-1117	Tee Body Assembly - 1 ½" S Air x 2" S Water - Threaded Ring and Niche	Gray	22.67 lbs.	15	22.34
211-3040	Straight Body Only	White	30.8 lbs.	50	15.91
211-3060	Tee Body Only	White	20.75 lbs.	20	15.91
212-4700	Threaded Retainer Ring with O-Ring	White	15.20 lbs.	500	3.85
425-5030	Poly Gunite Jet Niche Adapter	White	6.17 lbs.	30	6.76
215-1190	Wall Fitting	White	21.84 lbs.	100	5.21
215-1191	Wall Fitting	Black	21.84 lbs.	100	5.21
215-1197	Wall Fitting	Gray	21.84 lbs.	100	5.21

** 1" and 2 ½" pipes not included*

5-Scallop



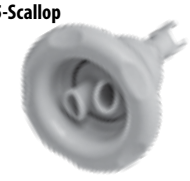
229-8050

6-Spoke



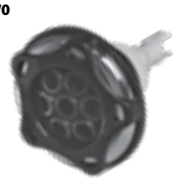
229-8579DSG-1S

5-Scallop



229-8120

Revo



229-3289DSG-1S



Poly Storm Hand Held Thread-In
229-3350

Poly Storm Gunite Jet Internals

Part No.	Type	Style	Color	Case Quantity	List (US $)
229-8050	Directional	5-Scallop	White	130	14.31
229-8051	Directional	5-Scallop	Black	130	14.31
229-8057	Directional	5-Scallop	Gray	130	14.31
229-8051-DK	Directional	5-Scallop	Dark Gray	130	14.31
229-8051-BEI	Directional	5-Scallop	Beige	130	14.31
229-8010	Roto	5-Scallop	White	150	18.03
229-8011	Roto	5-Scallop	Black	150	18.03
229-8017	Roto	5-Scallop	Gray	150	18.03
229-8011-DK	Roto	5-Scallop	Dark Gray	150	18.03
229-8011-BEI	Roto	5-Scallop	Beige	150	18.03
229-8120	Twin Roto	5-Scallop	White	130	18.03
229-8121	Twin Roto	5-Scallop	Black	130	18.03
229-8127	Twin Roto	5-Scallop	Gray	130	18.03
229-8121-DK	Twin Roto	5-Scallop	Dark Gray	130	18.03
229-8121-BEI	Twin Roto	5-Scallop	Beige	130	18.03
229-8030	Pulse Massage	5-Scallop	White	130	20.51
229-8031	Pulse Massage	5-Scallop	Black	130	20.51
229-8037	Pulse Massage	5-Scallop	Gray	130	20.51
229-8031-DK	Pulse Massage	5-Scallop	Dark Gray	130	20.51
229-8031-BEI	Pulse Massage	5-Scallop	Beige	130	20.51

For 6-Spoke & Revo, refer to pages 138 -143. See our wide variety of Thread-In Spa Jets in the Spa section of our catalog on pages 120-147

Products shown may be covered under patents US8458825 , CA2644557 , 5920925 , D574964 , D591863.

Directional / Twirl
Steady Stream / Stationary Eyeball

Roto
Adjustable Rotating Stream

Twin Roto
Rotating Dual Stream

Pulse Massage
Pulsating Stream

Galaxy
Gentle Shower

Multi Massage
Multi-Shower

Rifled
Enhanced Steady Stream

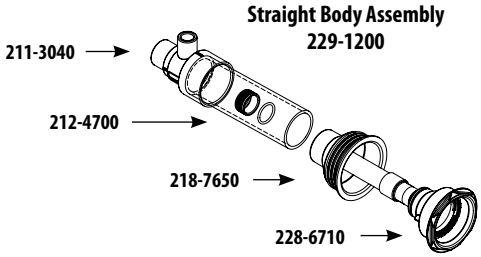
Twister
Adjustable Rotating Stream

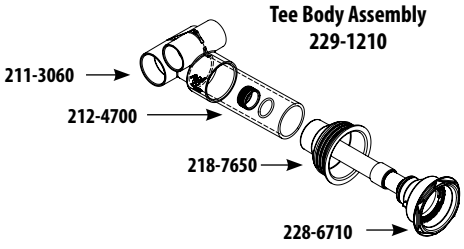
Acupressure
Pressure Ball

Shower
Pressure Ball

Gunite Jets / **Power Storm Thread-In Gunite Jets**

Thread-in Gunite Jets





Power Storm Thread-In Gunite Body Assemblies

Part No.	Description	Color	Case Weight	Case Quantity	List (US $)
229-1200	Straight Body Assembly - 1" Spigot Air x 1 ½" Spigot Water	White	24 lbs.	12	38.42
229-1210	Tee Body Assembly - 1 ½" S Air x 2" S Water	White	24 lbs.	12	38.42
211-3040	Straight Body Only	White	30.8 lbs.	50	15.91
211-3060	Tee Body Only	White	20.75 lbs.	20	15.91
212-4700	Threaded Retainer Ring with O-Ring	White	15.20 lbs.	500	3.85
218-7650	Plaster Niche	White	17.34	50	10.62
218-7657	Plaster Niche	Gray	17.34	50	11.75
228-6710	Wall Fitting, Thread-in	White	20.80 lbs.	40	8.99

** 1" and 2 ½" pipes not included*


229-7740G


229-7630G


229-7600G


229-7610G


229-6437G


229-7757G


218-1960A

Power Storm Thread-In Gunite Internals

Part No.	Type	Style	Color	Case Weight	Case Quantity	List (US $)
229-6437G	Galaxy	5-Scallop	Gray	15 lbs.	50	34.64
229-7630G	Directional	5-Scallop	White	18 lbs.	50	18.03
229-7631G	Directional	5-Scallop	Black	18 lbs.	50	18.03
229-7637G	Directional	5-Scallop	Gray	18 lbs.	50	18.03
229-7600G	Roto	5-Scallop	White	20 lbs.	50	23.60
229-7601G	Roto	5-Scallop	Black	20 lbs.	50	23.60
229-7607G	Roto	5-Scallop	Gray	20 lbs.	50	23.60
229-7610G	Twin Roto	5-Scallop	White	20 lbs.	50	23.60
229-7611G	Twin Roto	5-Scallop	Black	20 lbs.	50	23.60
229-7617G	Twin Roto	5-Scallop	Gray	20 lbs.	50	23.60
229-7740G	Pulse Massage	5-Scallop	White	20 lbs.	50	34.64
229-7741G	Pulse Massage	5-Scallop	Black	20 lbs.	50	34.64
229-7747G	Pulse Massage	5-Scallop	Gray	20 lbs.	50	34.64
229-7757G	Hand-Held Jet - 10 GPM	5-Scallop	Gray	15.18 lbs.	10	132.31
218-1960A	Air Pipe Measuring Tool			7.03	25	7.63

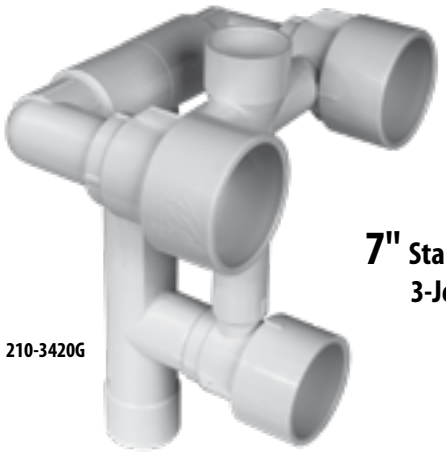
Products shown may be covered under patents US8458825 , CA2644557 , 5920925 .

Thread-in Gunite Jets



210-3410G

9" Deep Seat Gunite 3-Jet Manifold



210-3420G

7" Standard Seat Gunite 3-Jet Manifold

FEATURES:

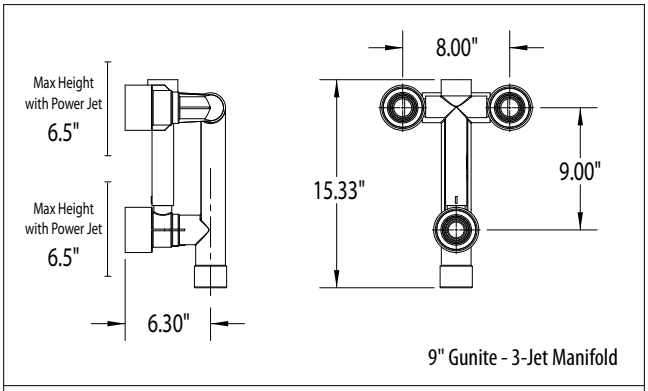
- Pre-Plumbed Air and Water Connections: one connection for water and one for air for all three jets
- All three jet bodies accommodate Waterway's popular Poly Storm Gunite or Power Storm Gunite jets
- 2" Spigot fitting for water
- 1 ½" S fitting for air
- Saves time and money



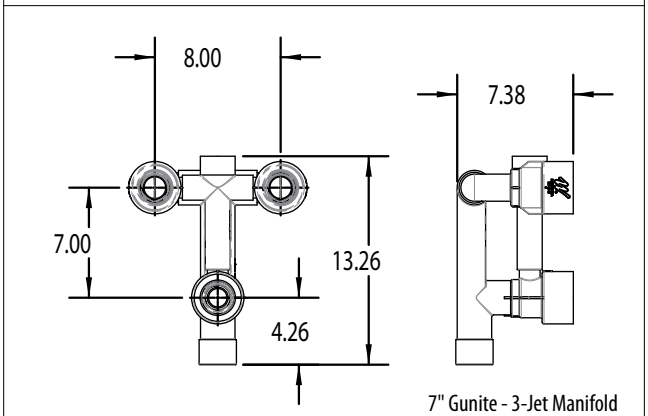
SUGGESTED 3-JET MANIFOLD JET PART NUMBERS *(sold separately)*:

2 Poly Storm Jets, 1 Power Storm Jet:

3 Retainer Rings (212-4700), 2 Poly Wall Fittings (215-119x), 2 Poly Niches (425-503x)
1 Power Wall Fitting (228-671x), 1 Power Niche (218-765x)
Replace "x" with the color of your choice: White (0), Gray (7).



9" Gunite - 3-Jet Manifold



7" Gunite - 3-Jet Manifold

3-Jet Thread-In Manifold - Power Seat

Part No.	Description	Color	Case Weight	Case Quantity	List (US $)
210-3410G	9" Gunite Power Seat Kit - 3-Jet Manifold for Poly and Power Storm	White	15.22 lbs.	4	330.67
210-3420G	7" Gunite Power Seat Kit - 3-Jet Manifold for Poly and Power Storm	White	--	--	286.61

Note: *Products shown may be covered under patents US8458825 , CA2644557 , 5920925 , D574964 , D591863 or pending patent.*

Gunite Jets / **Thread-In Gunite Jets Internals 6 Spoke**

Directional / Twirl
Steady Stream / Stationary Eyeball

Roto
Adjustable Rotating Stream

Twin Roto
Rotating Dual Stream

Pulse Massage
Pulsating Stream

Galaxy
Gentle Shower

Multi Massage
Multi-Shower

Rifled
Enhanced Steady Stream

Twister
Adjustable Rotating Stream

Acupressure
Pressure Ball

Shower
Pressure Ball

Thread-in Gunite Jets



Poly Storm Twin



Mini-Storm Rifled

Power Storm Thread-In Gunite Internals

Part No.	Jet Type	Eyeball	Size	Style	Case Qty.	List (US $)
229-8630S	Mini-Storm	Directional	3 5/16"	Plastic / Stainless Steel	180	20.51
229-8640S	Mini-Storm	Roto	3 5/16"	Plastic / Stainless Steel	200	24.23
229-8650S	Mini-Storm	Twin Roto	3 5/16"	Plastic / Stainless Steel	200	24.23
229-8660S	Mini-Storm	Pulse Massage	3 5/16"	Plastic / Stainless Steel	200	25.77
229-8670S	Mini-Storm	Galaxy	3 5/16"	Plastic / Stainless Steel	200	20.51
229-8700S	Mini-Storm	Multi-Massage	3 5/16"	Plastic / Stainless Steel	200	20.51
229-0180S	Mini-Storm	Rifled	3 5/16"	Plastic / Stainless Steel	180	20.51
229-9520S	Mini-Storm	Twister	3 5/16"	Plastic / Stainless Steel	180	24.23
229-8590S	Poly Storm	Directional	3 5/8"	Plastic / Stainless Steel	100	29.21
229-8570S	Poly Storm	Roto	3 5/8"	Plastic / Stainless Steel	100	32.92
229-8580S	Poly Storm	Twin Roto	3 5/8"	Plastic / Stainless Steel	100	32.92
229-3200S	Poly Storm	Pulse Massage	3 5/8"	Plastic / Stainless Steel	100	35.41
229-3210S	Poly Storm	Galaxy	3 5/8"	Plastic / Stainless Steel	100	29.21
229-3220S	Poly Storm	Galaxy Massage	3 5/8"	Plastic / Stainless Steel	100	35.41
229-3240S	Poly Storm	Multi-Massage	3 5/8"	Plastic / Stainless Steel	100	29.21
224-5710S	Poly Storm	Acupressure	3 5/8"	Plastic / Stainless Steel	65	32.92
229-1930S	Poly Storm	Rifled	3 5/8"	Plastic / Stainless Steel	100	29.21
229-9620S	Poly Storm	Twister	3 5/8"	Plastic / Stainless Steel	100	32.92
229-7570SG	Power Storm	Directional	5 ¼"	Plastic / Stainless Steel	45	34.18
229-7580SG	Power Storm	Twirl	5 ¼"	Plastic / Stainless Steel	45	34.18
229-7550SG	Power Storm	Roto	5 ¼"	Plastic / Stainless Steel	45	39.75
229-7560SG	Power Storm	Twin Roto	5 ¼"	Plastic / Stainless Steel	45	39.75
229-7590SG	Power Storm	Pulse Massage	5 ¼"	Plastic / Stainless Steel	45	44.72
229-7250SG	Power Storm	Multi-Massage	5 ¼"	Plastic / Stainless Steel	45	34.18
224-6700S	Power Storm	Acupressure	5 ¼"	Plastic / Stainless Steel	45	39.75
229-7700SG	Power Storm	Twister	5 ¼"	Plastic / Stainless Steel	45	39.75
229-1980SG	Power Storm	Rifled	5 ¼"	Plastic / Stainless Steel	45	34.18

Note: *All part numbers are for the new thread-in style jet internals*
• To order snap-in internals; change the part number prefix to 212-xxxx

All 6-Spoke Storm Jets are available as Plastic / Stainless Steel or Two-Tone Plastic. Please call for Two-Tone Plastic part numbers and colors.

See our wide variety of Thread-in Spa Jets in the Spa section of our catalog pages 120-147

Note: *Products shown may be covered under patents US8458825 , CA2644557 , 5920925 , D574964 .*

FEATURES:

- Perfect for custom swim spa installations



210-3920G



210-7350

Gunite Old Faithful Jet

Part No.	Description	Color	Case Weight	Case Quantity	List (US $)
210-3920G	O/F Dir Strt Gunite - 2" S x ½" S W - 175 GPM & 90 GPM	White	10.35 lbs.	6	44.62
210-7350	O/F Vinyl Liner - 90˚ Body - 2" S x ½" S W - 175 GPM & 90 GPM	White	10.35 lbs.	6	50.34

***Note:** Replace the final x in the part number with the color of your choice, "x" = 0 - white, 1 - black, 7 - gray*

Vinyl Liner Old Faithful Jet

Part No.	Description	Color	Case Weight	Case Quantity	List (US $)
210-3950	O/F Vinyl Liner - 90˚ Body - 2" S x ½" S W - 175 GPM & 90 GPM	White	30.05 lbs.	500	65.65
210-3970	O/F Vinyl Liner - 2" S x ½" S W - 175 GPM & 90 GPM	White	30.05 lbs.	500	68.93

***Note:** Replace the final x in the part number with the color of your choice, "x" = 0 - white, 1 - black, 7 - gray*



400-9090

Vinyl Liner Poly Storm Body

Part No.	Description	Color	Case Weight	Case Quantity	List (US $)
400-9090	Vinyl Liner Poly Storm Body - Threaded (insert not included)	White	30.51 lbs.	50	29.03

***Note:** Replace the final x in the part number with the color of your choice, "x" = 0 - white, 1 - black, 7 - gray*
***Note:** Poly Internals available on pgs. 81, 84, 116-143*



229-1320

Fiberglass Poly Storm Body

Part No.	Description	Color	Case Weight	Case Quantity	List (US $)
229-1320	Fiberglass Poly Storm Body	White	--	--	14.17

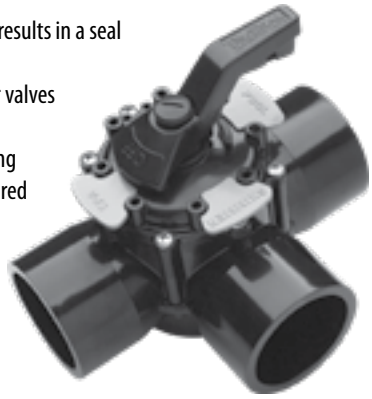
***Note:** Replace the final x in the part number with the color of your choice, "x" = 0 - white, 1 - black, 7 - gray*
***Note:** Poly Internals available on pgs. 81, 84, 116-143*

Pool Valves / **TruSeal Diverter Valves / Swing Check Valves / 3" Check Valve**

Waterway positive seal diverter valves have been designed for the most demanding applications. The TruSeal Valve is loaded with features and there is not a longer warranty in the industry.

FEATURES:

- Diverter valve seal is Teflon laminated silicone
- Unique manufacturing process called TruSeal results in a seal that never needs lubrication
- TruSeal Valves have deeper sockets than other valves providing better glue joint bonding
- The exclusive Click & Lock handle has 72 locking positions / points for virtually any setting desired
- Exclusive Flow Labels gives your plumbing a professional look and more value
- Universal shaft spline pattern adapts to most actuators
- Waterway manufacturers all TruSeal Diverter Valves in the USA
- Valve Seal Lifetime Warranty



600-0401



600-7100-CPVC NSF



600-0451-CPVC

TruSeal Diverter Valves

Part No.	Description	List (US $)
600-0401	3-Way - 2 ½" Socket x 3" Spigot	123.55
600-7100-CPVC	3-Way - 2" Socket x 2 ½" Spigot - CPVC	107.93
600-7200-CPVC	3-Way - 1 ½" Socket x 2" Spigot - CPVC	104.78
600-7060-CPVC	2-Way Straight - 2" Socket x 2 ½" Spigot - CPVC	96.83
600-7070-CPVC	2-Way Straight - 1 ½" Socket x 2" Spigot - CPVC	93.65
600-7040-CPVC	2-Way 90° - 2" Socket x 2 ½" Spigot - CPVC	96.83
600-7050-CPVC	2-Way 90° - 1 ½" Socket x 2" Spigot - CPVC	93.65
600-0451	2-Way - 2.5"Socket x 3" Spigot - CPVC	104.73

Waterway Check Valves have a clear lid with union lock ring and a bright seal flapper for easy inspection and quick access. The Waterway Check Valves have the swing design to be used for both return and intake water. CPVC Hi-Temp plastic body which features deeper sockets than others for better glue joints, and is available in a straight body or 90° style.

FEATURES:

- Union Lock Ring allows for easy access - no screw holes to strip out (excludes 600-0111)
- Seal flapper is made of hi-tech thermoplastic polymer
- Corrosion proof pin and stainless steel spring
- Reversible flow
- CPVC body for most demanding applications
- Low Back Pressure and High Flow characteristics make it perfect for hydraulically demanding applications



3" TruSeal Check Valve 600-0111



600-7000 NSF

600-7010 NSF

Waterway's NEW 3" TruSeal Check Valve has a clear lid with union lock ring and bright blue seal flapper for quick access and easy inspection. The spring/swing design can be used for both return and intake water. CPVC Hi-Temp plastic bodies features deeper sockets for better glue joints.

TruSeal Swing Check Valves & 3" Check Valve

Part No.	Description	Case Weight (lbs.)	Case Quantity	List (US $)
600-7010	2" Socket x 2 ½" Spigot - Straight Body - CPVC	33.60	20	76.85
600-7030	1 ½" Socket x 2" Spigot - Straight Body - CPVC	30.08	20	73.84
600-7000	2" Socket x 2 ½" Spigot - 90° Body - CPVC	23.09	18	76.85
600-7020	1 ½" Socket x 2" Spigot - 90° Body - CPVC	23.09	18	73.84
600-0111	2 ½"S / 3"Spigot x 2 ½"S / 3 SPG - ASSY	12.82	--	96.63

FEATURES:

- Durable ABS body
- 7 functions:
  1. Filter
  2. Waste
  3. Backwash
  4. Recirculate
  5. Winterize
  6. Rinse
  7. Closed
- Collar Style retrofits standard sand filter bodies



Collar Style (WVS002)



Split-Nut Style (WVS003)

Easy-glide action and lock-in-place handle simplifies filter maintenance. These valves feature 7 functions with hose fitting for waste water.

Top Mount Sand Filter Valves

Part No.	Description	Weight (lbs.)	List (US $)
WVS002	1 ½" Top-Mount 7-Function Sand Filter Valve - Collar Style (Previous to 2002)	6	166.16
WVS003	1 ½" Top-Mount 7-Function Sand Filter Valve - Split-Nut Style (2002 to Present)	7	166.16

FEATURES:

- Gate valve action
- 1 ½" buttress union on one side and 1 ½" smooth hose on the other
- 3/8" barbed fitting to accommodate offline chlorinators
- Internals are all corrosion-resistant plastics



417-4161



WV001H

Designed to isolate the above-ground pool system to aid in maintenance and service, No-Flo gate-style valves install easily. The valve features a ⅜" barbed fitting to accommodate an offline chlorinator.

No-Flo Gate Valves

Part No.	Description	Case Weight	Case Quantity	List (US $)
WV001H	Gate Valve with 1 ½" Union x 1 ½" Hose Adapter	29	35	31.75
417-4161	Union Tailpiece - 1 ½" NPT x 1 ½" (Black)	16	100	5.23
805-0224	O-Ring for 1 ½" Heater Union Tailpiece (417-4161)	--	100	0.60
711-4000	1 ½" Union Gasket	6	500	0.62

WARNING

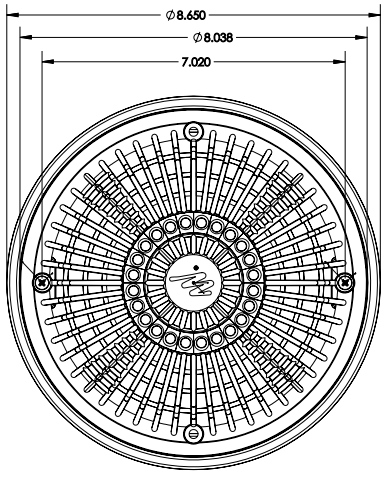
**Read and follow all instructions in the Owner's Manual for the equipment.
Failure to follow instructions can cause injury and/or death.**

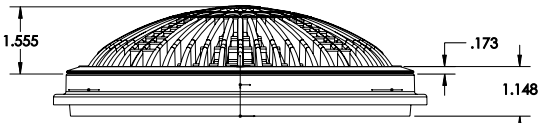
VGB 2008

All Waterway Drains, Grates and Suctions are Listed and Certified and Tested in strict accordance to the requirements of ASME A112.19.8-2007 and ASME A112.19.8a-2008 (as defined in CPSC letter dated April 8, 2011). Compliant to the latest Consumer Safety Product Commission Requirements (CPSC).



640-1800 V





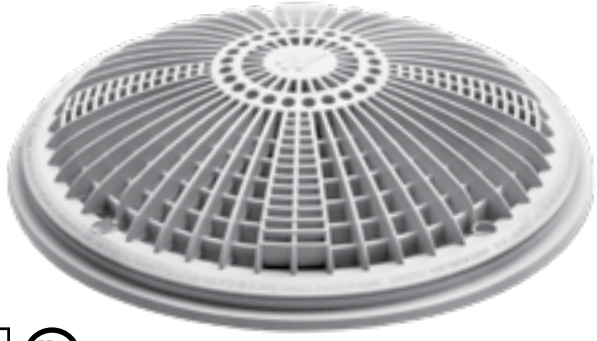
SPECIFICATIONS:

- Total Open Area: 14.8 sq. in.
- Frame Size: 8" Round
- Floor Flow Rate: 153 GPM @ 2.72 ft/sec
- Wall Flow Rate: 96 GPM @ 1.73 ft/sec
- Flow Rate @ 1.5 ft/sec: 68 GPM

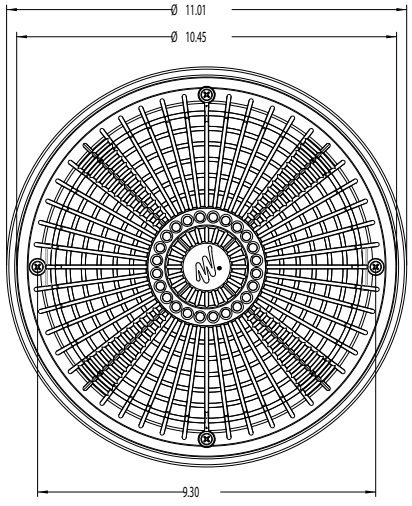
Tru Flo 8" Covers and Frames

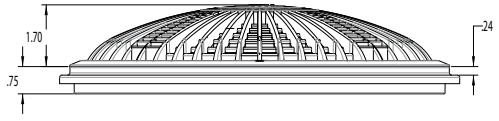
Part No.	Description	Case Weight	Case Quantity	List (US $)
640-180x V	8" Tru Flo Cover & Frame	25.88 lbs.	25	22.40

Replace the final x in the part number with the color of your choice (see page 4 for colors)



640-1900 V





SPECIFICATIONS:

- Total Open Area: 30.9sq.
- Frame Size: 10" Round
- Floor Flow Rate: 200GPM @ 4.04 ft/sec
- Wall Flow Rate: 136 GPM @ 2.24 ft/sec
- Flow Rate @ 1.5 ft/sec: 143 GPM

Tru Flo 10" Covers and Frames

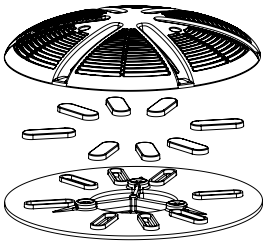
Part No.	Description	Case Weight	Case Quantity	List (US $)
640-190x V	10" Tru Flo Cover & Frame	22.75 lbs.	15	43.66

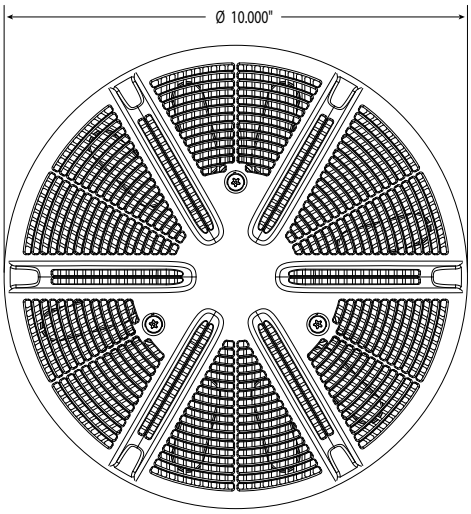
Replace the final x in the part number with the color of your choice (see page 4 for colors)

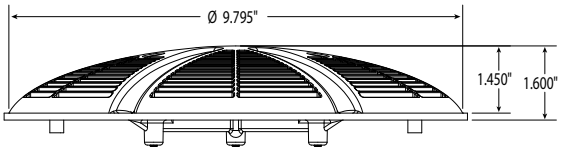


640-2130 V

VGB 2008 NSF







SPECIFICATIONS:

- Total Open Area: 20.4 sq. in.
- Frame Size: 10" Round
- Floor Flow Rate: 224 GPM @ 3.53 ft/sec
- Wall Flow Rate: 192 GPM @ 3.03 ft/sec
- Flow Rate @ 1.5 ft/sec: 95 GPM

10" Ultra-Retro Drains

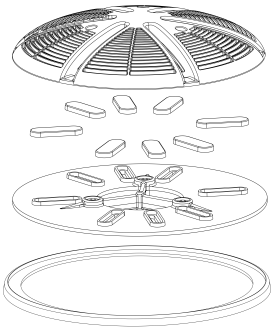
Part No.	Description	Case Weight	Case Quantity	List (US $)
640-213x V	10" Ultra-Retro Drain Suction Outlet	1.91 lbs.	1	91.07

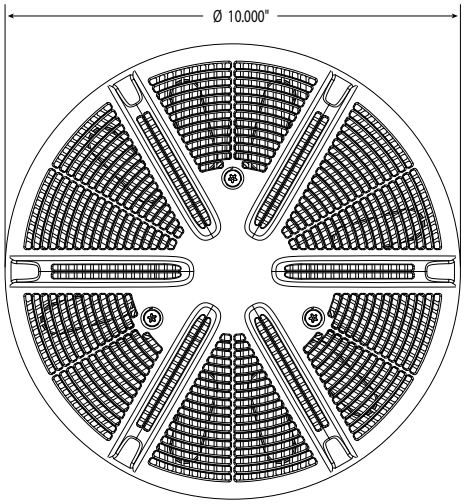
Replace the final x in the part number with the color of your choice (see page 4 for colors).

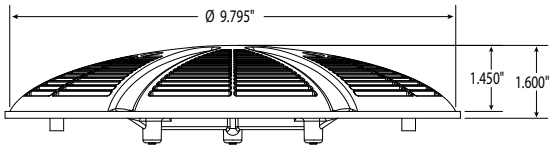


640-2140 V

VGB 2008 NSF







SPECIFICATIONS:

- Total Open Area: 20.4 sq. in.
- Frame Size: 10" Round
- Floor Flow Rate: 224 GPM @ 3.53 ft/sec
- Wall Flow Rate: 192 GPM @ 3.03 ft/sec
- Flow Rate @ 1.5 ft/sec: 95 GPM

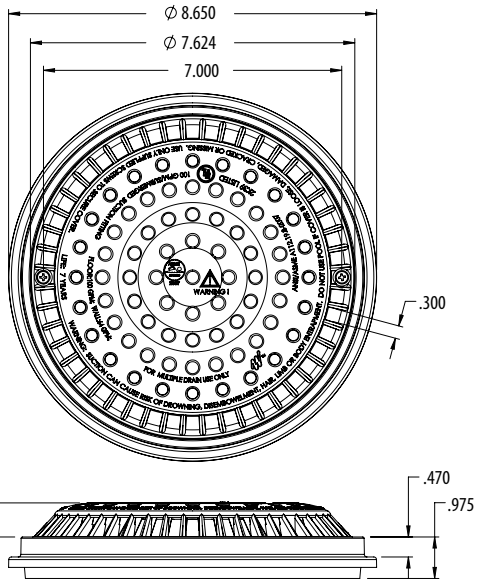
10" Ultra-Retro Drains - Vinyl

Part No.	Description	Case Weight	Case Quantity	List (US $)
640-214x V	10" Ultra-Retro Drain Suction Outlet - Vinyl	2.08 lbs.	1	91.07

Replace the final x in the part number with the color of your choice (see page 4 for colors)



640-2310 V



SPECIFICATIONS:

- Total Open Area: 11.83 sq. in.
- Frame Size: 9" Round
- Floor Flow Rate: 100 GPM @ 2.72 ft/sec
- Wall Flow Rate: 64 GPM @ 1.73 ft/sec
- Flow Rate @ 1.5 ft/sec: 55 GPM

8" Covers and Frames

Part No.	Description	Case Weight	Case Quantity	List (US $)
640-231x V	8" Anti-Vortex Cover & Frame	18.82 lbs.	25	22.85

Replace the final x in the part number with the color of your choice (see page 4 for colors).

FEATURES:

- Improves flow
- Less turbulence
- Optimizes performance





413-2320

Sanitary Tee

Part No.	Description	Case Quantity	List (US $)
413-2320	2 ½" x 2 ½" x 2 ½"	15	20.00

Drains & Suctions / **Concrete Sump Bodies & Assemblies**

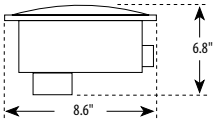

674-2410


674-2500


640-8500 V

VGB 2008

Note: *Always use two or more drains per pump.*



SIDE x BOTTOM

Concrete Bodies and Assemblies - Side x Bottom w/ Plugs

Part No.	Description	Case Quantity	List (US $)
674-2410	8" Sump Body - Concrete - 1 ½" S	3	41.29
674-2500	8" Sump Body - Concrete - 2" FPT	1	41.29
674-2510	8" Sump Body - Concrete - 2" S	7	41.29
640-8300 V	8" Sump Assembly - Concrete - 1 ½" S - with 8" Tru Flo Drain Cover	1	44.29
640-8500 V	8" Sump Assembly - Concrete - 2" S - with 8" Tru Flo Drain Cover	1	44.29
640-8700 V	8" Sump Assembly - Concrete - 2" FPT - with 8" Tru Flo Drain Cover	8	44.29

Replace the final x in the part number with the color of your choice (see page 4 for colors).

FEATURES:

- Meets Florida Building Code
- 8" diameter x 7" deep (8') (plus sockets)


674-2600


640-2400 V


674-2900

VGB 2008

Note: *Always use two or more drains per pump.*

Deep Sump Bodies and Assemblies - Side x Bottom w/ Plugs

Part No.	Description	Case Quantity	List (US $)
674-2610	8" Deep Sump Body - Concrete - 2 ½" S	1	57.80
674-2600	8" Deep Sump Body - Concrete - 2 ½" FPT	1	57.80
640-7410 V	8" Deep Sump Assembly - Concrete - 2 ½" S - with 8" Tru Flo Drain Cover	1	80.65
640-7400 V	8" Deep Sump Assembly - Concrete - 2 ½" FPT - with 8" Tru Flo Drain Cover	1	80.65
674-2710	10" Deep Sump Body - Concrete - 2 ½" S	1	109.80
674-2700	10" Deep Sump Body - Concrete - 2 ½" FPT	1	109.80
674-2910	10" Deep Sump Body - Concrete - 3" S	1	120.78
674-2900	10" Deep Sump Body - Concrete - 3" FPT	1	120.78
640-7510 V	10" Deep Sump Assembly - Concrete - 2 ½" S - with 10" Tru Flo Drain Cover	1	171.12
640-7500 V	10" Deep Sump Assembly - Concrete - 2 ½" FPT - with 10" Tru Flo Drain Cover	1	171.12
640-7610 V	10" Deep Sump Assembly - Concrete - 3" S - with 10" Tru Flo Drain Cover	1	181.02
640-7600 V	10" Deep Sump Assembly - Concrete - 3" FPT - with 10" Tru Flo Drain Cover	1	181.02

Replace the final x in the part number with the color of your choice (see page 4 for colors)



674-2430



674-2530



640-8400 V

Vinyl Liner Sump Bodies & Assemblies - Side x Bottom w/ plugs

Part No.	Description	Case Quantity	List (US $)
674-2430	8" Sump Body - Vinyl - 1 ½" S	1	41.29
674-2420	8" Sump Body - Vinyl - 1 ½" FPT	1	41.29
674-2520	8" Sump Body - Vinyl - 2" S	1	41.29
674-2530	8" Sump Body - Vinyl - 2" FPT	1	41.29
640-8400 V	8" Sump Assembly - Vinyl - 1 ½" S - with 8" Tru Flo Drain Cover	1	55.74
640-8600 V	8" Sump Assembly - Vinyl - 1 ½" FPT - with 8" Tru Flo Drain Cover	1	55.74
640-8800 V	8" Sump Assembly - Vinyl - 2" S - with 8" Tru Flo Drain Cover	1	55.74
640-8900 V	8" Sump Assembly - Vinyl - 2" FPT - with 8" Tru Flo Drain Cover	1	55.74
640-226X V	8" Sump Assembly - Vinyl Liner Tru Flo Cover Kit	1	44.35

VGB 2008

Note: *Always use two or more drains per pump.*

Replace the final x in the part number with the color of your choice (see page 4 for colors)



674-2620

FEATURES:

- Meets Florida Building Code
- 8" diameter x 7" deep (8') (plus sockets)

Vinyl Liner Deep Sump Bodies & Assemblies - Side x Bottom

Part No.	Description	Case Quantity	List (US $)
674-2620	8" Deep Sump Body - Vinyl - 2 ½" S	1	72.83

VGB 2008

Note: *Always use two or more drains per pump.*

Replace the final x in the part number with the color of your choice (see page 4 for colors)

Waterway's wide selection of pool drains and drain covers simplifies installation for new or existing pools and spas. We manufacture our drain bodies in PVC for better glue joints or threaded connections. Always use two or more drains per pump.

FEATURES:

- PVC body (better for slip or threaded sockets)
- Available in 1 ½" or 2" slip sockets
- Collar and cover in white and colors
- Tru Flo Drain Cover UL Listed



674-2450



640-2820 V



640-2340 V



640-1910 V

Tru Flo Drain Cover & Extended Collar



8"



10"

Extended Collar

VGB 2008 UL

Note: *Always use two or more drains per pump.*

Adjustable Collar Sump Bodies & Assemblies

Part No.	Description	Case Qty	List (US $)
674-2450	8" Sump Body - Adjustable Collar - 1 ½" S (Side x Bottom) (For color order w/640-234x V)	1	28.86
674-2550	8" Sump Body - Adjustable Collar - 2" S (Side x Bottom) (For color order w/640-234x V)	1	28.86
674-2560	8" Sump Body - Adjustable Collar - 2" S (Side Only) (For color order w/640-234x V)	1	28.86
640-292x V	8" Sump Assembly - Adjustable Collar - 2" S (Side x Bottom) - w/8" Anti-Vortex Drain Cover/White only	1	52.21
640-234x V	8" Tru Flo Drain Cover and Extended Collar Assembly	1	23.38
640-191x V	10" Tru Flo Drain Cover and Extended Collar Assembly	1	43.43

Replace the final x in the part number with the color of your choice (see page 4 for colors)

FEATURES:

- Meets Florida Building Code
- 8" diameter x 7" deep (8') (plus sockets)



640-7420 V



674-2720



674-2930

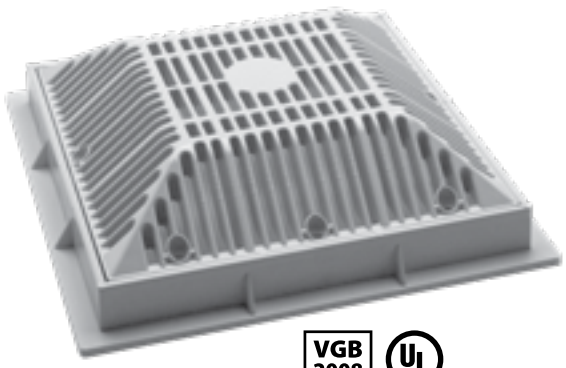
VGB 2008 UL

Note: *Always use two or more drains per pump.*

Adjustable Collar Deep Sump Bodies & Assemblies - Side x Bottom

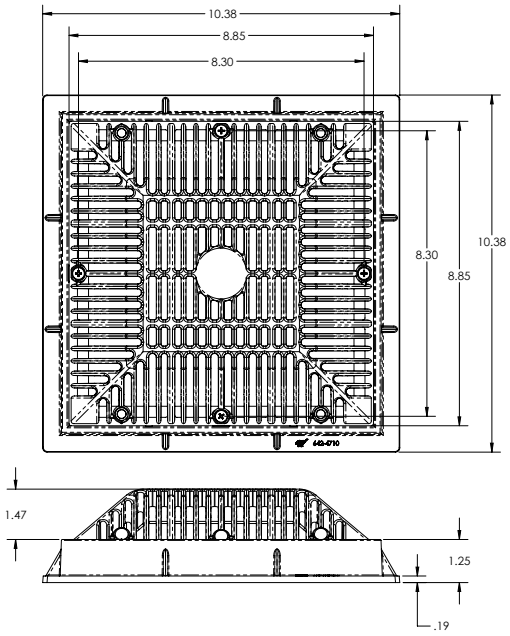
Part No.	Description	Case Qty	List (US $)
674-2640	8" Deep Sump Body - Adjustable Collar - 2 ½" S (For color order w/640-234x V)	1	40.42
640-7420 V	8" Deep Sump Assembly - Adjustable Collar - 2 ½" S - with 8" Tru Flo Drain Cover/White only	1	63.77
674-2720	10" Deep Sump Body - Adjustable Collar - 2 ½" S (For color order w/640-191x V)	1	114.53
674-2730	10" Deep Sump Body - Adjustable Collar - 2 ½" FPT (For color order w/640-191x V)	1	114.53
674-2920	10" Deep Sump Body - Adjustable Collar - 3" S (For color order w/640-191x V)	1	125.97
674-2930	10" Deep Sump Body - Adjustable Collar - 3" FPT (For color order w/640-191x V)	1	125.97
640-722x V	10" Deep Sump Assembly - Adjustable Collar - 2 ½" S - with 10" Tru Flo Drain Cover/White only	1	157.96
640-723x V	10" Deep Sump Assembly - Adjustable Collar - 2 ½" FPT - with 10" Tru Flo Drain Cover/White only	1	157.96
640-732x V	10" Deep Sump Assembly - Adjustable Collar - 3" S - with 10" Tru Flo Drain Cover/White only	1	169.40
640-733x V	10" Deep Sump Assembly - Adjustable Collar - 3" FPT - with 10" Tru Flo Drain Cover/White only	1	169.40

Replace the final x in the part number with the color of your choice (see page 4 for colors)



VGB 2008 UL

640-4790 V



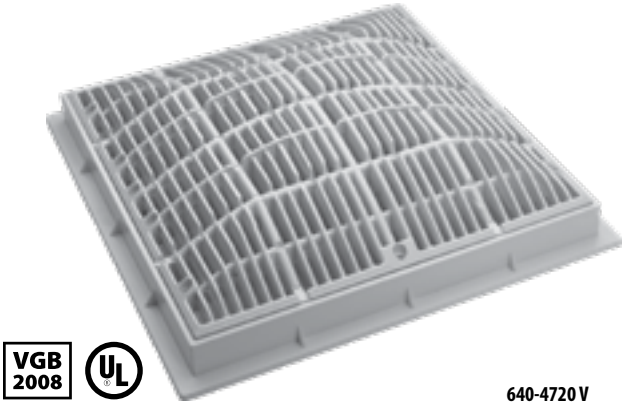
SPECIFICATIONS:

- Total Open Area: 43.6 sq. in.
- Frame Size: 10.375" x 10.375"
- Floor Flow Rate: 289 GPM @ 2.33 ft/sec
- Wall Flow Rate: 208 GPM @ 1.59 ft/sec
- Flow Rate @ 1.5 ft/sec: 203 GPM

9" x 9" Grate and Frame

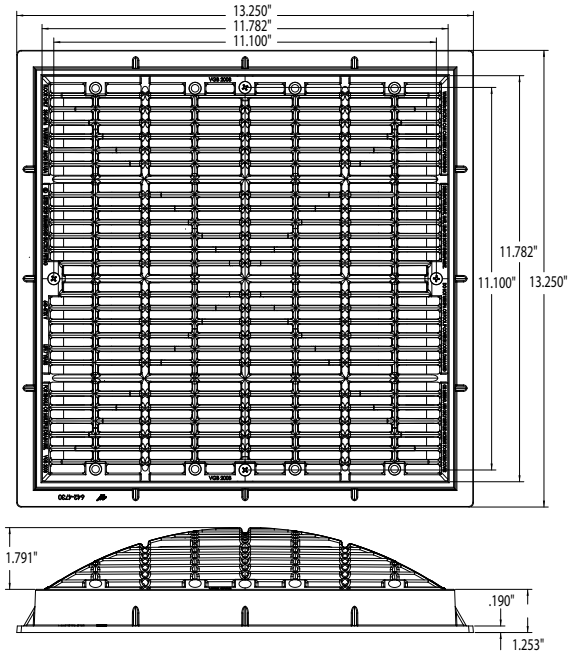
Part No.	Description	Case Quantity	List (US $)
640-479x V	9" x 9" Grate & Frame	13	90.93

Replace the final x in the part number with the color of your choice (see page 4 for colors)



VGB 2008 UL

640-4720 V



SPECIFICATIONS:

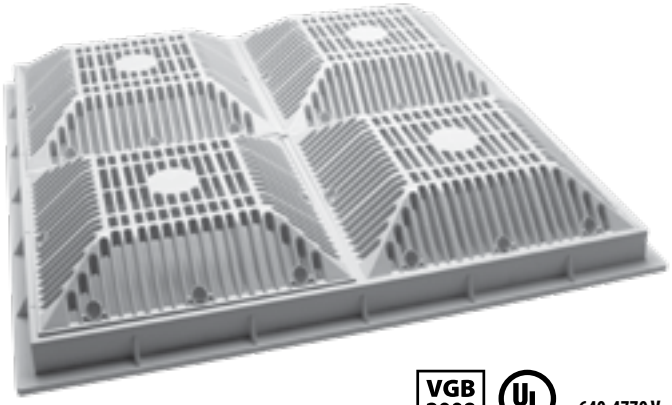
- Total Open Area: 62.4 sq. in.
- Frame Size: 13.250" x 13.250"
- Floor Flow Rate: 356 GPM @ 1.83 ft/sec
- Wall Flow Rate: 280 GPM @ 1.44 ft/sec
- Flow Rate @ 1.5 ft/sec: 292 GPM

12" x 12" Grate and Frame

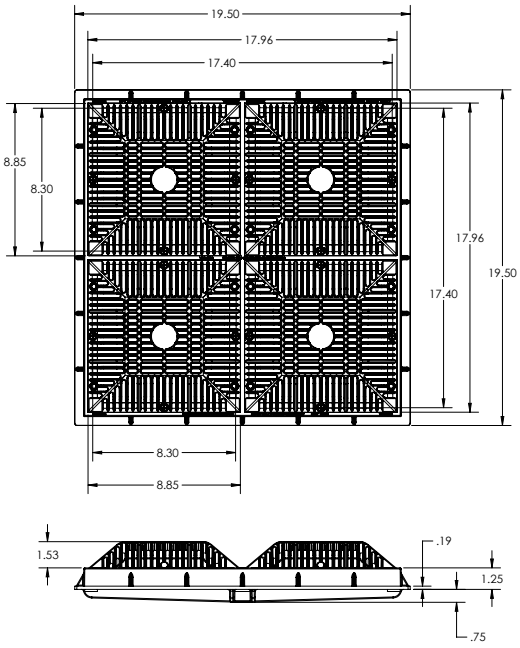
Part No.	Description	Case Quantity	List (US $)
640-472x V	12" x 12" Grate & Frame	10	151.83

Replace the final x in the part number with the color of your choice (see page 4 for colors)

Drains & Suctions - Ratings You Can Trust / **18" x 18" & 24" x 24" Grate & Frame**



640-4770 V



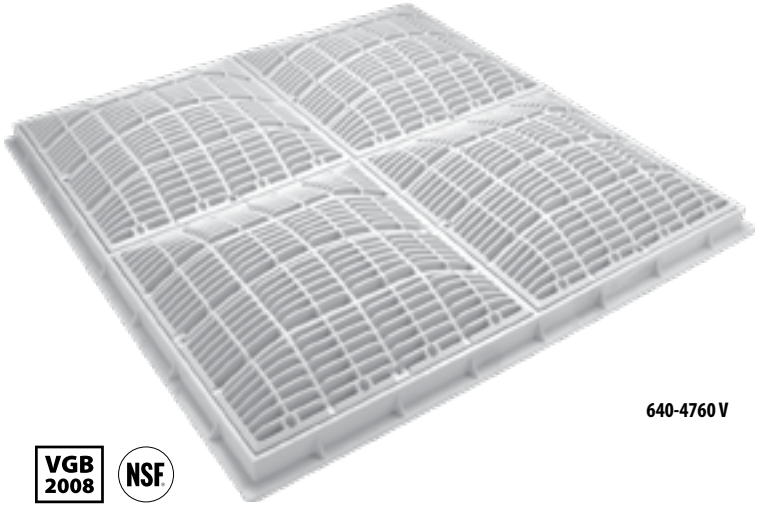
FEATURES:

- Total Open Area: 174.4 sq. in.
- Frame Size: 19.5" x 19.5"
- Floor Flow Rate: 788 GPM @ 1.09 ft/sec
- Wall Flow Rate: N/A
- Flow Rate @ 1.5 ft/sec: 812 GPM

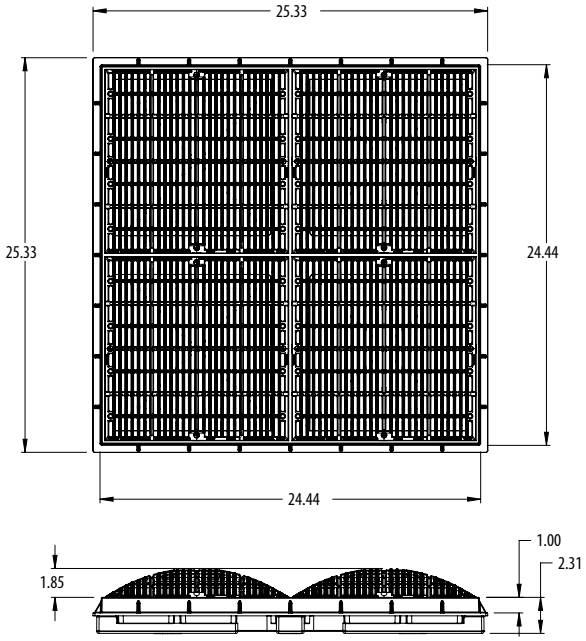
18" x 18" Grate and Frame

Part No.	Description	Case Quantity	List (US $)
640-477x V	18" x 18" Grate & Frame	1	502.63

Replace the final x in the part number with the color of your choice (see page 4 for colors)



640-4760 V



FEATURES:

- Total Open Area: 249.6 sq. in.
- Frame Size: 25.33" x 25.33"
- Floor Flow Rate: 2035 GPM @ 2.62 ft/sec
- Wall Flow Rate: N/A
- Flow Rate @ 1.5 ft/sec: 1168 GPM

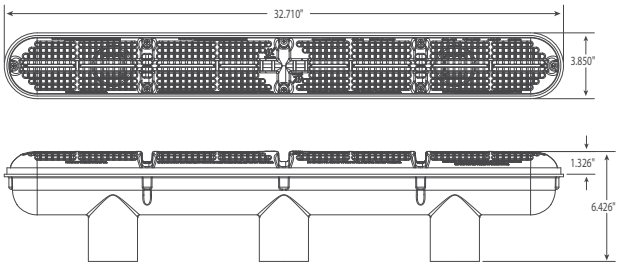
24" x 24" Grate and Frame

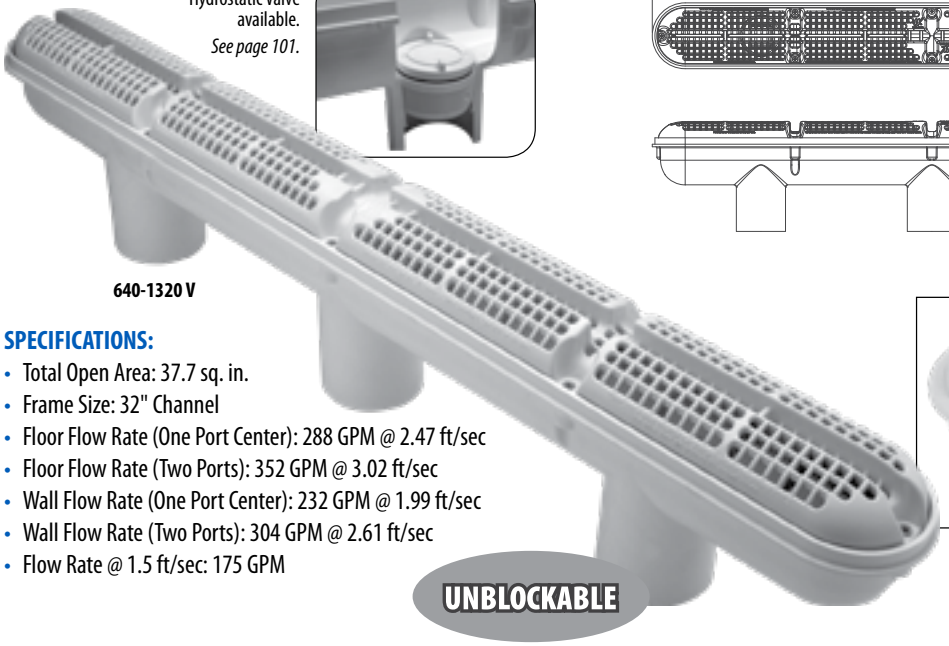
Part No.	Description	Case Quantity	List (US $)
640-476x V	24" x 24" Grate & Frame	1	647.24

Replace the final x in the part number with the color of your choice (see page 4 for colors)



Hydrostatic Valve available.
See page 101.





640-1320 V

SPECIFICATIONS:

- Total Open Area: 37.7 sq. in.
- Frame Size: 32" Channel
- Floor Flow Rate (One Port Center): 288 GPM @ 2.47 ft/sec
- Floor Flow Rate (Two Ports): 352 GPM @ 3.02 ft/sec
- Wall Flow Rate (One Port Center): 232 GPM @ 1.99 ft/sec
- Wall Flow Rate (Two Ports): 304 GPM @ 2.61 ft/sec
- Flow Rate @ 1.5 ft/sec: 175 GPM



New cover design provides complete coverage for sump body!

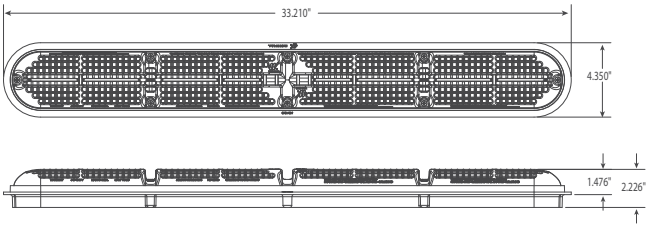
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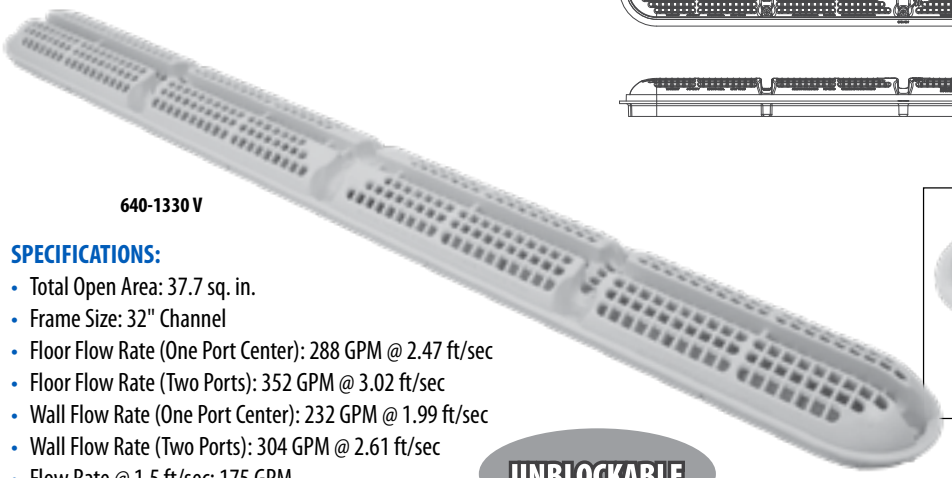
VGB 2008 NSF

32" Ultra Strip Drains - Concrete

Part No.	Description	Case Quantity	List (US $)
640-132x V	32" Ultra Strip Drain - Concrete	1	329.21

Replace the final x in the part number with the color of your choice (see page 4 for colors)





640-1330 V

SPECIFICATIONS:

- Total Open Area: 37.7 sq. in.
- Frame Size: 32" Channel
- Floor Flow Rate (One Port Center): 288 GPM @ 2.47 ft/sec
- Floor Flow Rate (Two Ports): 352 GPM @ 3.02 ft/sec
- Wall Flow Rate (One Port Center): 232 GPM @ 1.99 ft/sec
- Wall Flow Rate (Two Ports): 304 GPM @ 2.61 ft/sec
- Flow Rate @ 1.5 ft/sec: 175 GPM



New cover design provides complete coverage for sump body!

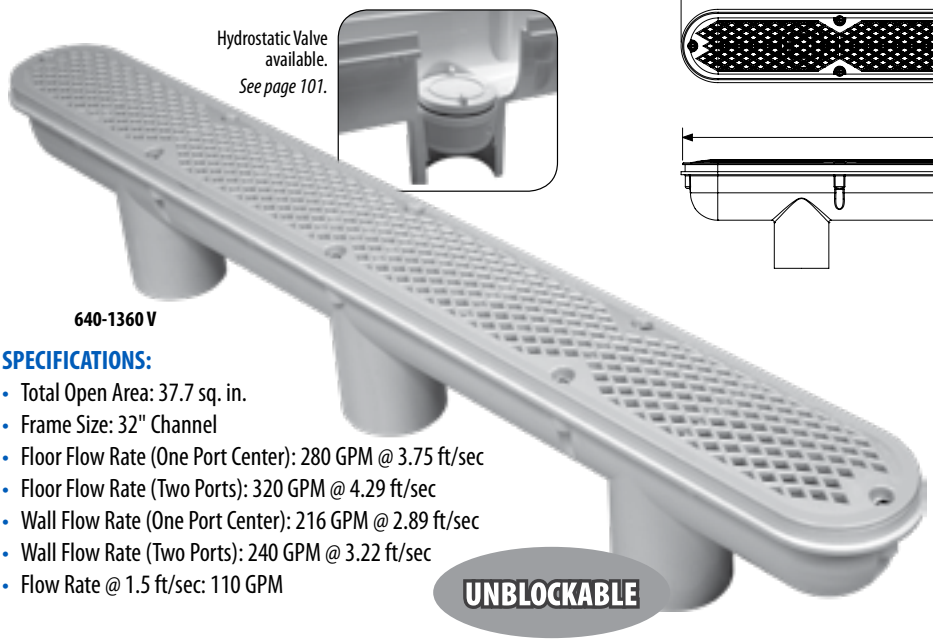
UNBLOCKABLE

VGB 2008 NSF

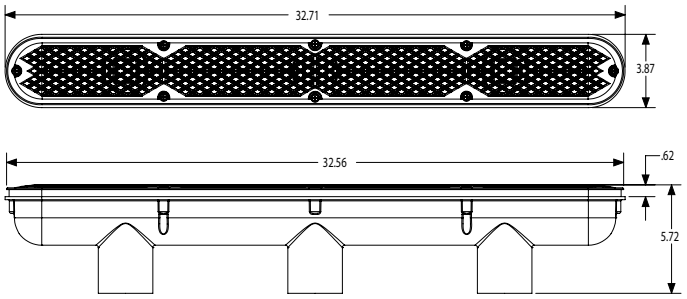
32" Ultra Strip Drains - Field Built Sumps

Part No.	Description	Case Quantity	List (US $)
640-133x V	32" Ultra Strip Drain - Field Built Sumps	1	221.24

Replace the final x in the part number with the color of your choice (see page 4 for colors)



640-1360 V



SPECIFICATIONS:

- Total Open Area: 37.7 sq. in.
- Frame Size: 32" Channel
- Floor Flow Rate (One Port Center): 280 GPM @ 3.75 ft/sec
- Floor Flow Rate (Two Ports): 320 GPM @ 4.29 ft/sec
- Wall Flow Rate (One Port Center): 216 GPM @ 2.89 ft/sec
- Wall Flow Rate (Two Ports): 240 GPM @ 3.22 ft/sec
- Flow Rate @ 1.5 ft/sec: 110 GPM

UNBLOCKABLE



New cover design provides complete coverage for sump body!

VGB 2008 NSF

32" Diamond Strip Drains - Concrete

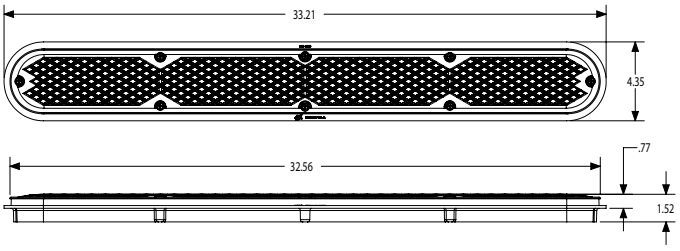
Part No.	Description	Case Quantity	List (US $)
640-136x V	32" Diamond Strip Drain - Concrete	1	329.80

Replace the final x in the part number with the color of your choice (see page 4 for colors)



640-1377-DKG V

UNBLOCKABLE



SPECIFICATIONS:

- Total Open Area: 37.7 sq. in.
- Frame Size: 32" Channel
- Floor Flow Rate (One Port Center): 280 GPM @ 3.75 ft/sec
- Floor Flow Rate (Two Ports): 320 GPM @ 4.29 ft/sec
- Wall Flow Rate (One Port Center): 216 GPM @ 2.89 ft/sec
- Wall Flow Rate (Two Ports): 240 GPM @ 3.22 ft/sec
- Flow Rate @ 1.5 ft/sec: 110 GPM



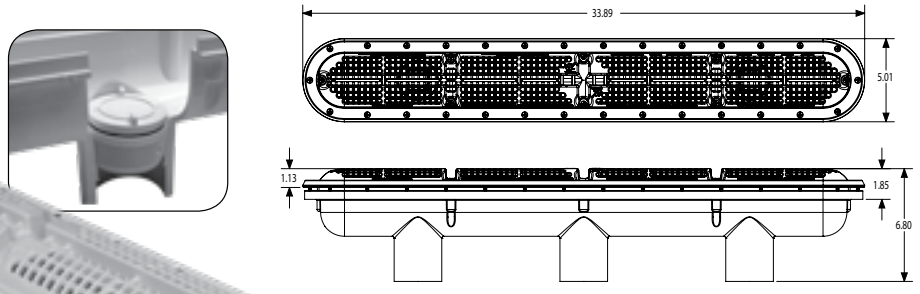
New cover design provides complete coverage for sump body!

VGB 2008 NSF

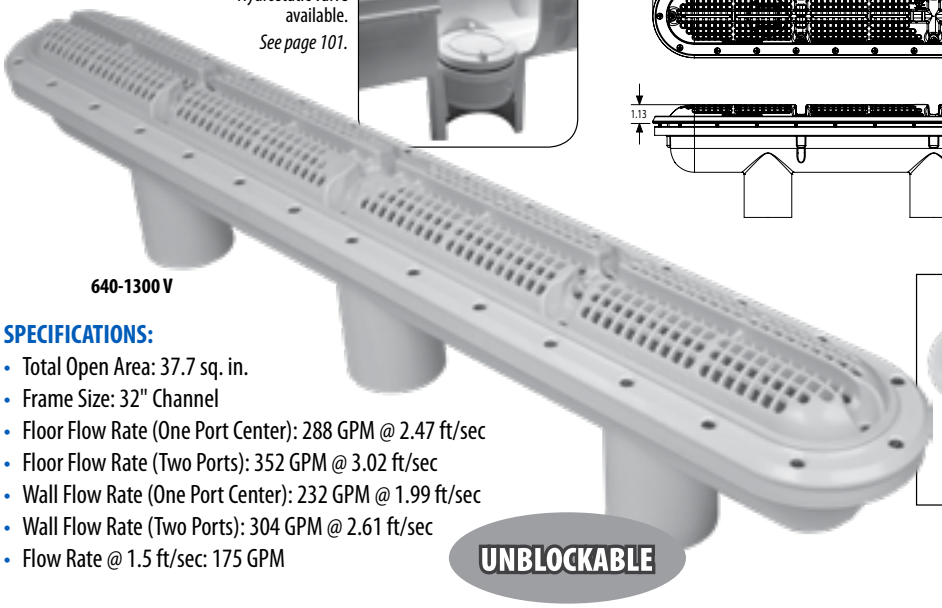
32" Diamond Strip Drains - Field Built Sumps

Part No.	Description	Case Quantity	List (US $)
640-137x V	32" Diamond Strip Drain - Field Built Sumps	1	208.09

Replace the final x in the part number with the color of your choice (see page 4 for colors)



Hydrostatic Valve available.
See page 101.



640-1300 V



New cover design provides complete coverage for sump body!

SPECIFICATIONS:

- Total Open Area: 37.7 sq. in.
- Frame Size: 32" Channel
- Floor Flow Rate (One Port Center): 288 GPM @ 2.47 ft/sec
- Floor Flow Rate (Two Ports): 352 GPM @ 3.02 ft/sec
- Wall Flow Rate (One Port Center): 232 GPM @ 1.99 ft/sec
- Wall Flow Rate (Two Ports): 304 GPM @ 2.61 ft/sec
- Flow Rate @ 1.5 ft/sec: 175 GPM

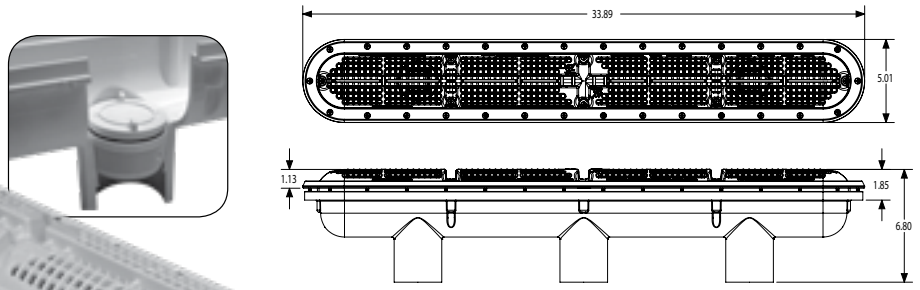
UNBLOCKABLE

VGB 2008 NSF

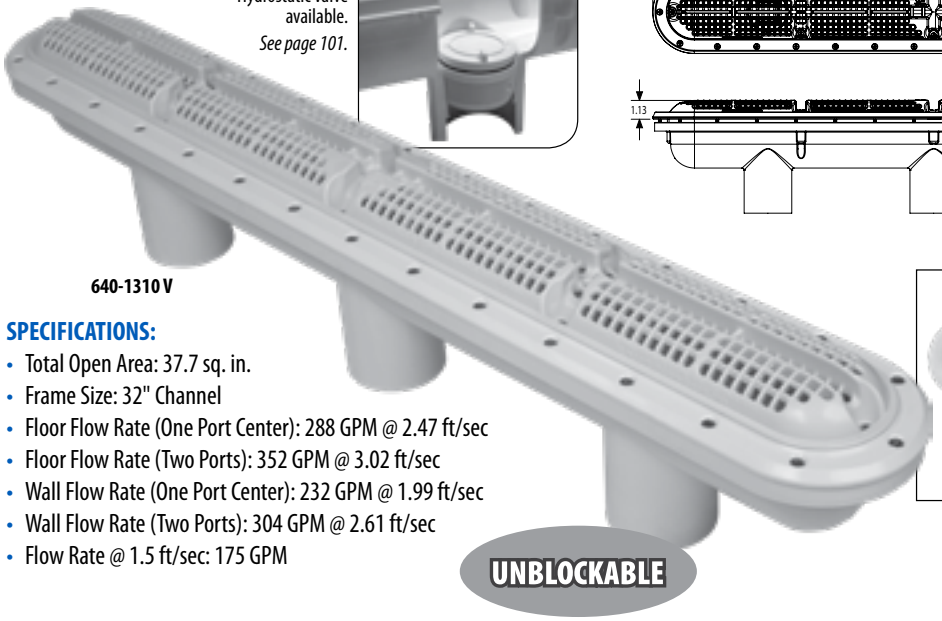
32" Ultra Strip Drains - Vinyl

Part No.	Description	Case Quantity	List (US $)
640-130x V	32" Ultra Strip Drain - Vinyl	1	431.91

Replace the final x in the part number with the color of your choice (see page 4 for colors)



Hydrostatic Valve available.
See page 101.



640-1310 V



New cover design provides complete coverage for sump body!

SPECIFICATIONS:

- Total Open Area: 37.7 sq. in.
- Frame Size: 32" Channel
- Floor Flow Rate (One Port Center): 288 GPM @ 2.47 ft/sec
- Floor Flow Rate (Two Ports): 352 GPM @ 3.02 ft/sec
- Wall Flow Rate (One Port Center): 232 GPM @ 1.99 ft/sec
- Wall Flow Rate (Two Ports): 304 GPM @ 2.61 ft/sec
- Flow Rate @ 1.5 ft/sec: 175 GPM

UNBLOCKABLE

VGB 2008 NSF

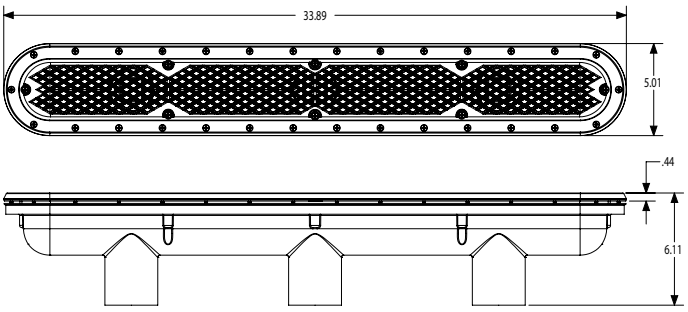
32" Ultra Strip Drains - Fiberglass

Part No.	Description	Case Quantity	List (US $)
640-131x V	32" Ultra Strip Drain - Fiberglass	1	431.91

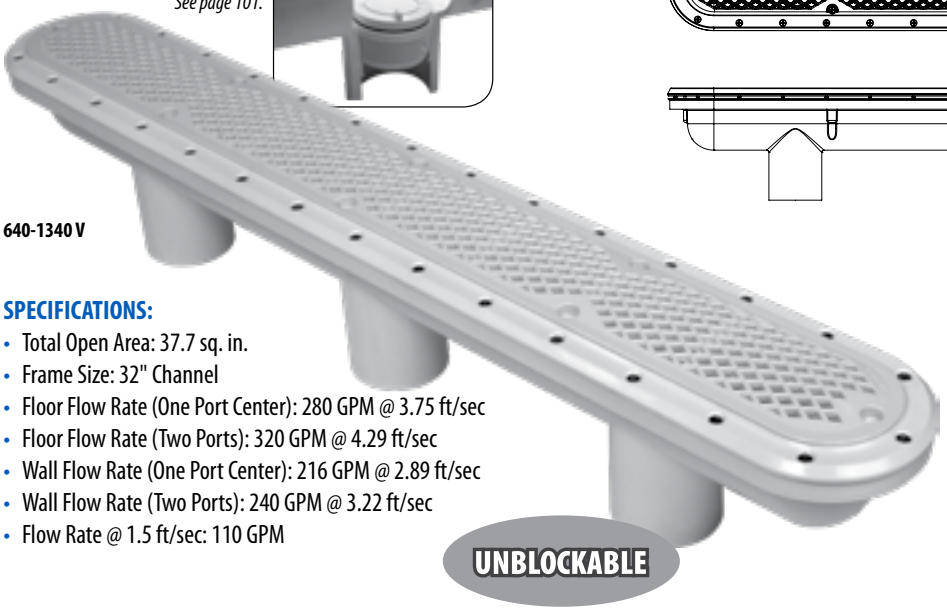
Replace the final x in the part number with the color of your choice (see page iv for colors).

Drains & Suctions - Vinyl / **32" Diamond Strip Drains**





640-1340 V



SPECIFICATIONS:

- Total Open Area: 37.7 sq. in.
- Frame Size: 32" Channel
- Floor Flow Rate (One Port Center): 280 GPM @ 3.75 ft/sec
- Floor Flow Rate (Two Ports): 320 GPM @ 4.29 ft/sec
- Wall Flow Rate (One Port Center): 216 GPM @ 2.89 ft/sec
- Wall Flow Rate (Two Ports): 240 GPM @ 3.22 ft/sec
- Flow Rate @ 1.5 ft/sec: 110 GPM



New cover design provides complete coverage for sump body!

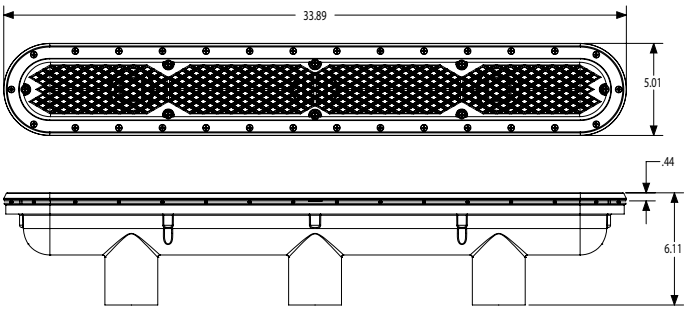
VGB 2008 NSF

32" Diamond Strip Drains - Vinyl

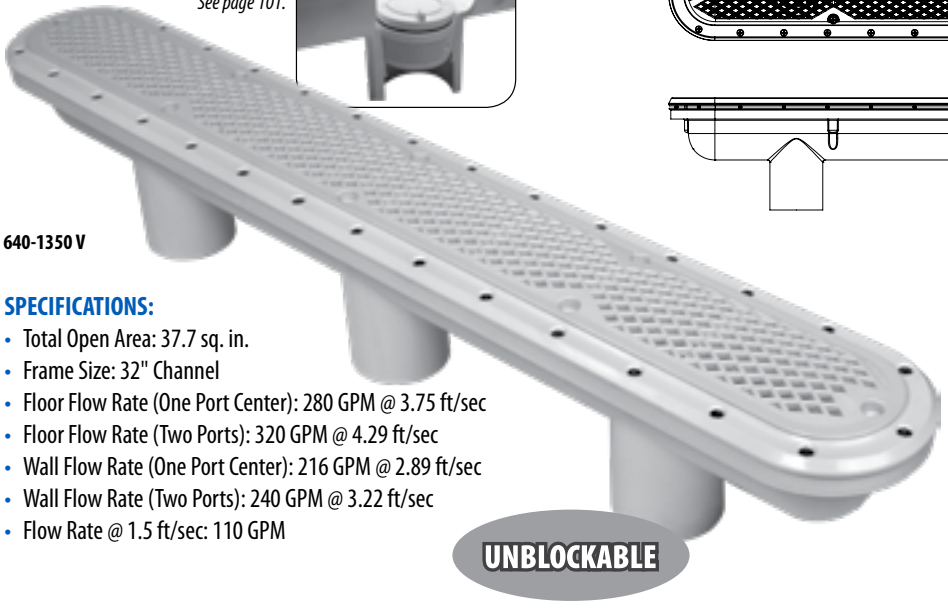
Part No.	Description	Case Quantity	List (US $)
640-134x V	32" Diamond Strip Drain - Vinyl	1	431.91

Replace the final x in the part number with the color of your choice (see page 4 for colors)





640-1350 V



SPECIFICATIONS:

- Total Open Area: 37.7 sq. in.
- Frame Size: 32" Channel
- Floor Flow Rate (One Port Center): 280 GPM @ 3.75 ft/sec
- Floor Flow Rate (Two Ports): 320 GPM @ 4.29 ft/sec
- Wall Flow Rate (One Port Center): 216 GPM @ 2.89 ft/sec
- Wall Flow Rate (Two Ports): 240 GPM @ 3.22 ft/sec
- Flow Rate @ 1.5 ft/sec: 110 GPM



New cover design provides complete coverage for sump body!

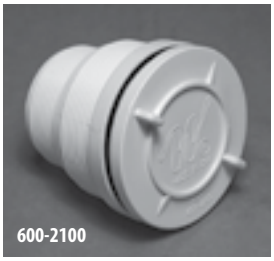
VGB 2008 NSF

32" Diamond Strip Drains - Fiberglass

Part No.	Description	Case Quantity	List (US $)
640-135x V	32" Diamond Strip Drain - Fiberglass	1	431.91
640-134xLG V	32" Diamond Strip Drain for Fiberglass Spas	1	419.48

Replace the final x in the part number with the color of your choice (see page 4 for colors)

Drains & Suctions / **Hydrostatic Relief Valve**





Hydrostatic Relief Valve

Part No.	Description	Case Qty	List (US $)
600-2100	1 ½" Hydrostatic Relief Valve / 2"MPT	200	16.84
600-2140	2" Hydrostatic Relief Valve	200	16.84
600-2150B	2 ½" Hydrostatic Adapter Kit	--	34.81
600-2160B	3" Hydrostatic Adapter Kit	--	38.05

Drains & Suctions / **6" Ultra Suction & Equalizer**

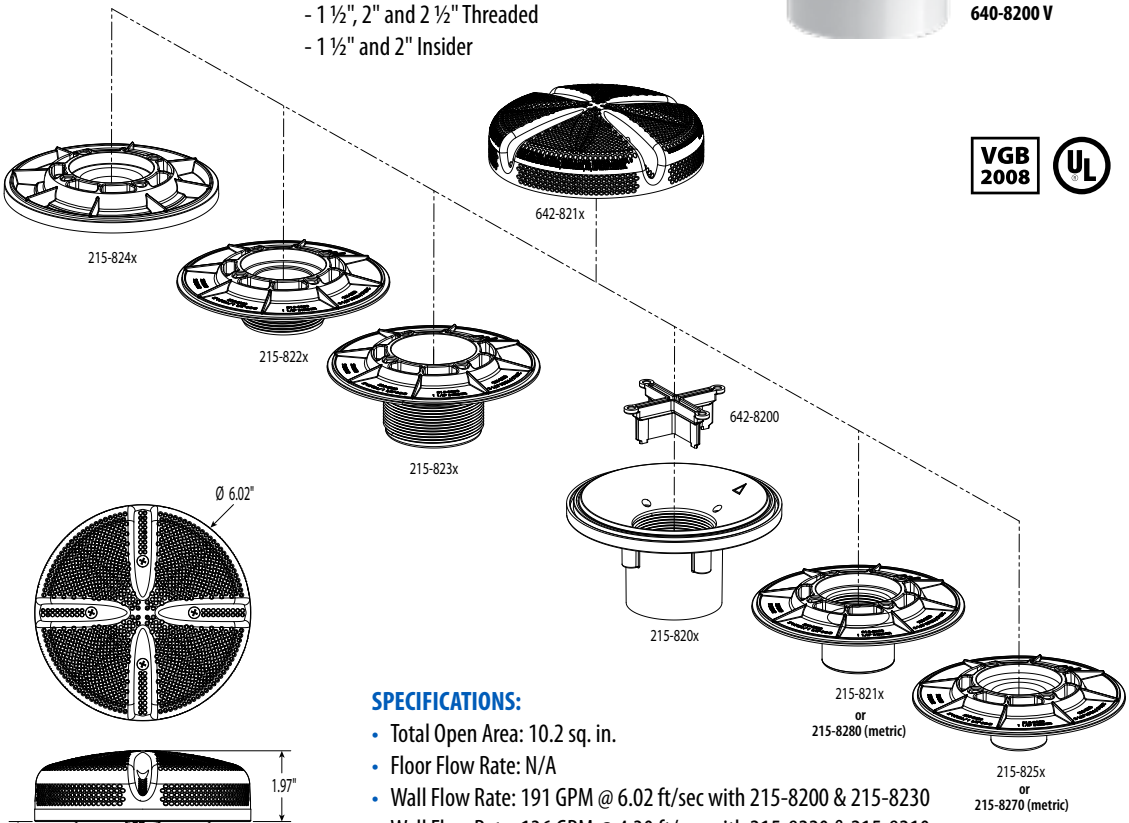
FEATURES:

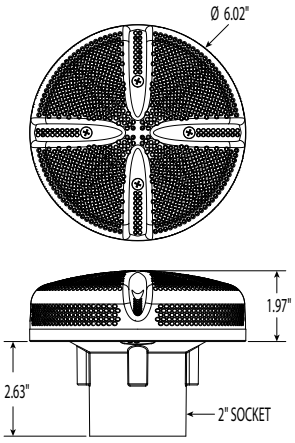
- Sumpless Design: no sump body required
- Ultra versatile drain - can be used for a wide variety of applications: Gunite, Fiberglass, Tile, and Steel Pools & Spas
- All Waterway adapter fittings are made of NSF Rated PVC and can be used with PVC cements (no expensive ABS/PVC transitional glue)
- Available with 6 different PVC wall fitting adapters for connection through:
  - 1", 1 ½" and 2" Slip
  - 1 ½", 2" and 2 ½" Threaded
  - 1 ½" and 2" Insider



640-8200 V

VGB 2008





SPECIFICATIONS:

- Total Open Area: 10.2 sq. in.
- Floor Flow Rate: N/A
- Wall Flow Rate: 191 GPM @ 6.02 ft/sec with 215-8200 & 215-8230
- Wall Flow Rate: 136 GPM @ 4.30 ft/sec with 215-8220 & 215-8210
- Wall Flow Rate: 77 GPM @ 2.43 ft/sec with 215-8240 & 215-8250
- Flow Rate @ 1.5 ft/sec: 47 GPM

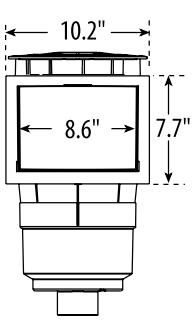
6" Ultra Suction and Equalizer

Part No.	Description	Case Quantity	List (US $)
640-820x V	6" Ultra Suction (Model 640-82XX V) with 2" Equalizer Wall Fitting (215-8200)	15	74.18
640-823x V	6" Ultra Suction (Model 640-82XX V) with 2 ½" Threaded Wall Fitting (215-8230)	20	73.94
640-822x V	6" Ultra Suction (Model 640-82XX V) with 2" Threaded Wall Fitting (215-8220)	25	72.83
640-821x V	6" Ultra Suction (Model 640-82XX V) with 2" Insider Wall Fitting (215-8210)	25	54.75
640-824x V	6" Ultra Suction (Model 640-82XX V) with 1 ½" Threaded Wall Fitting (215-8240)	25	54.75
640-825x V	6" Ultra Suction (Model 640-82XX V) with 1 ½" Insider Wall Fitting (215-8250)	25	54.75
215-8200	Wall Fitting for 6" Ultra Suction - 2" Equalizer	40	26.14
215-8230	Wall Fitting for 6" Ultra Suction - 2 ½" Threaded	40	26.14
215-8220	Wall Fitting for 6" Ultra Suction - 2" Threaded	40	20.12
215-8210	Wall Fitting for 6" Ultra Suction - 2" Insider	40	20.12
215-8280	Wall Fitting for 6" Ultra Suction - 50.8mm Insider (metric)	90	20.12
215-8240	Wall Fitting for 6" Ultra Suction - 1 ½" Threaded	90	20.12
215-8250	Wall Fitting for 6" Ultra Suction - 1 ½" Insider	90	20.12
215-8270	Wall Fitting for 6" Ultra Suction - 38.1mm Insider (metric)	100	20.12

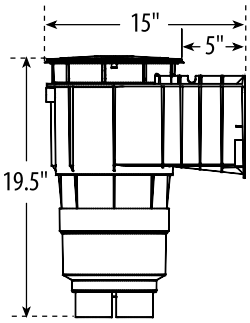
Replace the final x in the part number with the color of your choice (see page 4 for colors)

FEATURES:

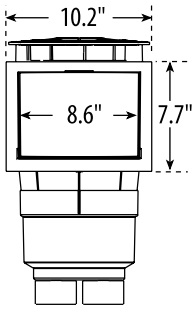
- NSF Approved with Flow Rate of 75 GPM
- PVC sockets for better glue joints
- 2" socket is 2 ½" spigot for more flow
- 1 ½" socket is 2" spigot for easier plumbing
- ½" socket for overflow hose
- Large locking skimmer basket
- Easy access spring-loaded weir door simplifies replacement
- Optional float valve
- Optional skimmer test kit



Two Port



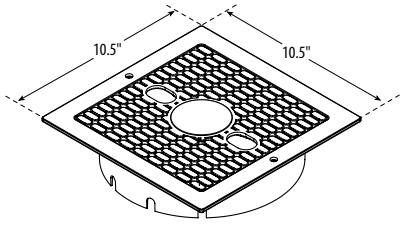
Two Port



Two Port Side-By-Side



IMPROVED SNAP LOCK-DOWN BASKET HANDLE!



Square Lid

Waterway's Renegade Gunite Skimmer is designed for better and easier installations while maximizing flow. The large skimmer basket locks into place. High flow rate of 75 gallons per minute.







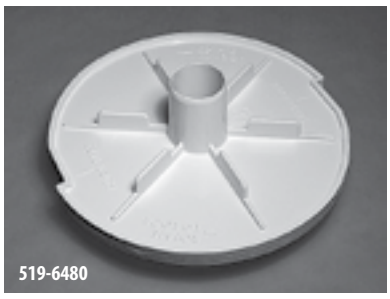
519-6480-R1

New Vac Plate
(2014 & newer)

For replacement parts, see page 329.



Float Valve



Vac Plate



Skimmer Test Loop

Pool Skimmers and Skim Filters / **Renegade Gunite In-Ground Skimmers**

Renegade Gunite Skimmers - 2-Port - Round Lid

Part No.	Description	Color	Case Quantity	List (US $)
540-6430	1 ½" Socket (2" Spigot)	White	1	138.99
540-6630	1 ½" Socket with Float Valve	White	1	171.67
540-6410	2" Socket (2 ½" Spigot)	White	1	138.99
540-6410-9B	2" Socket (2 ½" Spigot)	White/Beige Lid	1	138.99
540-6411	2" Socket (2 ½" Spigot)	Black	1	153.69
540-6411-9B	2" Socket (2 ½" Spigot)	Black/Beige Lid	1	153.69
540-6417	2" Socket (2 ½" Spigot)	Gray	1	153.69
540-6417-9B	2" Socket (2 ½" Spigot)	Gray/Beige Lid	1	153.69
540-6419-BEI	2" Socket (2 ½" Spigot)	Beige	1	153.69
540-6410G	2" Socket (2 ½" Spigot) - Side-by-Side	White	1	143.16
540-6610	2" Socket (2 ½" Spigot) with Float Valve	White	1	171.67
540-6610-9B	2" Socket (2 ½" Spigot) with Float Valve	White/Beige Lid	1	171.67
540-6611	2" Socket (2 ½" Spigot) with Float Valve	Black	1	192.94
540-6617	2" Socket (2 ½" Spigot) with Float Valve	Gray	1	192.94
540-6617-9B	2" Socket (2 ½" Spigot) with Float Valve	Gray/Beige Lid	1	171.67
540-6619-BEI	2" Socket (2 ½" Spigot) with Float Valve	Beige	1	192.94
540-6619-DKG	2" Socket (2 ½" Spigot) with Float Valve	Dark Gray	1	192.94

Renegade Gunite Skimmers - 2-Port - Square Lid

Part No.	Description	Color	Case Quantity	List (US $)
540-6410-9SB	2" Socket (2 ½" Spigot)	White/Beige Lid	1	144.55
540-6411-S	2" Socket (2 ½" Spigot)	Black	1	144.55
540-6411-9SB	2" Socket (2 ½" Spigot)	Black/Beige Lid	1	144.55
540-6417-S	2" Socket (2 ½" Spigot)	Gray	1	144.55
540-6417-9SB	2" Socket (2 ½" Spigot)	Gray/Beige Lid	1	144.55

Renegade Gunite Skimmers - Single Port - Round Lid

Part No.	Description	Color	Case Quantity	List (US $)
540-6510	2" Socket (2 ½" Spigot)	White	1	138.99
540-6510-9B	2" Socket (2 ½" Spigot)	White/Beige Lid	1	138.99
540-6511	2" Socket (2 ½" Spigot)	Black	1	153.69
540-6511-9B	2" Socket (2 ½" Spigot)	Black/Beige Lid	1	153.69
540-6517	2" Socket (2 ½" Spigot)	Gray	1	153.69
540-6517-9B	2" Socket (2 ½" Spigot)	Gray/Beige Lid	1	153.69
540-6519-BEI	2" Socket (2 ½" Spigot)	Beige	1	153.69
540-6519-DKG	2" Socket (2 ½" Spigot)	Dark Gray	1	153.69

Renegade Gunite Skimmers - Single Port - Square Lid

Part No.	Description	Color	Case Quantity	List (US $)
540-6510-S	2" Socket (2 ½" Spigot)	White	1	144.55
540-6510-9SB	2" Socket (2 ½" Spigot)	White/Beige Lid	1	144.55

Accessories

540-6010	Equalizer Valve	White	50	18.53
542-6200	Float Valve	White	25	32.69
519-6480	Vacuum Plate	White	8	20.72
519-6560	Mounting Extension Ring	White	10	13.39
519-6561	Mounting Extension Ring	Black	10	13.39
519-6567	Mounting Extension Ring	Gray	10	13.39
519-6569-BEI	Mounting Extension Ring	Beige	10	13.39
519-6569-DKG	Mounting Extension Ring	Dark Gray	10	13.39
540-6500	Skimmer Test Loop Kit	--	70	16.03
519-6480-R1	Pool Skimmer Gunite Vacuum Plate	White	70	20.72

Gunite Skimmers without Lids

Part No.	Description	Color	Weight (lbs.)	List (US $)
540-6410-LL	Renegade Gunite Skimmer 2.5″ SPG x 2″S x 2″NPT Less Lid	White	9.56	129.72
540-6411-LL	Renegade Gunite Skimmer 2.5″ SPG x 2″S x 2″NPT Less Lid	Black	9.56	129.72
540-6417-LL	Renegade Gunite Skimmer 2.5″ SPG x 2″S x 2″NPT Less Lid	Gray	9.56	129.72
540-6419BEI-LL	Renegade Gunite Skimmer 2.5″ SPG x 2″S x 2″NPT Less Lid	Beige	9.56	129.72

Renegade Skimmers with Square & Round Lid & Mounting Kit

Part No.	Description	Color	Weight (lbs.)	List (US $)
540-6460WW	9″ Round Renegade Skimmer Lid & Mounting Ring Assembly	White	1.18	43.79
540-6461WW	9″ Round Renegade Skimmer Lid & Mounting Ring Assembly	Black	1.18	46.32
540-6467WW	9″ Round Renegade Skimmer Lid & Mounting Ring Assembly	Gray	1.18	46.32
540-6469WW-B	9″ Round Renegade Skimmer Lid & Mounting Ring Assembly	Beige	1.18	46.32
540-6469WW-D	9″ Round Renegade Skimmer Lid & Mounting Ring Assembly	Dark Gray	1.18	46.32
540-6480WW	10″ Square Renegade Skimmer Lid & Mounting Ring Assembly	White	1.75	47.16
540-6487WW	10″ Square Renegade Skimmer Lid & Mounting Ring Assembly	Gray	1.75	49.67
540-6489WW-B	10″ Square Renegade Skimmer Lid & Mounting Ring Assembly	Beige	1.75	49.67

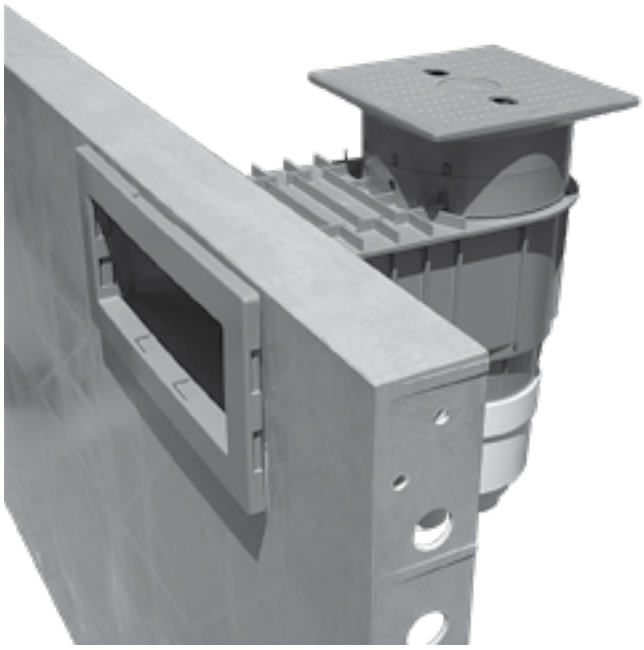
Pool Skimmers and Skim Filters / **Renegade Vinyl Liner and Fiberglass In-Ground Skimmers**

The Renegade skimmer from Waterway is the only choice you'll need to make for your vinyl liner pool installations. The Renegade In-Ground Vinyl Pool Skimmer is designed to work with all existing vinyl liner steel, polymer or fiberglass pool walls. Available in a wide variety of models – either standard or wide-mouth in your choice of white or gray, the Renegade includes a lock-down vacuum plate, extension collar and one of the largest skimmer baskets available. It twist-locks to prevent floating and easy-access. Renegade's spring-loaded weir door makes replacements a snap.

FEATURES:

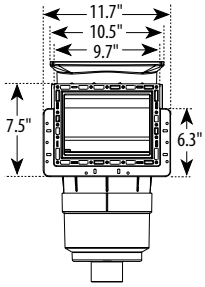
- PVC sockets for better glue joints
- 2" socket is 2 ½" spigot for more flow
- 1 ½" socket is 2" spigot for easier plumbing
- ½" socket for overflow hose
- Large locking skimmer basket
- Easy access spring-loaded weir door simplifies replacement and installation
- High flow rate of 75 GPM
- Optional float valve
- Optional skimmer test kit
- Lock-Down vacuum plate and an extension collar are included

Fits all currently manufactured steel and polymer walls!

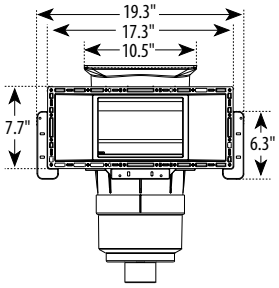


For replacement parts, see page 328.

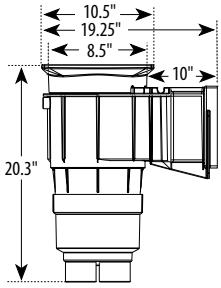
STANDARD



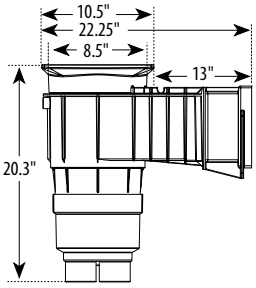
WIDE MOUTH



WIDE MOUTH 9" THROAT



WIDE MOUTH 13" THROAT



Renegade Vinyl Liner Skimmers - 2-Port - Square Lid

Part No.	Description	Throat	Color	List (US $)
540-8400	Standard Vinyl Liner In-Ground Skimmer - 2" Socket	--	White	224.54
540-8407	Standard Vinyl Liner In-Ground Skimmer - 2" Socket	--	Gray	240.35
540-8430	Standard Vinyl Liner In-Ground Skimmer - 1 ½" Socket	--	White	225.19
540-8437	Standard Vinyl Liner In-Ground Skimmer - 1 ½" Socket	--	Gray	240.35
540-8500	Wide-Mouth Vinyl Liner In-Ground Skimmer - 2" Socket	9"	White	280.68
540-8507	Wide-Mouth Vinyl Liner In-Ground Skimmer - 2" Socket	9"	Gray	289.64
540-8530	Wide-Mouth Vinyl Liner In-Ground Skimmer - 1 ½" Socket	9"	White	280.68
540-8537	Wide-Mouth Vinyl Liner In-Ground Skimmer - 1 ½" Socket	9"	Gray	289.64
540-8550	Wide-Mouth Vinyl Liner In-Ground Skimmer - 2" Socket	13"	White	291.05
540-8557	Wide-Mouth Vinyl Liner In-Ground Skimmer - 2" Socket	13"	Gray	300.23
540-8580	Wide-Mouth Vinyl Liner In-Ground Skimmer - 1 ½" Socket	13"	White	291.05
540-8587	Wide-Mouth Vinyl Liner In-Ground Skimmer - 1 ½" Socket	13"	Gray	300.23

Renegade Vinyl Liner Skimmers - 2-Port - Round Lid

Part No.	Description	Color	List (US $)
540-8460	Standard Vinyl Liner In-Ground Skimmer - 1 ½" Socket	White	224.54

Renegade Vinyl Liner Skimmers - Single Port - Square Lid

Part No.	Description	Color	List (US $)
540-8700	Wide-Mouth Vinyl Liner In-Ground Skimmer - 2" Socket	White	218.01
540-8830	Wide-Mouth Vinyl Liner In-Ground Skimmer - 1 ½" Socket	White	272.50

Accessories

Part No.	Description	Color	Case Weight (lbs.)	Case Quantity	List (US $)
519-9520	Standard Vinyl Liner Trim Plate	White	17.43	40	12.44
519-9521	Standard Vinyl Liner Trim Plate	Black	17.43	40	12.91
519-9527	Standard Vinyl Liner Trim Plate	Gray	17.43	40	12.91
519-9540	Wide-Mouth Vinyl Liner Trim Plate	White	16.16	20	15.06
519-9547	Wide-Mouth Vinyl Liner Trim Plate	Gray	16.16	20	15.70
519-6560	Mounting Extension Ring	White	6.85	10	13.40
519-6567	Mounting Extension Ring	Gray	6.85	10	13.40
519-6550	Mounting Extension Ring - New Style	White	10.15	10	13.40
519-9510	Vinyl Liner Square Collar	White	10.15	10	21.46
519-9490	Vinyl Liner Square Collar - New Style	White	10.15	10	21.46
542-6200	Float Valve	White	28.25	25	32.69
519-6480	Lock-Down Vacuum Plate	White	6.86	8	20.72
540-6500	Skimmer Test Loop Kit	White	24.29	70	16.03
542-3240	Basket Assembly	White	10.45	20	14.60
550-0020	Additional Mounting Tabs - Composite Wall Vinyl Liner	White	9.87	25	12.66

FEATURES:

- PVC sockets for better glue joints
- Longer screws for one-piece fiberglass pools
- 2" socket is 2 ½" spigot for more flow
- 1 ½" socket is 2" spigot for easier plumbing
- ½" socket for overflow hose
- Large locking skimmer basket
- Easy access spring-loaded weir door simplifies replacement and installation
- High flow rate of 75 GPM
- Optional float valve
- Optional skimmer test kit
- Lock-Down vacuum plate and **2** extension collars are included



For replacement parts, see page 329.

Renegade Fiberglass Only Skimmers

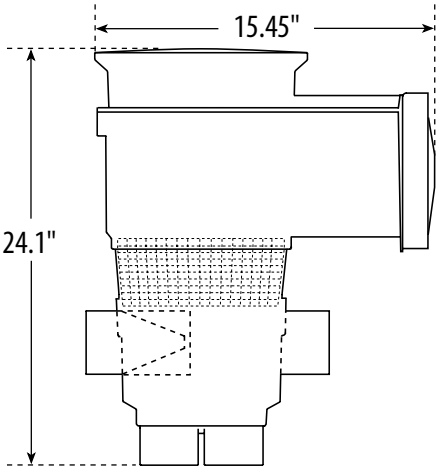
Part No.	Description	Color	List (US $)
540-8630	Standard 1-Piece Fiberglass Only In-Ground Skimmer - 1 ½" S	White	171.93
540-8637	Standard 1-Piece Fiberglass Only In-Ground Skimmer - 1 ½" S	Gray	171.93
540-8610	Standard 1-Piece Fiberglass Only In-Ground Skimmer - 2" S	White	171.93
540-8617	Standard 1-Piece Fiberglass Only In-Ground Skimmer - 2" S	Gray	171.93

Pool Skimmers and Skim Filters / **Renegade Venturi In-Ground Skimmers**

The skimmer is a very important part of the filtration system on a swimming pool. The skimmer is permanently installed to skim the top of the pool to collect dirt and debris before they have a chance to sink to the bottom of the pool.
The Waterway Renegade Venturi Skimmer has the latest in high tech features and "Service-Ease" design making this the ultimate pool skimmer!

FEATURES:

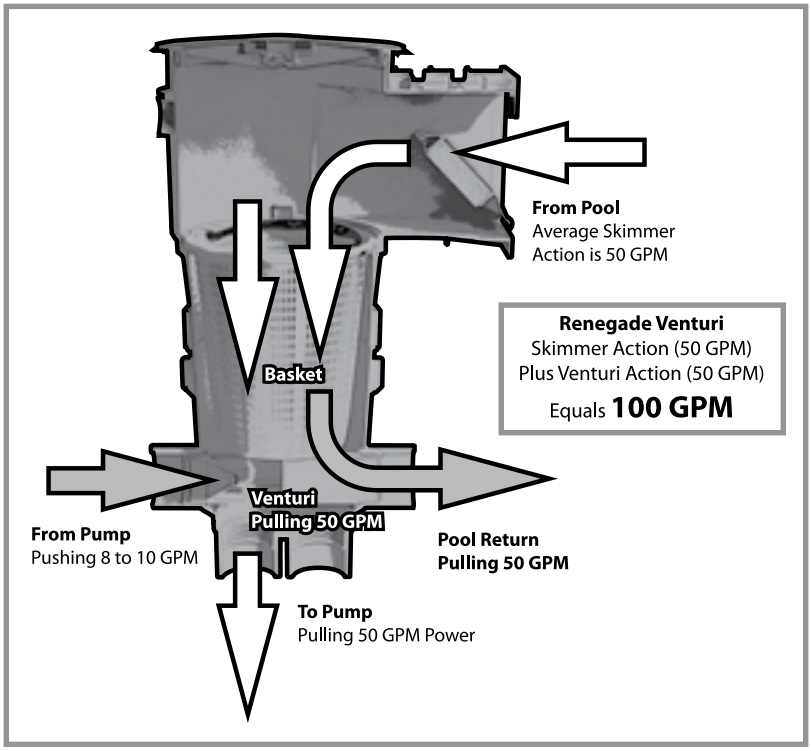
- By using a Venturi, this skimmer doubles the cleaning power without increasing energy costs
- Massive 9" deep basket (twice the size of standard skimmer baskets), can hold 289 cubic inches of debris
- Basket and vacuum plate lock into place instead of floating up when the pump is off
- Weir door is spring-loaded for easy removal- no screws
- NSF approved for 75 GPM – highest in the industry

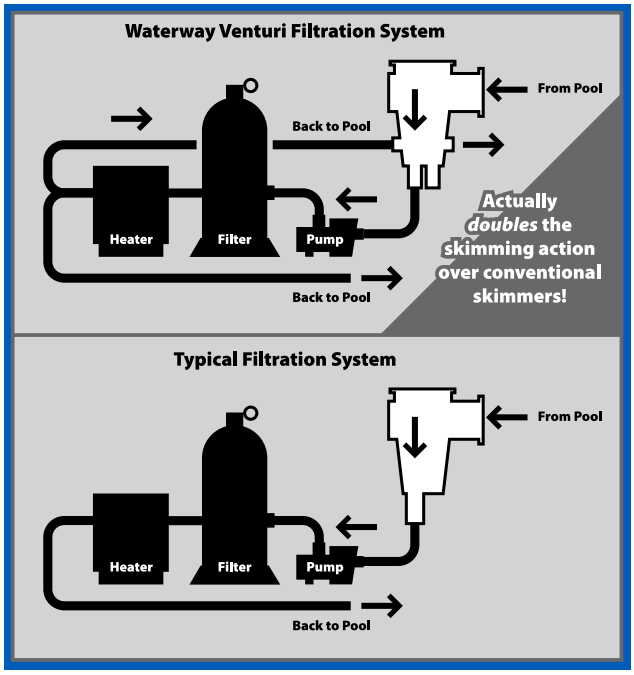


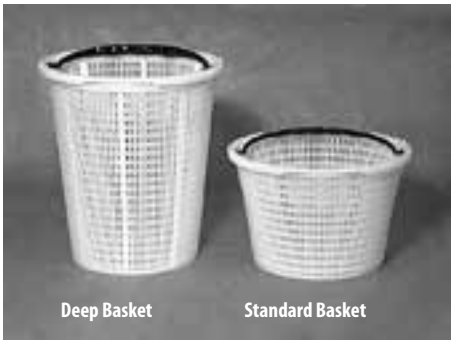


For replacement parts, see page 327.

The Waterway Venturi Skimmer pulls as much water as the pump, doubling the skimming action while NOT increasing energy costs.







The basket for the Venturi Skimmer and the Deep Basket Skimmer is 9" deep, making the Waterway basket the largest in the industry for extra leaf and debris holding capacity.

Renegade Gunite Venturi In-Ground Skimmer

Part No.	Description	Color	List (US $)
540-5300*	2" Socket	White	259.80
540-5301	2" Socket	Black	272.80
540-5307	2" Socket	Gray	272.80
540-5309-BEI	2" Socket	Beige	272.80
540-5300-9B	2" Socket	White/Beige Lid	259.80

** NSF*

Renegade Vinyl Liner Venturi In-Ground Skimmer

Part No.	Description	Color	List (US $)
540-5700	2" Socket	White	308.24
540-5710*	2" Socket with Wide Mouth	White	352.26
540-5717	2" Socket with Wide Mouth	Gray	361.07

** NSF*

Renegade Gunite In-Ground Skimmer - Deep Basket without Venturi

Part No.	Description	Color	List (US $)
540-5310*	2" Socket	White	206.50
540-5311	2" Socket	Black	218.64
540-5317	2" Socket	Gray	218.64
540-5319-BEI	2" Socket	Beige	218.64
540-5310-9B	2" Socket	White/Beige Lid	206.50
540-5320	2" Socket with Float Valve	White	232.62

** NSF*

Renegade Vinyl Liner In-Ground Skimmer - Deep Basket without Venturi

Part No.	Description	Color	List (US $)
540-5720*	2" Socket	White	239.13
540-5730*	2" Socket with Wide Mouth	White	276.34
540-5737	2" Socket with Wide Mouth	Gray	286.98

** NSF*

Pool Skimmers and Skim Filters / **Commercial Renegade Skimmers**

FEATURES:

- NSF Approved with Flow Rate of 75 GPM
- PVC sockets for better glue joints
- 2" socket is 2 ½" spigot for more flow
- ½" socket for overflow line
- Large locking skimmer basket
- Easy access spring-loaded weir door simplifies replacement
- Equalizer line for NSF commercial compliance
- Optional skimmer test kit

Waterway's Commercial Renegade Gunite Skimmer is designed for commercial or public pool installations. The large skimmer basket locks into place. High flow rate of 75 gallons per minute.





Commercial Renegade Gunite In-Ground Skimmers

Part No.	Description	Color	Weight (lbs.)	List (US $)
540-6200	Gunite Skimmer with Equalizer - 2 ½" Spigot x 2" S x 2" NPT	White	9.78	157.55
540-6350	Gunite Skimmer with Equalizer - 2 ½" Spigot x 2" NPT x 2" NPT	White	9.81	166.72





ALL BUILDER'S PACKS COME WITH THE FOLLOWING:

- Skimmer (1 qty.)
- Trim Plate (1 qty.)
- 1 ½" or 2" S Vinyl Main Drain (Same as Skimmer)(2 qty.)
- 1 ½" S Vinyl Liner Wall Fitting Assembly with Combo Locknut (3 or 6 qty.)
- 1" Eyeball Opening (3 or 6 qty.)
- Wall Fitting Escutcheon (3 or 6 qty.)

Renegade Vinyl Liner Skimmer - Builder's Packs

Part No.	Included Parts (Quantity)	Color	List (US $)
545-5700	Standard Vinyl Liner Venturi In-Ground Skimmer Builder's Pack - 2 ½" Spigot / 2" S	White	435.15
545-5707	Standard Vinyl Liner Venturi In-Ground Skimmer Builder's Pack - 2 ½" Spigot / 2" S	Gray	452.15
545-5710	Wide Mouth Vinyl Liner Venturi In-Ground Skimmer Builder's Pack - 2 ½" Spigot / 2" S	White	475.05
545-5717	Wide Mouth Vinyl Liner Venturi In-Ground Skimmer Builder's Pack - 2 ½" Spigot / 2" S	Gray	493.08
545-5750	Wide Mouth Long Throat Vinyl Liner In-Ground Skimmer Builder's Pack - 2 ½" Spigot / 2" S	White	483.92
545-5757	Wide Mouth Long Throat Vinyl Liner In-Ground Skimmer Builder's Pack - 2 ½" Spigot / 2" S	Gray	502.17
545-8400	Standard Vinyl Liner In-Ground Skimmer Builder's Pack - 2 ½" Spigot / 2" S	White	365.79
545-8407	Standard Vinyl Liner In-Ground Skimmer Builder's Pack - 2 ½" Spigot / 2" S	Gray	389.87
545-8410	Standard Vinyl Liner In-Ground Skimmer Builder's Pack - 2 ½" Spigot / 2" S - 6 Returns	White	429.72
545-8417	Standard Vinyl Liner In-Ground Skimmer Builder's Pack - 2 ½" Spigot / 2" S - 6 Returns	Gray	456.22
545-8430	Standard Vinyl Liner In-Ground Skimmer Builder's Pack - 1 ½" S - 2" Spigot / 1 ½" S	White	373.11
545-8437	Standard Vinyl Liner In-Ground Skimmer Builder's Pack - 1 ½" S - 2" Spigot / 1 ½" S	Gray	397.65
545-8500	Wide Mouth Short Throat Vinyl Liner In-Ground Skimmer Builder's Pack - 2 ½" Spigot / 2" S	White	422.05
545-8507	Wide Mouth Short Throat Vinyl Liner In-Ground Skimmer Builder's Pack - 2 ½" Spigot / 2" S	Gray	440.64
545-8510	Wide Mouth Vinyl Liner In-Ground Skimmer Builder's Pack - 2 ½" Spigot / 2" S - 6 Returns	White	479.51
545-8517	Wide Mouth Vinyl Liner In-Ground Skimmer Builder's Pack - 2 ½" Spigot / 2" S - 6 Returns	Gray	500.75
545-8530	Wide Mouth Short Throat Vinyl Liner In-Ground Skimmer Builder's Pack - 1 ½" S - 2" Spigot / 1 ½" S	White	422.05
545-8537	Wide Mouth Short Throat Vinyl Liner In-Ground Skimmer Builder's Pack - 1 ½" S - 2" Spigot / 1 ½" S	Gray	440.66
545-8550	Wide Mouth Long Throat Vinyl Liner In-Ground Skimmer Builder's Pack - 2 ½" Spigot / 2" S	White	422.65
545-8557	Wide Mouth Long Throat Vinyl Liner In-Ground Skimmer Builder's Pack - 2 ½" Spigot / 2" S	Gray	441.06
545-8580	Wide Mouth Long Throat Vinyl Liner In-Ground Skimmer Builder's Pack - 1 ½" S - 2" Spigot / 1 ½" S	White	422.65
545-8587	Wide Mouth Long Throat Vinyl Liner In-Ground Skimmer Builder's Pack - 1 ½" S - 2" Spigot / 1 ½" S	Gray	444.57
540-8509-BEI	Vinyl Liner Wide Mouth In-Ground Skimmer - 9" Throat - 2"S -Beige	Beige	289.64
540-8539-BEI	Vinyl Liner Wide Mouth In-Ground Skimmer - 9" Throat - 1-1/2"S -Beige	Beige	289.64
545-8509-BEI	Wide Mouth V/L Ingrd Skmr Bldr's Pak 2-1/2" Spg/ 2" S - Beige	Beige	440.66
545-8539-BEI	Wide Mouth V/L Ingrd Skmr Bldr's Pak 2" Spg/ 1-1/2" S - Beige	Beige	440.66

Pool Skimmers and Skim Filters / **Flo-Pro II Above Ground Skimmers**

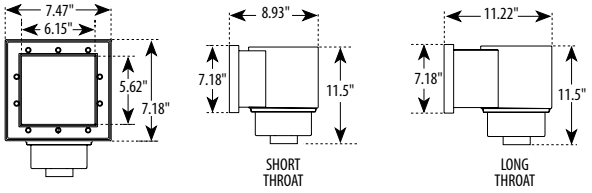
FEATURES:

- Deep body, larger locking basket
- Long or short throat
- Basket accessible from top or front
- Durable one-piece ABS (wide mouth is two piece)
- 1 ½" FPT
- 1 ½" hose adapter included

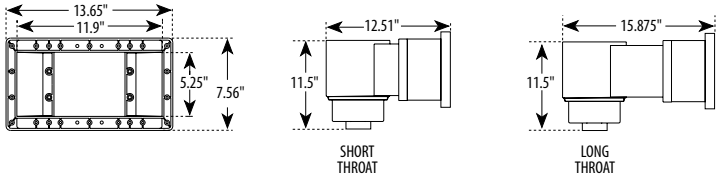


Short Throat

STANDARD MOUTH



WIDE MOUTH





Wide Mouth/Short Throat

For replacement parts, see page330.

Flo-Pro II Above-Ground Skimmers

Part No.	Description	Color	Weight (lbs.)	List (US $)
560-C0A60S	Short Throat	White	4.69	63.28
560-C0A67S	Short Throat	Gray	4.69	63.28
560-C0C60S	Short Throat with Return	White	5.16	67.45
560-C0C67S	Short Throat with Return	Gray	5.16	67.45
560-D0A60S	Long Throat	White	5.28	64.67
560-D0A61S	Long Throat	Black	5.28	72.48
560-D0A67S	Long Throat	Gray	5.28	64.67
560-D0C60S	Long Throat with Return	White	5.86	68.86
560-D0C67S	Long Throat with Return	Gray	5.86	68.86
560-D0C60SF	Long Throat with Return - 90° Eye	White	5.73	69.60

Flo-Pro II Wide Mouth Above-Ground Skimmers

Part No.	Description	Color	Weight (lbs.)	List (US $)
560-C3A60L	Short Throat	White	7.10	102.42
560-C3A67L	Short Throat	Gray	7.10	102.42
560-C3C60L	Short Throat with Return	White	8.24	106.66
560-C3C67L	Short Throat with Return	Gray	8.24	106.66
560-C3C60LF	Short Throat with Return - 90° Eye	White	8.19	107.47
560-D3C60L	Long Throat with Return	White	8.55	114.94
560-D3C67L	Long Throat with Return	Gray	8.55	114.94

Accessories

Part No.	Description	Color	Weight (lbs.)	List (US $)
519-3090	Standard Trim Plate	White	15.29	15.18
519-3091	Standard Trim Plate	Black	15.29	15.18
519-3097	Standard Trim Plate	Gray	15.29	15.18



217-0060

FRONT BACK



660-3400



672-2000



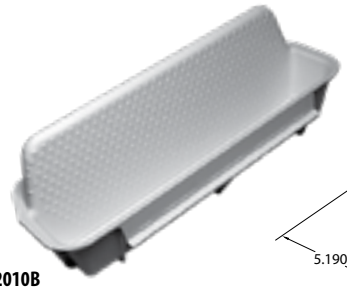
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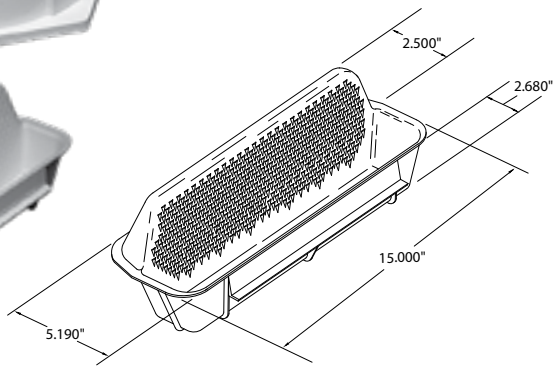
400-9290



429-7100



532-2010B



Accessories

Part No.	Description	Color	Case Weight	Case Quantity	List (US $)
217-0060	Aerator Spray Nozzle	White	6 lbs	200	4.89
660-3400	Gunite Air Control "A" Style *(fits inside 1 ½" pipe or ½" S)*	White	6.71 lbs.	60 (bulk)	13.65
660-3407	Gunite Air Control "A" Style *(fits inside 1 ½" pipe or ½" S)*	Gray	6.71 lbs.	60 (bulk)	13.65
672-2000	Gunite Air Injector Floor Cap *(fits inside 1 ½" pipe)*	White	5.5 lbs.	100 (bulk)	6.50
672-2001	Gunite Air Injector Floor Cap *(fits inside 1 ½" pipe)*	Black	5.5 lbs.	100 (bulk)	6.50
672-2002	Gunite Air Injector Floor Cap *(fits inside 1 ½" pipe)*	Bone	5.5 lbs.	100 (bulk)	9.55
672-2007	Gunite Air Injector Floor Cap *(fits inside 1 ½" pipe)*	Gray	5.5 lbs.	100 (bulk)	6.50
672-2009-DKG	Gunite Air Injector Floor Cap *(fits inside 1 ½" pipe)*	Dark Gray	5.5 lbs.	100 (bulk)	6.50
650-3400	Gunite Air Button *(fits inside 1 ½" pipe)*	White	5.4 lbs.	75	27.34
400-9290	Rope Anchor Assembly	White	8.09 lbs.	50 (bulk)	6.35
400-9291	Rope Anchor Assembly	Black	8.09 lbs.	50 (bulk)	6.35
400-9292	Rope Anchor Assembly	Bone	8.09 lbs.	50 (bulk)	6.35
400-9297	Rope Anchor Assembly	Gray	8.09 lbs.	50 (bulk)	6.35
400-9299-DKG	Rope Anchor Assembly	Dark Gray	8.09 lbs.	50 (bulk)	6.35
400-9299-BEI	Rope Anchor Assembly	Beige	8.09 lbs.	50 (bulk)	6.35
429-7100	Plastic Rope Hook *(with screws)*	White	15.08 lbs.	100 (bulk)	5.96
532-2010B	Pool Wall Step *(set of 3)*	White	7.16 lbs.	3	77.68
532-2011B	Pool Wall Step *(set of 3)*	Black	7.16 lbs.	3	77.68
532-2013B	Pool Wall Step *(set of 3)*	Blue	7.16 lbs.	3	77.68
532-2017B	Pool Wall Step *(set of 3)*	Gray	7.16 lbs.	3	77.68
532-2019B-DK	Pool Wall Step *(set of 3)*	Dark Gray	7.16 lbs.	3	77.68



640-2900



640-2800



640-3000



429-4010



642-2130



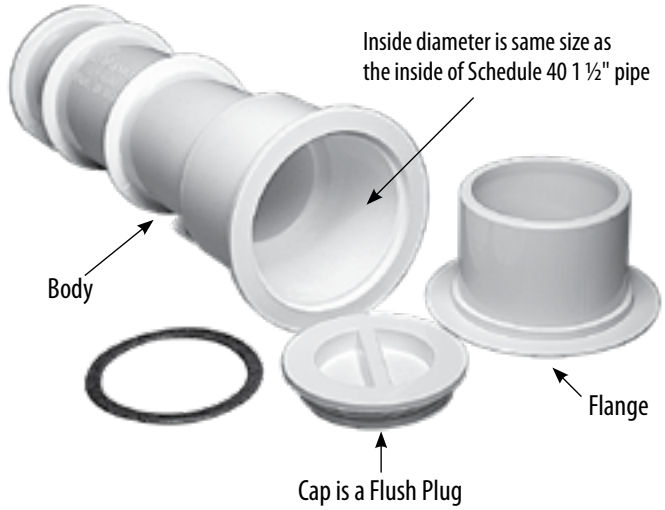
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540-3160

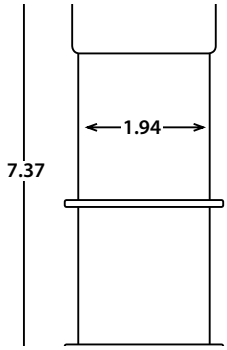
Accessories

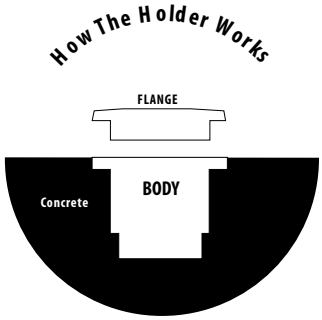
Part No.	Description	Color	Case Weight	Case Quantity	List (US $)
640-2900	2" x 4" Deck/Gutter Drain - 2" S/FPT Assembly	White	17.04 lbs.	40 (bulk)	13.11
640-2901	2" x 4" Deck/Gutter Drain - 2" S/FPT Assembly	Black	17.04 lbs.	40 (bulk)	14.17
640-2907	2" x 4" Deck/Gutter Drain - 2" S/FPT Assembly	Gray	17.04 lbs.	40 (bulk)	14.17
640-2909-DKG	2" x 4" Deck/Gutter Drain - 2" S/FPT Assembly	Dark Gray	17.04 lbs.	40 (bulk)	14.17
640-2909-BEI	2" x 4" Deck/Gutter Drain - 2" S/FPT Assembly	Beige	17.04 lbs.	40 (bulk)	14.17
640-2800	2" x 4" Deck/Gutter Grate *(with screws)*	White	11.05 lbs.	150 (indiv.)	6.38
640-2801	2" x 4" Deck/Gutter Grate *(with screws)*	Black	11.05 lbs.	150 (indiv.)	7.06
640-2807	2" x 4" Deck/Gutter Grate *(with screws)*	Gray	11.05 lbs.	150 (indiv.)	7.06
640-2809-DKG	2" x 4" Deck/Gutter Grate *(with screws)*	Dark Gray	11.05 lbs.	150 (indiv.)	7.06
640-2809-BEI	2" x 4" Deck/Gutter Grate *(with screws)*	Beige	11.05 lbs.	150 (indiv.)	7.06
640-3000	2" x 4" Deck/Gutter 3-Bar Grate and Frame Assembly	White	11.45 lbs.	200 (bulk)	8.99
640-3001	2" x 4" Deck/Gutter 3-Bar Grate and Frame Assembly	Black	11.45 lbs.	200 (bulk)	10.11
640-3007	2" x 4" Deck/Gutter 3-Bar Grate and Frame Assembly	Gray	11.45 lbs.	200 (bulk)	10.11
540-3169-BEI	6" Valve Niche Assembly *(cover and flange)*	Beige	17.36 lbs.	30 (indiv.)	18.87
540-6460WW	9" Round Renegade Skimmer Lid & Mounting Ring Assembly	White	16.51 lbs.	13 (indiv.)	43.79
540-6461WW	9" Round Renegade Skimmer Lid & Mounting Ring Assembly	Black	16.51 lbs.	13 (indiv.)	46.32
540-6467WW	9" Round Renegade Skimmer Lid & Mounting Ring Assembly	Gray	16.51 lbs.	13 (indiv.)	46.32
540-6469WW-BEI	9" Round Renegade Skimmer Lid & Mounting Ring Assembly	Beige	16.51 lbs.	13 (indiv.)	46.32
540-6469WW-DKG	9" Round Renegade Skimmer Lid & Mounting Ring Assembly	Dark Gray	16.51 lbs.	13 (indiv.)	46.32
540-6480WW	10" Square Renegade Skimmer Lid & Mounting Ring Assembly	White	17.59 lbs.	9	46.32
540-6487WW	10" Square Renegade Skimmer Lid & Mounting Ring Assembly	Gray	17.59 lbs.	9	49.67
540-6489WW-BEI	10" Square Renegade Skimmer Lid & Mounting Ring Assembly	Beige	17.59 lbs.	9	49.67
429-4010	Escutcheon Ladder Flange (Base Plate)	White	19.79 lbs.	150 (bulk)	3.66
429-4017	Escutcheon Ladder Flange (Base Plate)	Gray	19.79 lbs.	150 (bulk)	4.14
429-4019-BEI	Escutcheon Ladder Flange (Base Plate)	Beige	19.79 lbs.	150 (bulk)	4.14
642-2130	Lid Deck Pac-Fab 51-3030 Replacement Lid	White	31.31 lbs.	60 (bulk)	17.92
672-4540	6" Niche Cover	White	4.62	20	13.65
672-4541	6" Niche Cover	Black	--	--	13.65
672-4547	6" Niche Cover	Gray	4.62	20	13.65
672-4549-BEI	6" Niche Cover	Beige	4.62	20	13.65
540-3160	6" Valve Niche Assembly *(cover and flange)* - 6" S	White	17.36 lbs.	30 (indiv.)	18.87
540-3161	6" Valve Niche Assembly *(cover and flange)* - 6" S	Black	17.36 lbs.	30 (indiv.)	18.87
540-3167	6" Valve Niche Assembly *(cover and flange)* - 6" S	Gray	17.36 lbs.	30 (indiv.)	18.87



Volleyball Pole Holders

Part No.	Description	Color	Case Weight	Case Quantity	List (US $)
540-6700	Volleyball Pole Holder Assembly	White	20.95 lbs.	35 (indiv.)	23.56
540-6701	Volleyball Pole Holder Assembly	Black	20.95 lbs.	35 (indiv.)	24.45
540-6707	Volleyball Pole Holder Assembly	Gray	20.95 lbs.	35 (indiv.)	24.45
540-6709-BEI	Volleyball Pole Holder Assembly	Beige	20.95 lbs.	35 (indiv.)	24.45
519-6700	Body Only	White	22.37	50	11.78
519-6710	Flange Only	White	16.76	250	9.60
519-6711	Flange Only	Black	16.76	250	9.60
519-6717	Flange Only	Gray	16.76	250	9.60
519-6719-BEI	Flange Only	Beige	16.76	250	9.60
400-4140	Flush Plug 1 ½" MPT with Gasket	White	6.68 lbs.	100 (indiv.)	2.79
400-4141	Flush Plug 1 ½" MPT with Gasket	Black	6.68 lbs.	100 (indiv.)	3.09
400-4147	Flush Plug 1 ½" MPT with Gasket	Gray	6.68 lbs.	100 (indiv.)	3.09
400-4149-BEI	Flush Plug 1 ½" MPT with Gasket	Beige	6.68 lbs.	100 (indiv.)	3.09
540-6710	Flange and Plug Assembly	White	16.84 lbs.	150	12.43
540-6711	Flange and Plug Assembly	Black	16.84 lbs.	150	12.73
540-6717	Flange and Plug Assembly	Gray	16.84 lbs.	150	12.73
540-6719-BEI	Flange and Plug Assembly	Beige	16.84 lbs.	150	12.73





Flange is press-fit; No Glue!
Remove the flange and replace if needed.

Notes

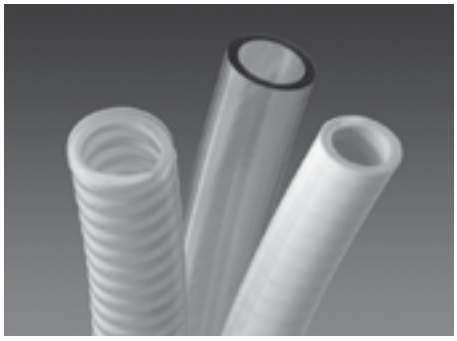
Spa

2018

Notes

Shurflex™ BRAND

Spa hose part numbers ending in B or PB have a durometer that is designed specifically for Spa application.



AVAILABLE IN:

- Clear Vinyl: 1/8", ¼", 3/8", ¾", and ¾" x 1 1/16"
- White Vinyl: 3/8", ¾", and 1" x 1 ¼"
- Shur-Grip: ¾", ¾" thin, 1 ½", and 2"
- Flex: ½", ¾", 1", 1 ¼", 1 ½", 2", 2" thin, 2 ½", and 3"

Hose and Tubing - Individual Rolls (unwrapped)

Call for pricing.

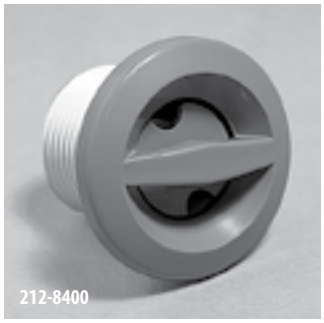
Part No.	Description	Color	Ft. / Roll
110-0100B	Vinyl - 1/8" x ¼"	Clear (0), Red (R)	500
110-0110B	Vinyl - ¼" x 3/8"	Clear (0), Red (4)	600
110-0120B	Vinyl - 3/8" x 9/16"	Clear (0), White (W)	500
110-0140B	Vinyl - ¾" x 1"	Clear (0), White (W)	150
110-0150B	Vinyl - ¾" x 1 1/16"	Clear	100
110-016WB	Vinyl - 1" x 1 ¼"	White	100
120-0110B	Flex - ½"	White (0), Black (1)	100
120-0120B	Flex - ¾"	White (0), Black (1)	100
120-0130B	Flex - 1"	White (0), Black (1)	50
120-0180B	Flex - 1 ¼"	White (0), Black (1)	50
120-0140B	Flex - 1 ½"	White (0), Black (1)	50
125-0110B	Flex - 1 ½" x 100 ft.	White (0), Black (1)	100
120-0150B	Flex - 2"	White (0), Black (1)	50
125-0120B	Flex - 2" x 100 ft.	White (0), Black (1)	100
120-0250B	Flex - 2" thin	White (0), Black (1)	50
120-0160B	Flex - 2 ½"	White (0), Black (1), Gray (7)	50
120-0170B	Flex - 3"	White (0), Black (1), Gray (7)	50
130-0110B	Shur-Grip - ¾"	Clear/White	100
130-0210B	Shur-Grip - ¾" thin	Clear/White (0), White (W)	100
130-0120B	Shur-Grip - 1 ½"	Clear/White	50
130-0130B	Shur-Grip - 2"	Clear/White	50

Hose and Tubing - Pallets (unwrapped)

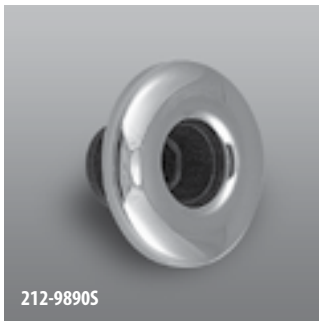
Call for pricing.

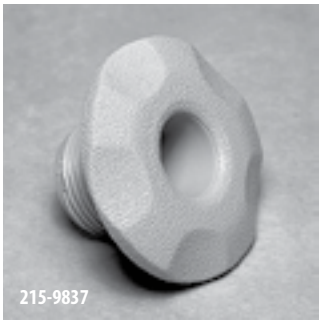
Part No.	Description	Color	Ft. / Pallet	Rolls / Pallet
110-0100PB	Vinyl - 1/8" x ¼"	Clear (0), Red (R)	36,000	72
110-0110PB	Vinyl - ¼" x 3/8"	Clear (0), Red (4)	33,000	55
110-0120PB	Vinyl - 3/8" x 9/16"	Clear (0), White (W)	20,000	40
110-0140PB	Vinyl - ¾" x 1"	Clear (0), White (W)	6,000	40
110-0150PB	Vinyl - ¾" x 1 1/16"	Clear	4,000	40
110-016WPB	Vinyl - 1" x 1 ¼"	White	2,800	28
120-0110PB	Flex - ½"	White (0), Black (1)	6,800	68
120-0120PB	Flex - ¾"	White (0), Black (1)	5,600	56
120-0130PB	Flex - 1"	White (0), Black (1)	2,800	56
120-0180PB	Flex - 1 ¼"	White (0), Black (1)	1,200	24
120-0140PB	Flex - 1 ½"	White (0), Black (1)	1,200	24
125-0110PB	Flex - 1 ½" x 100 ft.	White (0), Black (1)	1,200	12
120-0150PB	Flex - 2"	White (0), Black (1)	900	18
125-0120PB	Flex - 2" x 100 ft.	White (0), Black (1)	900	9
120-0250PB	Flex - 2" thin	White (0), Black (1)	900	18
120-0160PB	Flex - 2 ½"	White (0), Black (1), Gray (7)	800	16
120-0170PB	Flex - 3"	White (0), Black (1), Gray (7)	400	8
130-0110PB	Shur-Grip - ¾"	Clear/White	5,600	56
130-0210PB	Shur-Grip - ¾" thin	Clear/White (0), White (W)	5,600	56
130-0120PB	Shur-Grip - 1 ½"	Clear/White	900	18
130-0130PB	Shur-Grip - 2"	Clear/White	800	16



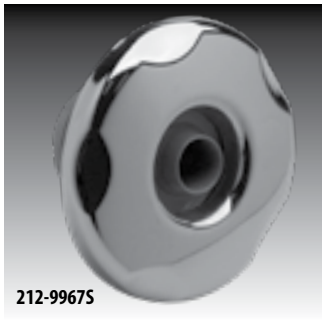




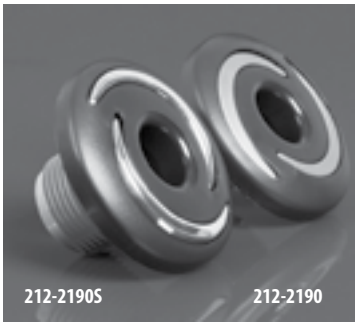












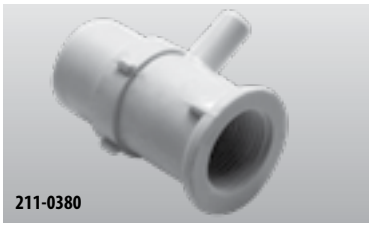


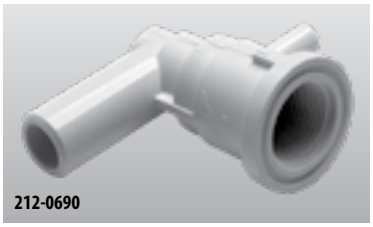




Cluster Jet Internals

Part No.	Description	Case Quantity	List (US $)
215-9860	Ozone - Smooth	200	2.56
212-9870	Ozone - Stainless Steel	500	5.67
212-8400	Front Access - Pulsator - Smooth	450	4.46
215-9950	Fixed Directional - 5-Scallop	500	3.14
215-9840	Large Face - Smooth	150	3.14
212-9890S	Non-Adjustable - Large Face - Stainless Steel - Thick	250	6.20
215-9820	Non-Adjustable - Large Face - Textured - Thick	500	3.14
215-9830	Large Face - Textured - 5-Scallop	500	3.78
215-9960	Fixed Directional - Large Face - 5-Scallop	500	4.43
212-9960S	Fixed Directional - Large Face - Stainless Steel	250	8.45
212-8810	Directional - Large Face - Smooth	250	4.44
212-8830	Directional - Large Face - 5-Scallop	250	4.44
215-9900	Extra Large Face - 2 3/8" - Smooth	350	3.58
212-9900S	Extra Large Face - 2 3/8" - Stainless Steel	250	7.12
212-2190	Non-Adjustable Ozone Cluster - Eclipse - Plastic	200	4.44
212-2190S	Non-Adjustable Ozone Cluster - Eclipse - Stainless Steel	200	7.18
212-2890S	Ozone - Orion - Stainless Steel	200	8.04


211-0380


212-0690


212-0090


212-0550


212-0560


212-0580

Ozone Cluster Jet Body Assemblies

Part No.	Description	Case Quantity	List (US $)
211-0380	Straight Body - 1/2" S x 3/8" SMTH BRB Cluster/Ozone Jet Body	250	5.05
212-0090	Ell Body - 3/8" RB Air x ¾" RB Water with Nozzle	200	5.05
212-0540	Ell Body - No Air x ¾" S Water with Nozzle	180	5.05
212-0550	Ell Body - 3/8" B Air x ¾" SB Water with Nozzle	180	5.05
212-0560	Ell Body - No Air x ½" S Water with Nozzle	200	5.05
212-0580	Ell Body - 3/8" RB Air x ½" S Water with Nozzle	200	5.05
212-0590	Ell Body - 3/8" RB Air x ¾" S Water with Nozzle	180	5.05
212-0690	Ell Body - 3/8" RB Air x ¾" SB Water with O-ring groove	180	5.05


212-0500


212-4150


239-0749-DSGPS

Universal Cluster Jets

Part No.	Description	Case Quantity	List (US $)
212-0500	Universal Cluster Jet Body Assembly - ¾" RB x 90° Ell - Flat Gasket	200	5.39
212-0500G	Universal Cluster Jet Body Assembly - ¾" RB x 90° Ell - Grommet Gasket	200	5.39

Euro Blaster Jet Body and Wall Fitting Assembly

212-4150	¾" RB x 3/8" SB - ½" Orifice - 25 GPM @ 15 PSI	200	10.13

Neck Jet

239-0749-DSGPS	Cluster Storm 100% S/O Dir XL 4 Swirl 2 Tone (THD)	100	8.57
239-0759-DSGS	Cluster Storm 100% S/O Dir 4 Swirl w/Mtl (THD)	200	15.57
239-0771S-DSGPS	Cluster Storm 100% S/O DirRev Swirl w/Mtl (THD)	200	15.57

Cluster Jet Accessories

Part No.	Description	Case Quantity	List (US $)
711-9870	Cluster/Ozone Flat Gasket	500	0.62
711-9860	Cluster Grommet Gasket	500	0.62
711-4070	Cluster Gasket with O-ring Rib	500	0.62


711-9870


711-9860


210-6040


210-8750


210-9790

Standard Poly Jets

Part No.	Description	Case Weight	Case Quantity	List (US $)
210-6040	Adjustable - Caged Style	11.6 lbs.	75	13.01
210-8750	Monster - Caged Style (5/16" - 3/8" - 7/16" - ½" Orifice)	8.39 lbs.	50	13.01
210-9790	Whirlpool - Caged Style (¾" Orifice)	6.05 lbs.	50	13.01


210-5830


210-5860


210-5870


210-5910


210-5950

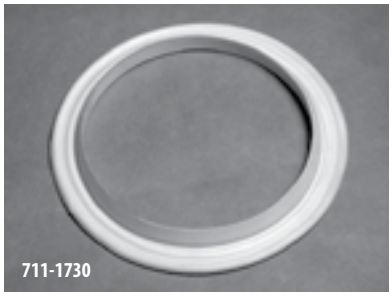
Metric
210-5937

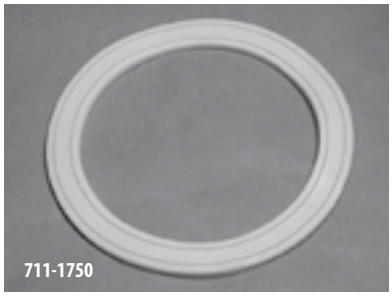

210-9500

Poly Jet Body Assemblies

Part No.	Description	Case Quantity	List (US $)
210-5830	1" S Water x 1" S Air - No Top Plug	40	13.01
210-5860	Tee Body - 1 ½" S Water x 1" S Air - with Top Plug	30	13.01
210-5870	Ell Body - ¾" SB Water x 3/8" RB Air	60	13.01
210-5910	Ell Body - ¾" S Water x 3/8" RB Air	60	13.01
210-5950	Straight Body -1 ½" S Water x ½" / 1" Spigot Air	60	13.01
210-5937	NEW Metric Jet Body - 50mm Water x 20mm Air	60	13.01
210-9500	32mm Water x 32mm Air	30	13.01

All Poly Jet body assemblies include a body and wall fitting.


711-1730


711-1750


916-1250


218-1770A

Poly Jet Accessories

Part No.	Description	Case Quantity	List (US $)
711-1730	Grommet Gasket	1400	0.62
711-1750	Standard Gasket (Thin)	500	0.62
711-4750	3/16" Gasket (Thick)	500	0.91
916-1250	Escutcheon - Stainless Steel *(Standard Poly Jets only)*	3	5.60
218-1770A	Wrench/Test Plug with O-Ring Assembly	150	6.50
805-0132	Wrench O-Ring	25	0.67

***Note**: Products shown may be covered under patents US8458825 , CA2644557 .*

NEW!

IMPROVED JET BODIES

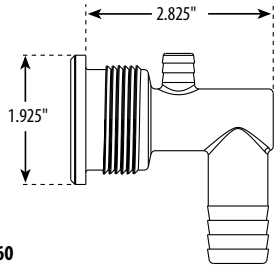
- Molded-in Threads
- Molded-in GLO Ports on Mini, Poly & Power



NEW!
GLO Port Gib
See page 149 for GLO Clip.



218-9460

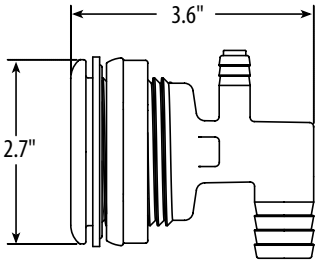


Adj. Cluster Storm

Thread-in Jets



Adj. Mini Storm

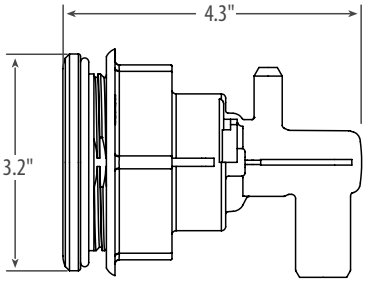




NEW Built-in GLO Ports

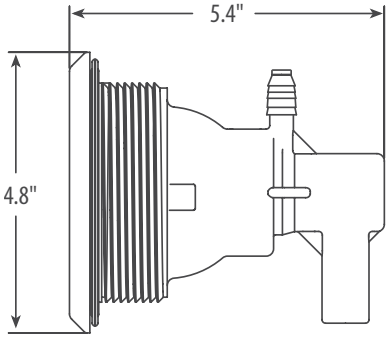


Adj. Poly Storm





Adj. Power Storm





Made in the USA!

***Note**: Products shown may be covered under patents US8458825 , CA2644557 .*

In-Ground Portable Snap-In Spa Jet Body Assemblies

FEATURES:

- Designed specifically for in-ground portable spa applications
- Accepts all Mini-Storm and Poly Storm series snap-in jet internals
- Allows for flex or rigid plumbing
- Resists plumbing deterioration in harsh soils
- Resists rodent damage to plumbing
- Made of NSF fitting grade PVC material



212-0380

Adjustable Cluster Storm Thread-In Jet Body Assemblies

Part No.	Description	Case Quantity	List (US $)
228-1570G	Body Assembly - ¾" S x 3/8" RB	100	7.75
228-1550G	Body Assembly - ¾" RB x 3/8" RB	100	7.75
228-1560G	Body Assembly - ¾" SB x 3/8" - SB	100	7.75
228-1720G	Body Assembly - ¾" RB x No Air	100	7.75

Mini-Storm Thread-In Jet Body Assemblies

Part No.	Description	Case Quantity	List (US $)
228-0300	Body Assembly - ¾" RB x 3/8" RB	100	8.17
228-0330	Body Assembly - ¾" SB x 3/8" - SB	100	8.17
228-0340	Body Assembly - ¾" SB x 3/8" RB - No Air	100	8.17

Poly Storm Thread-In Jet Body Assemblies

Part No.	Description	Case Quantity	List (US $)
228-0410	Body Assembly - ¾" S x 3/8" SB	70	9.26
228-0400	Body Assembly - ¾" RB x 3/8" RB	70	9.26
228-0430	Body Assembly - ¾" SB x 3/8" SB	70	9.26

Power Storm Thread-In Jet Body Assemblies

Part No.	Description	Case Quantity	List (US $)
228-0020	Body Assembly - ¾" S / 1" SPG x 3/8" SB	25	10.11
228-0530	Same Side Body Assembly - ¾" S x 3/8" SB	25	10.11
228-0040	Body Assembly - ¾" RB x 3/8" RB	25	10.11
228-0010	Body Assembly - ¾" SB x 3/8" SB	25	10.11

In-Ground Portable Spa Jet Body Assemblies

Part No.	Description	Case Quantity	List (US $)
212-0380	In-Ground Mini-Storm Jet Body Assembly - 3/4" S x 1/2" S / 3/4" Spigot	--	9.42
212-0390	In-Ground Poly Storm Jet Body Assembly - 3/4" S x 1/2" S / 3/4" Spigot	--	9.42

Note: *All part numbers are for the new thread-in style*
- *To order snap-in bodies; change the part number prefix to 212-xxxx*
- *To order Glo style bodies: change the last number to 8. ie: 228-2008*

Note*: Jet Bodies include flat gaskets. Grommet gaskets available upon request. CPVC bodies available upon request.*

Note*: Products shown may be covered under patents US8458825 , CA2644557 .*

Notes



Orion Storm Jets

Part No.	Jet Type	Eyeball	Size	Style	Case Qty.	List (US $)
239-4000S	Adj. Cluster Storm	Directional	2 ¼"	Plastic/Stainless Steel	200	11.75
239-4020S	Adj. Cluster Storm	Rifled	2 ¼"	Plastic/Stainless Steel	200	11.75
239-4030S	Adj. Cluster Storm	Multi-Massage	2 ¼"	Plastic/Stainless Steel	200	11.75
239-4010S	Adj. Cluster Storm	Twin Roto	2 ¼"	Plastic/Stainless Steel	200	13.30
239-4100S	Large Cluster Storm	Directional	3 5/16"	Plastic/Stainless Steel	180	18.95
239-4120S	Large Cluster Storm	Rifled	3 5/16"	Plastic/Stainless Steel	180	18.95
239-4130S	Large Cluster Storm	Multi-Massage	3 5/16"	Plastic/Stainless Steel	180	18.95
239-4110S	Large Cluster Storm	Twin Roto	3 5/16"	Plastic/Stainless Steel	180	22.72
239-4200S	Mini-Storm	Directional	3 5/16"	Plastic/Stainless Steel	150	21.26
239-4250S	Mini-Storm	Multi-Massage	3 5/16"	Plastic/Stainless Steel	150	21.26
239-4210S	Mini-Storm	Roto	3 5/16"	Plastic/Stainless Steel	150	24.98
239-4220S	Mini-Storm	Twin Roto	3 5/16"	Plastic/Stainless Steel	150	24.98
239-4230S	Mini-Storm	Pulse Massage	3 5/16"	Plastic/Stainless Steel	150	21.27
239-4260S	Mini-Storm	Twister	3 5/16"	Plastic/Stainless Steel	150	24.98
239-4240S	Mini-Storm	Rifled	3 5/16"	Plastic/Stainless Steel	150	21.26
239-4900S	Large Poly Storm	Directional	4 3/8"	Plastic/Stainless Steel	70	32.63
239-4940S	Large Poly Storm	Multi-Massage	4 3/8"	Plastic/Stainless Steel	70	32.63
239-4910S	Large Poly Storm	Roto	4 3/8"	Plastic/Stainless Steel	70	36.38
239-4920S	Large Poly Storm	Twin Roto	4 3/8"	Plastic/Stainless Steel	70	36.38
239-4930S	Large Poly Storm	Pulse Massage	4 3/8"	Plastic/Stainless Steel	70	36.38
239-4960S	Large Poly Storm	Twister	4 3/8"	Plastic/Stainless Steel	70	36.38
239-4950S	Large Poly Storm	Rifled	4 3/8"	Plastic/Stainless Steel	70	32.63
239-4400S	Power Storm	Directional	5 ¼"	Plastic/Stainless Steel	40	35.70
239-4450S	Power Storm	Multi-Massage	5 ¼"	Plastic/Stainless Steel	40	35.70
239-4410S	Power Storm	Roto	5 ¼"	Plastic/Stainless Steel	40	42.40
239-4420S	Power Storm	Twin Roto	5 ¼"	Plastic/Stainless Steel	40	42.40
239-4430S	Power Storm	Pulse Massage	5 ¼"	Plastic/Stainless Steel	40	42.40
239-4460S	Power Storm	Twister	5 ¼"	Plastic/Stainless Steel	40	42.40
239-4440S	Power Storm	Rifled	5 ¼"	Plastic/Stainless Steel	40	35.70
239-4700S	Large Power Storm	Directional	6 ½"	Plastic/Stainless Steel	25	38.91
239-4750S	Large Power Storm	Multi-Massage	6 ½"	Plastic/Stainless Steel	25	38.91
239-4770S	Large Power Storm	Roto	6 ½"	Plastic/Stainless Steel	25	45.62
239-4720S	Large Power Storm	Twin Roto	6 ½"	Plastic/Stainless Steel	25	45.62
239-4730S	Large Power Storm	Pulse Massage	6 ½"	Plastic/Stainless Steel	25	45.62
239-4760S	Large Power Storm	Twister	6 ½"	Plastic/Stainless Steel	25	45.62
239-4740S	Large Power Storm	Rifled	6 ½"	Plastic/Stainless Steel	25	38.91

For GLO style internals on all Storm Jets use the prefix 230 and the last number as 8.
230-XXX8

For 100% shut-off Cluster & Mini Jets use the prefix 225.
225-XXXX

Thread-in Jet Patent # US8458825 & CA2644557

Cluster – 2-1/8" Diameter

Case Qty: 200 Plastic-/box 200 Stainless-/box









	Directional	List Price	Rifled	List Price	Multi-Massage	List Price	Twin Roto	List Price
Plastic	239-0100	4.35	239-0110	4.35	239-0120	4.35	239-0130	5.90
Stainless	239-0100S	11.75	239-0110S	11.75	239-0120S	11.75	239-0130S	12.91

Mini – 3-1/16" Diameter

Case Qty: 180 Plastic-/box 180 Stainless-/box



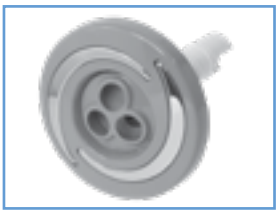






	Directional	List Price	Rifled	List Price	Multi-Massage	List Price	Roto	List Price
Plastic	239-0300	10.87	239-0310	10.87	239-0320	10.87	239-0330	14.58
Stainless	239-0300S	21.26	239-0310S	21.26	239-0320S	21.26	239-0330S	24.98







	Twin Roto	List Price	Pulse Massage	List Price	Twister	List Price
Plastic	239-0340	14.58	239-0350	14.58	239-0360	14.58
Stainless	239-0340S	24.98	239-0350S	24.98	239-0360S	24.98

LG Poly – 4" Diameter

Case Qty: 80 Plastic /box 70 Stainless /box









	Directional	List Price	Rifled	List Price	Multi-Massage	List Price	Roto	List Price
Plastic	239-0500	13.28	239-0510	13.28	239-0520	13.28	239-0530	18.03
Stainless	239-0500S	30.16	239-0510S	30.16	239-0520S	30.16	239-0530S	33.87

Patent # CA 5,920,025







	Twin Roto	List Price	Pulse Massage	List Price	Twister	List Price
Plastic	239-0540	18.03	239-0550	18.03	239-0560	18.03
Stainless	239-0540S	33.87	239-0550S	33.87	239-0560S	33.87

For GLO style internals on all Storm Jets use the prefix 230 and the last number as 8.
230-XXX8

For 100% shut-off Cluster & Mini Jets use the prefix 225.
225-XXXX

Thread-in Jet Patent # US8458825 & CA2644557

Power – 5" Diameter

Case Qty: 40



	Directional	List Price
Plastic	239-7770	18.03
Stainless	239-7770S	35.70



	Rifled	List Price
Plastic	239-0620	18.03
Stainless	239-0620S	35.70



	Multi-Massage	List Price
Plastic	239-0630	18.03
Stainless	239-0630S	35.70



	Roto	List Price
Plastic	239-0640	23.60
Stainless	239-0640S	42.40

Patent # CA 5,920,025



	Twin Roto	List Price
Plastic	239-0650	23.60
Stainless	239-0650S	42.40



	Pulse Massage	List Price
Plastic	239-0660	23.60
Stainless	239-0660S	42.40



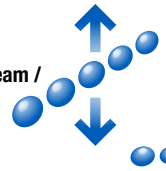
	Twister	List Price
Plastic	239-0670	23.60
Stainless	239-0670S	42.40

For GLO style internals on all Storm Jets use the prefix 230 and the last number as 8.
230-XXX8

For 100% shut-off Cluster & Mini Jets use the prefix 225.
225-XXXX



Twirl
Steady Stream / Stationary Eyeball



Roto
Adjustable Rotating Stream



Twin Roto
Rotating Dual Stream



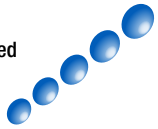
Pulse Massage
Pulsating Stream



Multi Massage
Multi-Shower



Rifled
Enhanced Steady Stream



Twister
Adjustable Rotating Stream



Shower
Pressure Ball



Spa Jets / **Storm Jets - Reverse Eclipse**

Thread-in Jet Patent # US8458825 & CA2644557

Cluster – 2-1/8" Diameter

Case Qty: 200 Stainless-/box



Directional — List Price

Plastic / NA		
Stainless	239-1700S-DSG	11.75



Rifled — List Price

Stainless	239-1710S-DSG	11.75



Multi-Massage — List Price

Stainless	239-1720S-DSG	11.75



Twin Roto — List Price

Stainless	239-1730S-DSG	13.30

LG Cluster – 3-5/16" Diameter

Case Qty: 180 Stainless-/box



Directional — List Price

Plastic / NA		
Stainless	239-1800S	18.95



Rifled — List Price

Stainless	239-1810S	18.95



Multi-Massage — List Price

Stainless	239-1820S	18.95



Twin Roto — List Price

Stainless	239-1830S	22.73

Mini – 3-1/16" Diameter

Case Qty: 180 Stainless-/box



Directional — List Price

Plastic / NA		
Stainless	239-3100S	21.26



Rifled — List Price

Stainless	239-3110S	21.26



Multi-Massage — List Price

Stainless	239-3120S	21.26



Roto — List Price

Stainless	239-3130S	24.98



Twin Roto — List Price

Plastic / NA		
Stainless	239-3140S	24.98



Pulse Massage — List Price

Stainless	239-3150S	24.98



Twister — List Price

Stainless	239-3160S	24.98

For GLO style internals on all Storm Jets use the prefix 230 and the last number as 8.
230-XXX8

For 100% shut-off Cluster & Mini Jets use the prefix 225.
225-XXXX

LG Poly – 4" Diameter *(continued next page)*

Case Qty: 70 Stainless /box



Directional — List Price

Plastic / NA		
Stainless	239-3300S	30.16



Rifled — List Price

Stainless	239-3310S	30.16



Multi-Massage — List Price

Stainless	239-3320S	30.16



Roto — List Price

Stainless	239-3330S	33.87

Thread-in Jet Patent # US8458825 & CA2644557

LG Poly – 4" Diameter *(continued from previous page)*

Case Qty: 70 Stainless /box







	Twin Roto	List Price	Pulse Massage	List Price	Twister	List Price
Plastic / NA						
Stainless	239-3340S	33.87	239-3350S	33.87	239-3360S	33.87

For GLO style internals on all Storm Jets use the prefix 230 and the last number as 8.
230-XXX8

For 100% shut-off Cluster & Mini Jets use the prefix 225.
225-XXXX

Power – 5" Diameter

Case Qty: 40 Stainless /box

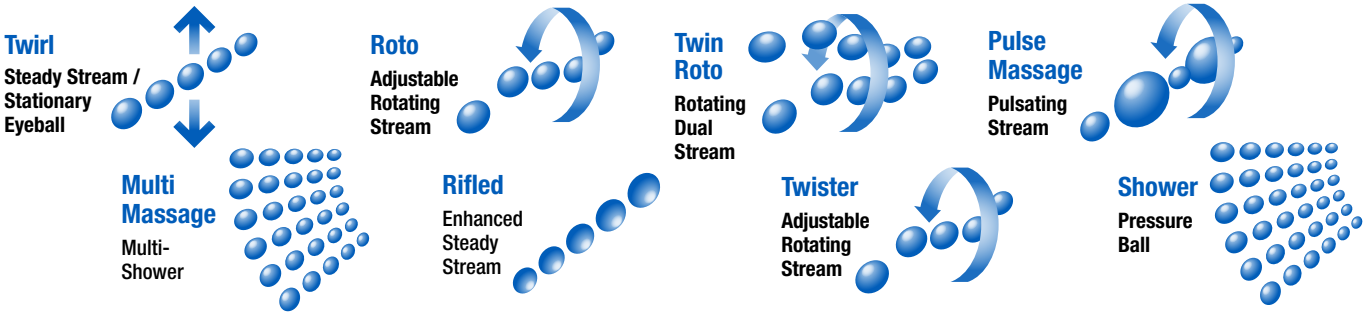






	Directional	List Price	Roto	List Price	Twin Roto	List Price
Plastic / NA						
Stainless	239-1900S	35.70	239-1950S	42.40	239-1910S	42.40





Thread-in Jet Patent # US8458825 & CA2644557

Cluster – 2-3/8" Diameter

Case Qty: Stainless-200/box









	Directional	List Price	Rifled	List Price	Multi-Massage	List Price	Twin Roto	List Price
Plastic	239-1500	4.35	239-1520	4.22	239-1530	4.22	239-1510	5.90
Stainless	239-1500S	11.75	239-1520S	11.75	239-1530S	11.75	239-1510S	13.30

Mini – 3-1/4" Diameter

Case Qty: Stainless 100/box









	Directional	List Price	Rifled	List Price	Multi-Massage	List Price	Roto	List Price
Plastic	239-2300	10.56	239-2350	10.56	239-2330	10.56	239-2310	14.16
Stainless	239-2300S	21.26	239-2350S	21.26	239-2330S	21.26	239-2310S	24.98







	Twin Roto	List Price	Pulse Massage	List Price	Twister	List Price
Plastic	239-2320	14.16	239-2340	14.16	239-2360	14.16
Stainless	239-2320S	24.98	239-2340S	24.98	239-2360S	24.98

For GLO style internals on all Storm Jets use the prefix 230 and the last number as 8.
230-XXX8

For 100% shut-off Cluster & Mini Jets use the prefix 225.
225-XXXX

Poly – 3-3/4" Diameter

Case Qty: Stainless 100/box









	Directional	List Price	Rifled	List Price	Multi-Massage	List Price	Roto	List Price
Plastic	239-8300	13.89	239-8350	13.89	239-8330	13.89	239-8310	17.50
Stainless	239-8300S	30.16	239-8350S	30.16	239-8330S	30.16	239-8310S	33.87

Patent # CA 5,920,025







	Twin Roto	List Price	Pulse Massage	List Price	Twister	List Price
Plastic	239-8320	17.50	239-8340	17.50	239-8360	17.50
Stainless	239-8320S	33.87	239-8340S	33.87	239-8360S	33.87

Thread-in Jet Patent # US8458825 & CA2644557

LG Poly – 4-3/8" Diameter

Case Qty: Stainless 70/box









	Directional	List Price	Rifled	List Price	Multi-Massage	List Price	Roto	List Price
Plastic	239-8200	14.31	239-8230	14.31	239-8240	14.31	239-8210	18.03
Stainless	239-8200S	32.63	239-8230S	32.63	239-8240S	32.63	239-8210S	36.38

Patent # CA 5,920,025







	Twin Roto	List Price	Pulse Massage	List Price	Twister	List Price
Plastic	239-8220	18.03	239-8250	18.03	239-8260	18.03
Stainless	239-8220S	36.38	239-8250S	36.38	239-8260S	36.38

For GLO style internals on all Storm Jets use the prefix 230 and the last number as 8.
230-XXX8

For 100% shut-off Cluster & Mini Jets use the prefix 225.
225-XXXX

Power – 5-1/4" Diameter

Case Qty: Stainless 40/box









	Directional	List Price	Rifled	List Price	Multi-Massage	List Price	Roto	List Price
Plastic	239-7710	18.03	239-6150	18.03	239-6140	18.03	239-6110	23.60
Stainless	239-7710S	35.70	239-6150S	35.70	239-6140S	35.70	239-6110S	42.40

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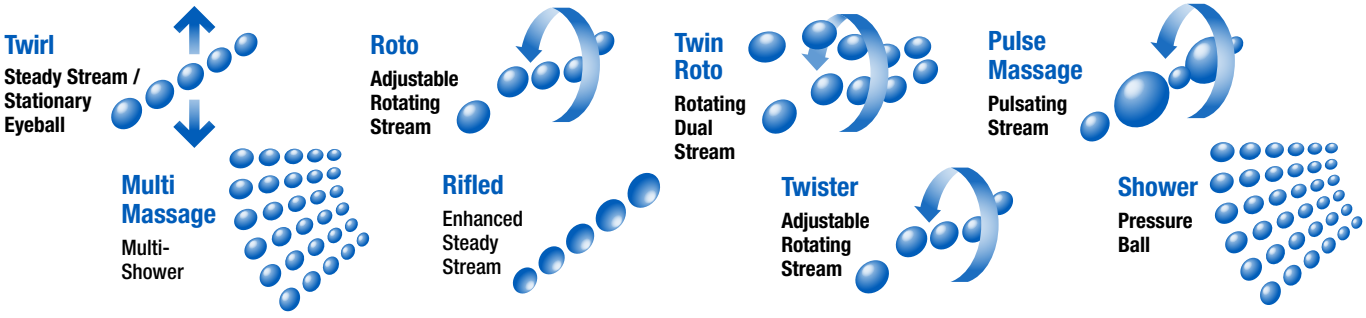








	Twin Roto	List Price	Pulse Massage	List Price	Twister	List Price	Acupressure	List Price
Plastic	239-6120	23.60	239-6130	23.60	239-6160	23.60	239-6740	23.60
Stainless	239-6120S	42.40	239-6130S	42.40	239-6160S	42.40	229-6740S	42.40



Thread-in Jet Patent # US8458825 & CA2644557

Cluster – 2-1/4" Diameter

Case Qty: 200/box









	Directional	List Price	Rifled	List Price	Multi-Massage	List Price	Twin Roto	List Price
Plastic	229-1670	4.35	229-0140	4.35	229-1790	4.35	229-1780	4.35
Stainless	229-1670S	11.19	229-0140S	11.19	229-1790S	11.19	229-1780S	11.19

LG Cluster – 3-1/4" Diameter

Case Qty: 100/box









	Directional	List Price	Rifled	List Price	Multi-Massage	List Price	Twin Roto	List Price
Plastic	229-0210	5.26	229-0220	5.26	229-0240	5.26	229-0230	6.83
Stainless	229-0210S	21.27	229-0220S	21.27	229-0240S	21.27	229-0230S	18.95

Mini – 3-1/4" Diameter

Case Qty: 180/box









	Directional	List Price	Rifled	List Price	Multi-Massage	List Price	Roto	List Price
Plastic	229-8440	10.87	229-0190	10.87	229-9040	10.87	229-0320	14.58
Stainless	229-8440S	20.51	229-0190S	20.51	229-9040S	20.51	229-0320S	24.23







	Twin Roto	List Price	Pulse Massage	List Price	Twister	List Price
Plastic	229-8450	14.58	229-0330	14.58	229-9530	14.58
Stainless	229-8450S	24.23	229-0330S	24.23	229-9530S	24.23

For GLO style internals on all Storm Jets use the prefix 230 and the last number as 8.
230-XXX8

For 100% shut-off Cluster & Mini Jets use the prefix 225.
225-XXXX

Poly – 3-5/8" Diameter *(continued next page)*

Case Qty: 100/box









	Directional	List Price	Rifled	List Price	Multi-Massage	List Price	Roto	List Price
Plastic	229-4020	14.31	229-1940	14.31	229-4090	14.31	229-4030	18.03
Stainless	229-4020S	29.21	229-1940S	29.21	229-4090S	29.21	229-4030S	32.92

Thread-in Jet Patent # US8458825 & CA2644557

Poly – 3-5/8" Diameter *(continued from previous page)*

Case Qty: 100/box





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	Twin Roto	List Price	Pulse Massage	List Price	Twister	List Price
Plastic	229-4040	18.03	229-4050	18.03	229-9630	18.03
Stainless	229-4040S	32.92	229-4050S	32.92	229-9630S	32.92

LG Poly – 4 3/8" Diameter

Case Qty: Plastic 80/box Stainless 70/box









	Directional	List Price	Rifled	List Price	Multi-Massage	List Price	Roto	List Price
Plastic	229-0440	14.31	229-0610	14.31	229-0480	14.31	229-0450	18.03
Stainless	229-0440S	31.69	229-0610S	31.69	229-0480S	31.69	229-0450S	35.41

Patent # CA 5,920,025







	Twin Roto	List Price	Pulse Massage	List Price	Twister	List Price
Plastic	229-0460	18.03	229-0620	18.03	229-0410	18.03
Stainless	229-0460S	35.41	229-0620S	35.41	229-0410S	35.41

For GLO style internals on all Storm Jets use the prefix 230 and the last number as 8.
230-XXX8

For 100% shut-off Cluster & Mini Jets use the prefix 225.
225-XXXX

Power – 5 1/4" Diameter

Case Qty: 45/box









	Directional	List Price	Rifled	List Price	Multi-Massage	List Price	Roto	List Price
Plastic	239-7740	18.03	229-1990	18.03	229-6170	18.03	229-6380	23.60
Stainless	239-7740S	34.18	229-1990S	34.18	229-6170S	34.18	229-6380S	39.77

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	Twin Roto	List Price	Pulse Massage	List Price	Twister	List Price	Acupressure	List Price
Plastic	229-6360	23.60	229-6350	23.60	229-7680	23.60	229-6720	23.60
Stainless	229-6360S	39.77	229-6350S	39.77	229-7680S	39.77	229-6720S	39.77

Patent # US D574,964 S

Thread-in Jet Patent # US8458825 & CA2644557

Cluster – 2-1/4" Diameter

Case Qty: 200/box



	Directional	List Price
Plastic / NA		
Stainless	229-2700S	11.75



	Rifled	List Price
	229-2710S	11.75



	Multi-Massage	List Price
	229-2730S	11.75



	Twin Roto	List Price
	229-2720S	13.30

LG Cluster – 3-5/16" Diameter

Case Qty: 100/box



	Directional	List Price
Plastic / NA		
Stainless	229-2740S	18.95



	Rifled	List Price
	229-2750S	18.95



	Multi-Massage	List Price
	229-2770S	18.95



	Twin Roto	List Price
	229-2760S	22.72

Mini – 3-5/16" Diameter

Case Qty: 150/box



	Directional	List Price
Plastic / NA		
Stainless	229-2400S	21.26



	Rifled	List Price
	229-2410S	21.26



	Multi-Massage	List Price
	229-2480S	21.26



	Roto	List Price
	229-2420S	24.98



	Twin Roto	List Price
Plastic / NA		
Stainless	229-2430S	24.98



	Pulse Massage	List Price
	229-2440S	24.98



	Twister	List Price
	229-2940S	24.98

For GLO style internals on all Storm Jets use the prefix 230 and the last number as 8.
230-XXX8

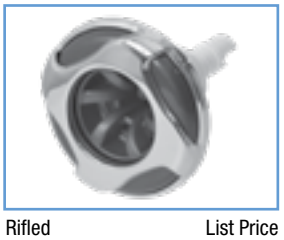
For 100% shut-off Cluster & Mini Jets use the prefix 225.
225-XXXX

Poly – 3-5/8" Diameter *(continued next page)*

Case Qty: 100/box



	Directional	List Price
Plastic / NA		
Stainless	229-2800S	30.16



	Rifled	List Price
	229-2810S	30.16



	Multi-Massage	List Price
	229-2880S	30.16



	Roto	List Price
	229-2820S	33.87

Thread-in Jet Patent # US8458825 & CA2644557

Poly – 3-5/8" Diameter *(continued from previous page)*

Case Qty: 100/box



Twin Roto — List Price



Patent # CA 5,920,025

Pulse Massage — List Price



Twister — List Price

For GLO style internals on all Storm Jets use the prefix 230 and the last number as 8.
230-XXX8

For 100% shut-off Cluster & Mini Jets use the prefix 225.
225-XXXX

	Twin Roto	List Price	Pulse Massage	List Price	Twister	List Price
Plastic / NA						
Stainless	229-2830S	33.87	229-2840S	33.87	229-2950S	33.87

LG Poly – 4-3/8" Diameter

Case Qty: 70/box



Directional — List Price



Rifled — List Price



Multi-Massage — List Price



Roto — List Price

	Directional	List Price	Rifled	List Price	Multi-Massage	List Price	Roto	List Price
Plastic / NA								
Stainless	229-2500S	32.63	229-2510S	32.63	229-2580S	32.63	229-2520S	36.38



Twin Roto — List Price

Patent # CA 5,920,025



Pulse Massage — List Price



Twister — List Price

	Twin Roto	List Price	Pulse Massage	List Price	Twister	List Price
Plastic / NA						
Stainless	229-2530S	36.38	229-2540S	36.38	229-2960S	36.38

Power – 5-1/4" Diameter

Case Qty: 45/box



Directional — List Price



Rifled — List Price



Multi-Massage — List Price



Roto — List Price

	Directional	List Price	Rifled	List Price	Multi-Massage	List Price	Roto	List Price
Plastic / NA								
Stainless	239-7750S	35.70	229-2620S	35.70	229-2690S	35.70	229-2630S	42.40

Case Qty: 45/box



Twin Roto — List Price

Patent # CA 5,920,025



Pulse Massage — List Price



Twister — List Price



Accupressure — List Price

	Twin Roto	List Price	Pulse Massage	List Price	Twister	List Price	Accupressure	List Price
Plastic / NA								
Stainless	229-2640S	42.40	229-2650S	42.40	229-2790S	42.40	229-2780S	42.40

Thread-in Jet Patent # US8458825 & CA2644557

Cluster – 2-1/4" Diameter

Case Qty: 200/box









	Directional	List Price	Rifled	List Price	Multi-Massage	List Price	Twin Roto	List Price
Plastic	229-1470	4.35	229-0130	4.35	229-1770	4.35	229-1440	5.79
Stainless	229-1470S	11.19	229-0130S	11.19	229-1770S	11.19	229-1440S	12.50

Mini – 3-5/16" Diameter

Case Qty: 180/box









	Directional	List Price	Rifled	List Price	Multi-Massage	List Price	Roto	List Price
Plastic	229-8630	10.66	229-0180	10.66	229-8700	10.66	229-8640	14.58
Stainless	229-8630S	20.11	229-0180S	20.11	229-8700S	20.11	229-8640S	24.23







	Twin Roto	List Price	Pulse Massage	List Price	Twister	List Price
Plastic	229-8650	14.58	229-8660	14.58	229-9520	14.58
Stainless	229-8650S	24.23	229-8660S	25.77	229-9520S	24.23

For GLO style internals on all Storm Jets use the prefix 230 and the last number as 8.
230-XXX8

For 100% shut-off Cluster & Mini Jets use the prefix 225.
225-XXXX

Poly – 3-5/8" Diameter

Case Qty: 100/box









	Directional	List Price	Rifled	List Price	Multi-Massage	List Price	Roto	List Price
Plastic	229-8590	14.31	229-1930	14.31	229-3240	14.31	229-8570	18.03
Stainless	229-8590S	29.21	229-1930S	29.21	229-3240S	29.21	229-8570S	32.92

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	Twin Roto	List Price	Pulse Massage	List Price	Twister	List Price
Plastic	229-8580	18.03	229-3200	18.03	229-9620	18.03
Stainless	229-8580S	32.92	229-3200S	35.41	229-9620S	32.92

Thread-in Jet Patent # US8458825 & CA2644557

LG Poly – 4-3/8" Diameter

Case Qty: 45/box



	Directional	List Price
Plastic	239-5000	14.31
Stainless	239-5000S	31.69



	Rifled	List Price
Plastic	239-5050	14.31
Stainless	239-5050S	31.69



	Multi-Massage	List Price
Plastic	239-5040	14.31
Stainless	239-5040S	31.69



	Roto	List Price
Plastic	239-5010	18.03
Stainless	239-5010S	35.41

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	Twin Roto	List Price
Plastic	239-5020	18.03
Stainless	239-5020S	35.41



	Pulse Massage	List Price
Plastic	239-5030	18.03
Stainless	239-5030S	35.41



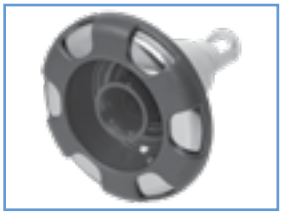
	Twister	List Price
Plastic	239-5060	18.03
Stainless	239-5060S	35.41

For GLO style internals on all Storm Jets use the prefix 230 and the last number as 8.
230-XXX8

For 100% shut-off Cluster & Mini Jets use the prefix 225.
225-XXXX

Power – 5-1/4" Diameter

Case Qty: 45/box



	Directional	List Price
Plastic	229-7720	18.03
Stainless	229-7720S	34.18



	Rifled	List Price
Plastic	229-1980	18.03
Stainless	229-1980S	34.18

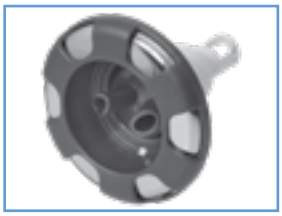


	Multi-Massage	List Price
Plastic	229-7250	18.03
Stainless	229-7250S	34.18



	Roto	List Price
Plastic	229-7550	23.60
Stainless	229-7550S	39.77

Patent # CA 5,920,025



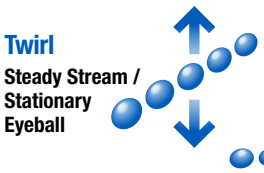
	Twin Roto	List Price
Plastic	229-7560	23.60
Stainless	229-7560S	39.77



	Pulse Massage	List Price
Plastic	229-7590	23.60
Stainless	229-7590S	44.72



	Twister	List Price
Plastic	229-7700	23.60
Stainless	229-7700S	39.77



Spa Jets / **Storm Jets - Reverse 6 Spoke (Nova)**

Patent # US D574,964 S

Thread-in Jet Patent # US8458825 & CA2644557

Cluster – 2-1/4" Diameter

Case Qty: 200/box









	Directional	List Price	Rifled	List Price	Multi-Massage	List Price	Twin Roto	List Price
Plastic / NA								
Stainless	229-9000S	11.75	229-9070S	11.75	229-9060S	11.75	229-9010S	13.30

Mini – 3-5/16" Diameter

Case Qty: 150/box









	Directional	List Price	Rifled	List Price	Multi-Massage	List Price	Roto	List Price
Plastic / NA								
Stainless	229-9100S	21.26	229-9180S	21.26	229-9140S	21.26	229-9150S	24.98







	Twin Roto	List Price	Pulse Massage	List Price	Twister	List Price
Plastic / NA						
Stainless	229-9130S	24.98	229-9160S	24.98	229-9190S	24.98

Poly – 3-5/8" Diameter

Case Qty: 70/box









	Directional	List Price	Rifled	List Price	Multi-Massage	List Price	Roto	List Price
Plastic / NA								
Stainless	229-9200S	30.16	229-9280S	30.16	229-9260S	30.16	229-9210S	33.87

Patent # CA 5,920,025







	Twin Roto	List Price	Pulse Massage	List Price	Twister	List Price
Plastic / NA						
Stainless	229-9220S	33.87	229-9230S	33.87	229-9290S	33.87

For GLO style internals on all Storm Jets use the prefix 230 and the last number as 8.
230-XXX8

For 100% shut-off Cluster & Mini Jets use the prefix 225.
225-XXXX

Thread-in Jet Patent # US8458825 & CA2644557

LG Poly – 4-3/8" Diameter

Case Qty: 70/box



	Directional	List Price	Rifled	List Price	Multi-Massage	List Price	Roto	List Price
Plastic / NA								
Stainless	229-9300S	31.69	229-9370S	31.69	229-9350S	31.69	229-9310S	35.41

Patent # CA 5,920,025



	Twin Roto	List Price	Pulse Massage	List Price	Twister	List Price
Plastic / NA						
Stainless	229-9330S	35.41	229-9640S	35.41	229-9380S	35.41

For GLO style internals on all Storm Jets use the prefix 230 and the last number as 8.
230-XXX8

For 100% shut-off Cluster & Mini Jets use the prefix 225.
225-XXXX

Power – 5-1/4" Diameter

Case Qty: 45/box

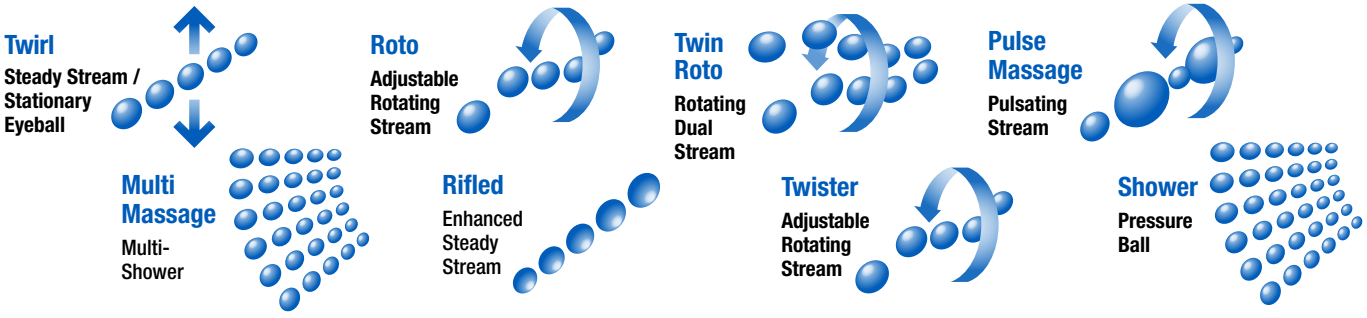


	Directional	List Price	Rifled	List Price	Multi-Massage	List Price	Roto	List Price
Plastic / NA								
Stainless	239-7730S	35.70	229-9480S	35.70	229-9400S	35.70	229-9420S	42.40

Patent # CA 5,920,025



	Twin Roto	List Price	Pulse Massage	List Price	Twister	List Price	Acupressure	List Price
Plastic / NA								
Stainless	229-9430S	42.40	229-9460S	42.40	229-9450S	42.40	229-9490S	42.40



Thread-in Jet Patent # US8458825 & CA2644557

Cluster – 2-1/8" Diameter

Case Qty: 200/box



	Directional	List Price
Plastic	229-1460	4.35
Stainless	229-1460S	11.19



	Rifled	List Price
Plastic	229-0120	4.35
Stainless	229-0120S	11.19



	Multi-massage	List Price
Plastic	229-9730	4.35
Stainless	229-9730S	11.19



	Twin Roto	List Price
Plastic	229-1430	5.90
Stainless	229-1430S	12.75

Mini – 3-5/16" Diameter

Case Qty: 180/box



	Directional	List Price
Plastic	229-8790	10.87
Stainless	229-8790S	20.51



	Rifled	List Price
Plastic	229-0170	10.87
Stainless	229-0170S	20.51



	Multi-Massage	List Price
Plastic	229-9020	10.87
Stainless	229-9020S	20.51



	Roto	List Price
Plastic	229-8850	14.58
Stainless	229-8850S	24.23



	Twin Roto	List Price
Plastic	229-8860	14.58
Stainless	229-8860S	24.23



	Pulse Massage	List Price
Plastic	229-8870	14.58
Stainless	229-8870S	25.77



	Twister	List Price
Plastic	229-9510	14.58
Stainless	229-9510S	24.23

Poly – 3-5/8" Diameter

Case Qty: 100/box



	Directional	List Price
Plastic	229-3250	14.31
Stainless	229-3250S	29.21



	Rifled	List Price
Plastic	229-1920	14.31
Stainless	229-1920S	29.21

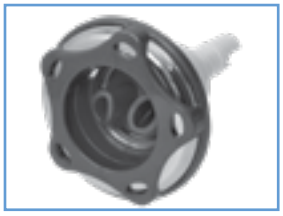


	Multi-Massage	List Price
Plastic	229-3620	14.31
Stainless	229-3620S	29.21



	Roto	List Price
Plastic	229-3260	18.03
Stainless	229-3260S	32.92

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	Twin Roto	List Price
Plastic	229-3270	18.03
Stainless	229-3270S	32.92



	Pulse Massage	List Price
Plastic	229-3280	18.03
Stainless	229-3280S	32.92



	Twister	List Price
Plastic	229-9610	18.03
Stainless	229-9610S	32.92

For GLO style internals on all Storm Jets use the prefix 230 and the last number as 8.
230-XXX8

For 100% shut-off Cluster & Mini Jets use the prefix 225.
225-XXXX

Thread-in Jet Patent # US8458825 & CA2644557

Power – 5-1/4" Diameter

Case Qty: 45/box



	Directional	List Price
Plastic	239-7760	18.03
Stainless	239-7760S	34.18



	Rifled	List Price
Plastic	229-1970	18.03
Stainless	229-1970S	34.18



	Multi-Massage	List Price
Plastic	229-7090	18.03
Stainless	229-7090S	34.18



	Roto	List Price
Plastic	229-7140	23.60
Stainless	229-7140S	39.77



	Twin Roto	List Price
Plastic	229-7150	23.60
Stainless	229-7150S	39.77

Patent # CA 5,920,025



	Pulse Massage	List Price
Plastic	229-7160	23.60
Stainless	229-7160S	39.77



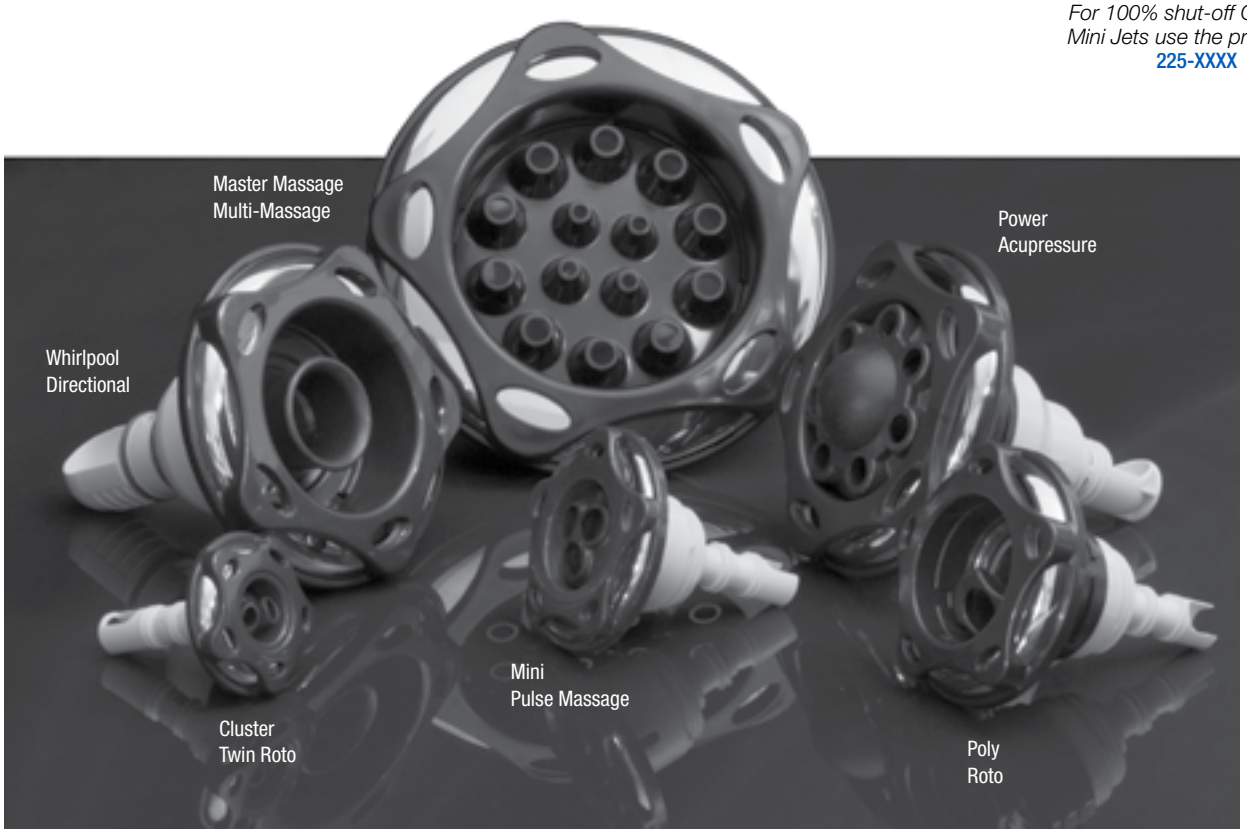
	Twister	List Price
Plastic	229-7690	23.60
Stainless	229-7690S	39.77



	Acupressure	List Price
Plastic	229-6710	23.60
Stainless	229-6710S	39.77

For GLO style internals on all Storm Jets use the prefix 230 and the last number as 8.
230-XXX8

For 100% shut-off Cluster & Mini Jets use the prefix 225.
225-XXXX



Thread-in Jet Patent # US8458825 & CA2644557

Cluster – 2-1/4" Diameter

Case Qty: Plastic 300/box Stainless 200/box



	Directional	List Price
Plastic	239-4300	4.35
Stainless	239-4300S	11.19



	Rifled	List Price
Plastic	239-4310	4.35
Stainless	239-4310S	11.19



	Multi-massage	List Price
Plastic	239-4320	4.35
Stainless	239-4320S	11.19



	Twin Roto	List Price
Plastic	239-4330	5.90
Stainless	239-4330S	12.75

Mini – 3" Diameter

Case Qty: Plastic 200/box Stainless 180/box



	Directional	List Price
Plastic	229-7900	10.87
Stainless	229-7920S	20.51



	Rifled	List Price
Plastic	229-0160	10.87
Stainless	229-0160S	20.51



	Multi-Massage	List Price
Plastic	239-4340	10.87
Stainless	239-4340S	20.51



	Roto	List Price
Plastic	239-4350	14.58
Stainless	239-4350S	24.23



	Twin Roto	List Price
Plastic	229-7940	14.58
Stainless	229-7950S	24.23



	Pulse Massage	List Price
Plastic	229-7810	14.16
Stainless	229-7800S	25.78

LG Mini – 3-5/16" Diameter

Case Qty: 120/box



	Directional	List Price
Plastic	229-0010	11.48
Stainless	229-0090S	21.12



	Rifled	List Price
Plastic	229-0150	11.48
Stainless	229-0150S	21.12



	Multi-Massage	List Price
Plastic	229-0080	11.48
Stainless	229-0080S	21.12



	Roto	List Price
Plastic	229-0310	15.21
Stainless	229-0310S	24.86



	Twin Roto	List Price
Plastic	229-7840	15.21
Stainless	229-7840S	24.86



	Pulse Massage	List Price
Plastic	229-0040	15.21
Stainless	229-0040S	26.40



	Twister	List Price
Plastic	229-2100	15.21
Stainless	229-2100S	24.86

For GLO style internals on all Storm Jets use the prefix 230 and the last number as 8.
230-XXX8

For 100% shut-off Cluster & Mini Jets use the prefix 225.
225-XXXX

Thread-in Jet Patent # US8458825 & CA2644557

Poly – 3-3/8" Diameter

Case Qty: Plastic 130/box Stainless 100/box



	Directional	List Price
Plastic	229-8040	14.31
Stainless	229-8050S	29.21



	Rifled	List Price
Plastic	229-1900	14.31
Stainless	229-1900S	29.21



	Multi-Massage	List Price
Plastic	229-8280	14.31
Stainless	229-8270S	29.21



	Roto	List Price
Plastic	229-8000	18.03
Stainless	229-8010S	32.92



	Twin Roto	List Price
Plastic	229-8130	18.03
Stainless	229-8120S	32.92

Patent # CA 5,920,025



	Pulse Massage	List Price
Plastic	229-8020	20.51
Stainless	229-8030S	35.41



	Twister	List Price
Plastic	229-8230	18.03
Stainless	229-8230S	32.92

For GLO style internals on all Storm Jets use the prefix 230 and the last number as 8.
230-XXX8

For 100% shut-off Cluster & Mini Jets use the prefix 225.
225-XXXX

LG Poly – 4" Diameter

Case Qty: 60/box



	Directional	List Price
Plastic	229-8160	15.58
Stainless	229-8160S	31.69



	Rifled	
Plastic	229-9790	15.58
Stainless	229-9790S	31.69



	Multi-Massage	List Price
Plastic	229-8290	15.58
Stainless	229-8290S	31.69



	Roto	List Price
Plastic	229-8140	19.30
Stainless	229-8140S	35.41



	Twin Roto	List Price
Plastic	229-8170	19.30
Stainless	229-8170S	35.41

Patent # CA 5,920,025



	Pulse Massage	List Price
Plastic	229-8150	19.30
Stainless	229-8150S	37.90



	Twister	
Plastic	229-9600	19.30
Stainless	229-9600S	35.41

Power – 5" Diameter *(continued next page)*

Case Qty: Plastic 50/box Stainless 50/box



	Directional	List Price
Plastic	239-7090	18.03
Stainless	239-7090S	34.18



	Roto	List Price
Plastic	229-6630	23.60
Stainless	229-7600S	39.75



	Twin Roto	List Price
Plastic	229-6610	23.60
Stainless	229-7610S	39.75



	Pulse Massage	List Price
Plastic	229-6650	28.57
Stainless	229-7740S	44.72

Thread-in Jet Patent # US8458825 & CA2644557

LG Power – 5-1/2" Diameter *(continued from previous page)*

Case Qty: 35/box



Directional

		List Price
Plastic / NA		
Stainless	239-0900S	35.41



Rifled

		List Price
Plastic / NA		
Stainless	229-6850S	35.41



Multi-Massage

		List Price
Plastic / NA		
Stainless	229-7330S	35.41



Roto

		List Price
Plastic / NA		
Stainless	229-7310S	40.99



Twin Roto

		List Price
Plastic / NA		
Stainless	229-7320S	40.99



Pulse Massage

		List Price
Plastic / NA		
Stainless	229-7360S	45.96



Twister

		List Price
Plastic / NA		
Stainless	239-0800S	40.99

XL Power – 6-1/2" Diameter

Case Qty: 25/box



Directional

		List Price
Plastic / NA		
Stainless	239-0910S	37.90



Rifled

		List Price
Plastic / NA		
Stainless	229-6840S	37.90



Multi-Massage

		List Price
Plastic / NA		
Stainless	229-7450S	37.90



Roto

		List Price
Plastic / NA		
Stainless	229-7380S	43.47



Twin Roto

		List Price
Plastic / NA		
Stainless	229-7390S	43.47



Pulse Massage

		List Price
Plastic / NA		
Stainless	229-7480S	48.45

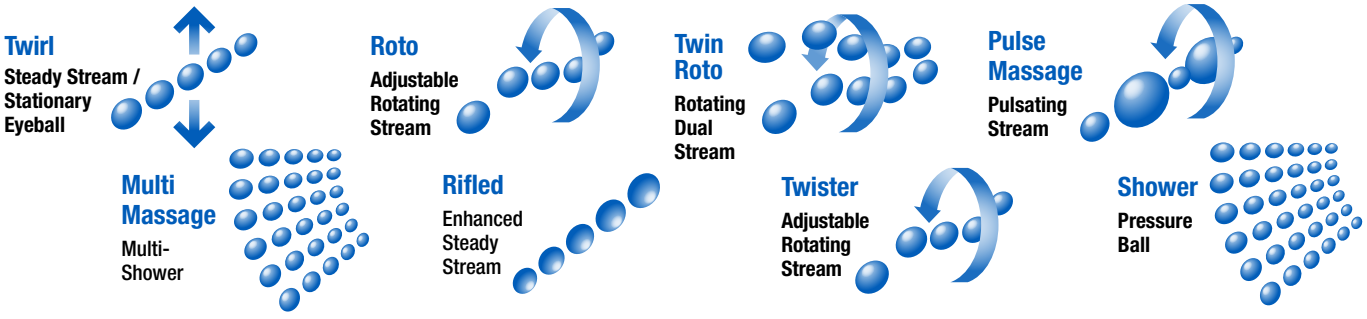


Twister

		List Price
Plastic / NA		
Stainless	239-0830S	43.47

For GLO style internals on all Storm Jets use the prefix 230 and the last number as 8.
230-XXX8

For 100% shut-off Cluster & Mini Jets use the prefix 225.
225-XXXX



Thread-in Jet Patent # US8458825 & CA2644557

Cluster – 2-1/4" Diameter

Case Qty: Plastic-300/box Stainless-200/box



	Directional	List Price
Plastic	229-1540	4.35
Stainless	229-5310S	11.19



	Rifled	List Price
Plastic	239-4370	4.35
Stainless	239-4370S	11.19



	Multi-Massage	List Price
Plastic	229-9720	4.35
Stainless	229-9720S	11.19



	Twin Roto	List Price
Plastic	229-1590	5.90
Stainless	229-5320S	12.75

Mini – 3" Diameter

Case Qty: Plastic-250/box Stainless-180/box



	Directional	List Price
Plastic	229-7920	10.87
Stainless	229-5410S	20.51



	Multi-Massage	List Price
Plastic	229-5480	10.87
Stainless	229-5480S	20.51



	Twin Roto	List Price
Plastic	229-7950	14.58
Stainless	229-5430S	24.23



	Roto	List Price
Plastic	229-0020	14.58
Stainless	229-5420S	24.23



	Pulse Massage	List Price
Plastic	229-0030	16.15
Stainless	229-5440S	25.77

For GLO style internals on all Storm Jets use the prefix 230 and the last number as 8.
230-XXX8

For 100% shut-off Cluster & Mini Jets use the prefix 225.
225-XXXX

LG Poly – 4" Diameter

Case Qty: Plastic 100/box Stainless 45/box



	Directional	List Price
Plastic	229-8160	14.31
Stainless	229-5510S	31.69



	Multi-Massage	List Price
Plastic	229-8290	14.31
Stainless	229-5580S	31.69



	Twin Roto	List Price
Plastic	229-8170	18.03
Stainless	229-5530S	35.41



	Roto	List Price
Plastic	229-8140	18.03
Stainless	229-5520S	35.41

Power – 5" Diameter

Case Qty: Plastic 50/box Stainless 50/box



	Directional	List Price
Plastic	229-7630	18.03
Stainless	229-5610 S	35.41



	Pulse Massage	List Price
Plastic	229-7740	28.57
Stainless	229-5650S	44.72



	Twin Roto	List Price
Plastic	229-7610	24.06
Stainless	229-5640S	39.75



	Roto	List Price
Plastic	229-7600	24.06
Stainless	229-5630S	39.75

Storm Jet Flat Kraton Gaskets

Part No.	Description	List (US $)
711-6910	Mini-Storm Flat Gasket	0.62
711-4410	Poly-Storm Flat Gasket	0.62
711-6608	Power-Storm Flat Gasket	0.83


711-6910

Storm Jet Flat EPDM Gaskets

Part No.	Description	List (US $)
806-0010	Cluster Storm EPDM Flat Gasket	0.83
806-0011	Mini Storm EPDM Flat Gasket	1.00
806-0012	Poly Storm EPDM Flat Gasket	1.36
806-0013	Power Storm EPDM Flat Gasket	2.27


806-0011

Storm Jet Grommet Kraton Gaskets

Part No.	Description	List (US $)
711-5140L	Cluster-Storm Grommet Gasket	0.60
711-6900	Mini-Storm Grommet Gasket	0.62
711-4400	Poly-Storm Grommet Gasket	0.62
711-6500	Power-Storm Grommet Gasket	0.83


711-6900

Storm Jet Grommet EPDM 55 Shore Gaskets

Part No.	Description	List (US $)
806-0018	Cluster Storm 55 Shore EPDM Grommet Gasket	0.95
806-0021	Mini Storm 55 Shore EPDM Grommet Gasket	1.21
806-0022	Poly Storm 55 Shore EPDM Grommet Gasket	1.51
806-0023	Power Storm 55 Shore EPDM Grommet Gasket	2.76


806-0021

Storm Jet Grommet Silicone 45 Shore Gaskets

Part No.	Description	List (US $)
806-0060	Cluster Storm Silicone 45 Shore Grommet Gasket	0.95
806-0061	Mini Storm Silicone 45 Shore Grommet Gasket	1.21
806-0062	Poly Storm Silicone 45 Shore Grommet Gasket	1.51
806-0063	Power Storm Silicone 45 Shore Grommet Gasket	2.76

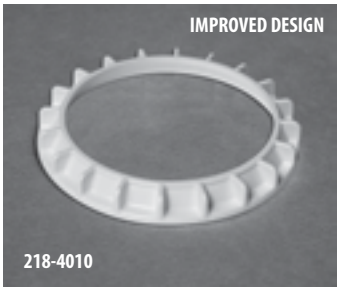

806-0061

Double Seal Gaskets for Storm Jets

Part No.	Description	List (US $)
711-6920	Mini-Storm Double Seal Gasket	1.71
711-4430	Poly Storm Double Seal Gasket	1.95
711-6620	Power Storm Double Seal Gasket	2.37


711-6620
Pat. Pend.







Storm Jet Self-Alignment Rings

Part No.	Description	Case Quantity	List (US $)
218-5150	Cluster-Storm Self-Alignment Ring	500	0.77
718-6960	Mini-Storm Self-Alignment Ring	700	0.98
218-4010	Poly-Storm Self-Alignment Ring - Improved Design	500	1.00
218-6680	Power-Storm Self-Alignment Ring - Regular	160	2.79
218-6680T	Power-Storm Self-Alignment Ring - Thin	160	2.79

Storm Jet Nozzle Reducer

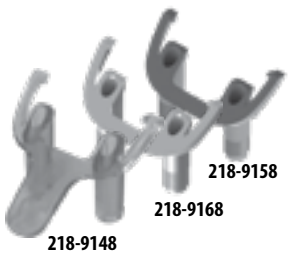
Part No.	Description	Case Quantity	List (US $)
217-0047	Mini-Storm Jet Nozzle Reducer - ¼" Orifice	12	0.40
217-0057	Poly-Storm Jet Nozzle Reducer - ¼" Orifice	12	0.40
218-9460	GLO LED Clip for Cluster Storm Body	–	0.40

NEW!



Pre-2018







Storm Jet Glo Components

Part No.	Description	Case Quantity	List (US $)
218-9118	Glo Tube, Smooth Barb	--	0.29
218-9128	Glo Tube, 3/8"-16 (Sloan Style)	--	0.29
218-9138	Glo Tube, 1/8 MPT (J-Style)	--	0.29
218-9148	Glo Clip, Smooth Barb (Mini / Poly only)	--	0.56
218-9158	Glo Clip 3/8" -16 MPT (Sloan Style) (Mini / Poly only)	--	0.56
218-9168	Glo Clip 1/8" MPT (J-Style) (Mini / Poly only)	--	0.56
218-9428	Glo Saddle, Smooth Barb	--	0.40
218-9438	Glo Saddle, (Sloan Style)	--	0.40
218-9448	Glo Saddle, (J Style)	--	0.40



Storm Hand-Held Jet

Part No.	Description	Case Quantity	List (US $)
229-3357	Poly-Storm Thread-In Hand-Held Jet - 5-Scallop	1	113.42
229-7757	Power-Storm Thread-In Hand-Held Jet - 5-Scallop	12	132.31

5 Scallop



	Whirlpool	List Price
Adjustable	229-5710S	47.62
Non-Adj.	229-5800S	42.09

6 Spoke



	Whirlpool	List Price
Adjustable	229-2090S	47.62
Non-Adj.	229-2000S	42.09

Reverse 6 Spoke



	Whirlpool	List Price
Adjustable	239-5080S	53.14
Non-Adj.	239-5090S	47.60

Eclipse



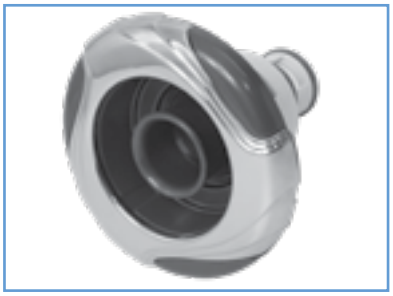
	Whirlpool	List Price
Adjustable	239-0150S	53.14
Non-Adj.	239-1750S	47.60

Reverse Eclipse



	Whirlpool	List Price
Adjustable	239-1740S	53.14
Non-Adj.	239-1750S	47.60

Luxe



	Whirlpool	List Price
Adjustable	239-0020S	53.14
Non-Adj.	239-0010S	47.60

Swirl



	Whirlpool	List Price
Adjustable	229-3020S	46.24
Non-Adj.	229-3040S	40.86

Reverse Swirl



	Whirlpool	List Price
Adjustable	229-2900S	51.59
Non-Adj.	229-2910S	46.22

Revo



	Whirlpool	List Price
Adjustable	229-3050S	46.24
Non-Adj.	229-3060S	40.86

Smooth



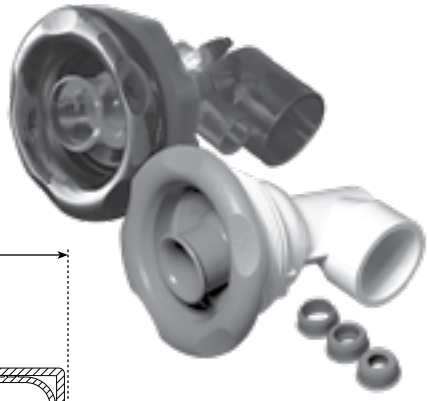
	Whirlpool	List Price
Adjustable	229-2060S	46.24
Non-Adj.	229-2030S	40.86

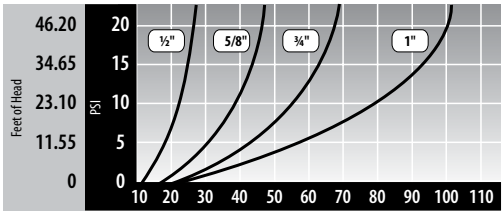
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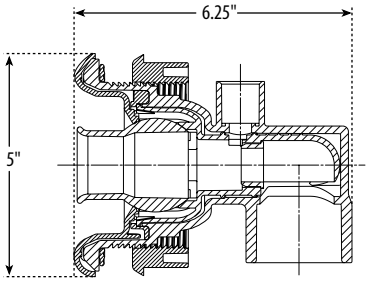
Whirlpool Jets - Specifications

FEATURES:

- Adjustable flow control
- Large 1 ½" socket intake
- Available in smooth face and 5-Scallop escutcheons
- Four water nozzle sizes to choose from: ½" - 5/8" - ¾" and 1" *(see flow chart)*
- Self-alignment ring available for use without silicone (optional)
- Universal on/off control (on = counter clockwise / off = clockwise)
- Available as Glo Jets







Whirlpool Thread-In Jet Body Assemblies

Part No.	Description	Case Quantity	List (US $)
228-2000	Thread-In Body - with Flat Gasket - 1 ½" S x ½" S	25	15.86
228-2000G	Thread-In Body - with Grommet Gasket - 1 ½" S x ½" S	25	15.86
228-2010	Thread-In Body - with Flat Gasket - 1" S x ½" S	25	15.86
228-2010G	Thread-In Body - with Grommet Gasket - 1" S x ½" S	25	15.86
228-2130	Thread-In Same Side Body - with Flat Gasket - 1 ½" S x ½" S	25	15.86
228-2130G	Thread-In Same Side Body - with Grommet Gasket - 1 ½" S x ½" S	25	15.86

***Note**: For Glo Whirlpool Jet bodies, change the last number to 8. ie: 228-2008*

Whirlpool Thread-In Jet Internals

Part No.	Description	Case Quantity	List (US $)
229-2020	Thread-In Non-Adjustable - 5-Scallop	45	26.70
229-2030	Thread-In Non-Adjustable - Smooth	45	26.70
229-2030S	Thread-In Non-Adjustable - Stainless Steel	45	40.86
229-2050	Thread-In Adjustable - 5-Scallop	45	32.10
229-2060	Thread-In Adjustable - Smooth	45	32.10
229-2060S	Thread-In Adjustable - Stainless Steel	45	46.24

***Note**: For Glo Whirlpool Internals, change the part number prefix to 230-xxxx.*

Whirlpool Accessories

Part No.	Description	Case Quantity	List (US)
223-0010	Air Check Valve Adapter - 3/8" SB x ½" Spigot	600	2.34



Spa Jets / **Master Massage Jets**

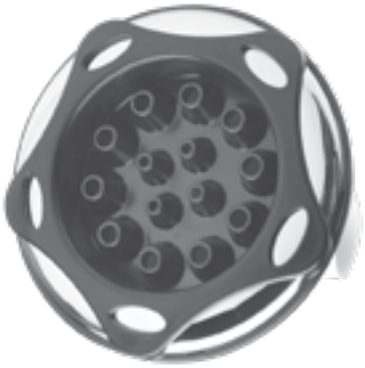
FEATURES:

- Extra large 7 ½" construction
- Available with adjustable flow control
- Easy through-wall installation
- ¾" nozzle = 75 GPM flow
- Two ball bearings for added jet life
- 1 ½" S x 1 ½" S plumbing

For GLO style internals on all Storm Jets use the prefix 235 and the last number as 8.
235-XXX8



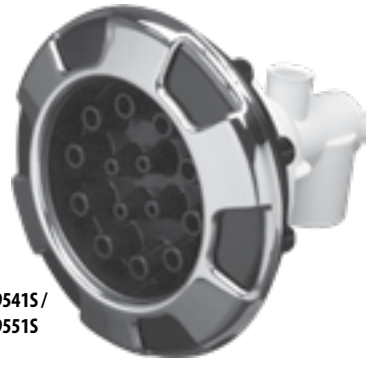
210-7180S / 210-8290S



210-7170S / 210-8280S



235-7158S / 235-8168S



224-9541S / 224-9551S



210-7130S / 210-8270S

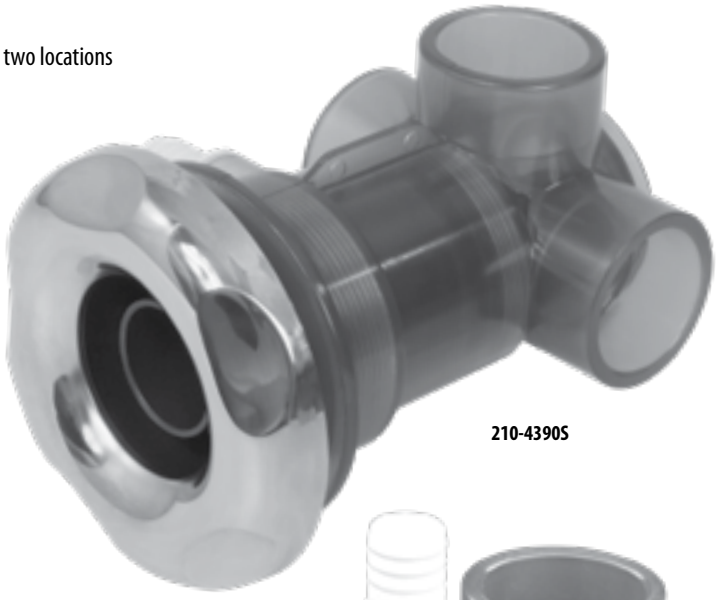
Master Massage Jets

Part No.	Description	Style	Case Quantity	List (US $)
210-8290S	Non-Adjustable Jet Assembly – 1 ½" S x ½" S	6-Spoke - Stainless Steel	10	98.15
210-7180S	Adjustable Jet Assembly – 1 ½" S x ½" S	6-Spoke - Stainless Steel	10	119.85
210-8280S	Non-Adjustable Jet Assembly – 1 ½" S x ½" S	Revo - Stainless Steel	10	98.15
210-7170S	Adjustable Jet Assembly – 1 ½" S x ½" S	Revo - Stainless Steel	10	119.85
210-8270S	Non-Adjustable Jet Assembly – 1 ½" S x ½" S	Swirl - Stainless Steel	10	98.15
210-7130S	Adjustable Jet Assembly – 1 ½" S x ½" S	Swirl - Stainless Steel	10	119.85
224-9540S	Non-Adjustable Jet Assembly – 1 ½" S x ½" S	Nova - Stainless Steel	10	98.15
224-9550S	Adjustable Jet Assembly – 1 ½" S x ½" S	Nova - Stainless Steel	10	119.85
235-8160	Non-Adjustable Jet Assembly – 1 ½" S x ½" S	5-Scallop	10	56.38
235-7150	Adjustable Jet Assembly – 1 ½" S x ½" S	5-Scallop	10	78.11
210-8160S	Non-Adjustable Jet Assembly – 1 ½" S x ½" S	Smooth - Stainless Steel	10	93.35
210-7150S	Adjustable Jet Assembly – 1 ½" S x ½" S	Smooth - Stainless Steel	10	115.16
210-4400S	Non-Adjustable Jet Assembly – 1 ½" S x ½" S	Orion - Stainless Steel	10	100.83
210-4410S	Adjustable Jet Assembly – 1 ½" S x ½" S	Orion - Stainless Steel	10	122.53

Note: *For Glo Massage Jet, Change the part number prefix to 235-xxxx.*

FEATURES:

- Works as a valve to divert water to one or two locations
- Works as a high volume whirlpool jet
- Comes with a built in check valve
- Plumbing size is 1 ½" S x 2" Spigot for all water ports and ¾ RB air port



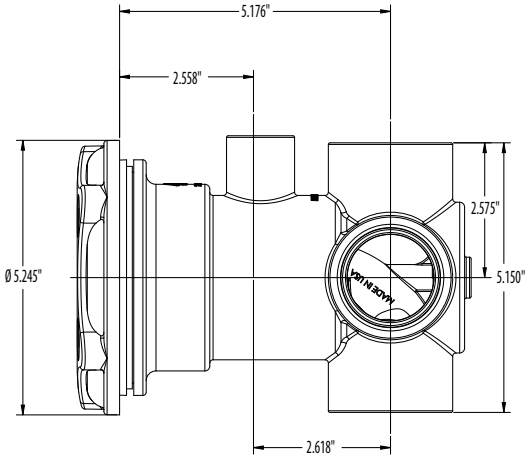
210-4390S



218-4360

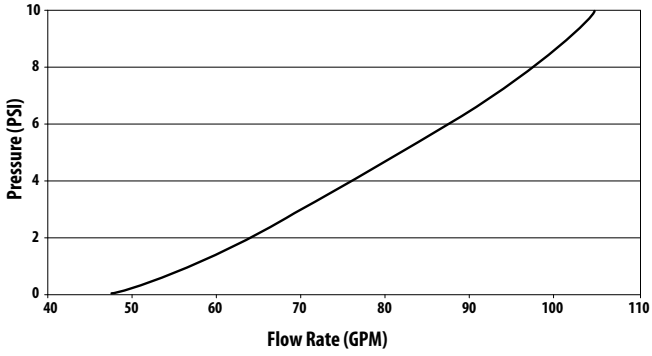


210-4391



NEW HOLE SAW SIZE - 3.25"

Turbo Jet Performance



Turbo Jet

Part No.	Description	Case Quantity	List (US $)
210-4390	1 ½" S x 2" Spigot Water x ¾" RB Air - 5 ¼" Flange Diameter	20	76.04
210-4390S	1 ½" S x 2" Spigot Water x ¾" RB Air - 5 ¼" Flange Diameter - Stainless Steel	20	89.70
218-4360	Turbo Jet Wrench	--	4.23

Spa Jets / **OVO Swim Jet**

FEATURES:

- Extra wide 6 ¼" oval escutcheon
- Oval shaped eyeball
- More than 175GPM flow
- 2" Plumbing for high volume output
- Available as LED Glo Jet

SPECIFICATIONS:

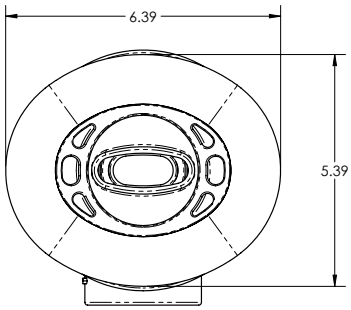
.925 = 100 CPM
1.5" = 175 GPM
Hole saw size = 4 ¾"

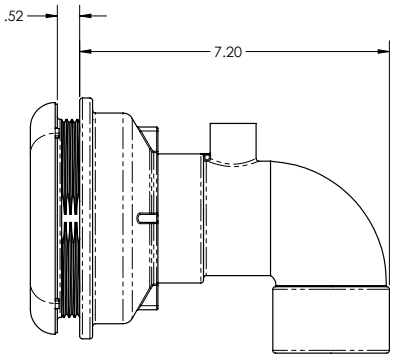


210-7918 S



210-7901 S





Swim Jets - Ovo Ell Style

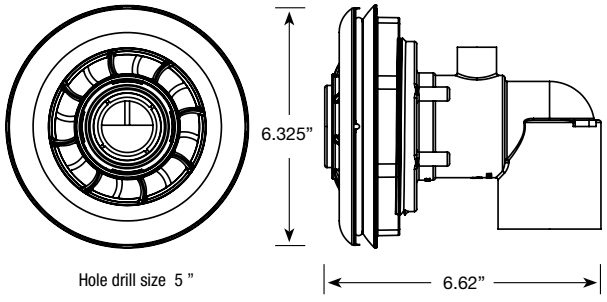
Part No.	Jet Type	Style	Case Qty.	List (US $)
210-7900	Ovo Swim Jet, 2"S X 1/2" S Ell Body Assy, .925" Orifice	Plastic	6	58.55
210-7900S	Ovo Swim Jet, 2"S X 1/2" S Ell Body Assy, .925" Orifice w/Metal	Stainless Steel	6	93.68
210-7908	Glo Ovo Swim Jet, 2"S X 1/2" S Ell Body Assy, .925" Orifice	Plastic	6	66.35
210-7908S	Glo Ovo Swim Jet, 2"S X 1/2" S Ell Body Assy, .925" Orifice w/ Metal	Stainless Steel	6	101.48
210-7910	Ovo Swim Jet, 2"S X 1/2" S Ell Body Assy, 1.5" Orifice	Plastic	6	58.55
210-7910S	Ovo Swim Jet, 2"S X 1/2" S Ell Body Assy, 1.5" Orifice with Metal	Stainless Steel	6	93.68
210-7918	Glo Ovo Swim Jet, 2"S X 1/2" S Ell Body Assy, 1.5" Orifice	Plastic	6	66.35
210-7918S	Glo Ovo Swim Jet, 2"S X 1/2" S Ell Body Assy, 1.5" Orifice with Metal	Stainless Steel	6	101.48

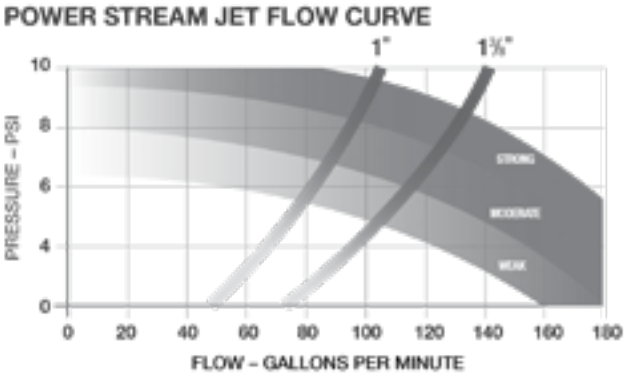
NEW!



FEATURES:

- Through-wall jet installation
- 2" S input for optimum performance
- 1" and 1 3/8" equiv. nozzle sizes
- Nozzles can easily be exchanged
- Sixteen Entraining ports for improved performance
- Four Glo ports for LED lighting
- **Made in America**



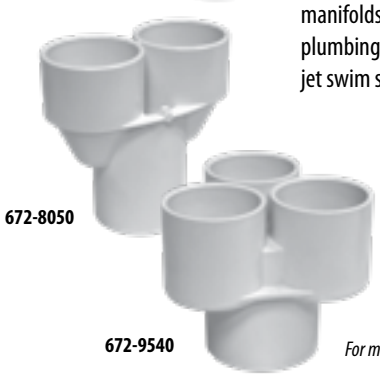




For more info, see page 236.

210-0830S

Waterway's two and three port distributor manifolds allows for easy plumbing of 4, 5 and 6 jet swim systems.



672-8050

672-9540

For more info, see page 236.

Power Stream Swim Jet

Part No.	Description	Case Quantity	List (US $)
210-0828S	Power Stream Swim Jet 1 3/8" Nozzle with Clear/Metal	8	93.69
210-0838S	Power Stream Swim Jet 1" Nozzle with Clear/Metal	8	93.69
672-9540	Distributor Manifold 2.5" Slip X (3) 2"Slips	25	17.00
672-8050	Wye Manifold 2.5" Slip X 2.5" Slip X 2.5" Slip	20	11.76







Old Faithful Jets

Part No.	Description	Case Quantity	List (US $)
210-7430	Ell Body - 2" S Water x ½" S Air - 0.925" Orifice - 90 GPM - 5-Scallop	6	44.62
210-7440	Ell Body - 2" S Water x ½" S Air - 1 ½" Orifice - 175 GPM - 5-Scallop	6	44.62
210-7270S	Ell Body - 2" S Water x ½" S Air - 0.925" Orifice - 90 GPM - Stainless Steel	6	77.41
210-7260S	Ell Body - 2" S Water x ½" S Air - 1 ½" Orifice - 175 GPM - Stainless Steel	6	77.41
210-3910	Straight Body - 2" S Water x ½" S Air - 0.925" Orifice - 90 GPM - 5-Scallop	6	44.62
210-3920	Straight Body - 2" S Water x ½" S Air - 1 ½" Orifice - 175 GPM - 5-Scallop	6	44.62
210-3910S	Straight Body - 2" S Water x ½" S Air - 0.925" Orifice - 90 GPM - Stainless Steel	6	77.41
210-3920S	Straight Body - 2" S Water x ½" S Air - 1 ½" Orifice - 175 GPM - Stainless Steel	6	77.41
210-7300	½" S Air x 2" S Water - .925" Orifice - 90 GPM	6	44.62
210-7310	½" S Air x 2" S Water - 1 ½" Orifice - 175 GPM	6	44.62

See page 26 for Swim Spa configuration diagrams.

Old Faithful Jet Accessories

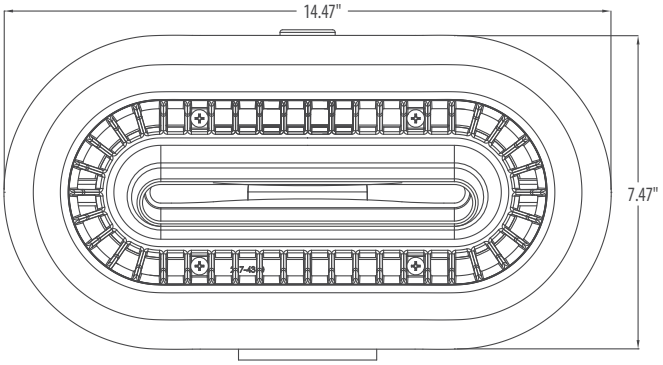
Part No.	Description	Case Quantity	List (US $)
217-7300	1" Nozzle	1	6.01
217-7320	1 ½" Nozzle	1	6.01
711-7300	Gasket	1	5.10
218-1570A	Old Faithful Wrench w/ O-ring	45	18.76

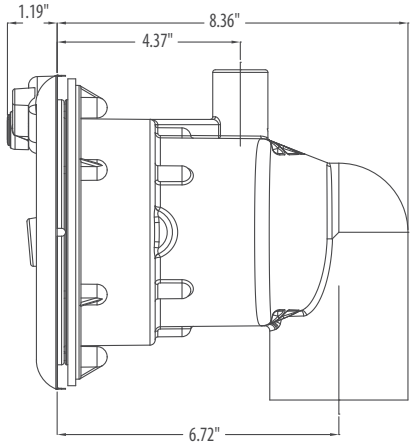
FEATURES:

- 8" wide eyeball
- Eyeball turrets up / down 20%
- Vent Enhancement System
- XL 2 ½" S intake
- Up to 1000 GPM input at 13 PSI



210-5100S





River Jets

Part No.	Description	Case Quantity	List (US $)
210-5100	2 ½" S x 1" Spigot	1	391.83
210-5100S	2 ½" S x 1" Spigot - Stainless Steel	1	465.55
210-5100SL	LED River Jet Assy, 2 ½" S x 1" S - Metal	1	506.58

See page 260 for Swim Spa configuration diagrams.











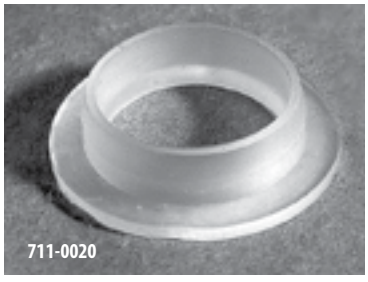


Top-Flo Air Injectors

Part No.	Description	Color	Case Quantity	List (US $)
670-2300	3/8" SB Ell Body Assembly	White	100	7.59
670-2350	3/8" SB Ell Body Assembly	Stainless Steel	100	10.88
670-2310	½" S Ell Body Assembly	White	100	7.59
670-2360	½" S Ell Body Assembly	Stainless Steel	100	10.88
670-2600	3/8" SB Multi-Body Assembly	White	200	6.45
670-2330	1" Spigot Straight Body Assembly	White	50	7.59
670-2380	1" Spigot Straight Body Assembly	Stainless Steel	100	10.88
670-2290	3/8" SB Straight Body Assembly	White	150	7.18
670-2390	3/8" SB Straight Body Assembly	Stainless Steel	150	10.05
670-2500	Ozone Air Injector – 3/8" Barb Body	White	150	7.59
670-2408L	3/8" SB Glo Injector Ell Body Assembly	Clear	150	8.79







Lo-Pro Air Injectors

Part No.	Description	Case Quantity	List (US $)
670-2190	1" Spigot x ¾" - Adapter Style - Stainless Steel	75	10.88
670-2200	3/8" SB - Ell Body	150	7.59
670-2210	3/8" SB - Ell Body - Stainless Steel	150	10.88
711-0020	Grommet Gasket - Low-Pro Air Injector	150	0.60
711-1350	Flat Gasket - Low-Pro Air Injector	150	0.62

FEATURES:

- High performance motor runs cooler and quieter
- High impact resistant construction
- Has been tested, certified and listed by UL to requirements of both UL and CSA standards



Stealth II Blower Assemblies

Part No.	Description	Amps	Case Quantity	List (US $)
700-3011-000	1.0 HP - 110V - 1 ½" S / 2" Spigot	6.7	6	223.06
700-3151-000	1.5 HP - 110V - 1 ½" S / 2" Spigot	7.6	6	253.62
700-3102-000	1.0 HP - 220V - 1 ½" S / 2" Spigot	4.0	6	239.43
700-3152-000	1.5 HP - 220V - 1 ½" S / 2" Spigot	4.2	6	260.77
700-3201-000	2.0 HP - 110V - 1 ½" S / 2" Spigot	8.8	6	320.80
700-3202-000	2.0 HP - 230V - 1 ½" S / 2" Spigot	5.8	6	294.80

See Blower Sizing on page 254 to calculate your required blower size.
Listed price is without cord. Please call Waterway for part number and pricing with cord.


640-0427


640-0401S


640-0437

Low Profile Drain Assemblies

Part No.	Description	Case Quantity	List (US $)
640-0400	¾" Socket / 1" Spigot	100	9.23
640-0420	Shur-Grip - ¾" SB	100	9.23
640-0401S	¾" Socket - Stainless Steel Cover	100	17.20
640-0430	Large Face - ½" S	100	12.93
711-0080	Grommet Gasket	1000	0.60


640-4340


640-4447

90° Ell Lo-Pro Spa Floor Drains

Part No.	Description	Case Quantity	List (US $)
640-4340	¾" S Floor Drain	40	22.78
640-4400	1" S Floor Drain	40	22.78
640-4440	¾" SB Floor Drain	40	22.78

WARNING

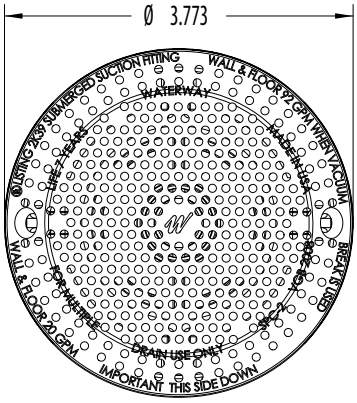
Read and follow all instructions in the Owner's Manual for all equipment. Failure to follow instructions can cause injury and/or death.

VGB 2008

All Waterway Drains, Grates and Suctions are Listed and Certified and Tested in strict accordance to the requirements of ASME A112.19.8-2007 and ASME A112.19.8a-2008 (as defined in CPSC letter dated April 8, 2011). Compliant to the latest Consumer Safety Product Commission Requirements (CPSC).

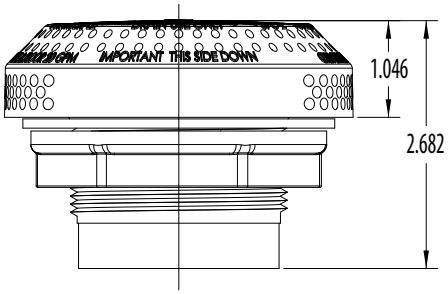


640-3250 VP



FEATURES:

- New Hi-Flo rating of 128 GPM (without vacuum break)
- For portable spas
- Available in 1 ½" S sizes



SPECIFICATIONS:

- Total Open Area: 4.01 sq. in.
- Floor Flow Rate: N/A
- Wall Flow Rate: 128 GPM

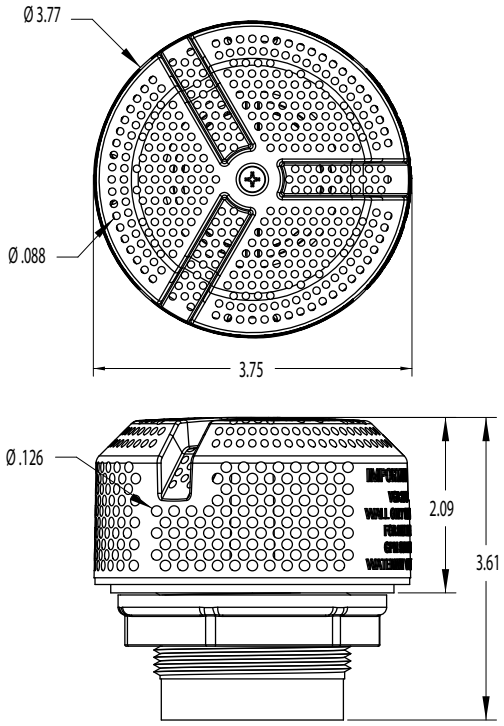
SPC-2 VP - 3.5" Hi-Flo Suctions

Part No.	Description	Case Quantity	List (US $)
640-325x VP	Hi-Flo Suction Assembly - 1 ½" Hex (without Vacuum Break)	80	19.73
640-328x VP	Hi-Flo Suction Assembly - 1 ½" 90° Ell (without Vacuum Break)	80	24.27
640-348x VP	Hi-Flo Suction Assembly - 1 ½" 90° Ell (with 642-4120 VAC Vacuum Break)	80	24.27



Patent Pending

640-3497 VP



SPECIFICATIONS:

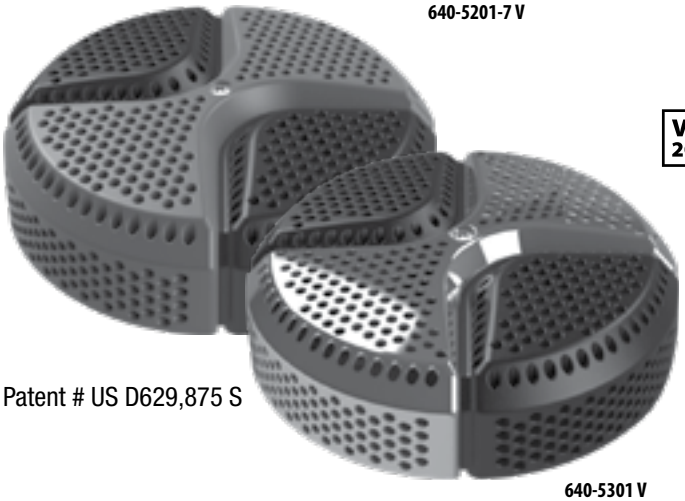
- Total Open Area: 6.24 sq. in.
- Floor Flow Rate: N/A
- Wall Flow Rate: 160 GPM
- For portable spas

3.5" Ultra Hi-Flo Suctions

Part No.	Description	Case Quantity	List (US $)
640-349x VP	3.5" Ultra Hi-Flo Suction - Tall Assembly	50	19.73

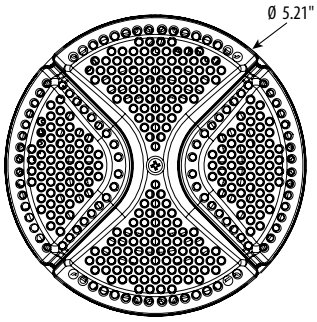
Replace the final x in the part number with the color of your choice (see page 4 for colors).

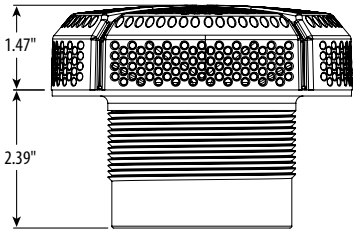
640-5201-7 V



Patent # US D629,875 S

640-5301 V





FEATURES:

- Flow Rate of 252 GPM (portable spas only)
- Available in 2" and 2 ½" S sizes
- Two tone color for additional color coordination
- Available in Stainless Steel / color of your choice

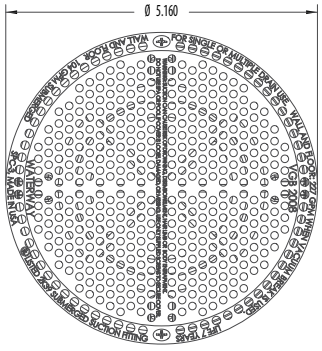
5" Designer Pro Series Suctions

Part No.	Description	Case Quantity	List (US $)
640-520x V	5" Designer Pro Series Suction - 2" S - Two Tone	35	30.94
640-525x V	5" Designer Pro Series Suction - 2 ½" S - Two Tone	35	30.94
640-530x V	5" Designer Pro Series Suction - 2" S - Two Tone Stainless Steel	35	43.78
640-535x V	5" Designer Pro Series Suction - 2 ½" S - Two Tone Stainless Steel	35	43.78

Replace the final x in the part number with the color of your choice (see page 4 for colors).

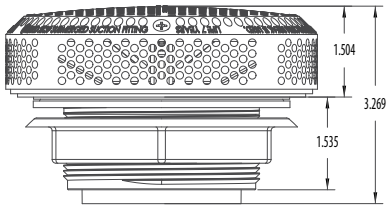


640-3797 V



SPECIFICATIONS:

- Total Open Area: 9.02 sq. in.



FEATURES:

- New Super Hi-Flo Rating of 251 GPM (portable spas only)
- Available in 2" and 2 ½" S sizes
- 2 ½" can be used with fittings (on next page)

SPC-3 VP - 5" Super Hi-Flo Suctions

Part No.	Description	Case Quantity	List (US $)
640-378x V	5" Super Hi-Flo Suction Assembly - 2" S	35	27.40
640-379x V	5" Super Hi-Flo Suction Assembly - 2 ½" S	35	27.40
640-3570S V	5" Super Hi-Flo Suction Assembly - 2" S - Stainless Steel	35	40.24
640-3580S V	5" Super Hi-Flo Suction Assembly - 2 ½" S - Stainless Steel	35	40.24

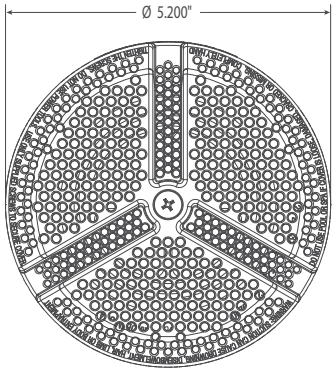
Replace the final x in the part number with the color of your choice (see page 4 for colors).

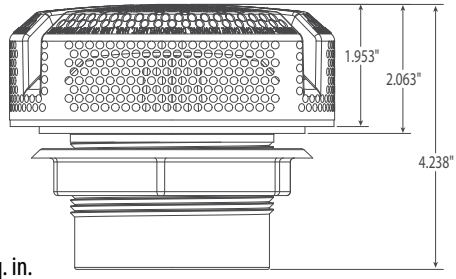


Patent Pending

640-3937 V

VGB 2008





FEATURES:

- Ultra Flo Rating of 264 GPM (portable spas only)
- Available in 2" and 2 ½" S sizes
- 2 ½" can be used with fittings (below)

SPECIFICATIONS:

- Total Open Area: 11.87 sq. in.

5" Ultra Flo Suctions

Part No.	Description	Case Quantity	List (US $)
640-394x VP	5" Ultra Flo Suction Assembly - 2" S	35	27.73
640-393x VP	5" Ultra Flo Suction Assembly - 2 ½" S	35	27.73

Replace the final x in the part number with the color of your choice (see page 4 for colors)



642-3680



642-3700



642-3610

Non-Vacuum Break Fittings for 2 ½" S Ultra Flo Suctions

Part No.	Description	Case Quantity	List (US $)
642-3680	2 ½" x 2" S Straight Adapter	80	7.20
642-3700	2 ½" x 2" S 90° Ell Adapter	55	7.98
642-3610	2 ½" S 90° Ell Adapter	70	8.45
642-3730	2" S 90° Threaded Ell Adapter	35	7.20
642-3750	2" Threaded Straight Adapter	50	7.20

Waterway's new toggle air control allows the user to simply toggle the air on or off without having to grab a knob or turn a lever. Makes air adjustments easy!

FEATURES:

- Ergonomically designed
- Two Body sizes available: 2 1/4" short and 3" tall
- Blower assist tee available for tall control
- Top accessible for easy cleaning
- Two body styles to choose from: short and extra short
- Available in a variety of colors



650-1010



650-2010

Toggle Air Controls

Part No.	Description	Case Quantity	List (US $)
650-2010	Toggle On/Off Air Control Textured (Short)	100	18.99
650-1010	Toggle On/Off Air Control Textured (Long)	100	20.51

FEATURES:

- Low-Profile design
- Compression molded silicone umbrella valve
- Two handle styles to choose from: standard and stainless steel
- Two body styles to choose from: short and extra short
- Available in a variety of colors

660-4400S

660-4400



660-4410S

660-4410



660-4449-DSG



660-4459DSG-PS

TruSeal Air Controls

Part No.	Description	Case Quantity	List (US $)
660-4400	Short Body - 2 ½"	150	15.41
660-4400S	Short Body - 2 ½" - Stainless Steel	150	17.99
660-4410	Extra Short Body - 2"	200	15.41
660-4410S	Extra Short Body - 2" - Stainless Steel	200	17.99
660-4450	Extra Short Body - 2" - "S" Style	200	15.41
660-4440	Low Profile - 1" - 6-Spoke Style	30	15.41


660-3570


660-3560


660-3510


660-3608 L


660-3580


660-5510


660-3599-DSGS


660-6011


660-3910

Top-Access Air Controls

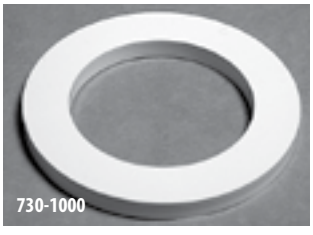
Part No.	Description	Case Quantity	List (US $)
660-3570	1" Top-Access Air Control - Notched Style	100	20.67
660-3560	1" Top-Access Air Control - Scalloped Style	100	20.67
660-3510	1" Top-Access Air Control - 6-Spoke Style	100	20.67
660-3520	1" Top-Access Air Control - 6-Spoke Style - Two-Tone	100	21.81
660-3530	1" Top-Access Air Control - Revo Style - Two-Tone	100	21.81
660-3600	1" Top-Access Air Control - "S" Style - Two-Tone	100	21.81
660-3580	1" Top-Access Air Control - 5-Scallop Style - Textured	150	21.29
660-6011	1" Top-Access Air Control - Revo Style	--	20.06
660-5510	1" Top-Access Air Control - Eclipse Style - Two Tone	100	21.81
660-3590	1" Top-Access Air Control - Humpback Style	--	21.81
660-3500	1" Top-Access Air Control - Star Style	--	21.81
660-3910	1" Top-Access Air Control - Luxe Style	100	21.81

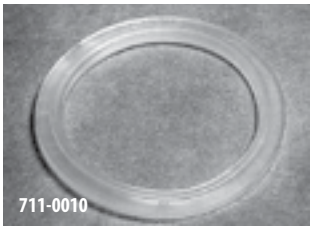
Note:

• Contact your Sales Representative to order Aura or Glo style Top Side Valves


413-4180


916-0030


730-1000


711-0010

Air Control Options

Part No.	Description	Case Quantity	List (US $)
413-4180	Blower Assist Tee - F.A.S. 1" S	200	5.46
413-4200	Blower Assist Tee - F.A.S. ½" S	100	5.46
916-3001	Escutcheon - Polished Chrome *(fits 660-3000)*	--	17.07
916-0030	Trim Ring - Stainless Steel	--	2.08
730-1000	Spacer and Gasket Assembly	500	1.30
711-0010	Gasket	1000	0.62

Orion Diverter Valve with Positive Seal



601-7711-8

601-7731-8

601-7701-8



601-7721-8

601-7721-8 detail
Positive Seal

Positive Seal Diverter Valves

Part No.	Description	Style	Case Qty.	List (US $)
601-7701-8	1" Top Access Positive Seal Horiz Valve	Orion	90	28.92
601-7711-8	¾" SB Positive Seal Diverter On/Off Valve	Orion	90	28.92
601-7721-8	1" Top Access Positive Seal Diverter Valve	Orion	90	28.92
601-7731-8	¾" SB Flo-Thru On/Off Valve	Orion	90	28.92

Elegant Top Side Controls to Match Our Luxe Series Jets



600-3910

600-3960

Luxe Top Side Valves

Part No.	Description	Style	Case Quantity	List (US $)
600-3960*	1" Diverter Valve	Luxe	90	26.98
600-3910*	2" Top Access Diverter Valve	Luxe	10	39.05

Note: *Contact your Sales Representative to order Aura or Glo style Top Side Valves*

Exquisite Top Sides Now Available to Match Our New Eclipse Series Jets



600-5510

600-5520

Eclipse Top Side Valves

Part No.	Description	Style	List (US $)
600-551x*	2" Top Access Diverter Valve Assy, Texture, 2-Tone	Eclipse	41.53
600-552x*	1" Top Access Diverter Valve Assy, Texture, 2-Tone	Eclipse	24.11

Note: *Contact your Sales Representative to order Aura or Glo style Top Side Valves*

*To change 1" diverter valves to positive seal valves, use the prefix in the part number. (see above for sample).

Top Side Valves / **5-Scallop Valves**


600-4707


600-4717

FEATURES:
- Shuts off 100% with a 180° turn
- Available in two body sizes: ¾" Socket or ¾" Shur-Grip
- Used for waterfalls, water features or neck jets
- Available in multiple colors

Deluxe 180° Shut Off Valves

Part No.	Description	Style	Case Quantity	List (US $)
600-4700	¾" S x ¾" S	5-Scallop	90	28.92
600-4710	Shur-Grip - ¾" SB x ¾" SB	5-Scallop	90	28.92

Note: *Contact your Sales Representative to order Aura or Glo style Top Side Valves*


600-4367


600-4377


600-4387


600-4607

FEATURES:
- 100% shut off
- Three different body styles to choose from
- Horizontal model is submersible
- Top access for easy servicing
- Works great for waterfalls and neck jets
- Sleeve allows for on/off adjustments with fewer turns


602-4440

On / Off Turn Valves

Part No.	Description	Style	Case Quantity	List (US $)
600-4360*	1" Vertical - Single Port	5-Scallop	100	27.27
600-4370*	1" Vertical - Dual Port	5-Scallop	90	28.91
600-4380*	1" Horizontal - Dual Port	5-Scallop	100	28.91
600-4600*	1 ½" Vertical - Single Port	5-Scallop	40	34.14
602-4440*	Sleeve *(low volume applications only)*	--	40	1.01

Note: *Contact your Sales Representative to order Aura or Glo style Top Side Valves*


600-4227


600-4217


600-4237

FEATURES:
- Diverts water to one or two ports
- Top access for easy service
- 2" model wall fittings are sealed with o-rings
- 1" models available with one or two ports
- Available in multiple colors


600-3027


600-3047

Top Access Diverter Valves

Part No.	Description	Style	Case Quantity	List (US $)
600-4220*	1" Vertical - 1-Port	5-Scallop	90	26.88
600-4210*	1" Vertical - 2-Port	5-Scallop	90	26.88
600-4230*	1" Horizontal - 2-Port	5-Scallop	90	26.88
600-3020*	2" Horizontal - 2-Port	5-Scallop	15	37.91
600-3040*	2" Vertical - 2-Port	5-Scallop	15	37.91

Note: *Contact your Sales Representative to order Aura or Glo style Top Side Valves. *To change 1" diverter valves to positive seal valves, use the prefix in the part number. (see page 167 for sample).*

FEATURES:

- Shuts off 100% with a 180° turn
- Available in two body sizes: ¾" Socket or ¾" Shur-Grip
- Used for waterfalls, water features or neck jets
- Available in multiple colors

Deluxe 180° Shut Off Valves

Part No.	Description	Style	Case Quantity	List (US $)
600-4720	¾" S x ¾" S	6-Spoke	90	28.92
600-4730	Shur-Grip – ¾" SB x ¾" SB	6-Spoke	90	28.92
600-3190	¾" S x ¾" S	6-Spoke - Two Tone	90	30.30
600-3210	Shur-Grip – ¾" SB x ¾" SB	6-Spoke - Two Tone	90	30.30

Note: *Contact your Sales Representative to order Glo style Top Side Valves*



600-4721
Pat. #D,597,863 S



600-4731
Pat. #D,597,863 S

FEATURES:

- 100% shut off
- Three different body styles to choose from
- Horizontal model is submersible
- Top access for easy servicing
- Works great for waterfalls and neck jets
- Sleeve allows for on/off adjustments with fewer turns



602-4440



600-4401
Pat. #D,597,863 S



600-4411
Pat. #D,597,863 S

On / Off Turn Valves

Part No.	Description	Style	Case Quantity	List (US $)
600-4400*	1" Vertical - Single Port	6-Spoke	100	27.27
600-4410*	1" Vertical - Dual Port	6-Spoke	90	28.91
600-4420*	1" Horizontal - Dual Port	6-Spoke	100	28.91
600-3180*	1" Vertical - Dual Port	6-Spoke - Two Tone	90	28.42
602-4440*	Sleeve *(low volume applications only)*	--	40	1.01

Note: *Contact your Sales Representative to order Glo style Top Side Valves*



600-4421
Pat. #D,597,863 S

FEATURES:

- Diverts water to one or two ports
- Top access for easy service
- 2" model wall fittings are sealed with o-rings
- 1" models available with one or two ports
- Available in multiple colors



600-3611
Pat. #D,597,863 S



600-3601
Pat. #D,597,863 S



600-3621
Pat. #D,597,863 S

Top Access Diverter Valves

Part No.	Description	Style	Case Quantity	List (US $)
600-3610*	1" Vertical - 1-Port	6-Spoke	70	26.64
600-3600*	1" Vertical - 2-Port	6-Spoke	70	26.64
600-3620*	1" Horizontal - 2-Port	6-Spoke	70	27.90
600-3220*	2" Horizontal - 2-Port	6-Spoke	15	37.91
600-3230*	2" Vertical - 2-Port	6-Spoke	15	37.91
600-3150*	1" Vertical - 1-Port	6-Spoke - Two Tone	90	27.80
600-3160*	1" Vertical - 2-Port	6-Spoke - Two Tone	90	27.80
600-3170*	1" Horizontal - 2-Port	6-Spoke - Two Tone	90	27.80
600-3140*	2" Vertical - 2-Port	6-Spoke - Two Tone	15	40.22



600-3221
Pat. #D,597,863 S



600-3231
Pat. #D,597,863 S

Note: *Contact your Sales Representative to order Glo style Top Side Valves. *To change 1" diverter valves to positive seal valves, use the prefix in the part number. (see page 167 for sample).*


600-4787


600-4757

FEATURES:
- Shuts off 100% with a 180° turn
- Available in two body sizes: ¾" Socket or ¾" Shur-Grip
- Used for waterfalls, water features or neck jets
- Available in multiple colors

Deluxe 180° Shut Off Valves

Part No.	Description	Style	Case Quantity	List (US $)
600-4750	Shur-Grip - ¾" SB x ¾" SB	Notched	100	28.92
600-4780	¾" S x ¾" S	Notched	100	28.92

Note: *Contact your Sales Representative to order Aura or Glo style Top Side Valves*


600-4207


600-4347


600-4337

FEATURES:
- Diverts water to one or two ports
- Top access for easy service
- 2" model wall fittings are sealed with o-rings
- 1" models available with one or two ports
- Available in multiple colors


600-3017


600-3067

Top Access Diverter Valves

Part No.	Description	Style	Case Quantity	List (US $)
600-4200	1" Vertical - 1-Port	Notched	90	26.88
600-4340	1" Vertical - 2-Port	Notched	90	26.88
600-4330	1" Horizontal - 2-Port	Notched	90	26.88
600-3010	2" Horizontal - 2-Port	Notched	15	37.91
600-3060	2" Vertical - 2-Port	Notched	15	37.91

Note: *Contact your Sales Representative to order Aura or Glo style Top Side Valves*

FEATURES:
- Shuts off 100% with a 180° turn
- Available in two body sizes: ¾" Socket or ¾" Shur-Grip
- Used for waterfalls, water features or neck jets
- Available in multiple colors



600-3259DSG-1
Pat. #D,597,863 S

Deluxe 180° Shut Off Valves

Part No.	Description	Style	Case Quantity	List (US $)
600-3280	¾" S x ¾" S	Revo - Two Tone	90	30.30
600-3250	Shur-Grip – ¾" SB x ¾" SB	Revo - Two Tone	90	30.30

Note: *Contact your Sales Representative to order Aura or Glo style Top Side Valves*

FEATURES:
- 100% shut off
- Three different body styles to choose from
- Horizontal model is submersible
- Top access for easy servicing
- Works great for waterfalls and neck jets
- Sleeve allows for on/off adjustments with fewer turns


602-4440



600-3299DSG-7
Pat. #D,597,863 S

On / Off Turn Valves

Part No.	Description	Style	Case Quantity	List (US $)
600-3290	1" Vertical - Dual Port	Revo - Two Tone	90	28.42
602-4440	Sleeve *(low volume applications only)*	--	40	1.01

Note: *Contact your Sales Representative to order Aura or Glo style Top Side Valves*

FEATURES:
- Diverts water to one or two ports
- Top access for easy service
- 2" model wall fittings are sealed with o-rings
- 1" models available with one or two ports
- Available in multiple colors



600-3639DSG-1
Pat. #D,597,863 S



600-3339DSG-1
Pat. #D,597,863 S

Top Access Diverter Valves

Part No.	Description	Style	Case Quantity	List (US $)
600-3630	1" Vertical - 1-Port	Revo - Two Tone	90	27.80
600-3330	1" Vertical - 2-Port	Revo - Two Tone	90	27.80
600-3340	1" Horizontal - 2-Port	Revo - Two Tone	90	27.80
600-3110	2" Vertical - 2-Port	Revo - Two Tone	15	40.22

Note: *Contact your Sales Representative to order Aura or Glo style Top Side Valves*



600-3349DSG-1
Pat. #D,597,863 S



600-3119DSG-1
Pat. #D,597,863 S

Top Side Valves / **"S" Style Valves**

FEATURES:
- Shuts off 100% with a 180° turn
- Available in two body sizes: ¾" Socket or ¾" Shur-Grip
- Used for waterfalls, water features or neck jets
- Available in multiple colors



600-3309DSG-1



600-3269DSG-PS

Deluxe 180° Shut Off Valves

Part No.	Description	Style	Case Quantity	List (US $)
600-3300	¾" S x ¾" S	"S" Style - Two Tone	90	30.30
600-3260	Shur-Grip – ¾" SB x ¾" SB	"S" Style - Two Tone	90	30.30

Note: *Contact your Sales Representative to order Aura or Glo style Top Side Valves*

FEATURES:
- 100% shut off
- Three different body styles to choose from
- Horizontal model is submersible
- Top access for easy servicing
- Works great for waterfalls and neck jets
- Sleeve allows for on/off adjustments with fewer turns



602-4440



600-3319DSGSTS

On / Off Turn Valves

Part No.	Description	Style	Case Quantity	List (US $)
600-3310	1" Vertical - Dual Port	"S" Style - Two Tone	90	28.42
602-4440	Sleeve *(low volume applications only)*	--	40	1.01

Note: *Contact your Sales Representative to order Aura or Glo style Top Side Valves*

FEATURES:
- Diverts water to one or two ports
- Top access for easy service
- 2" model wall fittings are sealed with o-rings
- 1" models available with one or two ports
- Available in multiple colors



600-3249DSG-1



600-3279DSG-1

Top Access Diverter Valves

Part No.	Description	Style	Case Quantity	List (US $)
600-3240	1" Vertical - 1-Port	"S" Style - Two Tone	90	27.80
600-3270	1" Vertical - 2-Port	"S" Style - Two Tone	90	27.80
600-3320	1" Horizontal - 2-Port	"S" Style - Two Tone	90	27.80
600-3030	2" Vertical - 2-Port	"S" Style - Two Tone	15	40.22

Note: *Contact your Sales Representative to order Aura or Glo style Top Side Valves*



600-3329DSG-PS

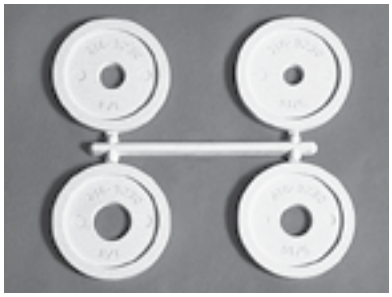


600-3039DSG-1

FEATURES:

- Restricts the amount of flow through On/Off Valves to any water feature
- Break off any one of the four different nozzle sizes for desired water flow

3/16" – 4 GPM ¼" – 7 GPM
5/16" – 10 GPM 3/8" – 15 GPM



Water Restrictor Washer Tree

Part No.	Description	Case Quantity	List (US $)
218-9230	Water Restrictor Washer Tree	90	1.48



711-4600



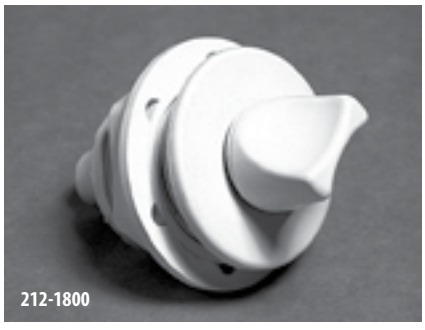
711-4310



711-3050

Valve Gaskets

Part No.	Description	Case Quantity	List (US $)
711-4310	1" Flat Gasket	100	0.49
711-4600	1 ½" Gasket	100	0.70
711-3050	2" Gasket	100	0.83



212-1800

Air Bleed Assembly

Part No.	Description	Case Quantity	List (US $)
212-1800	3/8" Barb	75	13.98

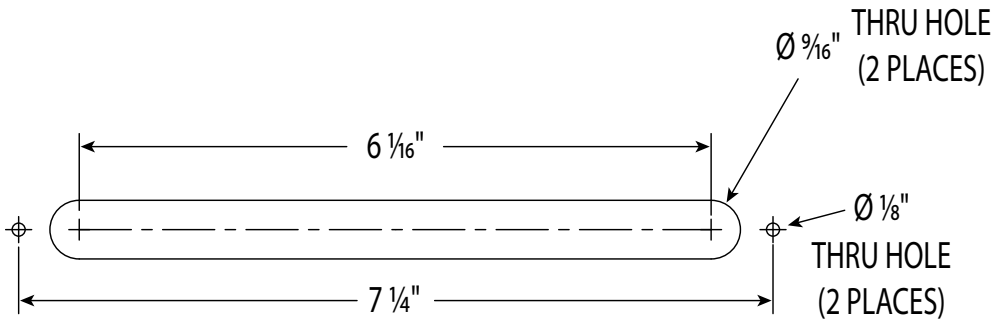
6" AQUA FALL

FEATURES:

- New 304 Stainless Steel escutcheon
- Simple design - less parts
- ¾" S intake
- 3-12 GPM



675-4000S



Pat. #6,450,418

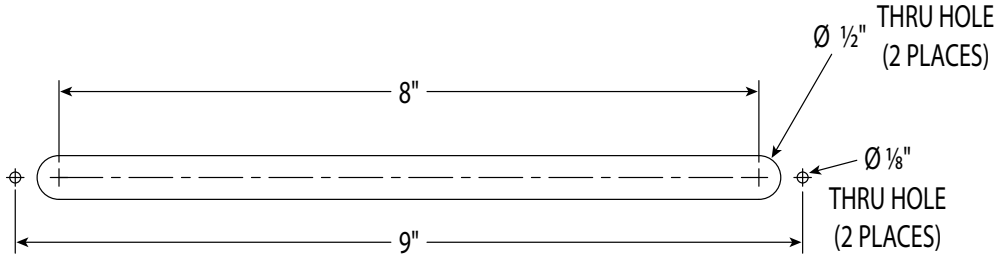
8" LOW PROFILE AQUA FALL

FEATURES:

- Simple design - less parts
- Low body profile
- 1" S intake
- 4-15 GPM



675-4900



Aqua Falls			
Part No.	Description	Case Quantity	List (US$)
675-4900	8" Low Profile Aqua Fall	40	77.05
675-4900S	8" Low Profile Aqua Fall - Stainless Steel Blade	40	89.33
675-4000	6" Aqua Fall	50	38.55
675-4000S	6" Aqua Fall - Stainless Steel Blade	50	51.21

Note: See page 177 for LED Aqua Falls.

FEATURES:

- Adjustable Flo Control
- Single 3/4" SB Plumbing
- 316 Stainless Steel Escutcheon
- LED compatible
- NOW available in Colored Plastic!

Patent No. US6450418



675-3519DSG



675-3518LS

3½" Adjustable Cascade

Part No.	Description	Case Quantity	List (US$)
675-3510	3 ½" Adjustable Cascade w/plastic blade	40	54.01
675-3518LS	3 ½" LED Adjustable Cascade w/metal blade	40	60.88

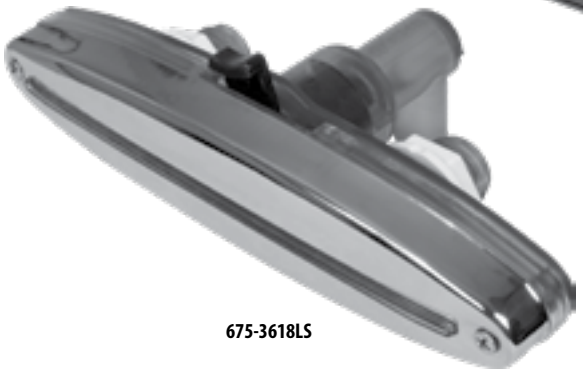
Patent No. US6450418

FEATURES:

- Adjustable Flo Control
- Single 3/4" SB Plumbing
- 316 Stainless Steel Escutcheon
- LED compatible
- NOW available in Colored Plastic!



675-3619DSG



675-3618LS

7" Adjustable Cascade

Part No.	Description	Case Quantity	List (US$)
675-3610	7" Adjustable Cascade w/plastic blade	15	59.05
675-3618LS	7" LED Adjustable Cascade w/metal blade	15	69.56

FEATURES:

- Extremely easy to install
- Built-in diffuser
- Easily serviceable

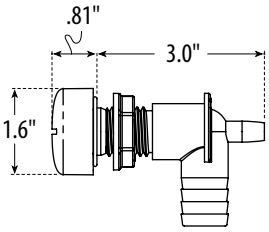
Pat. #6,450,418



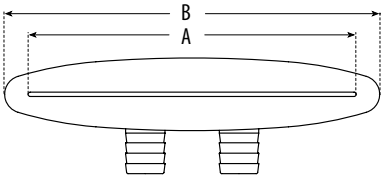
675-3600



675-3500



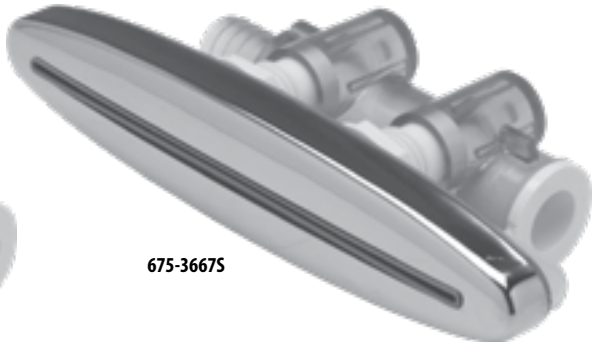
hole saw size: (2) x 7/8" diameter



Part No.	"A" Dimension	"B" Dimension
675-3500	3.5"	4.31"
675-3600	7"	8"



675-3557S



675-3667S

Waterway Cascades

Part No.	Description	Case Quantity	List (US $)
675-3500	3 ½" Cascade - (2) ¾" RB	20	35.27
675-3500S	3 ½" Cascade - (2) ¾" RB - Stainless Steel Blade	20	41.94
675-3508L	3 ½" LED Cascade - (2) ¾" RB	60	42.05
675-3508LS	3 ½" LED Cascade - (2) ¾" RB - Stainless Steel Blade	60	48.82
675-3550	3 ½" Cascade - (2) ¾" RB - with Manifold	--	39.33
675-3550S	3 ½" Cascade - (2) ¾" RB - Stainless Steel Blade - with Manifold	--	46.02
675-3558L	3 ½" LED Cascade - (2) ¾" RB - with Manifold	25	46.11
675-3558LS	3 ½" LED Cascade - (2) ¾" RB - Stainless Steel Blade - with Manifold	25	47.48
675-3600	7" Cascade - (2) ¾" RB	20	38.57
675-3600S	7" Cascade - (2) ¾" RB - Stainless Steel Blade	80	46.08
675-3608L	7" LED Cascade - (2) ¾" RB	20	47.97
675-3608LS	7" LED Cascade - (2) ¾" RB - Stainless Steel Blade	20	55.48
675-3660	7" Cascade - (2) ¾" RB - with Manifold	--	43.98
675-3660S	7" Cascade - (2) ¾" RB - Stainless Steel Blade - with Manifold	--	51.49
675-3668L	7" LED Cascade - (2) ¾" RB - with Manifold	20	53.39
675-3668LS	7" LED Cascade - (2) ¾" RB - Stainless Steel Blade - with Manifold	20	60.90

Spillover WATERFALL





FEATURES:

- Utilizes built-in spa reservoir for water housing
- Sleek, simplistic design
- Adjustable flow control
- Available with glamorous LED feature
- Now top accessible

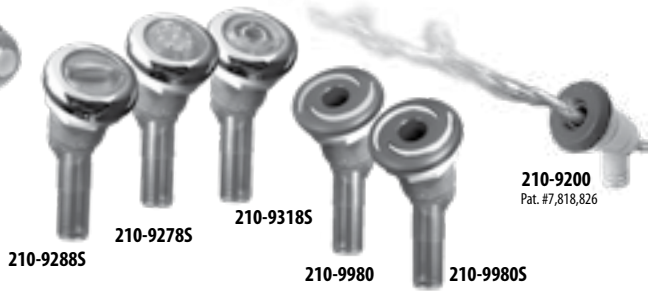
Patent #US9,027,848

12" and 18" Spillover Waterfall

Part No.	Description	Case Quantity	List (US$)
675-5330	Adjustable 12" Spillover Waterfall	1	91.98
675-5330L	Adjustable 12" LED Spillover Waterfall	1	108.54
675-5300	Adjustable 18" Spillover Waterfall	1	112.56
675-5300L	Adjustable 18" LED Spillover Waterfall	1	128.67
675-5280	Non Adjustable 18" Spillover Waterfall	1	95.62
675-5280L	Non Adjustable 18" LED Spillover Waterfall	1	111.72
TW027	12" Spillover Waterfall Negative Mold Insert	1	110.38
TW025	18" Spillover Waterfall Negative Mold Insert	1	147.17



Pat. #6,450,418 and 6,595,675



LED Water Features

Part No.	Description	Case Quantity	List (US $)
675-4008L	6" LED Aqua Fall	50	47.19
675-4908L	8" Low Profile LED Aqua Fall	40	88.37
210-9200	Flush Mount LED Water Feature	100	60.45
675-3508L	3 ½" LED Cascade - (2) ¾" RB	60	43.32
675-3508LS	3 ½" LED Cascade - (2) ¾" RB - Stainless Steel Blade	60	50.29
675-3608L	7" LED Cascade - (2) ¾" RB	20	49.40
675-3608LS	7" LED Cascade - (2) ¾" RB - Stainless Steel Blade	20	57.14
675-3708L	9" LED Cascade - (2) ¾" RB	20	97.49
675-3708LS	9" LED Cascade - (2) ¾" RB - Stainless Steel Blade	20	97.49
210-9318S	Standard Rope Water Feature, 3/4 SB	100	36.18
210-9278S	Fountain Water Feature, 3/4 SB	100	36.18
210-9288S	Slotted Water Feature, 3/4 SB	100	36.18
210-9308S	Standard Rope Water Feature, 3/4 RB	100	36.18
210-9258S	Fountain Water Feature, 3/4 RB	100	36.18
210-9268S	Slotted Water Feature, 3/4 RB	100	36.18
210-9980S	Flush Mount Water Feature - Eclipse - Metal	100	35.13

Also available in plastic.

FEATURES:

- Pops up when pressurized
- Drops down when depressurized
- Solid 7/16" rod shaped water stream, projects at 45° angle
- Available in several body styles and colors
- Maximum flow 4.76 GPM @ 3 PSI = 48" cascade

Patent # 8,011,604

WATER FEATURE pop ups



675-0707



675-0807



675-0791L



675-0908L

Pop-Up Water Features

Part No.	Description	Case Quantity	List (US$)
675-0700	Standard - ¾" RB	50	43.00
675-0710	Standard - ¾" SB	50	43.00
675-0720	Standard - ¾" S	50	43.00
675-0730	Standard - ½" S	50	43.00
675-0800	Top-Access - ¾" RB	50	43.00
675-0810	Top-Access - ¾" SB	50	43.00
675-0820	Top-Access - ¾" S	50	43.00
675-0830	Top-Access - ½" S	50	43.00
675-0790L	LED Pop-Up Water Feature - ¾" RB	50	50.72
675-0908L	LED Pop-Up Water Feature - ¾" RB	50	50.72
675-0918L	LED Pop-Up Water Feature - ¾" SB	50	50.72
675-0928L	LED Pop-Up Water Feature - ¾" S	50	50.72
675-0938L	LED Pop-Up Water Feature - ½" S	50	50.72

FEATURES:

- Pops up when pressurized
- Drops down when depressurized
- Solid 7/16" rod shaped water stream, projects at 45° angle
- Available in several body styles and colors
- Maximum flow 4.76 GPM @ 3 PSI = 48" cascade



675-2000
US Pat. 8214 935



Pop-Up Water Features

Part No.	Description	Case Quantity	List (US$)
675-2000	LED Pop-Up 180° Dome Feature	32	49.36
675-2000S	LED Pop-Up 180° Dome Feature - Stainless Steel Cap	32	54.07



633-7078



633-7088



633-7068



630-0008



630-5008



630-K008



630-K008S



630-0068S



630-6058S

LED Lights

Part No.	Description	Case Quantity	List (US $)
633-7078	½" Threaded Faceted Light Lens Assembly	500	2.17
633-7088	½" Threaded Hex Style Light Lens Assembly	500	2.17
633-7068	1" Threaded Facet Light Lens Assembly with LED Sleeve	200	4.15
630-0068	Mini 2 1/8" Spa Light Assembly for Single LED	300	11.58
630-0068S	Mini 2 1/8" Spa Light Assembly for Single LED Stainless Steel	300	13.35
630-0008	Mini 2 1/8" Spa Light Assembly - Plastic Only	300	11.58
630-0008S	Mini 2 1/8" Spa Light Assembly - Stainless Steel Escutcheon	120	13.35
630-5008	Standard 3 ½" Spa Light Assembly - Plastic Only	80	18.61
630-K008	5" Jumbo Spa Light Assembly - Plastic Only	40	43.58
630-K008S	5" Jumbo Spa Light Assy - Plastic Only - No Lenses - MTL Esc.	40	52.58
630-6058S	XL Jumbo Spa Light 7.5" with Stainless Steel Escutcheon		78.92



630-0038

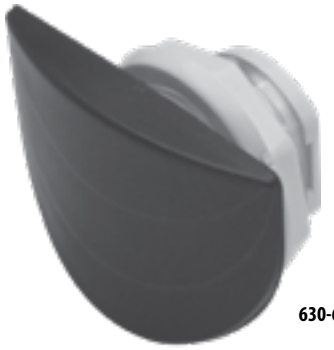
FEATURES:
- Designed for mounting in a cup holder recess
- Illuminates clear glasses and cups
- Requires only one LED

LED Cup Holder Light Lens

Part No.	Description	Case Quantity	List (US $)
630-0038	LED Cup Holder Light Lens	20	11.63



660-6300

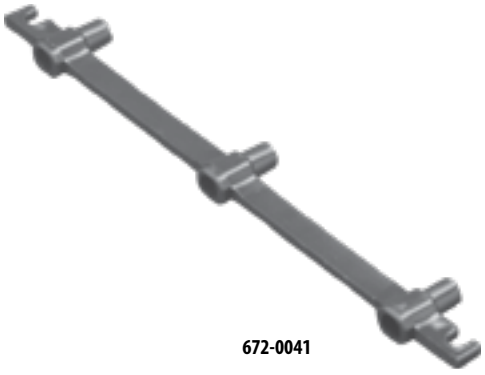


630-6401

FEATURES:
- Illuminates spa skirting
- Mounts to outside perimeter of spa cabinet
- Requires only one LED

LED Cabinet Light

Part No.	Description	Case Quantity	List (US $)
630-6300	½" Threaded Faceted Light Lens Assembly	500	2.17
630-6400	LED Cabinet Light	--	8.45

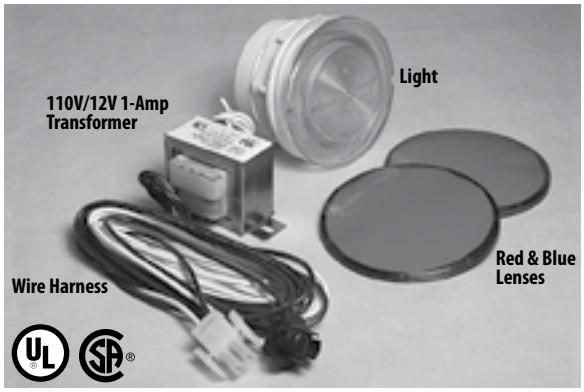


672-0041

FEATURES:
- Used as perimeter lighting up underneath spa shell or kick plate area
- Bends to conform to corners of any radius
- Accepts up to three LED lights

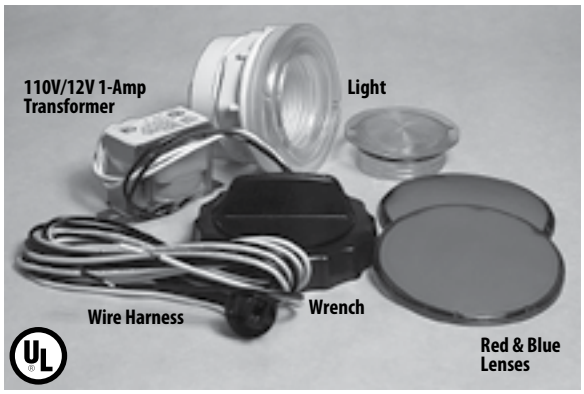
LED Strip Light

Part No.	Description	Case Quantity	List (US $)
672-0041	LED Strip Light	20	10.57



Standard 3 ½" O.E.M. Spa Light Kits

Part No.	Description	Case Quantity	List (US $)
630-5005	Plastic Only - with Red and Blue Lenses	50	21.26
630-5115	O.E.M. Kit - with 8 ft. Wire Harness - Bulb & 110V/12V - 1-Amp Transformer	40	40.97
630-5105	O.E.M. Kit - with 8 ft. Wire Harness and Bulb	50	27.34
630-5205	O.E.M. Kit - with 8 ft. Wire Harness - Bulb and 2-Pin Connector	50	37.62



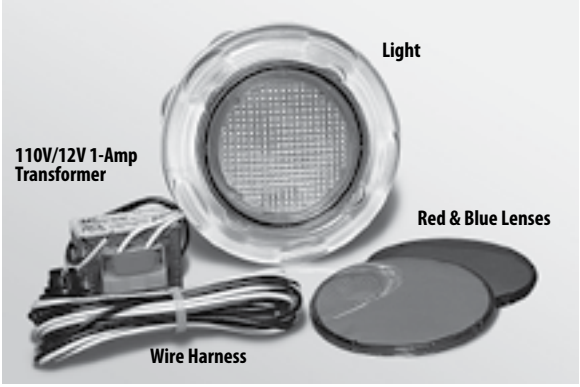
Front Access 3 ½" O.E.M. Spa Light Kits

Part No.	Description	Case Quantity	List (US $)
630-6005	Plastic Only - includes Wrench	50	28.84
630-6115	Kit - includes 8 ft. Wire Harness - Bulb - Wrench - 110V/12V 1-Amp Transformer	40	48.57
630-6105	Kit - includes 8 ft. Wire Harness - Bulb - Wrench	45	34.88
630-6205	Kit - includes 8 ft. Wire Harness - Bulb - Wrench - 2-Pin Connector	40	45.19



Spa Light Power Supply and NEMA Cord

Part No.	Description	Case Quantity	List (US $)
630-1105	110V/12V without Air Switch	20	74.04
630-1115	110V/12V with Air Switch	20	107.32

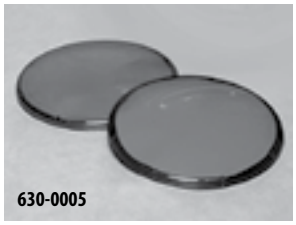


Jumbo 5" O.E.M. Spa Light Kits

Part No.	Description	Case Quantity	List (US $)
630-K005	Plastic Only - with Red and Blue Lenses	40	46.32
630-K008S	Plastic Only - Stainless Steel Escutcheon - with Red and Blue Lenses	40	52.58
630-K115	Kit - 8 ft. Wire Harness - 2-Pin Connector - Bulb - 110V/12V 1-Amp Transformer	20	66.28
630-K105	Kit - 8 ft. Wire Harness - Bulb	32	51.58


813-4370


813-4400


630-0005

Patent Pending


711-6930

Spa Light Accessories

Part No.	Description	Case Quantity	List (US $)
813-4370	Bulb #912	--	3.54
813-4400	1-Amp Transformer - 120V / 12V - 60Hz	40	14.60
813-4500	1-Amp Transformer - 230V / 12V - 50/60Hz	40	20.64
630-0005	Light Lens Kit - 1 Red and 1 Blue Lens	75	9.11
711-6930	Double-Seal Gasket - Mini Spa Light	75	1.71

FEATURES:

- Allows 1" flexible electrical conduit to be nicely mounted to spa cabinet or doghouse areas
- 1" Socket on both sides
- Mounts like a flush mount bulkhead fitting


210-1861

Electrical Bulkhead Wallfitting

Part No.	Description	Case Quantity	List (US $)
210-1861	1" Electrical Bulkhead Wallfitting with Cap	100	3.59

NEW!

NEO TP500
SPA CONTROL TOUCHSCREEN



NEO 2100
Spa Control

NEO TP500 TouchScreen

FEATURES:

- Android Based Control Panel
- 5.0" TouchScreen
- Capacitive Touch Technology
- Easy to read and scroll icons
- Easy menu navigation
- Pinch & Stretch views
- Ultra bright for daylight use
- Organized device functions and App displays
- Full internet access
  - YouTube
  - Streaming videos
  - Search engines

CONTAINS:

- Built-in WiFi
- Optional HDMI
- Optional Bluetooth (when installed in control unit)

NEO TP500 TouchScreen

Part No.	Description	List (US $)
777-WW06000	NEO TP500 Touch Panel	935.00

The standard in Spa Control performance.

NEO 2100 SPA CONTROL SYSTEM

One innovative system that offers
64 different configurations!

UL certified for the US & Canada
CE compliant for Europe

- External equipment & topside panel connections
- Modular equipment expansion
- Toggle terminal connection
- Electronic Thermal Sensing (ETS) system
- Equipment converts 220V to 120V
- Converts from 60 Hz to 50 Hz
- Wi-Fi & Bluetooth option
- Topside features a 1.8" color LCD display
- Panel back light w/White LED or optional RGB LED
- Easy menu navigation
- Multi languages (English, French, Spanish, German, Norwegian, Italian)
- Real-time clock
- AUX panel ready
- Accepts NEO 2100, NEO 1100 or NEO 1000 topside panels
- Accepts NEO TP500 TouchScreen



Part No.	Description	List (US $)
	NEO 2100 Spa Control with Panel	
777-WW99001	NEO 2100 Control Kit, 2-2 Spd Pumps, Blwr, O3, AV 4.0Kw Htr. W/ NEO 1100 Panel	1,174.75
777-WW99002	NEO 2100 Control Kit, 2-2 Spd Pumps, Blwr, O3, AV 5.5Kw Htr. W/ NEO 1100 Panel	1,174.75
777-WW99003	NEO 2100 Control Kit, 2-2 Spd Pumps, Blwr, O3, AV 4.0Kw Htr. W/ NEO 2100 Panel	1,195.77
777-WW99004	NEO 2100 Control Kit, 2-2 Spd Pumps, Blwr, O3, AV 5.5Kw Htr. W/ NEO 2100 Panel	1,195.77
	NEO 2100 Spa Control with Retro Kit & Panel	
777-WW99050	NEO 2100 Control Kit w/Retro Kit*– 2-2 Spd Pumps, Blwr, O3, AV 4.0 kW Htr. w/NEO 1100 Panel	1,305.76
777-WW99051	NEO 2100 Control Kit w/Retro Kit*– 2-2 Spd Pumps, Blwr, O3, AV 5.5 kW Htr. w/NEO 1100 Panel	1,305.76
777-WW99052	NEO 2100 Control Kit w/Retro Kit*– 2-2 Spd Jet, Blwr, O3, 4.0 kW Htr. w/NEO 2100 Panel	1,326.78
777-WW99053	NEO 2100 Control Kit w/Retro Kit*– 2-2 Spd Jet, Blwr, O3, 5.5 kW Htr. w/NEO 2100 Panel	1,326.78
	*includes 780-8020 Retro Kit (Adapter Plate, Light Lead, 2-2 Spd & 1-1 Spd 4 Ft. 4 Pin Amp Cords)	
	Accessories / Replacements	
775-0501	Daughter Board 1 (DB-1) (allows for up to 2 add'l 1 Spd Pumps or 1 add'l 2 Spd Pump)	147.17
775-0502	Daughter Board 2 (DB-2) (allows for up to 4 add'l 1 Spd Pumps or 2 add'l 2 Spd Pumps)	239.15
780-8020	EO 2100 Retro Kit – Adapter Plate, Light Lead, 2-2 Spd & 1-1 Spd 4 Pin Amp Cords	131.01
775-0504	Wi-Fi Kit Assembly	428.64
775-0523	Bluetooth Kit	250.04
777-WW02007	AUX 1000 Panel (4 buttons, Light, Aux, Jet1, Jet2)	120.19
	Accessory Breakdown for 780-8020	
633-1000	Light Lead W/2-Pin Connector	12.75
741-CGGG-45X	Power Cord, 4 Ft. 4 Pin-Amp, 2 Speed	29.43
741-CGGZ-44X	Power Cord, 4 Ft. 4 Pin-Amp, 1 Speed	27.60
885-8020	Adapter Plate – Spa Pack NEO 2100	34.03

Value Spa Control for less complex systems.

NEO 1500
SPA CONTROL SYSTEM

Available with ***multiple configurations!***

- More than 64 different configurations
- Electronic Thermal Sensing (ETS) system
- 240V – 120V convertible
- Available in 50 Hz or 60 Hz
- Topside features a 1.8" color LCD display
- Panel back light w/White LED
- Accepts dedicated 230V w/out Neutral
- Wi-Fi option
- Bluetooth option
- Easy menu navigation
- Multi languages (English, French, Spanish, German, Norwegian, Italian)
- Optional Daughter Board (DB1)
- **Accepts NEO 2100, NEO 1100 or NEO 1000 topside panels**
- **Accepts NEO TP500 TouchScreen**

UL certified for the US & Canada
CE compliant for Europe



NEO 1500 Spa Control		
Part No.	Description	List (US $)
777-WW99013	NEO 1500 Control Kit, 1-2 Spd Pump1, 1-1 Spd Pump 2 or Blwr, 03, AV, 3.0 kW Htr, w/NEO 1000 Panel	1,101.15
777-WW99014	NEO 1500 Control Kit, 1-2 Spd Pump1, 1-1 Spd Pump 2 or Blwr, 03, AV, 4.0 kW Htr, w/NEO 1000 Panel	1,101.15
777-WW99015	NEO 1500 Control Kit, 1-2 Spd Pump1, 1-1 Spd Pump 2 or Blwr, 03, AV, 5.5 kW Htr, w/NEO 1000 Panel	1,101.15
777-WW99010	NEO 1500 Control Kit, 1-2 Spd Pump1, 1-1 Spd Pump 2 or Blwr, 03, AV, 3.0 kW Htr, w/NEO 1100 Panel	1,101.15
777-WW99011	NEO 1500 Control Kit, 1-2 Spd Pump1, 1-1 Spd Pump 2 or Blwr, 03, AV, 4.0 kW Htr, w/NEO 1100 Panel	1,101.15
777-WW99012	NEO 1500 Control Kit, 1-2 Spd Pump1, 1-1 Spd Pump 2 or Blwr, 03, AV, 5.5 kW Htr, w/NEO 1100 Panel	1,101.15
775-0501	Daughter Board (DB1) (allows for up to 2 additional 1 Spd Pumps or 1 add'l 2 Spd Pump	147.17
775-0503	Bluetooth Kit Assy (Includes screw & stand-off)	250.04
775-0504	Wi-Fi Kit Assembly (No added mothely fees.)	428.64

The standard in Spa Control performance.

NEO 1200
SPA CONTROL SYSTEM

*Compact design for **easy installation** in tight locations.*

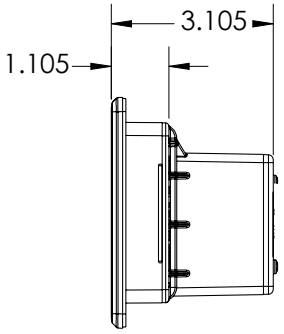
- Plug and Play
- Electronic Thermal Sensing (ETS) system
- Available in 120V / 60 Hz or 220V / 50 Hz
- Bluetooth ready
- Topside features a 1.8" color LCD display
- Panel back light w/White LED
- Bluetooth option
- Easy menu navigation
- Multi languages (English, French, Spanish, German, Norwegian, Italian)
- Small Compact Housing
- Optional 15 Ft 15 Amp GFCI power cords (60 Hz only)
- **Accepts NEO 1100 or NEO 1000 topside panels**



UL certified for the US & Canada
CE compliant for Europe

NEO 1200 Spa Control		
Part No.	Description	List (US $)
777-WW99022	NEO 1200 Control Kit, 1-2 Spd Pump, 03, Lt, 1 kW Htr, w/NEO 1000 Panel	1,027.57
777-WW99023	NEO 1200 Control Kit, 1-2 Spd Pump, 03, Lt, 1 kW Htr, w/NEO 1000 Panel & 120V 15' at 15A GFCI Pwr Cord	1,118.97
777-WW99020	NEO 1200 Control Kit, 1-2 Spd Pump, 03, Lt, 1 kW Htr, w/NEO 1100 Panel	1,027.57
777-WW99021	NEO 1200 Control Kit, 1-2 Spd Pump, 03, Lt, 1 kW Htr, w/NEO 1100 Panel & 120V 15' at 15A GFCI Pwr Cord	1,118.97
775-0503	Bluetooth Kit Assy (Includes screw & stand-off)	250.04





NEO TP500 TOUCHSCREEN





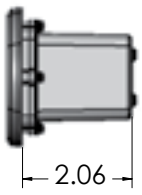
NEO 2100 PANEL





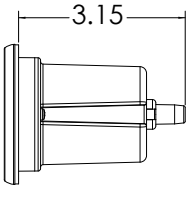
NEO 1100 PANEL





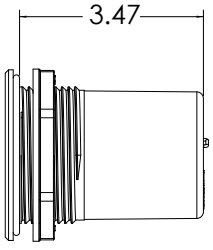
NEO 1000 PANEL





AUX PANEL





Wi-Fi UNIT

Magna Tune

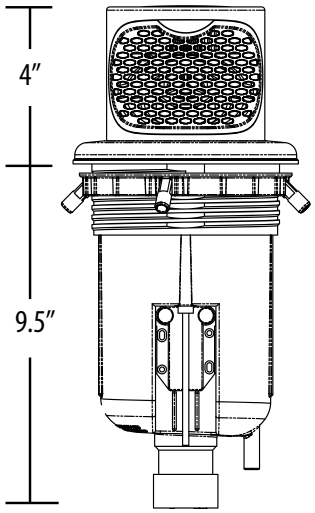
FEATURES:
- Latest speaker design with Titanium tweeter
- LED capable
- Dampening device
- Pop-up design

Standard Features:
- Dampened speaker lift
- Front and back LED ports
- 30% more compact than previous models

Options:
- Rotational and non-rotational
- Multiple lighting options
- Front ambient light
- Lit logo (call for details)
- Lit ring with Glo Tubes (requires rotation ring and nut)

SPECIFICATIONS:
- 15 W RMS / 30 W Peak
- Impedance: 4 Ω ± 15% Ω
- Resonant Frequency: 110 Hz ± 20% Hz
- SPL: 70 dB ± 3 dB ref 1 W/1M
- Frequency Response: ~20 KHz, max ± 10 dB

Compact Design
30% shorter than previous model





675-2010
675-2010L

Magna Tune 6" Pop-Up Silo Speaker System

Part No.	Description	List (US $)
675-2010	Magna Tune pop-up speaker (Rotational)	172.89
675-2010L	Magna Tune pop-up speaker (Rotational) LED	204.57
675-2020	Magna Tune pop-up speaker (Non-rotational)	163.24
675-2020L	Magna Tune pop-up speaker (Non-rotational) LED	194.92
675-4200	Speaker Cable - Red /Black 18AWG, 41/0.16, OD: 2.5 x 5.0mm tinned copper 1 Roll = 500 ft.	289.70

Note: For metal grill add "s" to the part number suffix.

Mounting Specifications

	Rotational Cap	Non-Rotational Cap
Hole size	5″	4 3/4″
Closed height	3/4″	3/8″
Flange OD	6″	5 5/8″

Speaker depth from flange: 9 3/4″

Red/Black Tinted Speaker Cable sold separately



675-4200

Speakers / **Flush Mount Speakers, Enclosures, MP3 Player Holders**

FEATURES:
- Water-resistant, premium-grade speaker
- Unique flush mount design
- No moving parts
- Easy installation
- Dual color schemes
- Private label available

SPECIFICATIONS:
- 3.5"
- 15 W RMS / 30 W Peak
- Impedance: 4 Ω ± 15% Ω
- Resonant Frequency: 110 Hz ± 20% Hz
- SPL: 70 dB ± 3 dB ref 1 W/1M
- Frequency Response: ~20 KHz, max ± 10 dB



675-0450


675-0450L

4.5" Flush Mount Speaker and LED 4.5" Flush Mount Speaker

Part No.	Description	Case Quantity	List (US $)
675-0460	4.5" Flush Mount Speaker	5	92.14
675-0460L	4.5" LED Flush Mount Speaker	--	104.46

FEATURES:
- Fits both Clarion and Aeware marine stereos



Stereo Enclosures

Part No.	Description	Case Quantity	List (US $)
672-9001	Stereo Enclosure - Clarion CMD4A	20	20.15
672-9011	Stereo Enclosure - Aeware In-Tune 100	20	20.15
672-9101	Stereo Enclosure - Generic	20	20.15

FEATURES:
- Guillotine cover
- Fits most MP3 players
- Input and output ports for control unit and stereo

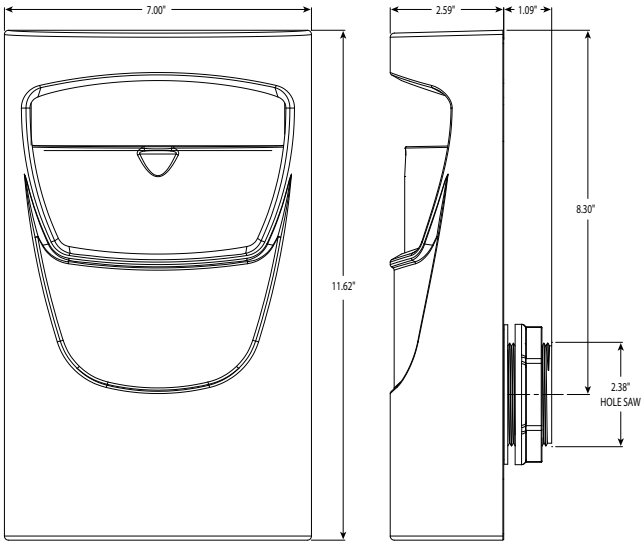


MP3 Player Holders

Part No.	Description	Color	Case Quantity	List (US $)
675-0200	MP3 Player Holder	White	20	39.48
675-0211	MP3 Player Holder	Black	20	44.09
675-0217	MP3 Player Holder	Gray	20	44.09
675-0219-DSG	MP3 Player Holder	Dark Silver Glitter	20	44.09
675-0219-STS	MP3 Player Holder	Sterling Silver	20	44.09

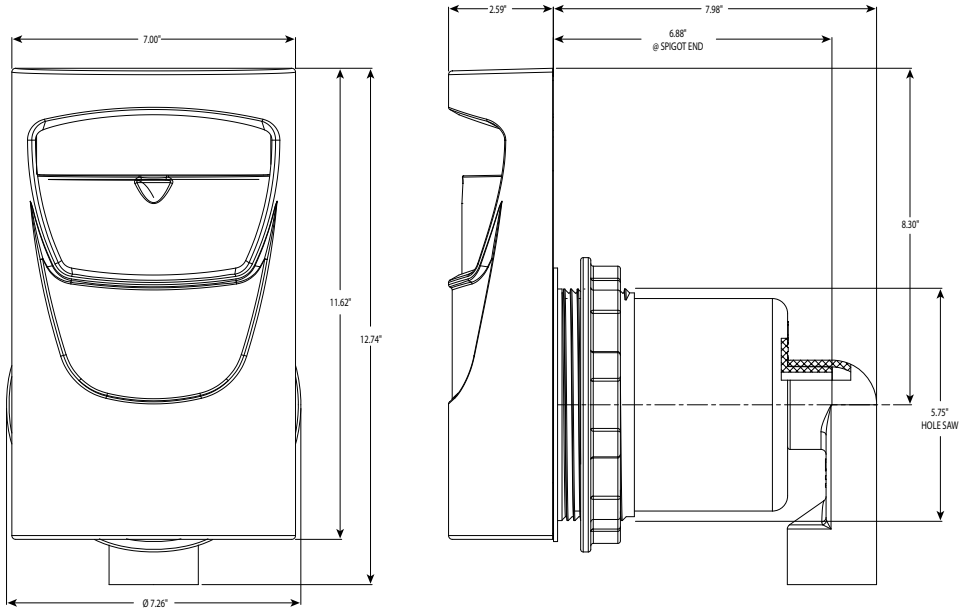
FEATURES:

- Floating guillotine-style weir
- Easy through-wall installation (requires only one round hole to mount)
- 15 sq. ft.
- Easily accessible basket
- Skim Filter has easily accessible cartridge





For replacement parts, see page 321.



Deluxe Strip Skimmer and Strip Skim Filter

Part No.	Description	Case Quantity	List (US $)
510-6900	Deluxe Strip Skimmer - 1 ½" S	50	97.31
510-6910	Deluxe Strip Skim Filter - 1 ½" S, 15 sq. ft.	50	149.08


640-6920


640-6940


640-6961

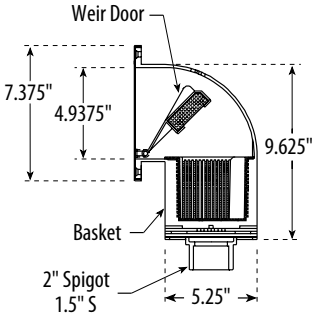

640-6607

Strip Skimmers

Part No.	Description	Case Quantity	List (US $)
640-6920	Strip Skimmer - 1 ½" x Standard Nut	35	30.90
640-6940	Strip Skimmer - 1 ½" x 90° Ell	25	35.79
640-6960	Strip Skimmer - 1 ½" x Straight Adapter Nut	25	35.77
640-6600	Adjustable Strip Skimmer with Lint Basket - 1" S Ell	20	54.49

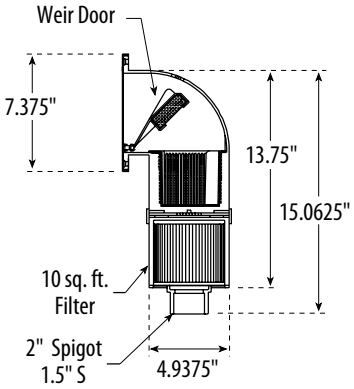


510-1500





510-1600

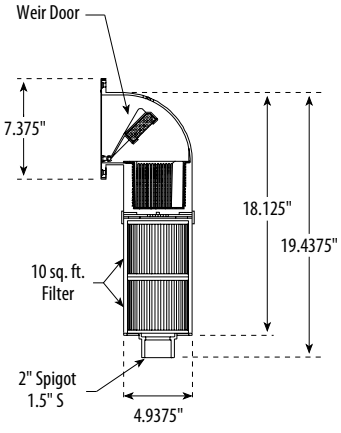


INCLUDES:

- 10 sq. ft. Cartridge
- EZ Flow Basket
- Flow Control Diverter Plate
- Trim Plate - White
- Mounting Gasket



510-1650T



INCLUDES:

- 10 sq. ft. Cartridges (2)
- EZ Flow Basket
- Flow Control Diverter Plate
- Trim Plate - White
- Mounting Gasket

For replacement parts, see page 329.

Front Access Skimmers and Skim Filters

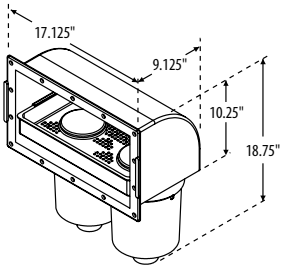
Part No.	Description	Case Quantity	List (US $)
510-1500	Square Spa Skimmer – 1 ½" S / 2" Spigot - Flow Control with Trim Plate	4	94.12
510-1600	Square Spa Skim Filter – 1 ½" / 2" Spigot - 10 sq. ft.	4	145.70
510-1650T	Square Spa Skim Filter – 1 ½" / 2" Spigot - 20 sq. ft.	2	186.18

FEATURES:

- 50 sq. ft. Cartridges (2) (100 sq. ft. total)
- 2" Spigot Output Ports (2)
- Extra Large 5 ½" x 14" Weir Area
- Extra Large 8" x 14" Basket
- Easy Access to Basket and Cartridges
- Easy Through-Wall Installation



510-6620



Hole Size 8.75" x 15.5"

FEATURES:

- 50 sq. ft. Cartridge
- 2" Spigot Output Port
- Easy access to basket and cartridges
- Easy Through-Wall Installation



510-9020



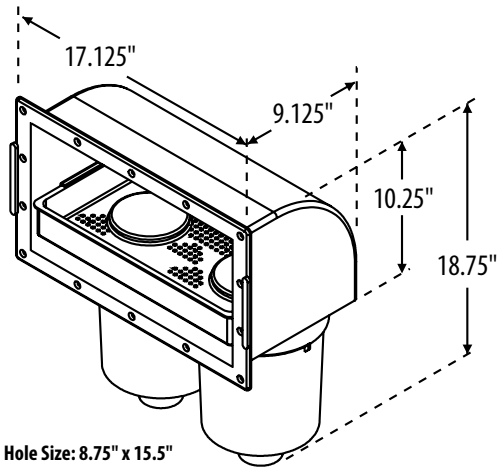
672-5090

Front Access Skim Filters

Part No.	Description	Case Quantity	List (US $)
510-9020	50 sq. ft. Front Access Skim Filter - Single Port - Oval Style	2	260.18
510-6620	100 sq. ft. Front Access Skim Filter - Dual Port - Oval Style	2	343.56
672-5090	100 sq. ft. Skim Filter Manifold Tee with Plug	20	24.51

FEATURES:

- New Roadster grill design
- 50 sq. ft. Cartridges (2) (100 sq. ft. total)
- 2" Spigot Output Ports (2)
- Extra Large 5 ½" x 14" Weir Area
- Extra Large 8" x 14" Basket
- Easy Access to Basket and Cartridges
- Easy Through-Wall Installation



Hole Size: 8.75" x 15.5"

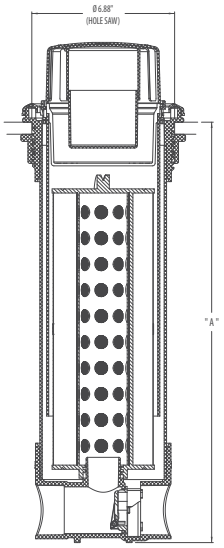


510-6689DSG-PS

100 sq. ft. Front Access Roadster Skim Filter			
Part No.	Description	Case Quantity	List (US $)
510-6680	100 sq. ft. Front Access Roadster Skim Filter	--	358.02

FEATURES:

- Cage-style tower eliminates unwanted vortexing
- Safety orientated
- Easily accessible basket for effortless cleaning
- Available in several different filter sizes
- 2" Socket IN/OUT plumbing
- Built in Check Valve
- Hole Saw Size: Ø 6.88"
- Custom logo plate available for volume orders





510-4600 **510-4691**

For replacement parts, see page 320.

Teleweir Skim Filters

Part No.	Description	"A" Dimension	Case Quantity	List (US $)
510-4630	25 sq. ft. Teleweir Skim Filer	20.25 in.	20	233.49
510-4620	35 sq. ft. Teleweir Skim Filter	16.00 in.	20	245.15
510-4600	50 sq. ft. Teleweir Skim Filter	20.25 in.	20	249.36
510-4680	50 sq. ft. Teleweir Skim Filter - Low Volume	20.25 in.	20	249.36
510-4590	75 sq. ft. Teleweir Skim Filter	26.38 in.	20	262.03
510-4690	100 sq. ft. Teleweir Skim Filter	30.23 in.	20	267.90

FEATURES:

- Extra-large housing designed especially for Swim Spas
- Cage-style tower eliminates unwanted vortexing
- Safety orientated
- Easily accessible basket for effortless cleaning
- Hi capacity 2 ½" Socket IN/OUT Plumbing
- Built in check valve
- Hole saw size is 8.5"
- Custom logo plates available for volume orders

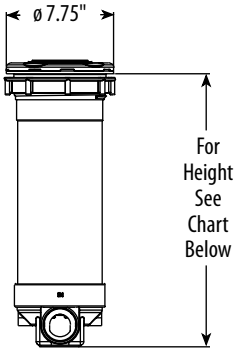


Mega Teleweir Skim Filters

Part No.	Description	"A" Dimension	List (US $)
510-4570	75 sq. ft. Mega Teleweir Skim Filter	21.75 in.	292.75

FEATURES:

- Improved exclusive vent system for added safety
- Exclusive bayonet lock retains the basket and weir
- PVC upper threaded, middle and bottom body components are compatible with PVC glues and most silicones
- New compact sizes
- Traditional 4-scallop escutcheons to match the decor of the spa
- Telescoping weir has 6" of travel
- Built-in restriction valve for improved filtration with low volume
- Two basket sizes
- Dyna-Flo replacement parts fit all existing Dyna-Flo Top-Mount Filters
- Retrofits Dynamic Series Rainbow Skim Filters



Hole Saw Size 6.875" (All Sizes)

DYNA-FLO PLUS



Low Volume
8 GPM Minimum



Hi Volume
15 GPM Minimum

LOW PROFILE DYNA-FLO



Low Volume
8 GPM Minimum



Hi Volume
15 GPM Minimum

For replacement parts, see page 324.

Dyna-Flo Top-Mount Skim Filters

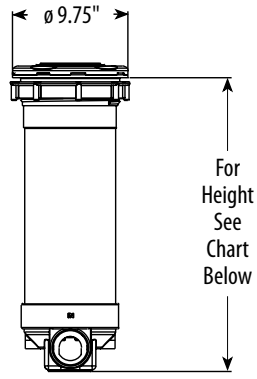
Part No.	Size	Description	Height	List (US $)
510-4520	2" Socket - 25 sq. ft.	Dyna-Flo Plus - Low Volume - 8 GPM Minimum	21 1/8"	243.78
510-4550	2" Socket - 50 sq. ft.	Dyna-Flo Plus - Low Volume - 8 GPM Minimum	21 1/8"	259.62
510-9520	2" Socket - 25 sq. ft.	Dyna-Flo Plus - Hi Volume - 15 GPM Minimum	21 1/8"	243.78
510-9540	2" Socket - 40 sq. ft.	Dyna-Flo Plus - Hi Volume - 15 GPM Minimum	17 ¼"	251.48
510-9550	2" Socket - 50 sq. ft.	Dyna-Flo Plus - Hi Volume - 15 GPM Minimum	21 1/8"	263.12
510-3520	2" Socket - 25 sq. ft.	Low Profile Dyna-Flo - Low Volume - 8 GPM Minimum	19 5/8"	233.49
510-3540	2" Socket - 40 sq. ft.	Low Profile Dyna-Flo - Low Volume - 8 GPM Minimum	15 ¾"	241.19
510-3550	2" Socket - 50 sq. ft.	Low Profile Dyna-Flo - Low Volume - 8 GPM Minimum	19 5/8"	249.36
510-6520	2" Socket - 25 sq. ft.	Low Profile Dyna-Flo - Hi Volume - 15 GPM Minimum	19 5/8"	233.49
510-6540	2" Socket - 40 sq. ft.	Low Profile Dyna-Flo - Hi Volume - 15 GPM Minimum	15 ¾"	241.19
510-6550	2" Socket - 50 sq. ft.	Low Profile Dyna-Flo - Hi Volume - 15 GPM Minimum	19 5/8"	249.36

For textured High-Volume Lock-Ring, add "T" to the end of the part number.

FEATURES:

- Extra-large 10" diameter body for improved filtration
- Extra-large 6 ½" diameter cartridge for larger cartridge sizes
- Exclusive "Vent System" for added safety
- PVC upper, middle and bottom sections are compatible with PVC glues and most silicones
- Available in 50, 75 and 100 sq. ft.
- Adjustable restrictor valve for variable flow control
- Extra-large basket
- Removable bypass valve for easy servicing
- Optional chemical feeder
- Available in 2" or 2 ½" Socket In/Out





Hole Saw Size 8.5" (All Sizes)

For replacement parts, see page 325.

Dyna-Flo XL Skim Filters

Part No.	Socket Size	Filter Size	Filter Length	List (US $)
512-0270	2"	75 sq. ft.	21 ¾"	341.30
512-0210	2"	100 sq. ft.	26 ¼"	365.73
512-2550	2 ½"	50 sq. ft.	21 ¾"	323.61
512-2570	2 ½"	75 sq. ft.	21 ¾"	341.30
512-2510	2 ½"	100 sq. ft.	26 ¼"	365.73

FEATURES:

- Skims water without the use of a weir
- No moving parts
- Uses the same size hole pattern as our standard Dyna-Flo
- Allows for a larger variance of water levels

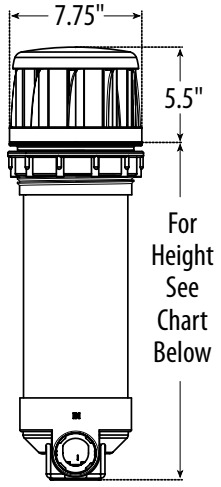


514-6589-DSG

With turbine and weir



514-6550



Hole Saw Size 6.875"

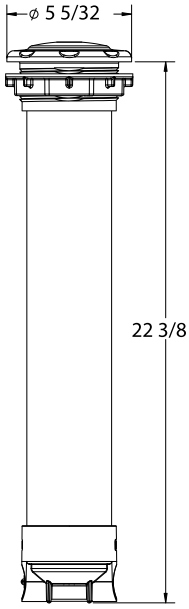
For replacement parts, see page 326.

Ultra Skim Filter

Part No.	Description	Filter Size	Filter Length	List (US $)
514-6550	Ultra Skim Filter XL 2" 50 sq ft	50 sq. ft.	19 5/8"	269.10
514-6580	Ultra Skim Filter XL 2" 50 sq ft w/Turbine and Weir	50 sq. ft.	19 5/8"	286.12

5.5" FILTER FEATURES:

- Top Load Filter
- 20 Sq. Ft. 2 7/8" X 19.5" Cartridge
- 1" Socket IN/OUT
- 1" Check Valve
- PVC Construction



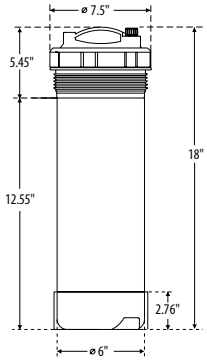


510-3600



500-2500

For replacement parts, see page 322.



Custom sizes available.
Please contact your Waterway sales representative.

5.5" Top-Load Filters

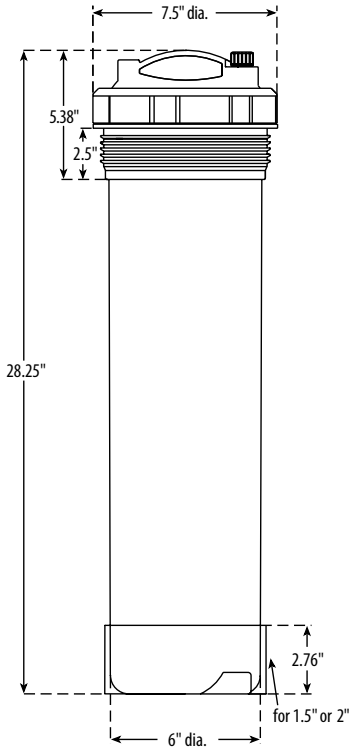
Part No.	Description	List (US $)
510-3600	1" - 20 sq. ft. Cartridge with Bypass Valve	185.40

7.5" Top-Load Filters

Part No.	Description	List (US $)
500-2500	1 ½" - 25 sq. ft. Cartridge with Plug	148.58
500-2510	1 ½" - 25 sq. ft. Cartridge with Bypass Valve	175.09
500-2540	1 ½" - 25 sq. ft. Cartridge with Plug and 10-Tablet Brominator	204.45
500-2550	1 ½" - 25 sq. ft. Cartridge with Bypass Valve and 10-Tablet Brominator	204.45
500-5000	1 ½" - 50 sq. ft. Cartridge with Plug	202.87
500-5010	1 ½" - 50 sq. ft. Cartridge with Bypass Valve	202.87
500-5050	1 ½" - 50 sq. ft. Cartridge with Bypass Valve and 10-Tablet Brominator	231.71
500-6010	1 ½" - without Cartridge - with Bypass Valve	165.84
500-6050	1 ½" - without Cartridge - with Bypass Valve and 10-Tablet Brominator	194.87
502-2500	2" - 25 sq. ft. Cartridge with Plug	187.82
502-2510	2" - 25 sq. ft. Cartridge with Bypass Valve	187.82
502-2530	2" - 25 sq. ft. Cartridge with Bypass Valve and Flow Restriction Tube	200.75
502-2550	2" - 25 sq. ft. Cartridge with Bypass Valve and 10-Tablet Brominator	204.45
502-5000	2" - 50 sq. ft. Cartridge with Plug	202.87
502-5010	2" - 50 sq. ft. Cartridge with Bypass Valve	202.87
502-5030	2" - 50 sq. ft. Cartridge with Bypass Valve and Flow Restriction Tube	215.90
502-5050	2" - 50 sq. ft. Cartridge with Bypass Valve and 10-Tablet Brominator	231.71



500-7500



7.5" Top-Load Extended Filters, 1 ½

Part No.	Description	List (US $)
500-7500	75 sq. ft. Cartridge with Plug	242.85
500-7510	75 sq. ft. Cartridge with Bypass Valve	242.85
500-7550	75 sq. ft. Cartridge with Bypass Valve and 10 Tablet Brominator	271.66
500-9900	100 sq. ft. Cartridge with Plug	254.98
500-9910	100 sq. ft. Cartridge with Bypass Valve	254.98
500-9950	100 sq. ft. Cartridge with Bypass Valve and 10 Tablet Brominator	295.95

7.5" Top-Load Extended Filters, 2

Part No.	Description	List (US $)
502-7500	75 sq. ft. Cartridge with Plug	242.84
502-7510	75 sq. ft. Cartridge with Bypass Valve	242.84
502-7550	75 sq. ft. Cartridge with Bypass Valve and 10 Tablet Brominator	263.77
502-9900	100 sq. ft. Cartridge with Plug	254.98
502-9910	100 sq. ft. Cartridge with Bypass Valve	254.98


500-1021


400-9140


212-1810


400-9030


212-1820


400-9220


640-3170


670-2007


400-9120


640-4220 / 640-4240 / 640-4230


400-9150


212-1831

FEATURES:

- Contains 10 Bromine
- Clear Container
- Bromine Adjustable Knob


500-1098

Filter Accessories

Part No.	Description	Case Quantity	List (US $)
500-1021	Filter Niche with 2-Cup Holder Lid and Screws - Black	6	33.70
400-9140	Cartridge Mounting Assembly - 1 ½" NPT - with Grate	150	8.86
212-1810	Thru Wall Fitting Assembly - ½" S x ½" S	150	13.01
400-9030	Cartridge Mounting Assembly with Grate - 2" S x 1 ½" Acme	100	15.85
212-1820	Bulkhead Wall Fitting Assembly - ¾" RB	150	13.01
400-9220	Vent Wall Fitting Assembly with Grate *(color matching available)*	50	8.12
500-1098	10-Tablet Brominator Assembly	70	28.84
640-3170	Suction Wall Fitting Assembly with Bypass Valve	40	18.22
400-9120	Cartridge Mounting Assembly - 1 ½" NPT	150	8.12
400-9130	Cartridge Mounting Assembly - 2" NPT	100	15.85
670-2000	Water Nozzle Wall Fitting Assembly	200	7.31
640-4220	Lo-Pro ¾" SB 90° Return Fitting Assembly	40	20.75
640-4240	Lo-Pro ¾" S 90° Return Fitting Assembly	40	20.75
640-4230	Lo-Pro 1" S 90° Return Fitting Assembly	40	20.75
400-9150	Return Wall Fitting Assembly - 1 ½" FPT x 1 ½" S	50	10.11
212-1831	Swirl Style Bulkhead Fitting - ¾" RB	150	13.01







Skim Filter Gaskets

Part No.	Description	Case Quantity	List (US $)
711-3280	Double-Seal Gasket	100	6.99
711-8010	Grommet Gasket	--	4.96

Spa Mounting Plate

Part No.	Description	Case Quantity	List (US $)
550-1600	Spa Skimmer Mounting Plate with Screws	50	15.14

Filter Extensions

Part No.	Description	Case Quantity	List (US $)
510-1150	Filter Extension Assembly	1	32.52
519-2041	Filter Extension - Cover	1	11.37
519-2031	Filter Extension - Body	1	17.87


550-6109


680-2001


550-7767


550-6119


550-5617


550-0127

Weirs

Part No.	Description	Case Quantity	List (US $)
680-2000	Custom Weir Assembly - 13 1/8" H x 23 ¼" W *(customized logo & color with quantity order)*	25	182.12
550-7760	Skimmer Frame & Weir Assembly with Waterfall	--	182.12
550-5610	Curved Weir Frame Assembly - 13" H x 20 ¾" W	--	69.14
550-0120	Tiered Weir Frame Assembly	--	92.92
550-6100	Weir Frame Assembly - 13 5/8" H x 13 7/16" W S-10 style	--	80.22
550-6110	Weir Frame 21 1/8" W x 13 1/2" S-10 style	--	94.69



Weir Accessories

Part No.	Description	List (US $)
550-0411	Weir Mounting Brackets	10.84



817-2500



817-7500

Replacement Cartridges for In-Line and Top-Load Filters

Part No.	Description	Dimensions	Case Quantity	List (US $)
817-3640	Cartridge - 20 sq. ft.	3" OD x 19.5" L Cartridge	--	36.95
817-2500	Cartridge - 25 sq. ft.	4 15/16" OD x 13 5/16" L	--	56.22
817-5000	Cartridge - 50 sq. ft.	4 15/16" OD x 13 5/16" L	16	80.83
817-7500	Cartridge - 75 sq. ft.	4 15/16" OD x 23 5/8" L	--	111.35
817-1000	Cartridge - 100 sq. ft.	4 15/16" OD x 23 5/8" L	--	122.18



Skim Filter Replacement Cartridge

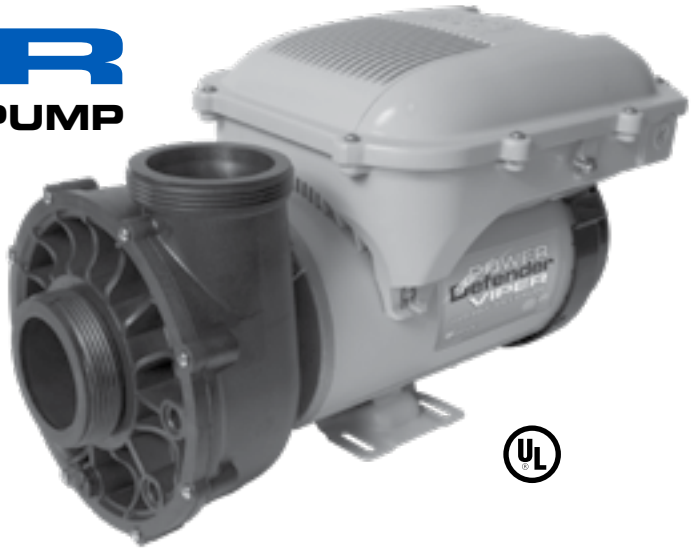
Skim Filter Replacement Cartridges

Part No.	Size	Dimensions	Top Load	Front Access	List (US $)
817-0010	10 sq. ft.	4 ¼" outer diameter x 4" L		x	35.36
817-3501	35 sq. ft.	4 15/16" outer diameter x 9 ¼" L (1 piece)		x	53.35
817-3510	35 sq. ft.	4 15/16" outer diameter x 4 5/8" L (2 pieces)		x	71.26
817-5010	50 sq. ft.	4 15/16" outer diameter x 6 5/8" L (2 pieces)		x	82.89
817-0050	50 sq. ft.	6" outer diameter x 8 ¼" L		x	80.38
817-0011	50 sq. ft.	6" outer diameter x 8 ¼" L (2 pieces upper)		x	80.38
817-0012	50 sq. ft.	6" outer diameter x 8 ¼" L (2 pieces lower)		x	80.38
817-2500	25 sq. ft.	5" outer diameter x 13 ¼" L	x		56.22
817-5000	50 sq. ft.	5" outer diameter x 13 ¼" L (1 piece)	x		80.83
817-0014	50 sq. ft.	5 5/16" outer diameter x 10 1/8" L	x		88.75
817-0015	75 sq. ft.	5 5/16" outer diameter x 14 13/16" L	x		111.06
817-7500	75 sq. ft.	5" outer diameter x 23 5/8" L (2 pieces)	x		111.35
817-0016	100 sq. ft.	5 5/16" outer diameter x 17 13/16" L	x		129.44
817-1000	100 sq. ft.	5" outer diameter x 23 5/8" L	x		122.18

Notes

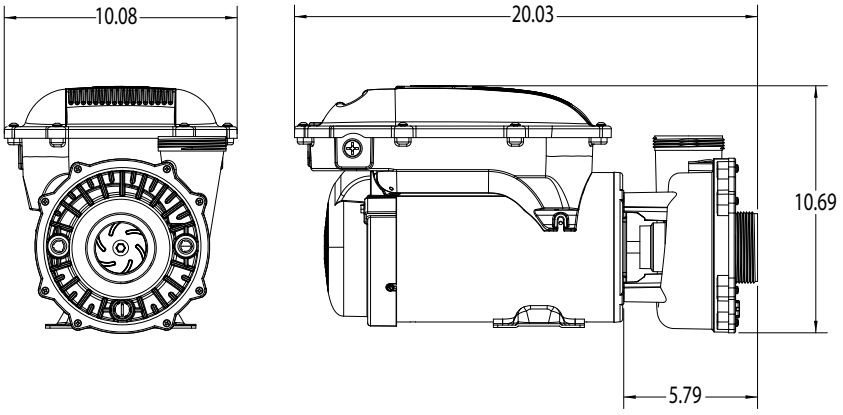
POWER Defender VIPER
VARIABLE SPEED PUMP

Introducing...The Better Swim Spa Solution!



FEATURES:

- Built-in programmable variable speed drive, allows for 1-100% flow control
- Proven Viper wet end
- Larger wet end (8.0") and intake plumbing (2 – 2.5") for higher pressures and more flow
- Preprogrammed flow rate and workout sequences
- Silicone carbide seals, Viton bellows, 316SS casing



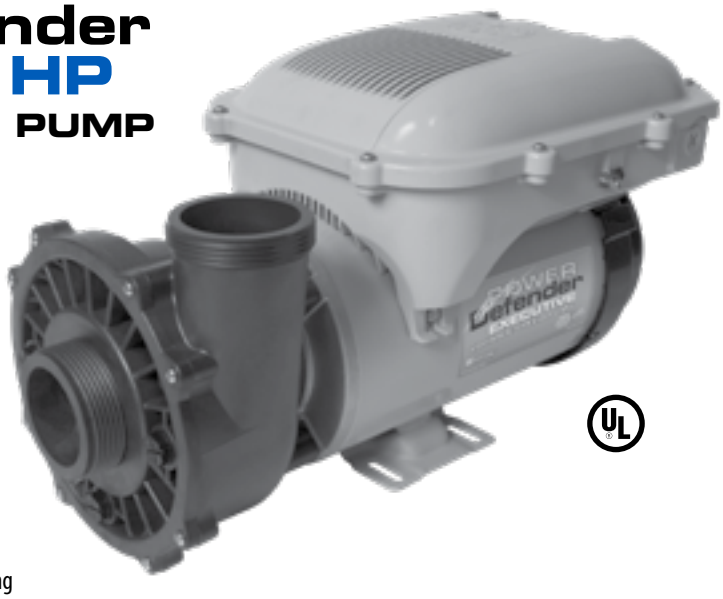
Power Defender Viper Variable Speed

Part No.	Description	HP	Volts	Total Amps	Hz	Weight (lbs.)	List (US $)
PD-250VV	Power Defender Viper	5	230	13.5	50/60	50	1400.81

Call for available cords and plugs.

POWER Defender / TVST TRUE VARIABLE SPEED THERAPY

Power Defender Executive 4 HP
VARIABLE SPEED PUMP

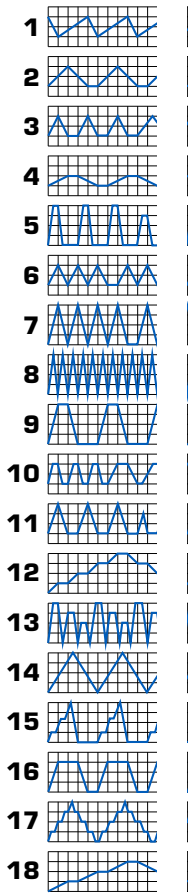


Introducing the only 4 HP True Variable Speed pump in the Portable Spa Industry.

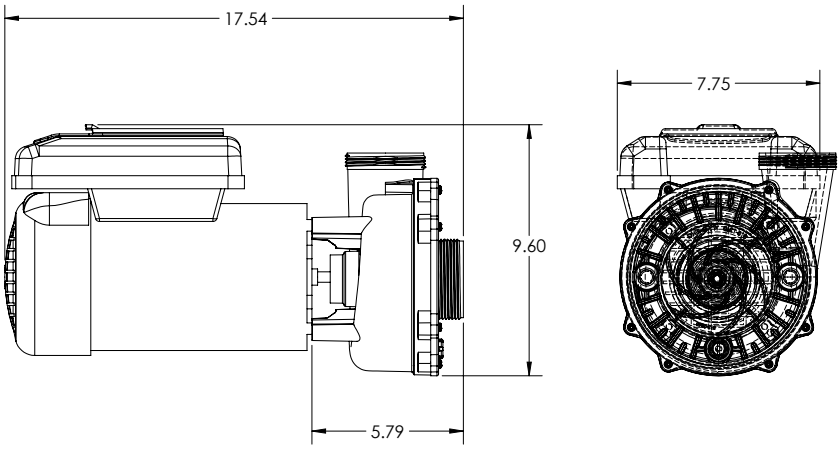
FEATURES:

- Built-in programmable variable speed drive, allows for 1-100% flow control
- Proven Executive and EX2 wet ends
- Preprogrammed wave/pulse sequences
- Silicone carbide seals, Viton bellows, 316SS casing
- Totally enclosed motor construction
- Maintains efficiency at lower speeds
- Works exclusively with NEO Spa Control

TVST Massage Options



Waterway's TVST (True Variable Speed Therapy) systems have 18 pre-programmed wave/pulse sequences to provide ultimate massage therapy not seen on other variable speed systems!



Power Defender Executive 4 HP

Part No.	Description	HP	Volts	Total Amps	Hz	Weight (lbs.)	List (US $)
PD-240VSE	Power Defender Executive	4	230	13.5	50/60	50	1,392.30

Call for available cords and plugs.

Power Defender EX2
VARIABLE SPEED PUMP

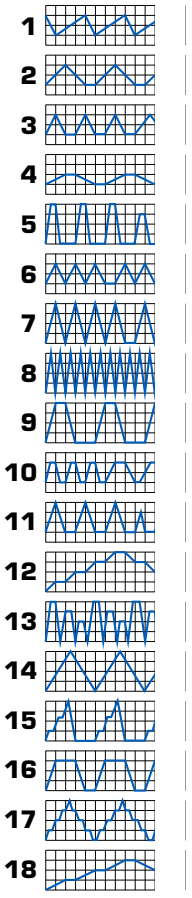


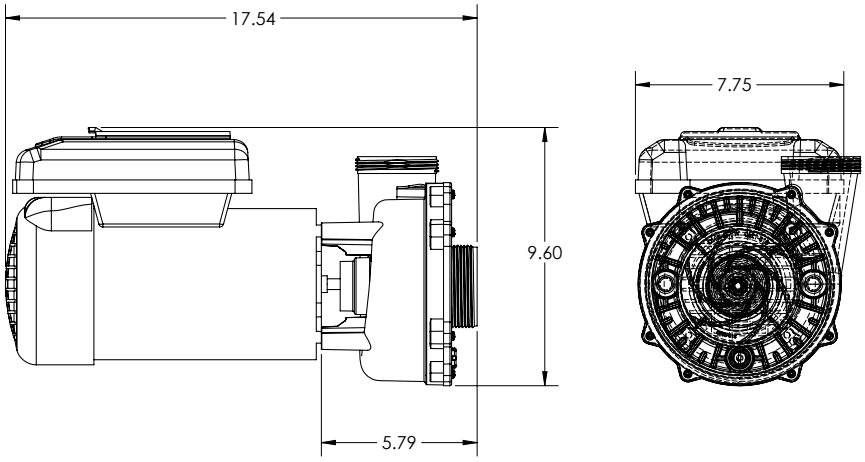
FEATURES:

- Built-in programmable variable speed drive, allows for 1-100% flow control
- Proven Executive and EX2 wet ends
- Preprogrammed wave/pulse sequences
- Silicone carbide seals, Viton bellows, 316SS casing
- Totally enclosed motor construction
- Maintains efficiency at lower speeds
- Works exclusively with NEO Spa Control

Waterway's TVST (True Variable Speed Therapy) systems have 18 pre-programmed wave/pulse sequences to provide ultimate massage therapy not seen on other variable speed systems!

TVST Massage Options





Power Defender EX2

Part No.	Description	HP	Volts	Total Amps	Hz	Weight (lbs.)	List (US $)
PD-215VSX	Power Defender EX2	1.5	230	10.0	50/60	50	1,249.50

Call for available cords and plugs.

Power Defender

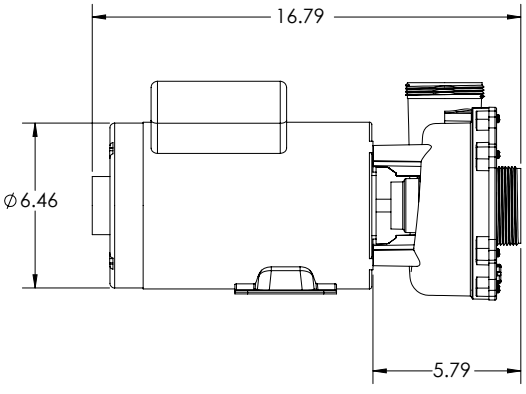
2 POLE / 6 POLE PUMP

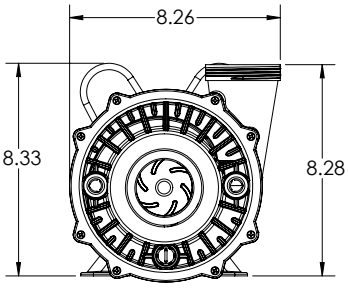
Advanced 2-pole / 6-pole technology at a cost effective price!



FEATURES:

- Built specifically for the demanding portable spa low energy requirements
- 3HP, 4HP and 4.5HP platforms
- Approximately 1 amp at low speed
- Proven Executive wet end
- Reduced standby power consumption that complies with CEC and APSP-14 requirements
- Silicone carbide seals, Viton bellows, 316SS casing
- Maintains efficiency at lower speeds





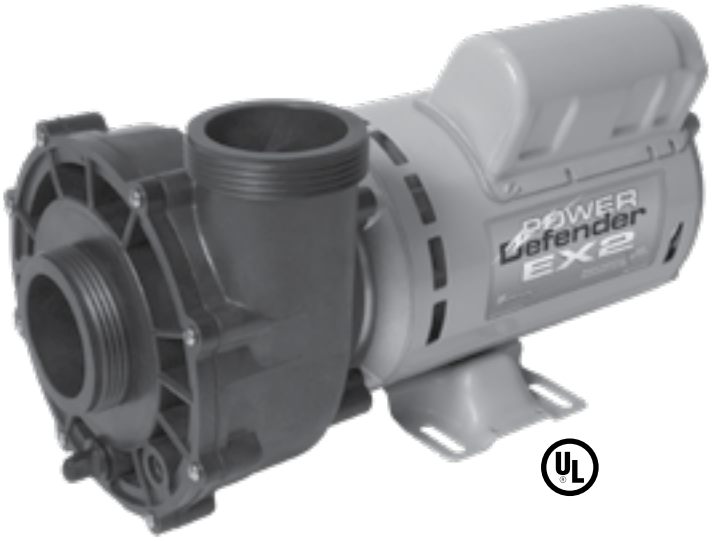
Power Defender 2 Pole / 6 Pole Pumps

Part No.	Description	HP	Volts	Total Amps	Hz	Weight (lbs.)	List (US $)
PD-230E	Power Defender Executive 2-Pole/6-Pole	3	230	1.0 A/8.6	60	34	786.61
PD-240E	Power Defender Executive 2-Pole/6-Pole	4	230	1.0 A/12	60	44	870.08
PD-245E	Power Defender Executive 2-Pole/6-Pole	4.5	230	1.3 A/14	60	46	951.32

Call for available cords and plugs.

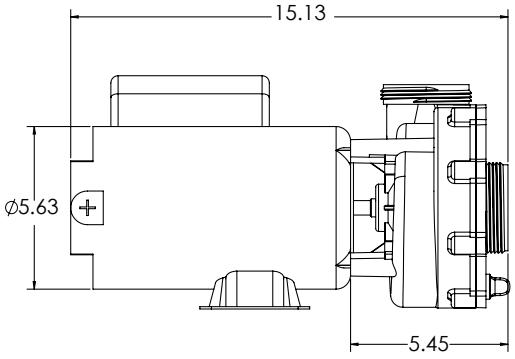
Power Defender EX2 2 SPEED PUMP

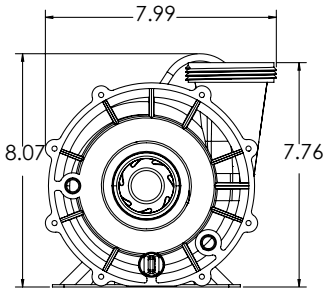
Better performance with outstanding durability.



FEATURES:

- Energy efficient two speed pump design
- 1.5 Horsepower Special (1.0 True Break HP), 9.5 Amps, 115 VAC
- Proven EX2 wet end
- Silicone carbide seals, Viton bellows, 316SS casing
- Direct replacement for Aqua-Flo XP2 pumps





Power Defender EX2 2 Speed

Part No.	Description	HP	Volts	Total Amps	Hz	Weight (lbs.)	List (US $)
PD-110X	Power Defender EX2 2-Speed	1.5 HP SPL	115	9.5/3.2	60	26	510.00

Call for available cords and plugs.

Spa Pumps / **Viper - 56-Frame**

FEATURES:

- Viper wet end designed specifically for 56-frame motors
- Two double shielded ball bearings with moisture resistant grease for quieter operation and longer life
- Two speed motors have four sets of insulated windings for increased efficiency
- 56-frame motor for added strength, cooler operating temperature and longer motor life
- Large 2 ½" intake for improved flow performance and reduced noise
- Large 8" diameter wet end for increased volume capacity
- Split capacitor, (start and run) for less energy consumption
- Thermally protected to extend life expectancy of motor
- Highly versatile wet end can be rotated every 90°
- Silicone carbide seals, Viton bellows, 316SS casing

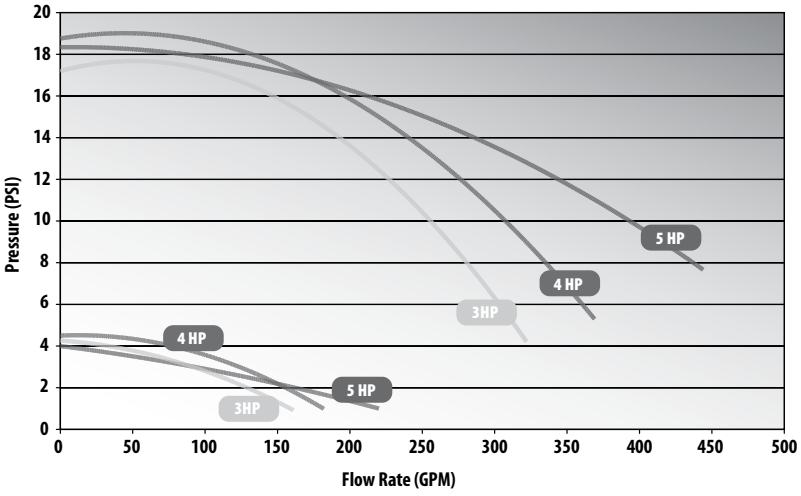
Call for available cords and plugs.

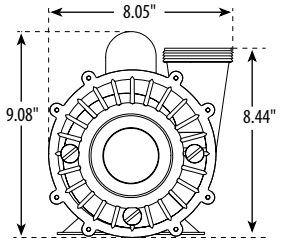


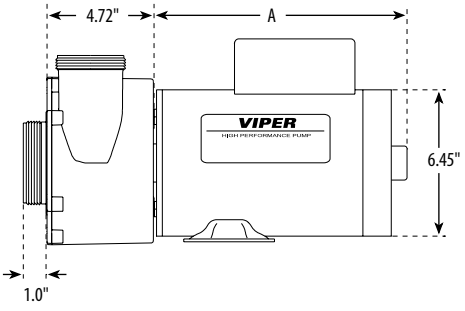
For 2-speed models only

For replacement parts, see page 291.

Viper Performance Chart







2-Speed Viper 56-Frame Pumps

Part No.	Description	HP	Volts	Amps High Speed	Amps Low Speed	Hz	Dimension "A"	Weight (lbs.)	List (US $)
3721221-1V	2 ½" Intake - 2 ½" Discharge	3	230	10	3.5	60	11"	37	805.15
3721621-1V	2 ½" Intake - 2 ½" Discharge	4	230	12	4.4	60	11"	44	864.38
3722021-0V	2 ½" Intake - 2 ½" Discharge	5	230	16.4	4.8	60	11"	47	892.35

1-Speed Viper 56-Frame Pumps

Part No.	Description	HP	Volts	Amps	Hz	Dimension "A"	Weight (lbs.)	List (US $)
3711621-0V	2 ½" Intake - 2 ½" Discharge	4	230	12	60	11"	41	752.77
3712021-0V	2 ½" Intake - 2 ½" Discharge	5	230	16.4	60	11"	--	752.77

EXECUTIVE WET END FEATURES:

- High performance Executive wet end specifically designed for 56-frame motors
- Large 2" intake for improved flow performance and noise reduction
- Large 6" diameter wet end for higher head pressure
- Highly versatile wet end can be rotated every 90°

VIPER WET END FEATURES:

- Ultra high performance Viper wet end specifically designed for 56-frame motors
- Extra large 2 ½" intake for improved flow performance and noise reduction
- Large 8" diameter wet end to move higher volumes of water at lower pressures
- Highly versatile wet end can be rotated every 90°

MOTOR FEATURES:

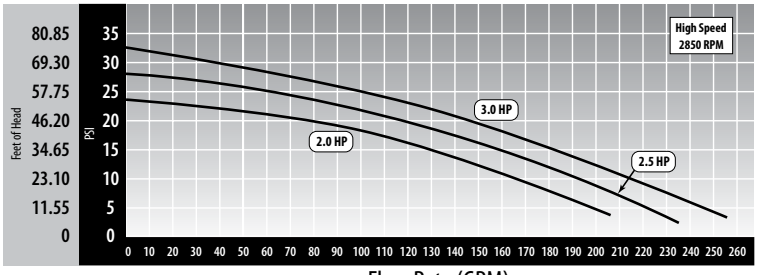
- Water repellent Italian made EMG motor
- 56-frame motor for added strength, cooler operating temperature and longer motor life
- Two double shielded ball bearings with moisture resistant grease for quieter operation and longer life
- Two-speed motors have four sets of insulated windings for increased efficiency
- Split capacitor, (start and run) for less energy consumption
- Thermally protected to extend life expectancy of motor
- IPX5 construction

PUMP FEATURES:

- TUV listed
- TUV J and J mini plug *(optional)*
- Silicone carbide seals, Viton bellows, 316SS casing

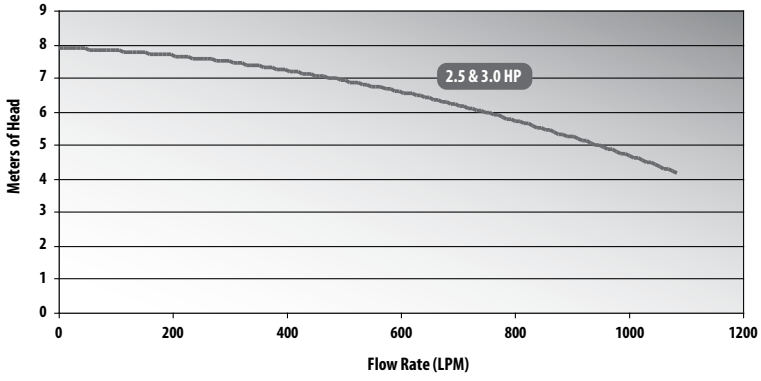


PRESSURE VERSUS FLOW RATE



Flow Rate (GPM)

PRESSURE VERSUS FLOW RATE - VIPER EURO PERFORMANCE CHART



Executive Euro 50 Hz Pumps

Part No.	Description	HP	Speed	Hz	Volts	Amps	List (US $)
3R10850-0D	Executive Euro Pump	2 HP	1-Speed	50	230	8.7	673.97
3R11250-0D	Executive Euro Pump	3 HP	1-Speed	50	230	12.7	683.47
3R20850-0D	Executive Euro Pump	2 HP	2-Speed	50	230	9.3 / 1.8	746.85
3R21050-0D	Executive Euro Pump	2 ½ HP	2-Speed	50	230	10.3 / 1.8	887.87

Viper Euro 50 Hz Pumps

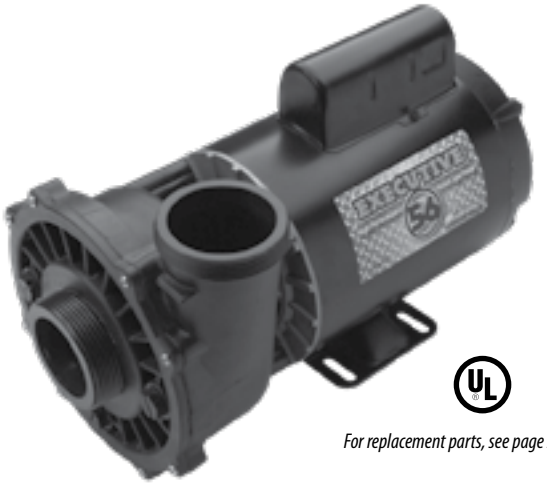
Part No.	Description	HP	Speed	Hz	Volts	Amps	List (US $)
3R11250-0V	Viper Euro Pump	3 HP	1-Speed	50	230	12.3 / 12.8	704.45
3R21050-0V	Viper Euro Pump	2 ½ HP	2-Speed	50	230	11.4	908.87

Spa Pumps / **Executive - 56-Frame**

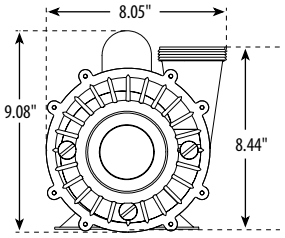
FEATURES:

- Executive wet end designed specifically for 56-frame motors
- Two double shielded ball bearings with moisture resistant grease for quieter operation and longer life
- Two speed motors have four sets of insulated windings for increased efficiency
- 56-frame motor for added strength, cooler operating temperature and longer motor life
- Large 2 ½" intake for improved flow performance and reduced noise
- Large 6 ½" diameter wet end for higher head pressure
- Split capacitor, (start and run) for less energy consumption
- Thermally protected to extend life expectancy of motor
- Highly versatile wet end can be rotated every 90°
- Silicone carbide seals, Viton bellows, 316SS casing

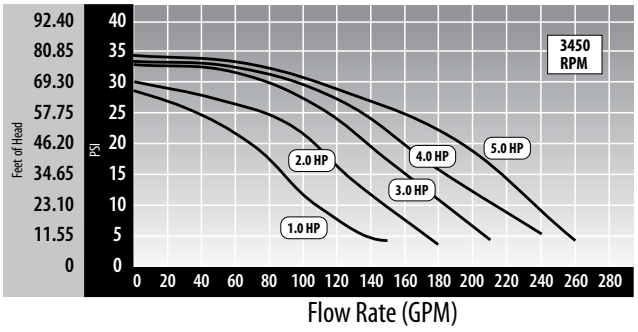
Call for available cords and plugs.

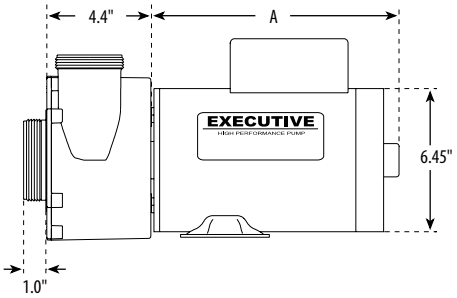


For replacement parts, see page 289.



PRESSURE VERSUS FLOW RATE





2-Speed Executive 56-Frame Pumps

Part No.	Description	HP	Volts	Amps High Speed	Amps Low Speed	Hz	Dimension "A"	Weight (lbs.)	List (US $)
3720821-1D	2" Intake - 2" Discharge	2	230	8.0	3.0	60	8.875"	34	667.78
3720821-13	2 ½" Intake - 2" Discharge	2	230	8.0	3.0	60	8.875"	34	667.78
3721221-1D	2" Intake - 2" Discharge	3	230	10.0	3.4	60	9.875"	37	713.53
3721221-13	2 ½" Intake - 2" Discharge	3	230	10.0	3.4	60	9.875"	37	713.53
3721621-1D	2" Intake - 2" Discharge	4	230	12.0	4.4	60	10.375"	44	777.95
3721621-13	2 ½" Intake - 2" Discharge	4	230	12.0	4.4	60	10.375"	44	777.95
3722021-1D	2" Intake - 2" Discharge	5	230	16.4	4.8	60	10.375"	47	883.40
3722021-13	2 ½" Intake - 2" Discharge	5	230	16.4	4.8	60	10.375"	46	883.40

1-Speed Executive 56-Frame Pumps

Part No.	Description	HP	Volts	Amps	Hz	Dimension "A"	Weight (lbs.)	List (US $)
3710821-1D	2" Intake - 2" Discharge	2	230	8.0	60	8.875"	34	667.78
3710821-13	2 ½" Intake - 2" Discharge	2	230	8.0	60	8.875"	34	667.78
3711221-1D	2" Intake - 2" Discharge	3	230	10.0	60	9.875"	34	713.53
3711221-13	2 ½" Intake - 2" Discharge	3	230	10.0	60	9.875"	34	713.53
3711621-1D	2" Intake - 2" Discharge	4	230	12.0	60	10.375"	41	740.19
3711621-13	2 ½" Intake - 2" Discharge	4	230	12.0	60	10.375"	40	761.83
3712021-1D	2" Intake - 2" Discharge	5	230	16.4	60	10.375"	45	761.83
3712021-13	2 ½" Intake - 2" Discharge	5	230	16.4	60	10.375"	45	771.87

FEATURES:

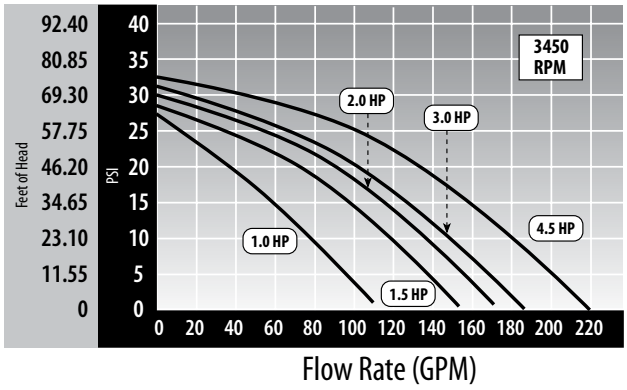
- Executive wet end designed specifically for 48-frame motors
- Large 2 ½" intake for improved flow performance and reduced noise
- Large 6 ½" diameter wet end for higher head pressure
- Thermally protected to extend life expectancy of motor
- Highly versatile wet end can be rotated every 90°
- Silicone carbide seals, Viton bellows, 316SS casing

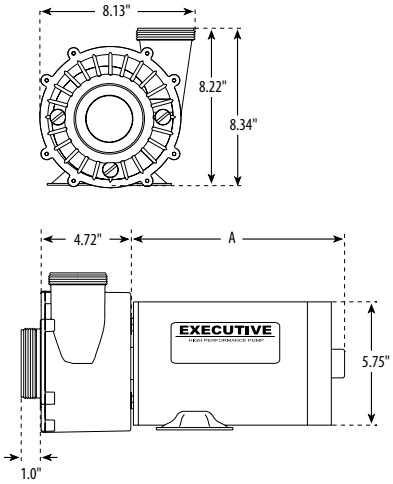
Call for available cords and plugs.



For replacement parts, see page 289.

PRESSURE VERSUS FLOW RATE





2-Speed Executive 48-Frame Pumps

Part No.	Description	HP	Volts	Amps High Speed	Amps Low Speed	Hz	Dimension "A"	Weight (lbs.)	List (US $)
3420410-1A	2" Intake - 2" Discharge	1.0	115	11.0	2.9	60	9.73"	27	574.13
3420410-13	2 ½" Intake - 2" Discharge	1.0	115	11.0	2.9	60	9.73"	27	574.13
3420610-1A	2" Intake - 2" Discharge	1.5	115	16.4	4.4	60	10.48"	30	626.92
3420610-13	2 ½" Intake - 2" Discharge	1.5	115	16.4	4.4	60	10.48"	30	626.92
3420620-1A	2" Intake - 2" Discharge	1.5	230	8.0	2.6	60	10.45"	30	626.92
3420620-13	2 ½" Intake - 2" Discharge	1.5	230	8.0	2.6	60	10.45"	30	626.92
3420820-1A	2" Intake - 2" Discharge	2.0	230	10.5	2.6	60	11.0"	33	664.27
3420820-13	2 ½" Intake - 2" Discharge	2.0	230	10.5	2.6	60	11.0"	33	664.27
3421221-1A	2" Intake - 2" Discharge	3.0	230	8.5	2.8	60	11.0"	36	687.40
3421221-13	2 ½" Intake - 2" Discharge	3.0	230	8.5	2.8	60	11.0"	36	687.40
3421821-1A	2" Intake - 2" Discharge	4.5	230	12.0	3.5	60	11.98"	37	774.94
3421821-13	2 ½" Intake - 2" Discharge	4.5	230	12.0	3.5	60	11.98"	36	774.94

1-Speed Executive 48-Frame Pumps

Part No.	Description	HP	Volts	Amps	Hz	Dimension "A"	Weight (lbs.)	List (US $)
3410410-1A	2" Intake - 2" Discharge	1.0	115	12	60	9.23"	22	496.77
3410610-1A	2" Intake - 2" Discharge	1.5	115	17	60	9.78"	26	533.83
3410830-1A	2" Intake - 2" Discharge	2.0	115/230	20/10	60	10.98"	33	611.32
3410830-13	2 ½" Intake - 2" Discharge	2.0	115/230	20/10	60	10.98"	33	611.32
3411621-1A	2" Intake - 2" Discharge	4.0	230	12	60	11.18"	36	718.10
3411621-13	2 ½" Intake - 2" Discharge	4.0	230	12	60	11.18"	36	718.10

Spa Pumps / **EX 2**

FEATURES:

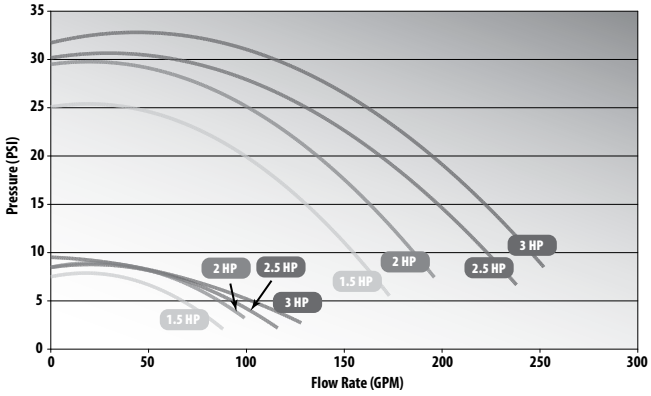
- True continuous rated horsepower of 1.5, 2.0, 2.5 and 3.0 HP
- 48-Frame or 56-Frame, Single or Dual Speed (energy saving)
- Use more jets per pump
- Same physical size as Aqua-Flo XP2, XP2e (fits within the same volume envelope)
- Can be used as substitute or retrofit to Aqua-Flo model XP2 or XP2e pumps and similar pumps and wet ends offered by other domestic and foreign suppliers
- Made in USA from highest quality materials with UL and CUL certifications
- CE and TUV certification on export pumps to ensure product performance for you and your customers
- Silicone carbide seals, Viton bellows, 316SS casing
- Equipped with high efficiency electrical motors, custom designed for Spa applications

Call for available cords and plugs.



For replacement parts, see page 290.

EX2 Performance Chart



2-Speed EX 2 48-Frame Pumps

Part No.	Description	HP - Full	Volts	Amps High Speed	Amps Low Speed	Hz	Weight (lbs.)	List (US $)
3420610-1U	2" Intake - 2" Discharge	1.5	115	13.5	4.7	60	--	626.92
3420820-1U	2" Intake - 2" Discharge	2	230	10.5	2.6	60	33	664.27
3421021-1U	2" Intake - 2" Discharge	2	230	9.0	2.8	60	31	609.81
3421221-1U	2" Intake - 2" Discharge	2	230	8.5	2.8	60	34	687.40
3421020-1U	2" Intake - 2" Discharge	2.5	230	11.0	3.3	60	36	712.62
3421821-1U	2" Intake - 2" Discharge	3	230	12.0	3.5	60	37	774.94

1-Speed EX 2 48-Frame Pumps

Part No.	Description	HP - Full	Volts	Amps	Hz	Weight (lbs.)	List (US $)
3410610-1U	2" Intake - 2" Discharge	1.5	115	17.0	60	27	533.83
3411020-1U	2" Intake - 2" Discharge	2.5	230	10.0	60	34	715.30
3411621-1U	2" Intake - 2" Discharge	3.0	230	12.0	60	35	718.10

2-Speed EX 2 56-Frame Pumps

Part No.	Description	HP - Full	Volts	Amps High Speed	Amps Low Speed	Hz	Weight (lbs.)	List (US $)
3720821-1W	2" Intake - 2" Discharge	2	230	8.0	3.0	60	34	667.78
3721621-1W	2" Intake - 2" Discharge	3.0	230	12.0	4.4	60	47	777.87
3M21621-1W	2" Intake - 2" Discharge	3.0	230	12.0	4.4	60	44	777.87

1-Speed EX 2 56-Frame Pumps

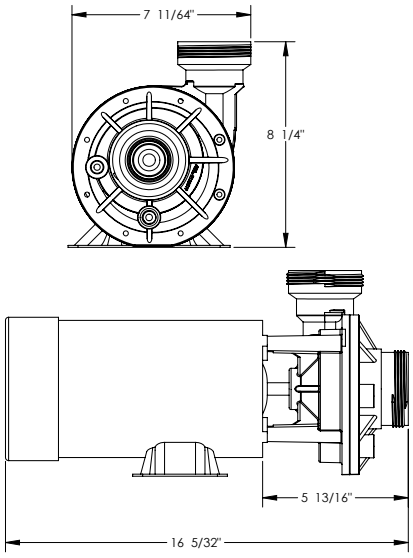
Part No.	Description	HP - Full	Volts	Amps	Hz	Weight (lbs.)	List (US $)
3711621-1W	2" Intake - 2" Discharge	3.0	230	12.0	60	41	747.45

FEATURES:

- High volume side discharge efficiency
- 60% more efficient than our center discharge pumps
- 2" intake and discharge
- Wet end can be rotated for easy installation
- Available in 1 to 4 HP, 1 or 2 speed
- Large 6 ½" diameter wet end for higher head pressure
- Silicone carbide seals, Viton bellows, 316SS casing

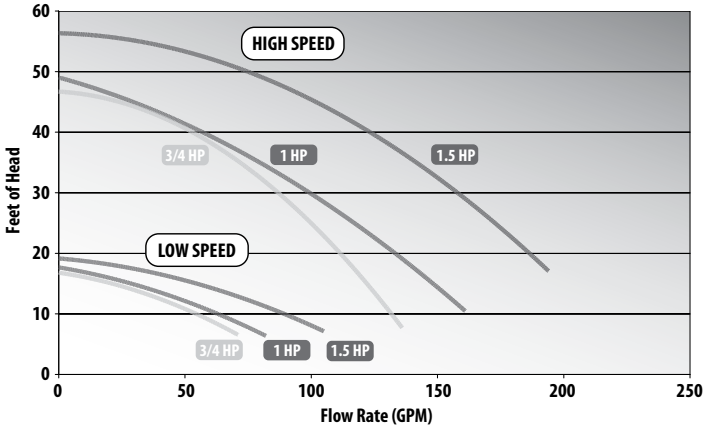


For replacement parts, see page 295.



Hi-Flo II

Hi-Flo II Performance Curves



2-Speed Hi-Flo II Side Discharge 48-Frame Pumps

Part No.	HP	Volts	Amps High Speed	Amps Low Speed	Hz	Dimension "A"	List (US $)
3420410-10	1.0	115	11.0	2.9	60	14.73"	574.13
3420610-10	1.5	115	16.4	4.4	60	15.48"	626.92
3420620-10	1.5	230	8.0	2.6	60	15.48"	626.92
3420820-10	2.0	230	10.5	2.6	60	16.00"	664.27

1-Speed Hi-Flo II Side Discharge 48-Frame Pumps

Part No.	HP	Volts	Amps	Hz	Dimension "A"	List (US $)
3410410-10	1.0	115	12.0	60	14.23"	495.68
3410612-10	1.5	115	17.0	60	14.78"	495.68
3410830-10	2.0	115/230	20-10	60	14.98"	611.32

Spa Pumps / **Spa Flo II - 48-Frame**

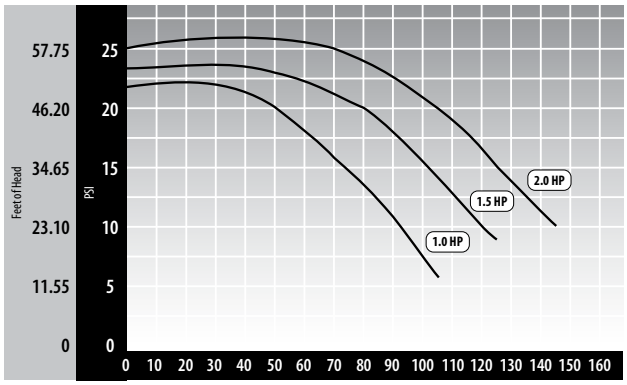
FEATURES:

- 48-frame proven design
- Designed for direct replacement in most spas
- Silicone carbide seals, Viton bellows, 316SS casing
- 1 ½" Intake and Discharge

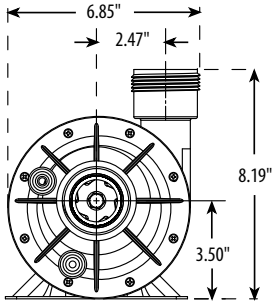


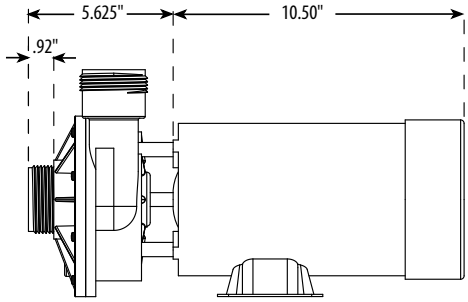
For replacement parts, see page 293.

PRESSURE VERSUS FLOW RATE



Flow Rate (GPM)





2-Speed Spa Flo II 48-Frame Pumps

Part No.	HP	Volts	Hz	Case Quantity	List (US $)
3420410-S0Z	1	115	60	1	574.13
3420610-S0Z	1 ½	115	60	1	626.92
3420820-S0Z	2	230	60	1	664.27

Sold without cords. Please call for available cords.

1-Speed Spa Flo II 48-Frame Pumps

Part No.	HP	Volts	Hz	Case Quantity	List (US $)
3410410-S0Z	1	115	60	1	496.16
3410610-S0Z	1 ½	115	60	--	533.83
3410830-S0Z	2	115 / 230	60	1	611.32

Sold without cords. Please call for available cords.

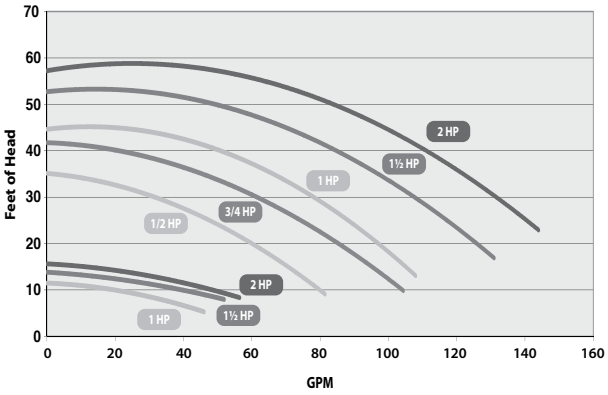
FEATURES:

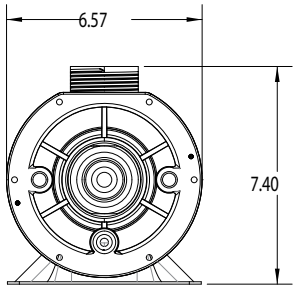
- Reliable center discharge performance
- 1 ½" intake and discharge
- Wet end can be rotated for easy installation
- Available in ¾ to 2 HP, 1 or 2 speed
- Silicone carbide seals, Viton bellows, 316SS casing

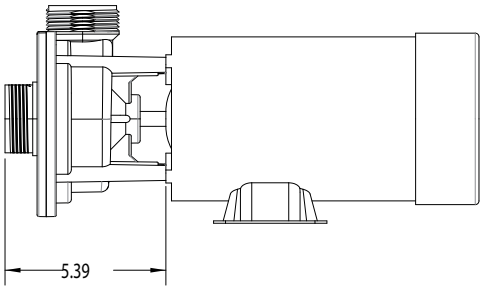


For replacement parts, see page 286.

Center Discharge e-Series Pumps







2-Speed Center Discharge Spa Pumps

Part No.	HP	Volts	Amps High Speed	Amps Low Speed	Hz	Dimension "A"	Weight (lbs.)	List (US $)
3420310-15	¾	115	8.8	2.6	60	15.00"	25	548.48
3420410-15	1.0	115	11.0	2.9	60	15.00"	26	574.13
3420610-15	1.5	115	16.4	4.4	60	15.75"	29	626.92
3420620-15	1.5	230	8.0	2.6	60	15.73"	29	626.92
3420820-15	2.0	230	10.5	2.6	60	16.28"	32	664.27

1-Speed Center Discharge Spa Pumps

Part No.	HP	Volts	Amps	Hz	Dimension "A"	Weight (lbs.)	List (US $)
3410310-15	¾	115	9.8	60	14.00"	19	474.89
3410410-15	1.0	115	12.0	60	14.50"	21	496.16
3410610-15	1.5	115	17.0	60	15.05"	26	533.83
3410830-15	2.0	115/230	20-10	60	16.26"	33	611.32

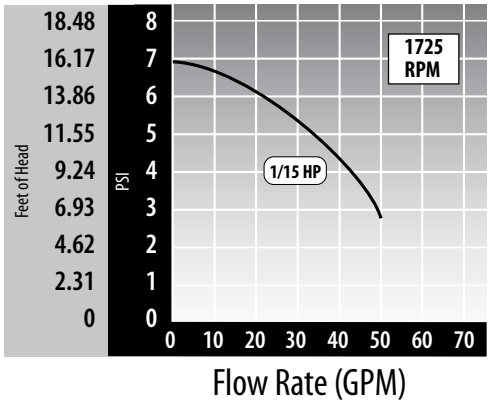
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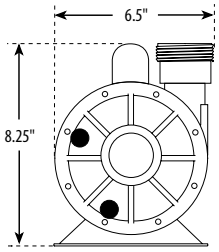
- 24-hour circulation
- 48-frame proven design
- Side discharge for optimum flow
- Multiple union assemblies available
- Delivers 40 GPM
- 1/15 HP
- Only 1.3 Amps
- Silicone carbide seals, Viton bellows, 316SS casing
- 1 ½" Intake and Discharge

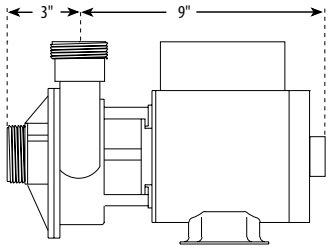
NOW in 50/60 Hz!



PRESSURE VS FLOW RATE







Iron Might 1-Speed 48-Frame Circulating Pumps

Part No.	Volts	Hz	Case Quantity	Weight (lbs.)	List (US $)
3J10070-0E	230	50/60	1	--	474.89
3410030-1E	115	60	1	14	496.16

Leaf Trap *(sold separately)*

Part No.	Description	Case Quantity	Weight (lbs.)	List (US $)
310-5400	Leaf Trap – 1 ½" Union x 1 ½" FPT	4	13	90.25



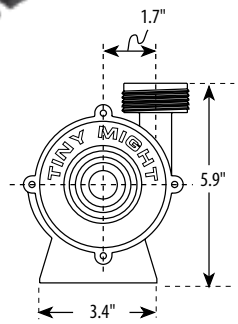
Pond Pump - Iron Might with Trap

Part No.	Description	Weight (lbs.)	List (US $)
3410030-1E77	1/15 HP - 115V - 6 ft. NEMA Cord	19	482.58

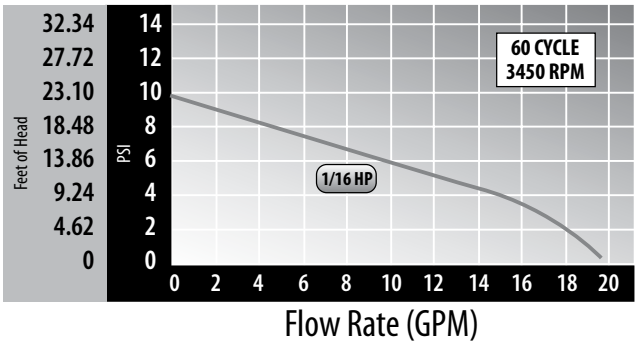
FEATURES:

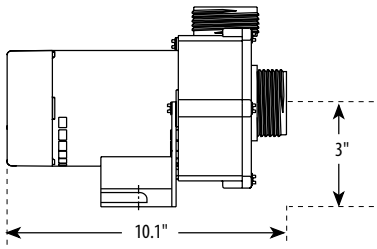
- High volume side discharge efficiency
- 60% more efficient than our center discharge pumps
- Side discharge for optimum flow
- 1" union or 1" barb
- Wet end can be rotated for easy installation
- 1/16 HP
- Large 6 ½" diameter wet end for higher head pressure





PRESSURE VERSUS FLOW RATE





Tiny Might Circulating Pumps							
Part No.	Description	HP	Volts	Amps	Hz	Weight (lbs.)	List (US $)
3312610-14	1" Union x 1" Union	1/16	115	0.8	60	7	355.11
3312620-14	1" Union x 1" Union	1/16	230	0.4	50/60	7	355.11
3312610-19	1" Barb x 1" Barb	1/16	115	0.8	60	7	355.11
3312620-19	1" Barb x 1" Barb	1/16	230	0.4	50/60	7	355.11

Spa Pumps / **Wet Ends**



310-0700

Silicone carbide seals,
Viton bellows,
316SS casing



310-0140

Spa Flo Wet Ends

Part No.	Rating	Case Quantity	List (US $)
310-0700	1 HP	1	105.84
310-0800	1 ½ HP	15	105.84
310-0810	2 HP	12	105.84

2 ½" Viper Wet Ends

Part No.	Motor	Rating	Case Quantity	List (US $)
310-0140	56-Frame	4 HP	8	127.15

EX2 Wet Ends

Part No.	Motor	Rating	Case Qty.	List (US $)
310-2450	48-Frame	1 ½ HP	8	127.15
310-2460	48-Frame	2 HP	8	127.15
310-2480	48-Frame	3 HP	8	127.15

Part No.	Motor	Rating	Case Qty.	List (US $)
310-2360	56-Frame	1 ½ HP	12	127.15
310-2370	56-Frame	2 HP	12	127.15
310-2380	56-Frame	3 HP	12	127.15
310-2390	56-Frame	2 ½ HP	12	127.15



310-2360

2" Executive Wet Ends

Part No.	Motor	Rating	Case Qty.	List (US $)
310-1870	48-Frame	1 HP	8	127.15
310-1880	48-Frame	1 ½ HP	8	127.15
310-1890	48-Frame	2 HP	8	127.15
310-1900	48-Frame	3 HP	8	127.15
310-1910	48-Frame	4 HP	8	127.15
310-1920	48-Frame	4 ½ HP	8	127.15
310-1930	48-Frame	5 HP	8	127.15

Part No.	Motor	Rating	Case Qty.	List (US $)
310-1710	56-Frame	1 HP	8	127.15
310-1720	56-Frame	2 HP	8	127.15
310-1730	56-Frame	3 HP	8	127.15
310-1740	56-Frame	4 HP	8	127.15
310-1750	56-Frame	5 HP	8	127.15



310-1870

2 ½" Executive Wet Ends

Part No.	Motor	Rating	Case Qty.	List (US $)
310-1800	48-Frame	1 HP	8	127.15
310-1810	48-Frame	1 ½ HP	8	127.15
310-1820	48-Frame	2 HP	8	127.15
310-1840	48-Frame	3 HP	8	127.15
310-1860	48-Frame	4 HP	8	127.15
310-1850	48-Frame	4 ½ HP	8	127.15
310-1830	48-Frame	5 HP	8	127.15

Part No.	Motor	Rating	Case Qty.	List (US $)
310-1460	56-Frame	1 HP	8	127.15
310-1480	56-Frame	2 HP	8	127.15
310-1500	56-Frame	3 HP	8	127.15
310-1440	56-Frame	4 HP	8	127.15
310-1510	56-Frame	5 HP	8	127.15



310-1800

2" Hi-Flo Side Discharge Wet Ends

Part No.	Rating	Case Qty.	List (US $)
310-1130SD	1 HP	12	127.15
310-1140SD	1 ½ HP	12	127.15
310-1141SD	2 HP	12	127.15
310-1150SD	3 HP	12	127.15
310-1160SD	4 HP	12	127.15



310-1130SD

E-Series Center Discharge Wet Ends

Part No.	Rating	Case Qty.	List (US $)
310-8200	½ HP	12	127.15
310-8210	¾ HP	12	127.15
310-8220	1 HP	12	127.15
310-8230	1.5 HP	12	127.15
310-8240	2 HP	12	127.15



310-8210

Note: E-Series Center Discharge Wet Ends are the same size as the Standard Series Center Discharge Wet Ends. See Page 286 Series Center Discharge.



310-7700SD

Silicone carbide seals,
Viton bellows,
316SS casing

2" Hi-Flo II Side Discharge Wet Ends

Part No.	Rating	Case Qty.	List (US $)
310-7700SD	1/2 HP	12	127.15
310-7710SD	3/4 HP	12	127.15
310-7720SD	1 HP	12	127.15
310-7730SD	1 ½ HP	12	127.15
310-7740SD	2 HP	12	127.15



310-7800

Spa Flo II Wet End

Part No.	Rating	Case Qty.	List (US $)
310-7800	½ HP	12	105.84
310-7810	¾ HP	12	105.84
310-7820	1 HP	12	105.84
310-7830	1 ½ HP	12	127.15
310-7840	2 HP	12	127.15



310-7820

Iron Might II Circulating Wet Ends

Part No.	Rating	Case Qty.	List (US $)
310-7820	1/8 HP	12	105.84



672-1000



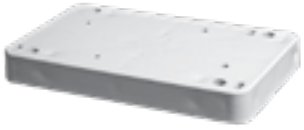
672-1010



672-1060

Equipment Bases

Part No.	Description	Case Quantity	List (US $)
672-1000	1" x 15 ¼" x 26 ¼"	100	42.50
672-1010	1" x 14 ½" x 15"	200	34.88
672-1060	1" x 8 ½" x 15 ½"	16	16.72



672-1030



672-7250



672-1320



672-1160



672-1100



672-1020



319-0019

Motor Bases

Part No.	Description	Case Quantity	List (US $)
672-1030	½" Thick Base	170	10.61
672-7250	Metal Pump Base Assembly - 7 ½" x 5 5/16"	25	15.67
672-1320	Rubber EMG Euro Motor Base *(sold as a pair)*	80	4.64
672-1100	¾" Thick Base with Tabs - PVC Flex	100	16.55
672-1020	¾" Thick Base	170	13.65
672-1080	¾" Thick Base - PVC Flex	50	13.65
319-0019	Self-Aligning Rubber Motor Base	100	6.19
672-1160	Universal Floating 9" x 9" Pump Base Assembly	25	15.67





Anti-Vibration Pads (sold separately only for Waterway pumps)

Pump Base Foot Pads

Part No.	Description	Case Quantity	List (US $)
672-1170	Anti-Vibration Pads	144	1.10



1 ½" MIP



1 ½"



2"



2 ½"



880-2599 880-2099 880-1599

Slice Valves

Part No.	Description	List (US $)
880-1500	1 ½" Slice Valve - 2" SPG / 1 ½" S x 1 ½" Spigot	18.23
880-1510	1 ½" Slice Valve - 1 ½" Spigot x 1 ½" Spigot	18.23
880-1530	1 ½" MIP Slice Valve - 1 ½" Hose	20.50
880-2020	2" Slice Valve - 2" S x 2" S	22.78
880-2010	2" Slice Valve - 2" Spigot x 2" Spigot	22.78
880-2000	2" Slice Valve - 2" Spigot x 2" S	22.78
880-2500	2 ½" Slice Valve - 2 ½" S x 2 ½" Spigot	35.21
880-2520	2 ½" Slice Valve - 2 ½" S x 2 ½" S	35.21
880-1599	Clip for 1 ½" Slice Valve	1.06
880-2099	Clip for 2" Slice Valve	1.23
880-2599	Clip for 2 ½" Slice Valve	1.28

FEATURES:

- Adjustable flow control
- Easy to adjust in tight places
- Requires less overhead space to turn on/off compared to slice valve
- 100% shut off
- No metal parts in contact with the water for a non-corrosive gate valve
- Waterway manufactures all TruSeal Gate Valves in the U.S.A.



Gate Valves

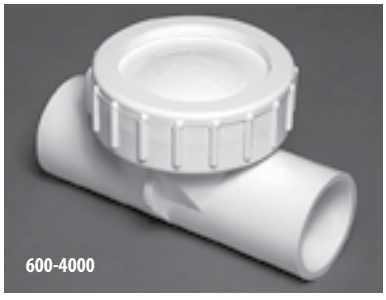
Part No.	Description	Color	Case Quantity	List (US $)
600-2370	Gate Valve – 2" S x 2" S	Clear	20	31.53
600-2380	Gate Valve – 2" S x 2" Spigot	Clear	20	31.53
600-2300	Gate Valve – 2 ½" S x 2 ½" Spigot	Clear	18	33.07


600-8140


550-6800


600-2900


670-1100


600-4000


670-2270

Check Valves

Part No.	Description	Case Quantity	List (US $)
600-8140	Air Check Valve - ¼ lb. Spring - 1 ½" S x 1 ½" S	50	19.53
600-8160	Air Check Valve - ¼ lb. Spring - 2" Spigot x 2" Spigot	50	20.51
600-8150	Water Bypass Valve - 8 lb. Spring - 1 ½" S x 1 ½" S *(standard color is black)*	50	27.08
550-6810	Flapper Check Valve Body - 1.25 - 2 lbs. Spring - 2" S x 2" S	72	14.03
550-6800	Flapper Check Valve Body - 2.5 - 8 lbs. Spring - 2" S x 2" S	72	14.03
600-4000	Flapper Check Valve - Tee - 1" S x 1" S *(standard color is white)*	80	16.78
600-5000	Check Valve Assembly - Tee - 1" S x 1" S	140	9.83
600-2900	1 ½" Blower Check Valve Assy	45	7.40
670-1100	1" Check Valve with Flapper Assembly		5.22
670-2270	½" S NEOPERL Check Valve with Cap/Foam	125	8.95
670-2220	½" S Tee NEOPERL Check Valve with Cap/Foam	150	9.44

NEW!


429-4000


400-4130

U-Bends

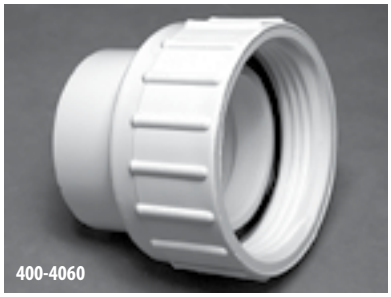
Part No.	Description	Case Quantity	List (US $)
429-4000	U-Bend - 1 ½" S x 1 ½" S	50	7.36
429-4030	U-Bend - 2" S x 2" S	40	10.95
400-4130	2" Sweep Vent Grate Assembly	12	11.42

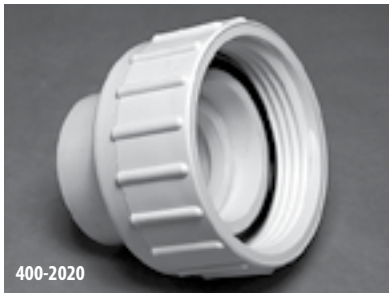




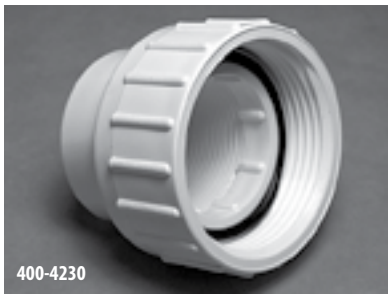
31" Pump Union Assemblies

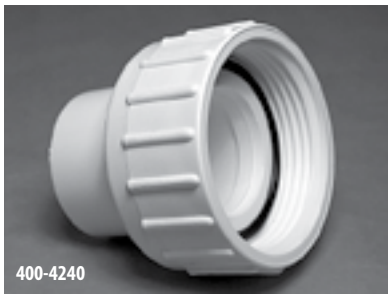
Part No.	Description	Case Quantity	List (US $)
400-1940	1" Union Nut with ¾" RB Tailpiece and O-Ring	25	4.20
400-1990	1" S Union Nut with 1" Slip Tailpiece and O-Ring	200	4.20











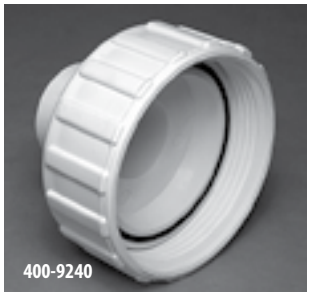


1 ½" Pump Union Assemblies

Part No.	Description	Case Quantity	List (US $)
400-4060	1 ½" Union Nut with 1 ½" S Tailpiece and O-Ring	200	5.05
400-5640	1 ½" Union Nut with 1 ½" S Tailpiece with Gasket	200	5.36
400-2020	1 ½" Union Nut with 1 ½" Spigot / 1" S Tailpiece and O-Ring	200	6.31
400-2010	1 ½" Union Nut with 50mm S Tailpiece and O-Ring	35	6.31
400-4230	1 ½" Union Nut with 1 ½" FPT Tailpiece and O-Ring	200	9.47
400-4510	1 ½" Union Nut with 1 ½" FPT Tailpiece and O-Ring with Gasket	200	9.77
400-4240	1 ½" Union Nut with 1 ½" Spigot Tailpiece and O-Ring	50	7.89
400-9280	1 ½" Union Nut with 1 ½" / 1 ¼" Hose Adapter and O-Ring	25	5.31

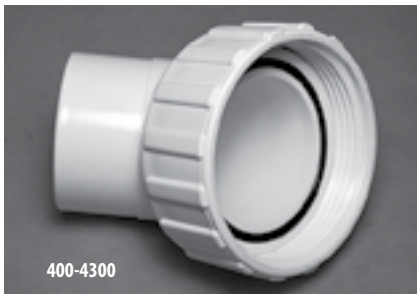
Unions / **Pump Union Assemblies**


400-5570


400-9240


400-5800


400-5660


400-4300


400-9230

2" Pump Union Assemblies

Part No.	Description	Case Quantity	List (US $)
400-5570	2" Union Nut with 2" S Tailpiece and O-Ring	70	7.59
400-5670	2" Union Nut with 2" S Tailpiece and O-Ring with Gasket	70	7.89
400-9240	2" Union Nut with 1 ½" Hose Adapter and O-Ring	30	10.93
400-5800	2" Union Nut with 2" S Sweep Ell - 90° Tailpiece	40	9.83
400-5660	2" Union Nut with 1 ½" FPT Nut Tailpiece and O-Ring	72	13.65
400-4300	2" Union Nut with 2" Spigot 45° Tailpiece and O-Ring	70	8.40
400-9230	2" Union Nut with 2" Spigot / 1 ½" S Tailpiece and O-Ring	40	7.59
400-5680	2" Union Nut with 2" Spigot / 1 ½" S Tailpiece and O-Ring with Gasket	140	7.89


400-5990


400-6010

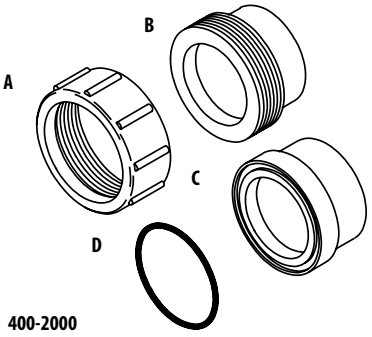

400-4481-CPVC

2 ½" Pump Union Assemblies

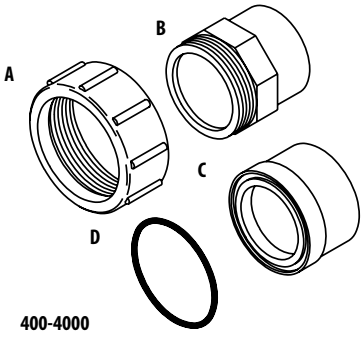
Part No.	Description	Case Quantity	List (US $)
400-5990	2 ½" Union Nut with 2" S Tailpiece and O-Ring	50	10.70
400-6010	2 ½" Union Nut with 2 ½" S Tailpiece and O-Ring	36	10.70
400-6021B	2 ½" Union Nut x 2 ½" S - Black *(2 included with SVL56 pump)*	72	12.01
400-5971B	2 ½" Union Nut x 2" S - Black *(2 included with SVL56 pump)*	72	12.01

Swivel Union Assembly

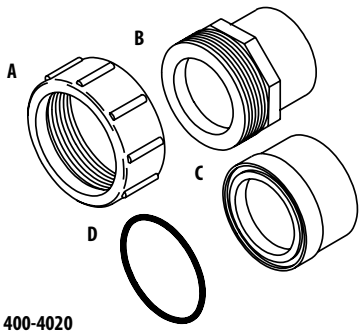
Part No.	Description	Case Weight	Case Quantity	List (US $)
400-4481-CPVC	Swivel Union Assembly - 2" S x 2" Spigot	34.56 lbs.	45	27.73



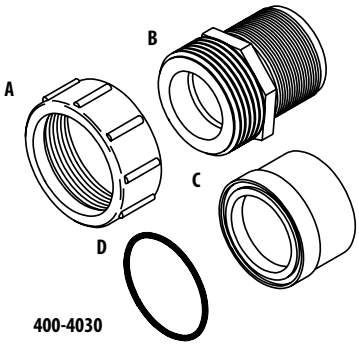
400-2000



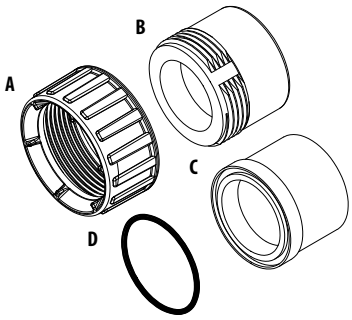
400-4000



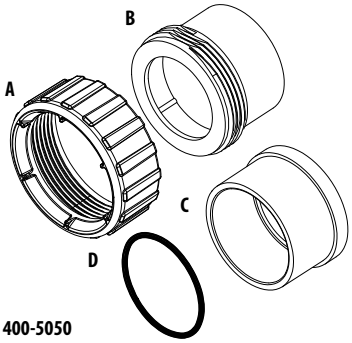
400-4020



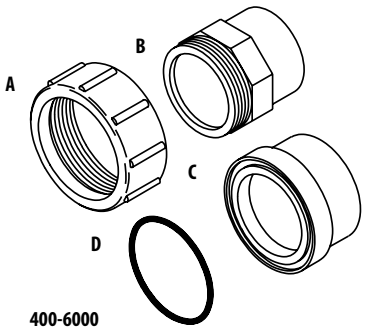
400-4030



400-5530



400-5050



400-6000

Union Assemblies

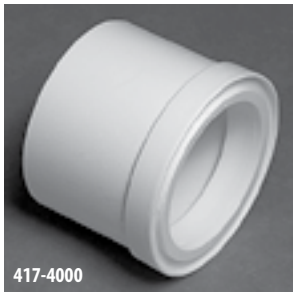
Part No.	Description	Part A	Part B	Part C	Part D	Case Quantity	List (US $)
400-2000	Union Assembly - 1" S x 1" S	415-2000	417-2010	417-2020	805-0123	60	8.12
400-4000	Union Assembly #1 - 1 ½" S x 1 ½" S	415-4000	417-4010	417-4000	805-0226	50	8.12
400-4020	Union Assembly #3 - 1 ½" S x 1 ½" Spigot	415-4000	417-4030	417-4000	805-0226	25	11.38
400-4030	Union Assembly - 1 ½" MPT x 1 ½" S	415-4000	417-4060	417-4000	805-0226	25	11.38
400-5530	Union Assembly - 2" Spigot / 1 ½" S x 1 ½" S	415-4000	417-4000	417-5080	805-0226	40	11.38
400-5050	Union Assembly #13 - 2" S x 2" S	415-5000	417-5040	417-5120	805-0229	25	11.41
400-6000	Union Assembly - 2 ½" S x 2 ½" S	415-6000	417-6010	417-6000	805-0232	36	13.01

Standard color is white. All fittings meet or exceed A.S.T.M. Schedule 40 standards.

Unions / 1 ½" Union Components


415-4000


417-4070


417-4000


417-2000


417-4030


417-4060


417-4080

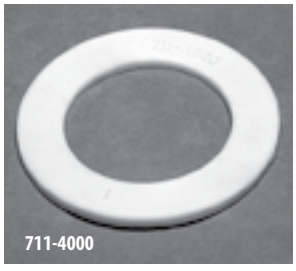

417-6040

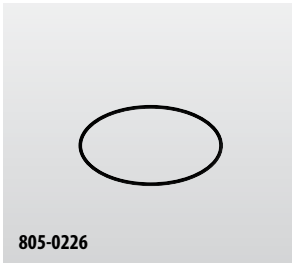

417-4010


417-6020


417-5080


417-4110


711-4000


805-0226

1 ½" Union Components

Part No.	Description	Case Quantity	List (US $)
415-4000	1 ½" Union Nut	250	2.49
417-4070	1 ½" Flange x 1 ½" FPT Tailpiece	100	2.49
417-4000	1 ½" Flange x 1 ½" S Tailpiece	300	2.77
417-5500	1 ½" Flange x 50mm S Tailpiece	100	2.49
417-2000	1 ½" Flange x 1 ½" Spigot / 1" S Tailpiece	50	5.95
417-4100	1 ½" Flange x 1 ½" Spigot	75	4.78
417-4030	1 ½" Buttress Thread x 1 ½" Spigot Tailpiece	230	2.49
417-4060	1 ½" Buttress Thread x 1 ½" MPT Tailpiece	230	2.59
417-4080	1 ½" Flange x 1 ½" S Tailpiece - Short	150	2.25
417-6040	1 ½" Flange x 1 ½" / 1 ¼" Hose Adapter Fitting	75	2.17
417-4010	1 ½" Buttress Thread x 1 ½" S Tailpiece	250	2.78
417-6020	1 ½" Flange x 1 ½" S Hose Adapter Fitting	50	2.70
417-5080	1 ½" Buttress Thread x 1 ½" S x 2" Spigot Tailpiece	75	3.25
417-4110	1 ½" Buttress x 1 ½" S - Short	150	4.35
711-4000	1 ½" Union Gasket	500	0.62
805-0226	O-Ring – 1 ½" Tailpiece	100	0.60


415-5000


417-5120


417-5020

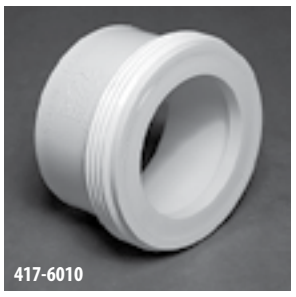

417-5130

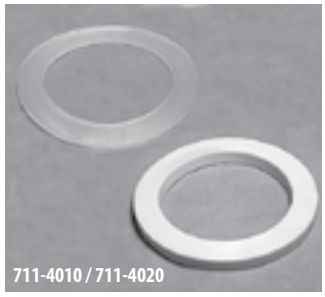

417-6030


417-5260

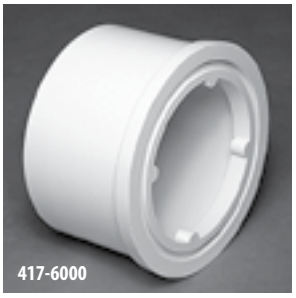

417-4220


417-5040


417-6010


711-4010 / 711-4020


415-6000


417-6000


805-0145


805-0232

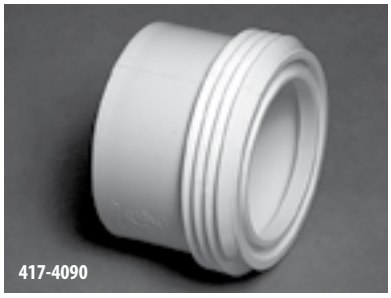
2" and 2 ½" Union Components

Part No.	Description	Case Quantity	List (US $)
415-5000	2" Union Nut	180	3.78
417-5120	2" Flange x 2" S Tailpiece	50	3.94
417-5020	2" Flange x 2" Spigot / 1 ½" S Tailpiece	100	4.38
417-5130	2" Flange x 1 ½" FPT Nut Tailpiece	140	3.45
417-6050	2" Flange x 1 ½" / 1 ¼" Hose Adapter Fitting	200	3.65
417-6030	2" Flange x 1 ½" Hose Adapter Fitting	25	3.33
417-5260	2" Buttress Thread x 2" Spigot / 1 ½" S Tailpiece	160	4.38
417-4220	2" Flange x 2" MPT	50	7.70
417-5090	2" Flange Thread x 1 ½" MPT Tailpiece	25	4.38
417-5040	2" Buttress Thread x 2" S Tailpiece	150	3.06
805-0145	O-Ring – 2" Heater Tailpiece	100	0.60
805-0229	2" Pump Union (thick) O-ring	100	0.71
711-4010	2" Flat Union Gasket	500	0.72
711-4020	2" x ¼" Thick Union Gasket	500	1.30
711-4030	2" Ribbed O-ring Union Gasket	500	0.79
415-6000	2 ½" Union Nut	50	7.32
417-6000	2 ½" Flange x 2 ½" Socket	50	4.69
417-5970	2 ½" Flange x 2" Socket	50	4.38
417-6010	2 ½" Buttress Thread x 2 ½" Socket	100	5.04
805-0232	O-Ring – 2 ½" Heater Tailpiece	100	1.29



1 ½" Heater Union Nuts

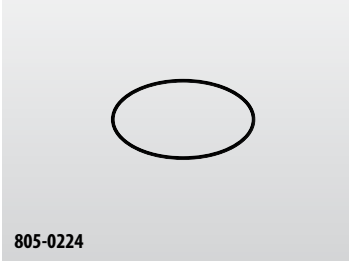
Part No.	Description	Case Quantity	List (US $)
400-5461	1 ½" Heater Split Nut - Long Assembly - with Screws	150	5.30
400-5491	1 ½" Heater Split Nut - with Screws	250	3.26
415-4021	1 ½" Heater Split Nut - without Screws	100	2.08

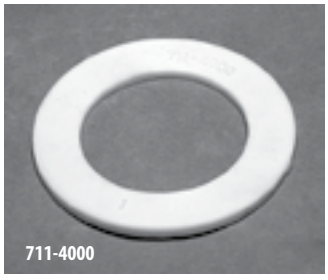


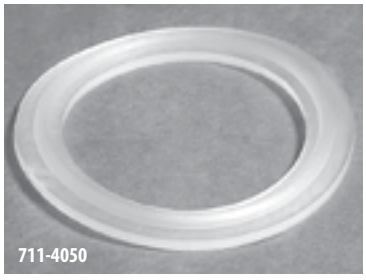


1 ½" Heater Union Tailpieces

Part No.	Description	Case Quantity	List (US $)
417-4090	1 ½" Buttress Thread x 1 ½" S Tailpiece	100	1.82
417-4050	1 ½" Buttress Thread x 1 ½" Spigot Tailpiece	75	1.82







1 ½" Heater Union O-Ring Gaskets

Part No.	Description	Case Quantity	List (US $)
805-0224	O-Ring - 1 ½" Heater Tailpiece	100	0.60
711-4000	Gasket - 1 ½" Heater Tailpiece	500	0.62
711-4050	O-Ring Gasket - 1 ½" Heater Tailpiece	500	0.69


400-5161

2" Heater Union Nuts

Part No.	Description	Case Quantity	List (US $)
400-5161	2" Heater Split Nut - with Screws	150	2.95
415-5161	2" Heater Split Nut - without Screws	150	2.65


417-2090


417-5060


417-5140

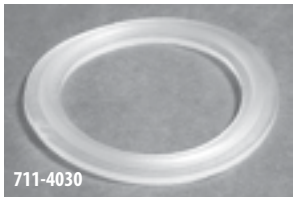

413-2160

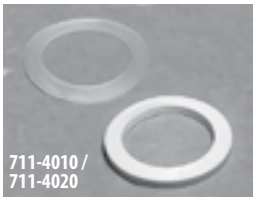

417-5180


417-5160

2" and 2 ½" Heater Union Tailpieces

Part No.	Description	Case Quantity	List (US $)
417-2090	2" Buttress Thread x 1 ½" S Tailpiece	50	2.44
417-5050	2" Buttress Thread x 2" S Tailpiece	150	2.44
417-5060	2" Buttress Thread x 2" Spigot Tailpiece	45	2.44
417-5160	2" Buttress Thread x 2" Spigot / 1 ½" S Tailpiece	160	5.15
417-5140	2" Buttress Thread x 2" MPT Tailpiece	45	3.65
413-2160	Heater Flow Switch Tee - 2" Buttress Thread x 2" Spigot x ½" FPT	25	13.65
417-5180	2" Buttress Thread x ¾" S / 1" Spigot	100	2.77
417-5980	2 ½" Heater Buttress Tailpiece	25	5.04


711-4030


711-4010 / 711-4020

2" and 2 ½" Heater Union O-Rings and Gaskets

Part No.	Description	Case Quantity	List (US $)
711-4020	¼" Thick Gasket - 2" Heater Tailpiece	500	1.30
711-4010	Gasket - 2" Heater Tailpiece	500	0.72
805-0229	O-Ring - 2" Heater	100	0.71
711-4030	2" Heater Tailpiece Gasket - with O-Ring Rib	500	0.79
711-6020	2 ½" Heater Union Gasket	500	0.60







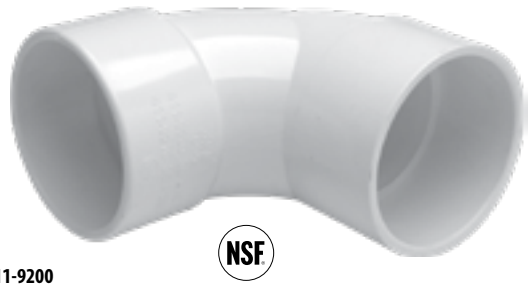






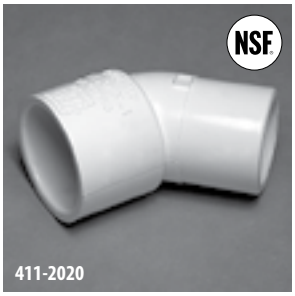


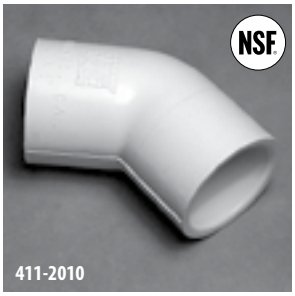




Sweep Ells

Part No.	Description	NSF Approved	Case Weight	Case Quantity	List (US $)
411-9100	1 ½" Spigot x 1 ½" S	x	7.19 lbs.	25	4.61
411-9110	1 ½" S x 1 ½" S	x	7.29 lbs.	25	4.61
411-9120	2" Spigot x 2" S	x	24.31 lbs.	60	5.18
411-9130	2" S x 2" S	x	24.13 lbs.	60	5.18
411-9140	2 ½" Spigot x 2 ½" S	x	20.92 lbs.	30	7.36
411-9150	2 ½" S x 2 ½" S	x	21.30 lbs.	30	7.36
411-9160	2" Spigot 90˚ x 2 ½" S	x	21.67 lbs.	35	11.04
411-9200	3" S x 3" S	x	21.67 lbs.	17	11.04
411-9210	3" S x 3" Spigot	x	25.68 lbs.	20	10.82







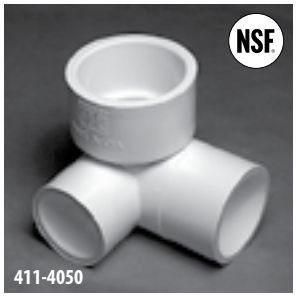










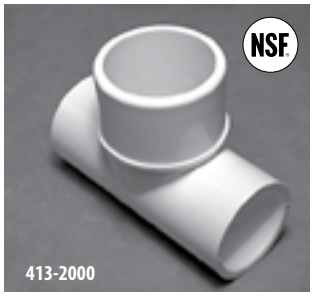


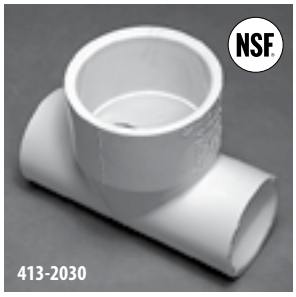


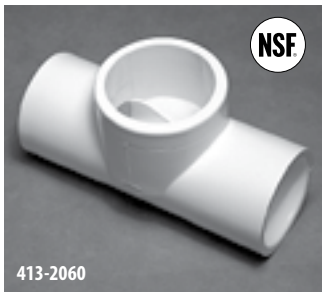


45° and 90° Ells

Part No.	Description	NSF Approved	Case Quantity	List (US $)
411-2020	45° Street Ell – 1" S x 1" Spigot	x	50	3.91
411-4040	45° Street Ell – 1 ½" S x 1 ½" Spigot		140	5.21
411-5030	45° Street Ell – 2" S x 2" Spigot		90	6.50
411-2010	45° Ell – 1" S x 1" S	x	150	3.82
411-2200	45° Ell – 2" Spigot x 2" Spigot	x	80	6.86
411-2000	90° Street Ell – 1" S x 1" Spigot	x	50	2.68
411-4000	90° Street Ell – 1 ½" S x 1 ½" Spigot		130	4.53
411-5080	90° Street Ell – 2" S x 2" Spigot		60	5.82
411-4010	90° Ell – 1 ½" S x 1 ½" S	x	50	2.93
411-5040	90° Street Ell – 2" S x 2" Spigot x ½" FPT Left Side Outlet	x	60	11.37
411-5050	90° Street Ell – 2" S x 2" Spigot x 3/8" FPT Left Side Outlet		25	11.37
411-5550	90° Ell – 1 ½" Spigot x 1 ½" Spigot	x	50	4.53
411-2100	90° Ell – 2" Spigot x 2" Spigot	x	60	6.50
411-4050	90° Ell – 1 ½" S x 1 ½" Spigot x 1" S Side Outlet	x	25	6.50
411-5060	90° Street Ell – 1 ½" S x 1 ½" Spigot x 1/8" FPT Side Outlet	x	50	8.13
411-4080	90° Street Ell – 1 ½" S x 1 ½" Spigot x ½" S Outlet	x	50	6.34
411-9170	Ell - 2" S x 2" S x ¾" SB		50	9.70
411-9180	Ell - 2 ½" S x 2 ½" S x ¾" SB		30	12.43







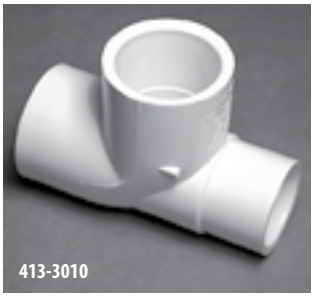


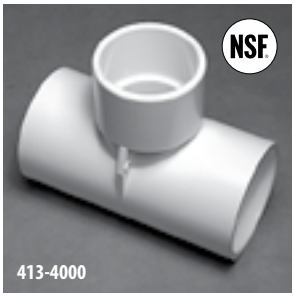


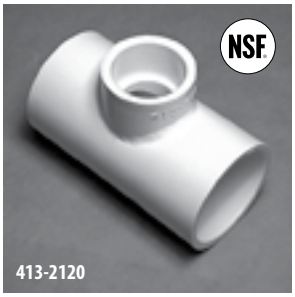












Tees				
Part No.	Description	NSF Approved	Case Quantity	List (US $)
413-2000	1" S x 1" S x 1 ½" Spigot	x	50	4.86
413-2030	1" S x 1" S x 1 ½" S	x	75	4.86
413-2060	Low Profile - 1" S x 1" S x 1 ½" Spigot	x	50	5.54
413-2080	1" S x 1" S x 1" Spigot	x	100	2.64
413-5030	2" S x 1 ½" S x 1" S	x	70	8.21
413-2140	2" S x 2" Spigot x ½" FPT		75	8.78
413-2180	2" Spigot x 2" S x 3/8" Air Bleed		75	8.51
413-2130	2" S x 2" Spigot x ¾" FPT		75	8.78
413-2210	2" Spigot x 2" Spigot x 2" Spigot		40	8.17
413-1980	Reducer - ½" S x ½" S x 1" S		100	2.64
413-3010	Reducer - 1" S x 1" S x 1" Spigot / ¾" S		50	3.09
413-4000	1 ½" S x 1 ½" S x 1 ½" Spigot	x	90	6.72
413-2150	2" Spigot x 2" S x ½" S		75	6.53
413-2120	2" Spigot x 2" Spigot x 1" S	x	90	7.64
413-2090	1 ¼" S x 1 ¼" S x 1 ½" Spigot		100	6.50

GREAT FOR SWIM SPAS



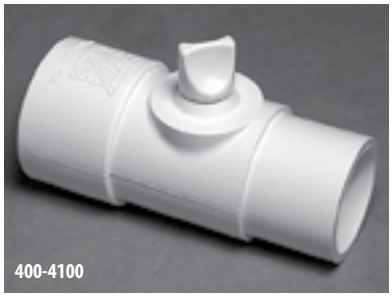
Sanitary Tee

Part No.	Description	Case Quantity	List (US $)
413-2320	2 ½" x 2 ½" x 2 ½"	15	20.00



Cross Tee

Part No.	Description	NSF Approved	Case Quantity	List (US $)
413-1770	Cross Tee - 1 ½" S x ¾" S x ¾" S x ¾" S	x	50	94.30



Tee Assemblies

Part No.	Description	Case Quantity	List (US $)
400-4100	Tee Assembly with Relief Plug 1 ½" S x 1 ½" Spigot x 3/8" FPT	100	10.23
400-4260	Tee Assembly with Relief Plug 2" Spigot x 2" S x 3/8" FPT with O-Ring	70	10.62









Wyes

Part No.	Description	NSF Approved	Case Quantity	List (US $)
413-1810	120° Wye - ¾" S x ¾" S x ¾" S	x	50	6.50
413-4160	120° Wye - 1" S x 1" S x 1" S		100	6.50
413-4100	120° Wye - 1 ½" S x 1 ½" S x 1 ½" S		70	9.79
413-5080	120° Wye - 2" S x 2" S x 2" S		50	13.65
413-5040	120° Wye - 2" S x 1 ½" S x 1 ½" S	x	50	13.65
413-4130	120° Wye - 1 ½" S x 1" S x 1" S	x	140	8.78
413-1820	22 ½° Wye - ¾" S x ¾" S x ¾" S	x	50	6.09
413-2020	22 ½° Wye - 1" S x 1" S x 1" S		120	6.50
413-4140	22 ½° Wye - 1 ½" S x 1" S x 1" S		90	7.42

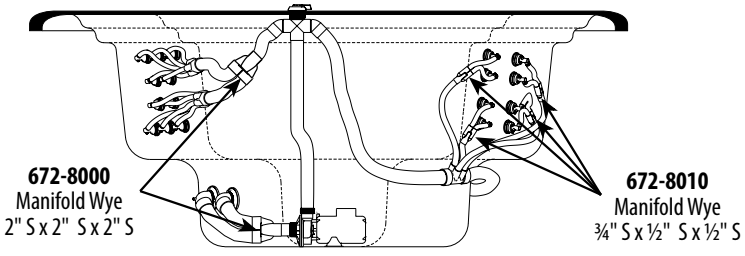






FEATURES:

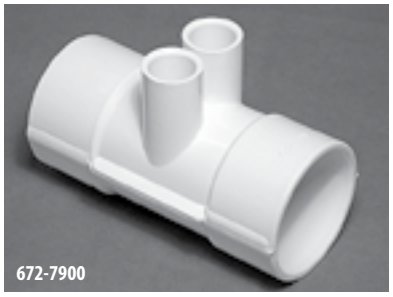
- Improves performance
- Saves plumbing cost
- Makes plumbing easier
- Available in two different sizes
- Made of fitting grade type 1 PVC
- Made in the USA



Manifold Wyes

Part No.	Description	Case Quantity	List (US $)
672-8010	¾" S x ½" S x ½" S	220	4.35
672-8020	1" S x ¾" S x ¾" S	180	4.35
672-8040	1 ½" S x 1 ½" S x 1 ½" S	50	9.92
672-8000	2" S x 2" S x 2" S	40	13.62
672-8050	2 ½" S x 2 ½" S x 2 ½" S	20	11.76
672-9540	(1) 2 ½" S x (3) 2" S Distributor Manifold	25	17.00

Notes


672-7900


672-4250


672-4570

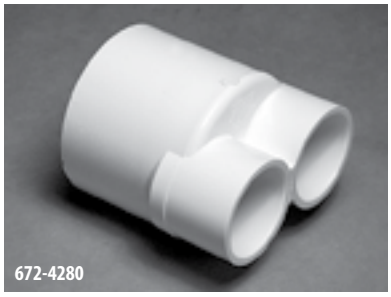

672-4380

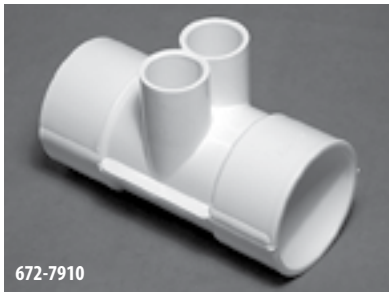

672-4120


672-4110


672-4630

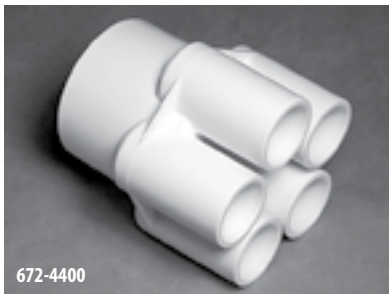
½" Manifolds			
Part No.	Description	Case Quantity	List (US $)
672-7900	2" S x 2" S x (2) ½" S Ports	45	5.07
672-4250	2" Spigot x 2" S x (4) ½" S Ports	50	5.51
672-4570	1" S x (4) ½" S Ports	90	4.90
672-4580	1 ½" S x (4) ½" S Ports	75	4.90
672-4430	2" S x 2" S x (4) ½" S Ports	40	5.51
672-4380	1" S x (5) ½" S Ports	60	7.83
672-4120	1 ½" S x (6) ½" S Ports	45	12.63
672-4130	2" S x (6) ½" S Ports	90	12.63
672-4110	2" S x 2" S x (6) ½" S Ports	35	8.16
672-4630	1 ½" Spigot x 1 ½" S x (10) ½" S Ports with Plugs (4)	30	13.30

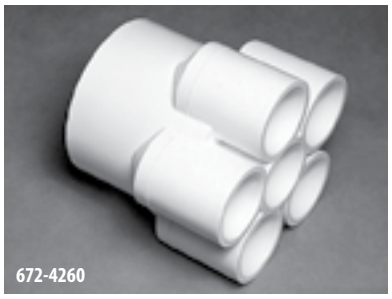

672-4280


672-7910


672-4200


672-4210


672-4400


672-4260

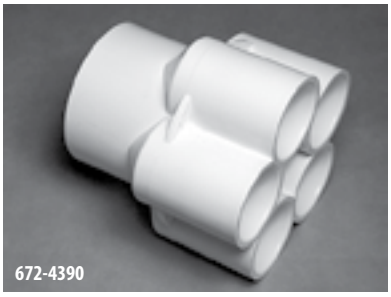

672-4270


672-4640

¾" Manifolds

Part No.	Description	Case Quantity	List (US $)
672-4280	1 ½" S x (2) ¾" S Ports	80	4.33
672-7910	2" S x 2" S x (2) ¾" S Ports	45	5.07
672-4190	1 ½" Spigot x 1 ½" S x (4) ¾" S Ports	60	5.21
672-4200	2" S x 2" Spigot x (4) ¾" S Ports	40	5.51
672-4670	1 ½" S x (4) ¾" S Ports	45	5.51
672-4180	1 ½" S x 1 ½" S x (4) ¾" S Ports	60	5.21
672-4210	2" S x 2" S x (4) ¾" S Ports	40	5.51
672-4400	2" S x (5) ¾" S Ports	50	12.19
672-4260	2" S x (6) ¾" S Ports	50	12.63
672-4270	2" S x 2" S x (6) ¾" S Ports	30	8.16
672-4640	1 ½" Spigot x 1 ½" S x (8) ¾" S Ports with Plugs (4)	20	13.30


672-4620

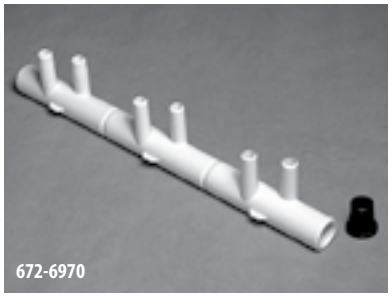

672-4390

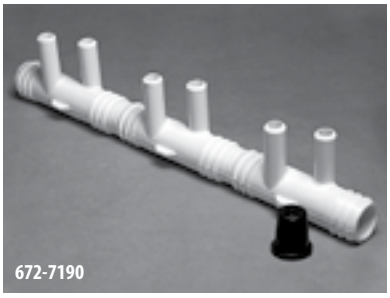
1" Manifolds

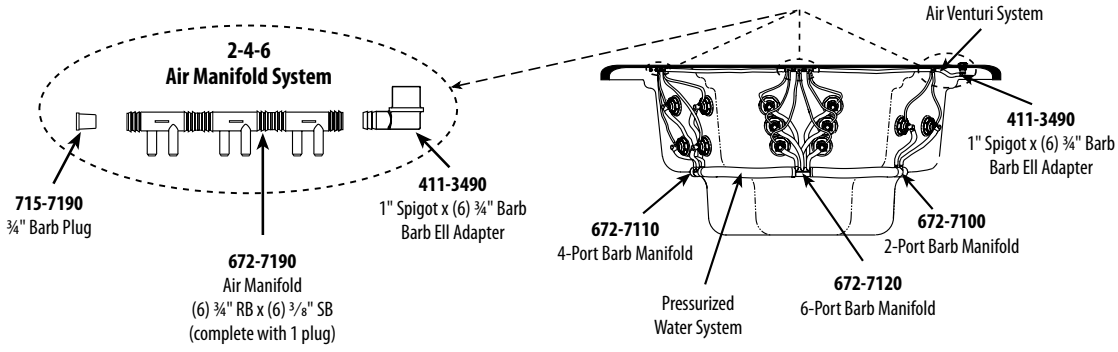
Part No.	Description	Case Quantity	List (US $)
672-4620	1 ½" S x (4) 1" S Ports	25	9.79
672-4390	2" S x (5) 1" S Ports	45	12.19

FEATURES:

- Can be cut into multiple manifolds (2, 4, or 6 ports)
- Utilizes ¾" and 3/8" clear vinyl tubing (less expensive than flex pipe)
- Allows for cleaner, easier plumbing
- Manifold comes complete with 1 plug


672-6970


672-7190



2-4-6 Air Manifold Systems

Part No.	Description	Case Quantity	List (US $)
672-6970	2-4-6 Manifold - (6) ¾" SB x (6) 3/8" SB Ports	50	8.16
672-7190	2-4-6 Manifold - (6) ¾" RB x (6) 3/8" SB Ports	50	8.16


672-4010


672-4030

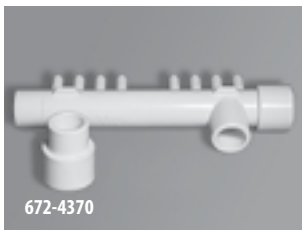

672-4070


672-4100


672-0550


672-4690


672-5060


672-4370

3/8" Barb Manifolds

Part No.	Description	Case Quantity	List (US $)
672-4010	1" Spigot x (2) 3/8" Barbs	250	2.77
672-4020	1" S x (2) 3/8" Barbs	200	2.77
672-4030	1" Spigot x (4) 3/8" Barbs	300	3.04
672-4040	1" S x (4) 3/8" Barbs	250	3.04
672-4070	(4) 3/8" RB	500	2.79
672-4610	1 ½" Spigot Blind x (4) 3/8" SB	150	4.64
672-4100	1" Spigot x (5) 3/8" Barbs	160	3.04
672-0550	(2) ½" S x (3) 3/8" SB	150	4.30
672-4700	1" Spigot x 1" Spigot x (6) 3/8" Barbs with Plugs (3)	50	7.42
672-4690	½" S x ½" S x (6) 3/8" Barbs with Plugs (2)	50	7.42
672-5060	1" S x 1" S x (6) 3/8" Barbs Assembly	100	5.78
672-4370	1" S x 1" Spigot x 1" S x (8) 3/8" Barbs with Plugs (4)	50	5.07

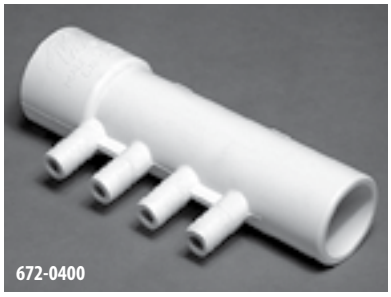

672-5930

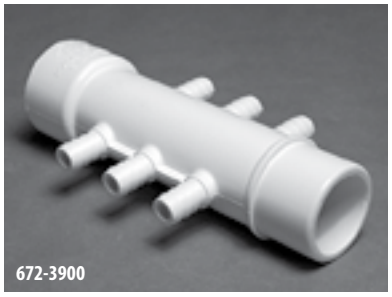

672-5830

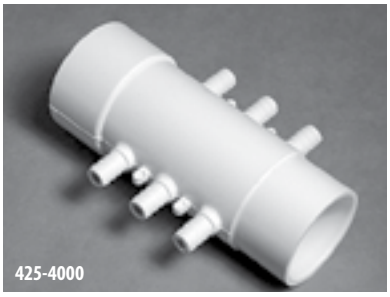

672-5960

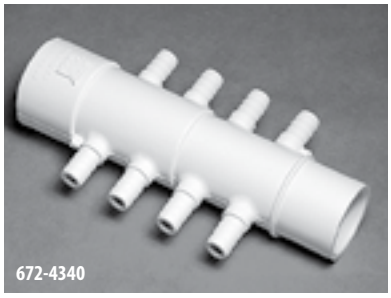
Pancake Manifolds

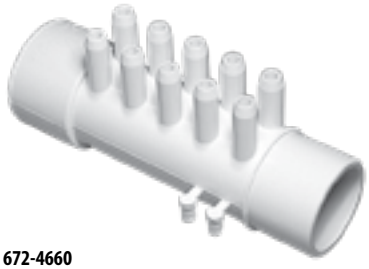
Part No.	Description	Case Quantity	List (US $)
672-5900	Air Manifold Assembly, 1"Spg Ell x (6) 3/8"SB	100	5.78
672-5910	Air Manifold Assembly, 1"Spg Ell x (8) 3/8"SB	100	5.78
672-5920	Air Manifold Assembly, 1"Spg Ell x (10) 3/8"SB	100	5.78
672-5930	Air Manifold Assembly, 1"Spg Ell x (12) 3/8"SB	35	5.78
672-5800	Air Manifold Assembly, 1"Spg Straight x (6) 3/8"SB	100	5.78
672-5810	Air Manifold Assembly, 1"Spg Straight x (8) 3/8"SB	180	5.78
672-5820	Air Manifold Assembly, 1"Spg Straight x (10) 3/8"SB	160	5.78
672-5830	Air Manifold Assembly, 1"Spg Straight x (12) 3/8"SB	160	5.78
672-5060	Air Manifold Assembly, 1"S x 1"S x (6) 3/8"SB	100	5.78
672-5070	Air Manifold Assembly, 1"S x 1"S x (8) 3/8"SB	100	5.78
672-5080	Air Manifold Assembly, 1"S x 1"S x (10) 3/8"SB	100	5.78
672-5960	Air Manifold Assembly, 1"S x 1"S x (12) 3/8"SB	25	5.78


672-0400

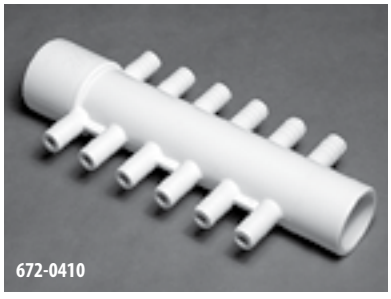

672-3900

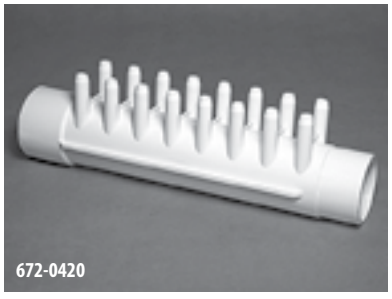

425-4000


672-4340

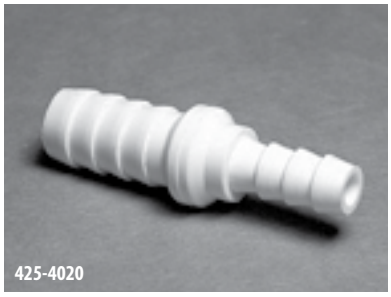

672-4660


672-5080

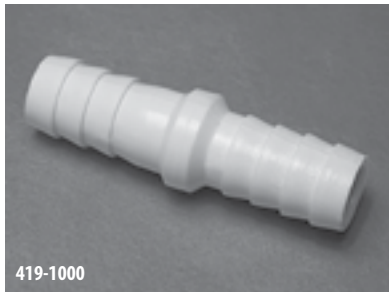

672-0410


672-0420

3/8" Barb Manifolds			
Part No.	Description	Case Quantity	List (US $)
672-0400	1" S x 1" Spigot x (4) 3/8" RB Barbs	50	4.90
672-3900	1" S x 1" Spigot x (6) 3/8" RB Barbs	50	4.90
425-4000	1 ½" Spigot x 1 ½" S x (6) 3/8" RB Barbs	75	11.37
672-4340	1" S x 1" Spigot x (8) 3/8" RB Barbs	50	4.90
672-5070	1" S x 1" S x (8) 3/8" Barbs Assembly	100	5.78
672-4660	1 ½" Spigot x 1 ½" S x (10) 3/8" Barbs with Plugs (4)	25	15.18
672-5080	1" S x 1" S x (10) 3/8" Barbs Assembly	100	5.78
672-0410	1" S x 1" Spigot x (12) 3/8" RB Barbs	100	6.42
672-0420	1 ½" S x 1 ½" Spigot x (16) 3/8" SB Barbs	35	10.78


425-4020


413-4350


419-1000


425-4040


425-0210


425-5010


421-1030


672-4350

715-1261

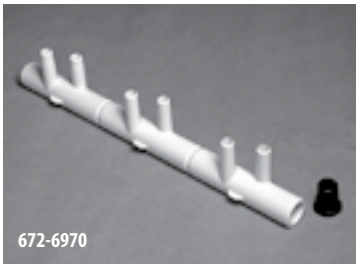

672-1440


672-1450


672-1430

3/8" Barb Adapters

Part No.	Description	Case Quantity	List (US $)
425-4020	Reducer - 3/8" RB x ¼" RB	3000	1.12
413-4350	Tee - 1" S x 1" S x 3/8" RB	100	2.73
419-1000	Coupler - 3/8" RB x 3/8" RB	2500	1.94
425-4040	90° Ell - 1" S x 3/8" RB	150	2.73
425-0210	½" Spigot x 3/8" RB	500	1.82
425-5010	1" Spigot x 3/8" RB	300	2.64
672-4350	3/8" B x ¼" MPT	500	3.42
413-1201	3/8" B x ¼" N.P.S.M.	500	3.25
413-1900	Tee - 3/8" B x 3/8" B x 3/8" B	500	1.72
425-1080	¾" Spigot x 3/8" SB	750	2.07
672-1440	9/16" Triple "C" Tubing Holder	300	4.22
672-1450	9/16" x ¾" Stacked Tubing Clip	100	0.63
672-1430	1 ½" Manifold "C" Holder	250	1.10
413-1940	3/8" SB Wye	500	1.72
715-1261	1/4" SB x 1/4" MPT Barb Adapter	500	3.33
421-1030	½" Socket x 3/8" SB Adapter	100 per bag	1.82


672-6970

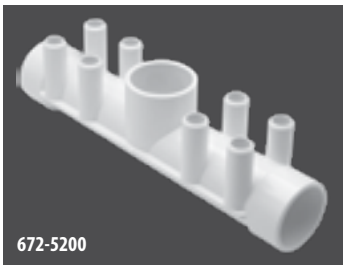

672-4410


672-4490


672-4150


672-4140

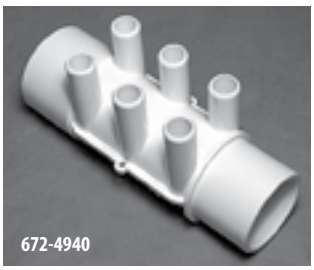

672-4960


672-5200


672-4680

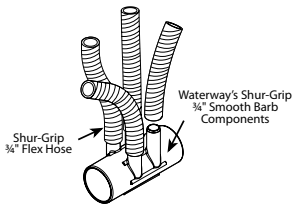

672-4910


672-7920


672-4940


672-7930

SHUR-GRIP™ COMPONENTS



The Shur-Grip Plumbing System was specifically developed for the OEM Spa Manufacturing Industry. Shur-Grip components improve the glue joint characteristics yet maintain the quality of the flex hose at an affordable price. Look for the Shur-Grip symbol on compatible jet bodies and other speciality fittings.

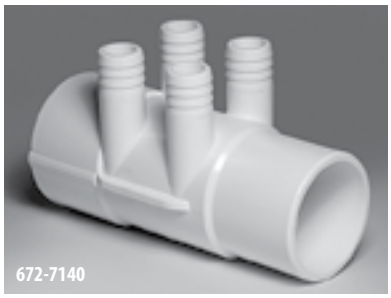
ShurGrip Manifolds

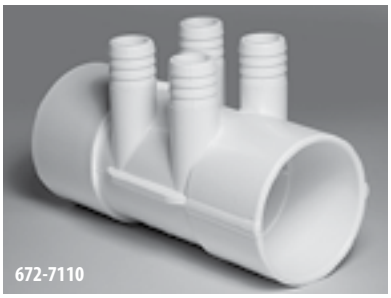
Part No.	Description	Case Quantity	List (US $)
672-6970	(6) ¾" SB x (6) 3/8" SB with Plug	50	9.12
672-4410	1" S x (4) ¾" SB - Cluster Cap	50	8.57
672-4770	1 ½" S x (4) ¾" SB - Cluster Cap	100	8.57
672-4490	1 ½" S x 1 ½" S x (2) ¾" SB	80	7.93
672-4150	1 ½" S x 1 ½" Spigot x (4) ¾" SB	60	5.21
672-4140	1 ½" S x 1 ½" S x (4) ¾" SB	60	5.21
672-4960	1 ½" S x Dead End x (4) ¾" SB	75	5.21
672-5200	1 ½" S x 1 ½" S x 1 ½" S x (8) ¾" SB	20	12.91
672-5240	1 ½" S x 1 ½" Spg x 6 ¾" SB	50	7.72
672-5250	1 ½" S x 6 ¾" SB Dead End	25	7.67
672-5260	1 ½" S x 1 ½" S x 6 ¾" SB	50	7.72
672-4680	1 ½" Spigot x 1 ½" S x (10) ¾" SB	40	14.45
672-4900	2" Spigot x 2" Spigot x (2) ¾" SB	60	5.27
672-4910	2" S x 2" Spigot x (2) ¾" SB	60	5.27
672-7920	2" S x 2" S x (2) ¾" SB	50	5.27
672-7360	2" S x Dead End x (2) ¾" SB	90	5.27
672-4920	2" Spigot x 2" Spigot x (4) ¾" SB	45	5.51
672-4160	2" S x 2" Spigot x (4) ¾" SB	40	5.51
672-4170	2" S x 2" S x (4) ¾" SB	50	5.51
672-7370	2" S x Dead End x (4) ¾" SB	20	5.51
672-4930	2" Spigot x 2" Spigot x (6) ¾" SB	30	7.67
672-4940	2" S x 2" Spigot x (6) ¾" SB	30	7.67
672-7930	2" S x 2" S x (6) ¾" SB	30	7.67
672-7380	2" S x Dead End x (6) ¾" SB	35	7.67
425-1090	1.5" S x 2 ¾" SB End Cap	100	4.24


672-7130


672-7100

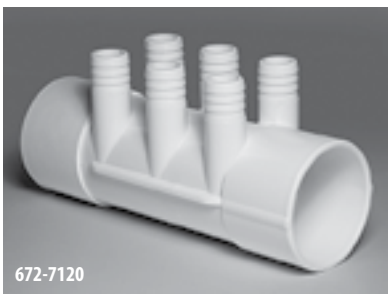

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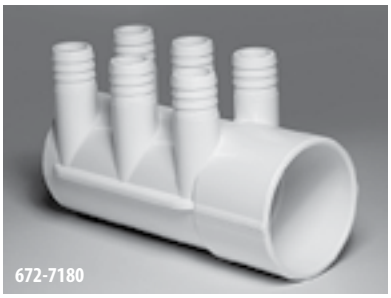

672-7140

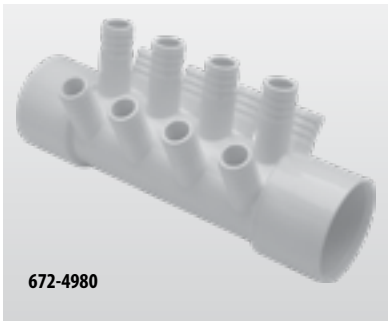

672-7110


672-7170


672-7150


672-7120


672-7180


672-4980

¾" Ribbed Barb Manifolds

Part No.	Description	Case Quantity	List (US $)
672-7130	2" S x 2" Spigot x (2) ¾" RB	50	6.99
672-7100	2" S x 2" S x (2) ¾" RB	50	6.99
672-7160	2" S x Dead End x (2) ¾" RB	90	6.99
672-7140	2" S x 2" Spigot x (4) ¾" RB	40	8.40
672-7110	2" S x 2" S x (4) ¾" RB	40	8.40
672-7170	2" S x Dead End x (4) ¾" RB	50	8.40
672-7150	2" S x 2" Spigot x (6) ¾" RB	30	11.24
672-7120	2" S x 2" S x (6) ¾" RB	30	11.24
672-7180	2" S x Dead End x (6) ¾" RB	35	11.24
672-4980	2" S x 2" S x (12) ¾" RB	18	14.47


413-1960

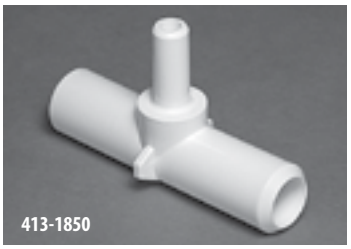

411-3490


425-1000


413-4360


413-1920

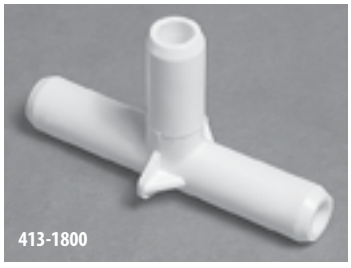

672-4310


413-1850


411-3700


411-3500

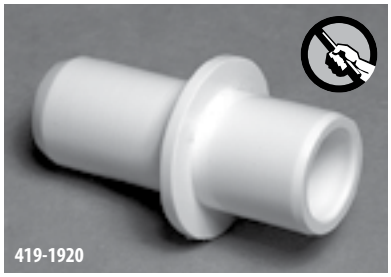

411-4060

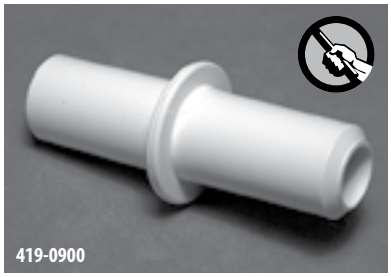

413-1800


413-1860

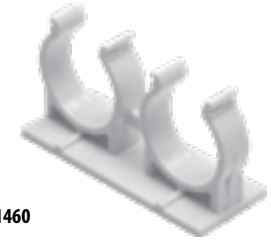
¾" Barb Adapters

Part No.	Description	Case Quantity	List (US $)
411-3700	90° Ell - ¾" RB x ¾" RB	150	2.33
413-1860	120° Wye - ¾" RB	150	6.34
413-1960	120° Wye - ¾" SB	250	4.82
413-1800	Tee - ¾" SB x ¾" SB x ¾" SB	200	3.33
413-1850	Tee - ¾" SB x ¾" SB x 3/8" SB	250	3.33
425-1000	½" Spigot x ¾" RB	300	1.51
425-1030	½" S x ¾" Spigot x ¾" RB	350	4.33
411-3500	90° Ell - ½" Spigot x ¾" RB	150	1.51
411-0360	90° Ell - ¾" Spigot x ½" S x ¾" SB	500	2.11
411-0350	90° Ell - ¾" Spigot x ½" S x ¾" RB	500	2.11
411-4060	90° Ell - ¾" Short Spigot x ¾" RB	300	2.07
411-4160	90° Ell - ¾" Spigot x ¾" SB Adapter	350	2.07
411-3490	Ell - 1" Spigot x ¾" RB	230	2.68
411-3480	Ell - 1" Spigot x ¾" SB	180	2.68
413-1920	Tee - 1" Spigot x (2) ¾" SB	180	3.57
672-4310	1" Spigot / ¾" S x ¾" RB	250	2.73
672-4320	1 ¼" Spigot / 1" S x ¾" RB	200	2.73
413-4360	1 ½" Spigot x ¾" SB	200	4.24
413-4370	1 ½" Spigot x ¾" RB	100	4.24
413-4510	2" Spigot x ¾" SB	125	5.05








672-1460


715-0340

¾" Barb Adapters

Part No.	Description	Case Quantity	List (US $)
419-1920	¾" SB x ½" Spigot	400	5.05
419-0900	Coupling - ¾" SB x ¾" SB	250	5.05
425-1030	½" S / ¾" Spigot x ¾" RB	350	4.33
672-1460	¾" "C" Clip with Zip Tie Loops	1000	0.89
715-0340	¾" SmartPlumb Deep Inverted Plug	500	1.23



1" Barb Adapters

Part No.	Description	Case Quantity	List (US $)
425-1010	1" Spigot / ¾" S x 1" RB	125	2.73



1 ½" Barb Adapters

Part No.	Description	Case Quantity	List (US $)
417-6140	1 ½" MPT x 1 ½" Hose	240	3.04


400-4420


400-4360


400-5540


400-5580


400-6040

Thermowells

Part No.	Description	Case Quantity	List (US $)
400-4420	Mini Thermowell Assembly	100	13.26
400-4360	Thermosensor with Probe Protector	150	12.64
400-5540	90° Ell - 1 ½" S x 1 ½" S - with 2 Thermowells and Bushings	80	12.95
411-5520	Ell – 1 ½" S x 1 ½" S - with 2 Thermowells	80	9.41
400-5580	Ell – 1 ½" S x 1 ½" S - with Thermowell and Bushing	100	12.95
411-5540	90° Ell – 1 ½" S x 1 ½" S - with Thermowell	25	9.41
400-6040	90° Ell – 2" S x 2" Spigot x 3/8" Air Bleed - with Thermowell and 2 Bushing	60	14.45
411-6040	90° Ell – 2" S x 2" Spigot x Air Bleed - with Thermowell	60	13.17
805-0014	O-Ring for 90° Ell – 2" S x 2" Spigot x Air Bleed	100	0.56
811-8160	Bushing for Ells – 1 ½" S x 1 ½" S	100	0.87


421-1000

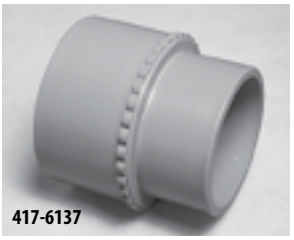

421-1050


421-4010


421-4070


421-4020


417-6127


417-6137

Reducers

Part No.	Description	Case Quantity	List (US $)
421-1000	Reducer - 2" Spigot x 1 ½" Spigot	50	4.53
421-1050	Reducer - 1" Spigot x ½" S	225	1.72
421-4010	Reducer - 1 ¼" MPT x ½" FPT	150	8.12
421-4030	Reducer - 1 ½" Spigot x 1" Spigot	100	3.91
421-4070	Reducer - 1 ½" Socket x 2" Spigot	100	2.50
421-4020	Bell Reducer - 1 ½" x 1" S	75	3.91
421-5000	Bell Reducer - 2" S x 1 ½" S	75	4.86
417-6127	Metric Reducer - 1" Spigot x 32mm S	75	1.83
417-6137	Metric Reducer - 1 ½" Spigot x 50mm S	50	3.92

Threaded Nipple

Part No.	Description	Case Quantity	List (US $)
423-4000	1 ½" Spigot x 1 ½" MPT	25	6.31

2" Barb Adapter

Part No.	Description	Case Quantity	List (US $)
417-6197	2" Spigot x 63mm S	50	6.56


715-0000


715-9870


715-9770

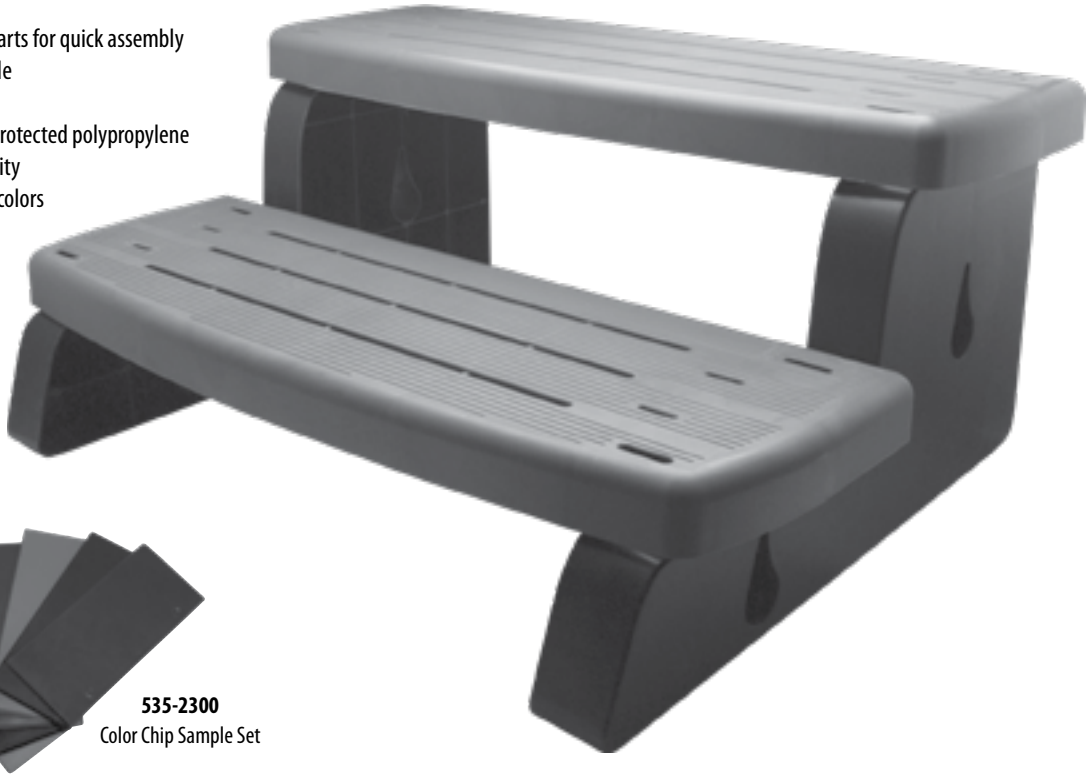

715-9850

Plugs

Part No.	Description	Case Quantity	List (US $)
715-0000	½" Spigot	800	1.17
715-9890	¾" Spigot	600	1.20
715-2000	1" Spigot	200	1.26
715-4000	1 ½" Spigot	100	1.94
715-9880	2" Spigot	100	2.56
715-9870	3/8" Barb	100	0.98
715-0040	¾" SmartPlumb Barb *(New Style)*	1300	0.91
715-9860	¾" Barb *(Old Style)*	1000	0.91
715-9770	Cap Style - 3/8" RB	1500	0.98
715-9850	3/8" Hose	3000	0.62

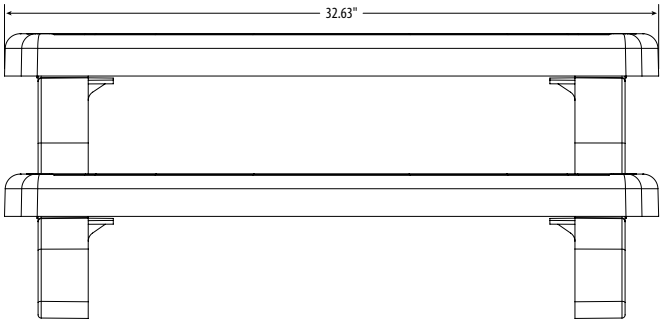
FEATURES:

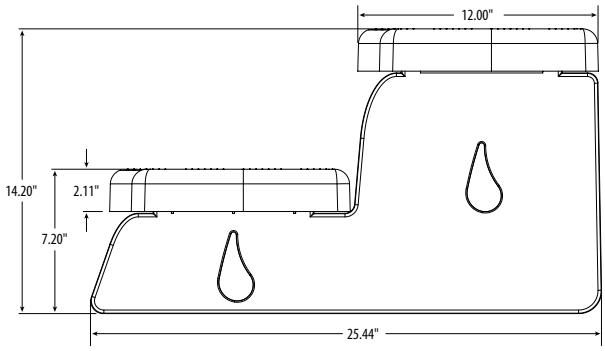
- Easy, snap together parts for quick assembly
- Packaged for retail sale
- 33" non-slip treads
- Made of durable UV protected polypropylene
- 800 lbs. weight capacity
- Available in multiple colors





535-2300
Color Chip Sample Set





Spa Steps

Part No.	Description	Color	Pallet Qty	List (US $)
535-2209-BRK	33" Spa Step Assembly	Bark	32	157.35
535-2209-CIN	33" Spa Step Assembly	Cinnamon	32	157.35
535-2209-GPH	33" Spa Step Assembly	Graphite	32	157.35
535-2209-RDW	33" Spa Step Assembly	Redwood	32	157.35
535-2209-CSG	33" Spa Step Assembly	Coastal Gray	32	157.35
535-2209-MOC	33" Spa Step Assembly	Mocha Coffee	32	157.35
535-2300	Color Chip Sample Set			4.14

FEATURES:

- Low profile design
- Hose bib pulls out for easy access
- Protective cover seals against all possible leak points
- Optional metric adapter
- Plumbs to ¾" flex hose



600-9101 / 600-9167

Lo-Profile Spa Drain Fill Valve

Part No.	Description	Case Quantity	List (US $)
600-9101	Lo-Profile Drain Fill Valve Assembly	50	17.90
600-9167	Metric Hose Adapter with Gasket	200	2.68



640-2000



400-3031

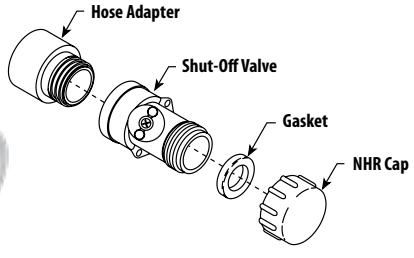


Spa Drain and Fill Niche for Garden Hose Connection

Part No.	Description	Case Quantity	List (US $)
640-2000	1" S - Spa Drain/Fill Valve Assembly - White	100	18.76
640-2001	1" S - Spa Drain/Fill Valve Assembly - Black	100	18.76
600-9101	¾" Lo-Profile Drain Fill Valve Assembly	50	18.44
600-9167	Lo-Profile Drain Fill Valve Metric Adapter with Gasket	200	2.76
400-3031	½" Hose On/Off Spa Drain Valve with Niche	75	22.36
400-3021	¾" Hose On/Off Spa Drain Valve with Niche	75	22.36



400-2060





400-2100

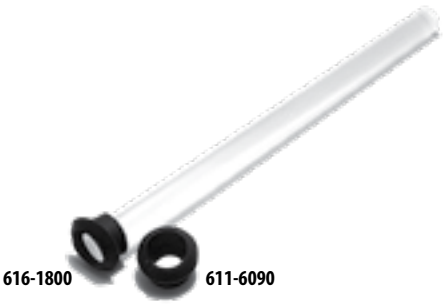
On/Off Valves for Garden Hose

Part No.	Description	Case Quantity	List (US $)
400-2060	½" Hose On/Off Valve Assembly	125	13.30
400-2070	¾" Hose On/Off Valve Assembly	125	13.30
400-2100	¾" SB Hose On/Off Valve Assembly	100	13.30
519-0231	Drain Cap - ½" NHR	100	1.67
806-0100	Gasket - ¾"	50	1.23
872-0004	Shut-Off Valve	250	8.50
413-4400	Adapter - ½" S x Male Garden Hose	250	2.52
413-4410	Adapter - ¾" S x Male Garden Hose	200	2.52



ABS Plastic Hand Rails

Part No.	Description	Case Quantity	List (US $)
616-4001	18" Hand Rail - Plastic - 1 ¼"	120	8.68
616-3001	12" Hand Rail - Plastic - 1 ¼"	170	5.47
611-5001	1 ¼" Rubber Grommet	300	2.04



Clear Acrylic Hand Rails

Part No.	Description	List (US $)
616-1100	11" Clear Acrylic Hand Rail	15.44
616-1300	13" Clear Acrylic Hand Rail	16.85
616-1400	14" Clear Acrylic Hand Rail	18.26
616-1600	16" Clear Acrylic Hand Rail	19.68
616-1800	18" Clear Acrylic Hand Rail	21.08
616-2000	20" Clear Acrylic Hand Rail	22.50
611-6090	Rubber Grommet *(no angle)*	2.78
611-7000	Rubber Grommet	3.04

FEATURES:

- Easily sandwiches between most T&G skirt panels
- Louvered vent protects against weather and rodent intrusion
- Handle allows for easy removal of skirt panels
- LED compatible
- Available in multiple colors
- Measures 3.5" X 6.25"

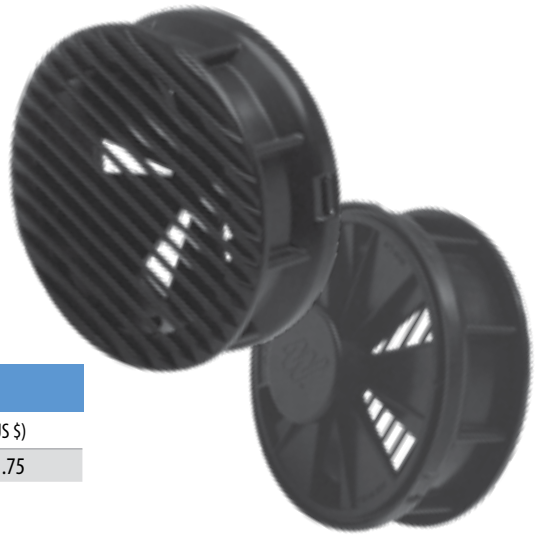


Spa Handle Vent

Part No.	Description	List (US $)
672-6560	Louvered Spa Vent	7.03

FEATURES:

- Automatically adjusts to temperature change:
  Closed for cold or freezing conditions;
  Open for hot conditions
- Easy through-wall installation
- Louvered grill to protect against weather and rodent intrusion
- Hole Saw Size: 4"



675-6531

Adjustable Thermo Vent

Part No.	Description	Case Quantity	List (US $)
675-6530	Adjustable Thermo Vent	30	21.75

FEATURES:

- 4 ¾" overall diameter
- 4" diameter hole saw and vent area
- 0.100" diameter holes (148) for improved ventilation
- Available in assorted colors



4" Vent

Part No.	Description	Case Quantity	List (US $)
672-0600	4" Vent	300	8.86



Spa Cabinet Vents

Part No.	Description	Color	Case Quantity	List (US $)
675-6501	Spa Vent Assembly – 2 5/16" x 8 ½"	Black	150	5.61
675-6507	Spa Vent Assembly – 2 5/16" x 8 ½"	Gray	150	5.61
675-6509-BRN	Spa Vent Assembly – 2 5/16" x 8 ½"	Brown	150	5.61



Aroma Therapy Canister and Beads

Part No.	Description	Case Quantity	List (US $)
670-2800	Aroma Therapy Canister Assembly - Ell Body	60	30.88
662-2700	Scented Aroma Therapy Beads - Ocean Pellets - .84 oz.	50	8.40
662-2710	Scented Aroma Therapy Beads - Kiwi - .76 oz.	50	8.40
662-2720	Scented Aroma Therapy Beads - Red Apple - .82 oz.	50	8.40
662-2730	Scented Aroma Therapy Beads - Floral - .86 oz.	50	8.40

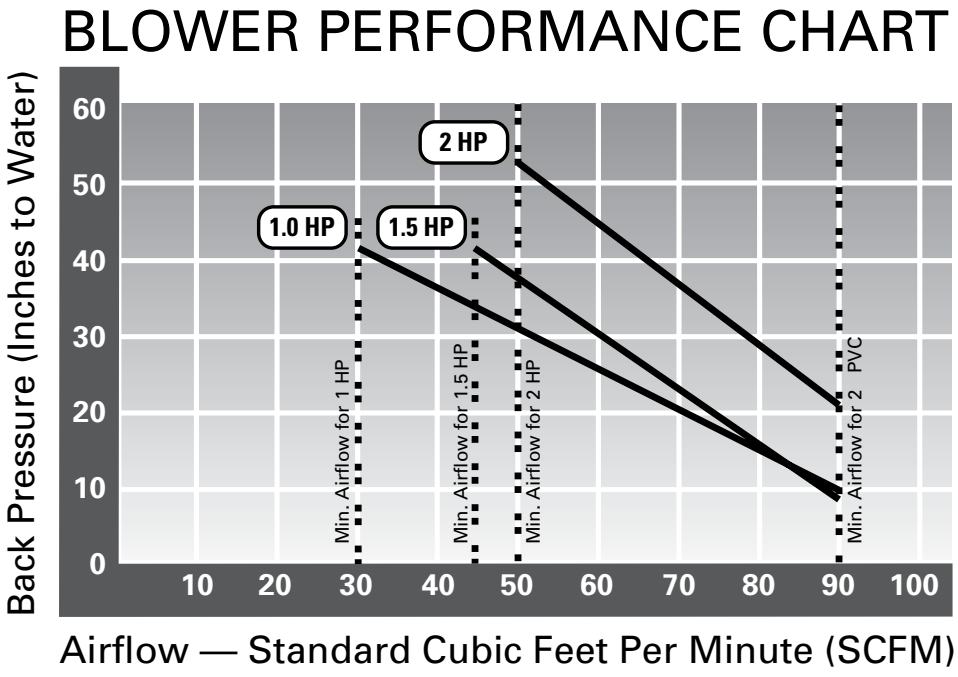
Friction loss of water in feet of head per 100 foot length of pipe.

1. Calculate water depth in inches:

A.	Actual water depth in injector	=	_____
B.	Add ½" of water per 90° elbow	=	_____
C.	Add 1/8" of water per 45° elbow	=	_____
D.	Add 1" of water per 10 feet of 2" pipe	=	_____
E.	Add 4" of water per ½" spring check valve	=	_____
	TOTAL INCHES OF WATER	=	_____

2. Find the airflow or SCFM provided by your blower:

A. On the **Blower Performance Chart**, find the number that corresponds to the **total inches of water** needed.
B. Read across the chart until you **intersect the horsepower (HP)**, then go down for SCFM.
C. Take total SCFM and divide by 10 to get corresponding hole sizes.



3. Calculate the number of holes by using the Air Hole Sizing Chart:

Air Hole Sizing Chart

Air Hole Size	Number of Holes Needed per 10 SCFM
1/8"	24
5/32"	15
3/16"	11
¼"	6
5/16"	4
Jet	1

Hole Saw Sizes

STORM JETS

Jets - Adjustable Cluster Storm	1 ½"
Jets - Mini Storm	
Flat Gasket	2 3/16"
Grommet Gasket	2 ¼"
Jets - Poly Storm	
Flat Gasket	2 5/8"
Grommet Gasket	2 11/16"
Jets - Power Storm	
Flat Gasket	3 ¾"
Grommet Gasket	3 7/8"
Jets - Mega Storm with Flat Gasket	4 ¾"

JETS

Jets - Euro	1 1/16"
Jets - Fog	9/16"
Jets - Jumbo	5 ¾"
Jets - Jumbo Storm	5 ¾"
Jets - Master Massage	5 ¾"
Jets - Old Faithful	4 ¾"
Jets - Ozone/Cluster	1"
Jets - Poly	2 5/8"
Jets - Turbo	3 ¼"

SUCTIONS

Suction - Lo-Pro and Hi-Flo/Ultra High Flo	
Flat Gasket	2 3/8"
Grommet Gasket	2 ½"
Suction - Super Hi-Flo/Designer Pro/Ultra High Flo	
Flat Gasket	3 ¼"
Grommet Gasket	3 7/16"

AIR COMPONENTS

Air Bleed	1 5/16"
Air Button	1 ½"
Air Control - Lo-Pro	1 5/8"
Air Injector - Button	3/8"
Air Injector - Lo-Pro	¾"
Air Injector - Multi-Body	5/8"
Air Injector - Ozone	5/8"
Air Injector - Top Flow	1 3/16"

VALVES

Valves - Diverter – 1" Mini	2 1/16"
Valves - Diverter – 2" Top Access	3 ¼"
Valves - Spa Drain and Fill	1 5/8"
Valves - Turn On / Off	1 ¼"

LIGHTS

Light - ½"	3/8"
Light - 1"	5/8"
Light - 2 1/8"	1 5/8"
Light – 3"	2 5/8"
Light – 5" Jumbo	3 ¾"
Light – 7" XL Jumbo	5 ¾"
Cup Holder with hole saw size	2 5/8"

SKIMMERS / FILTERS

5 ½" Top Load Filter	4 1/8"
Skim Filter - Dyna-Flo	6 7/8"
Grommet Gasket	7"
Skimmers - Strip	
Flat Gasket	2 3/8"
Grommet Gasket	2 ½"
Filters - Top Load	6 7/8"
Grommet Gasket	7"
Teleweir Skim Filters	6 7/8"

SPECIALTY ITEMS

Aroma Therapy Canister	1 5/8"
Auto Vent	4"
Fittings - Thru Wall	1 5/16"
Return Fitting	2 5/16"
Thermosensor	1"
Thermowell - Mini	1 3/16"
Waterway Cascade	(2) x 7/8"

To determine the GPM and PSI needed for jets desired:

1. Write in the number of jets needed and jet type.
2. Write in jet orifice size.
3. Use the Jet Flow Chart & Performance Curve to determine GPM and PSI.

Jet Worksheet

	Number of Jets	Jet Type	Jet Orifice Size	GPM	PSI
Example	10	Poly Storm Jets	5/16"	100 GPM (refer to Jet Flow Chart)	14 PSI

Total Number of Jets	Total Jet Orifices	Total GPM	PSI *(not cumulative)*

Total GPM is water volume needed to make jets work at desired PSI.
This is your TARGET FLOW and TARGET PRESSURE.
Take this number to Hydraulic Worksheet (next page) and use in Line 2.
This is the total GPM needed at a desired PRESSURE.

1. Determine required turnover rate for spa in gallons per minute (GPM).

_____ (Total Gallons) / _____ (Desired Turnover Rate (30 min. spa)) = _____ (GPM)

2. Determine GPM and PSI needed for maximum jet performance (use Jet Performance Flow Curves from page 114).

_____ (Target Flow (GPM)) _____ (Target Pressure (PSI))

3. A. Figure resistance head of system:

From Friction Flow Chart on page 254 and Friction Loss in Fittings on page 255, convert fittings and pipe lengths into feet of head.

EXAMPLE:

A. (4) 2" 90° elbows = 4 x 8.6 = 34.4 feet of 2" pipe

B. 50 feet of 2" pipe = 50 feet

A + B: 34.4 feet + 50 feet = 84.4 feet

Looking at the Friction Flow Chart, 2" pipe at 10 feet per second gives us 100 GPM at 14.4 feet of head. This is figured in 100 foot length of pipe. We multiply .844 times 14.4 = 12.15 feet of head. Or to convert to PSI x .433 = 5.26 PSI loss.

A _____ (Quantity) x _____ (Fitting Type (Friction Loss)) = _____ (Straight Length of Pipe)

B _____ (Quantity) x _____ (Pipe) = _____ (Straight Length of Pipe)

_____ (A) + _____ (B) = _____ (Total Pipe Length)

_____ (Pipe Length) x _____ (Head of Loss for 100 ft. Length) = _____ (Feet of Head)

B. Figure Actual Head Loss of Components: (Refer to Head Loss Chart on Page 259)

EXAMPLE:

1) One 1 ½" main drain at 50 GPM has 2 feet of head.

2) One 1 ½" skimmer 50 GPM has 4 feet of head.

Total head loss of components is 6 feet of head.

Quantity	GPM	Head Loss
_____	_____	_____
_____	_____	_____

Total Head Loss of Components: _____

C. Add Head Loss from B and C for Total Resistance Head:

EXAMPLE:

12.15 feet of head (from system resistance) + 6 feet of head (from component head loss) = 18.15 feet of head

_____ (Resistance of Head Fittings, etc.) + _____ (Component Head Loss) = _____ (TDH)

D. Total of B and C is TDH (total dynamic head) of system. Convert total head into PSI by multiplying by .433:

EXAMPLE:

18.15 feet of head x .433 = 7.86 PSI

(This is the amount of pressure lost in the system)

_____ (TDH) x .433 = _____ (PSI)

E. Add Target PSI from Jet Worksheet (or Line #2) to Total Pressure Loss (PSI) Line D to find Total Pressure Required and Total Dynamic Head of System:

EXAMPLE:

14 PSI (Required for jets) + 7.86 PSI (Required for system) = 21.86 PSI

_____ (Jets PSI Required) + _____ (System PSI Required) = _____ (Total PSI Required)

F. Match appropriate pump by looking at pump curves.

EXAMPLE:

At 22 PSI (or 50 feet of head) at 100 GPM, you can use The Executive 1 HP Pump or a 2 HP Hi-Flo Side Discharge Pump

.

Friction loss of water in feet of head per 100 foot length of pipe.

U.S. Gal. per Min.	3/4 PIPE			1 PIPE			1¼ PIPE			1½ PIPE			2 PIPE			2½ PIPE			3 PIPE		
	Vel. Ft. per Sec.	Loss in Feet	Loss in PSI	Vel. Ft. per Sec.	Loss in Feet	Loss in PSI	Vel. Ft. per Sec.	Loss in Feet	Loss in PSI	Vel. Ft. per Sec.	Loss in Feet	Loss in PSI	Vel. Ft. per Sec.	Loss in Feet	Loss in PSI	Vel. Ft. per Sec.	Loss in Feet	Loss in PSI	Vel. Ft. per Sec.	Loss in Feet	Loss in PSI
1	.60	.25	.11	.37	.07	.03	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
2	1.20	.90	.39	.74	.28	.12	.43	.07	.03	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
3	1.80	1.92	.83	1.11	.60	.26	.64	.16	.07	.47	.07	.03	.....	.....	.....	.....	.....	.....	.....	.....	.....
4	2.41	3.28	1.42	1.48	1.02	.44	.86	.25	.11	.63	.12	.05	.....	.....	.....	.....	.....	.....	.....	.....	.....
5	3.01	5.8	2.51	1.86	1.52	.65	1.07	.39	.17	.79	.18	.08	.....	.....	.....	.....	.....	.....	.....	.....	.....
6	3.61	7.0	3.0	2.33	2.15	.93	1.29	.55	.24	.95	.25	.11	.57	.07	.03	.....	.....	.....	.....	.....	.....
8	4.81	11.8	5.1	2.97	3.6	1.56	1.72	.97	.42	1.25	.46	.2	.76	.14	.06	.54	.05	.02	.....	.....	.....
10	6.02	17.9	7.75	3.71	5.5	2.4	2.15	1.46	.63	1.58	.69	.3	.96	.21	.09	.67	.09	.04	.....	.....	.....
15	9.02	37.8	16.37	5.57	11.7	5.07	3.22	3.07	1.33	2.36	1.45	.63	1.43	.44	.19	1.01	.18	.08	.65	.07	.03
20	.....	.....	.....	7.42	19.9	8.62	4.29	4.2	1.82	3.15	2.47	1.07	1.91	.74	.32	1.34	.30	.13	.87	.12	.05
25	.....	.....	.....	9.28	30.0	13.0	5.36	7.9	3.42	3.94	3.8	1.6	2.39	1.11	.05	1.67	.46	.2	1.08	.16	.07
30	.....	.....	.....	11.14	42.0	18.19	6.43	11.1	4.8	4.73	5.2	2.3	2.87	1.55	.67	2.01	.65	.28	1.30	.23	.1
35	.....	.....	.....	.....	.....	.....	7.51	14.7	6.37	5.52	7.0	3.03	3.35	2.06	.89	2.35	.88	.38	1.52	.30	.13
40	.....	.....	.....	.....	.....	.....	8.58	18.9	8.2	6.30	8.9	3.9	3.82	2.63	1.14	2.64	1.11	.48	1.73	.39	.17
45	.....	.....	.....	.....	.....	.....	9.65	23.5	10.18	7.09	11.1	4.8	4.30	3.28	1.4	3.01	1.39	.6	1.95	.48	.21
50	.....	.....	.....	.....	.....	.....	10.72	28.5	12.3	7.88	13.5	5.8	4.78	4.0	1.7	3.35	1.69	.73	2.17	.58	.25
60	.....	.....	.....	.....	.....	.....	.....	.....	.....	9.46	18.9	8.18	5.74	5.6	2.4	4.02	2.36	1.02	2.60	.81	.35
70	.....	.....	.....	.....	.....	.....	.....	.....	.....	11.03	25.1	10.9	6.69	7.4	3.2	4.69	3.14	1.36	3.04	1.09	.47
80	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	7.65	9.5	4.1	5.35	4.0	1.73	3.47	1.39	.6
90	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	8.60	11.8	5.1	6.03	5.0	2.2	3.91	1.73	.75
100	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	9.56	14.4	6.3	6.70	6.1	2.64	4.34	2.10	1.9
120	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	11.95	21.8	9.4	8.38	9.2	4.0	5.42	3.19	1.38
150	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	10.05	12.8	5.5	6.51	4.5	1.95
175	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	7.59	5.9	2.55
200	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	8.68	7.9	3.4
225	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	9.76	9.4	4.07
250	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	10.85	11.5	4.99
275	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
300	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
325	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

AWG Wire Size												
Amps	14		12		10		8		6		4	
	115 Volts	230 Volts	115 Volts	230 Volts	115 Volts	230 Volts	115 Volts	230 Volts	115 Volts	230 Volts	115 Volts	230 Volts
2	595	1190	946	1891	1479							
3	397	794	630	1261	986							
4	298	595	470	946	740	1479	1161		1808			
5	238	476	378	756	592	1184	926	1858	1447			
6	198	397	315	630	493	986	774	1548	1206	2411	1842	
7	170	340	270	540	423	845	663	1327	1033	2067	1579	
8	149	293	236	473	370	740	581	1161	904	1808	1381	2763
9	132	265	210	420	329	658	516	1032	804	1607	1228	2456
10	119	238	189	376	296	592	464	929	723	1447	1105	2210
12	99	198	158	315	247	493	387	774	603	1206	921	1842
14			135	270	211	423	332	663	517	1033	789	1579
16			118	236	185	370	290	581	452	904	691	1381
18					164	329	258	516	402	804	614	1228
20					148	296	232	464	362	723	553	1105
22					134	269	211	422		658		1005
24					123	247	194	387		603		921
26								357		556		850
28								332		517		789
30								310		482		737
35								265		413		632
40										362		553
45										321		491
50										239		442

Friction Loss in Fittings

SIZE FITTING	½"	¾"	1"	1 ¼"	1 ½"	2"	2 ½"	3"	4"
Gate Valve (Full Open)	0.6	0.7	0.9	1.2	1.3	1.6	1.7	2.0	2.7
Elbow - 90°	3.6	4.5	5.3	6.7	7.5	8.6	9.3	11.1	13.1
Elbow - 45°	0.7	0.9	1.4	1.8	2.2	2.8	3.2	4.1	5.6
Tee (Straight Thru)	1.8	2.5	3.3	4.7	5.7	7.8	9.3	12.1	17.1
Tee (Thru Side)	4.3	5.4	6.7	8.8	10.0	12.1	13.0	17.1	21.2
Swing Check Valve	8.1	8.9	11.2	13.1	15.2	19.1	22.0	27.1	38.2

Head Loss Charts

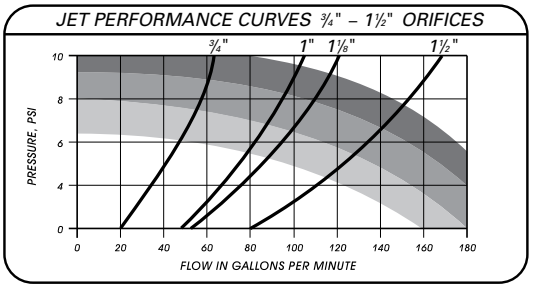
Component	GPM	Head Loss (ft.)
Main Drain 1 ½" Outlet	20	0.5
Main Drain 1 ½" Outlet	30	1.0
Main Drain 1 ½" Outlet	40	1.5
Main Drain 1 ½" Outlet	50	2.0
Main Drain 1 ½" Outlet	60	2.5
Main Drain 2" Outlet	40	1.0
Main Drain 2" Outlet	50	1.5
Main Drain 2" Outlet	60	2.0
Main Drain 2" Outlet	70	3.0
Main Drain 2" Outlet	80	4.0
Heater	--	7.0 avg.

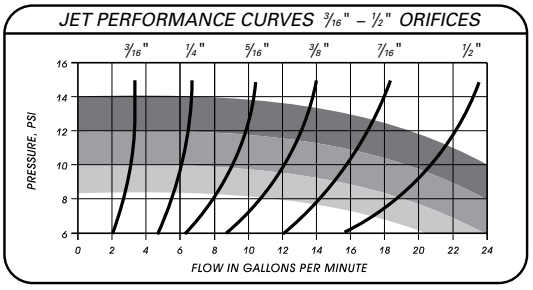
Component	GPM	Head Loss (ft.)
Skimmer 1 ½" Outlet	20	1.0
Skimmer 1 ½" Outlet	30	2.0
Skimmer 1 ½" Outlet	40	3.0
Skimmer 1 ½" Outlet	50	4.0
Skimmer 1 ½" Outlet	60	5.5
Skimmer 2" Outlet	20	0.5
Skimmer 2" Outlet	30	1.0
Skimmer 2" Outlet	40	2.0
Skimmer 2" Outlet	50	3.0
Skimmer 2" Outlet	60	4.0
Skimmer 2" Outlet	70	5.0
Skimmer 2" Outlet	80	6.0

Cartridge Filters	GPM (.75)	Head Loss (ft.)
25 sq. ft.	18.75	1.1
35 sq. ft.	26.25	2.0
50 sq. ft.	37.50	4.3
70 sq. ft.	52.50	7.5
75 sq. ft.	56.25	8.0
100 sq. ft.	75.00	17.5

Jet Flow Data

Jet orifices sized from ¾" to 1 ½" work better at a lower PSI. Use legend to size properly.





LEGEND:

- WEAK
- MODERATE
- STRONG

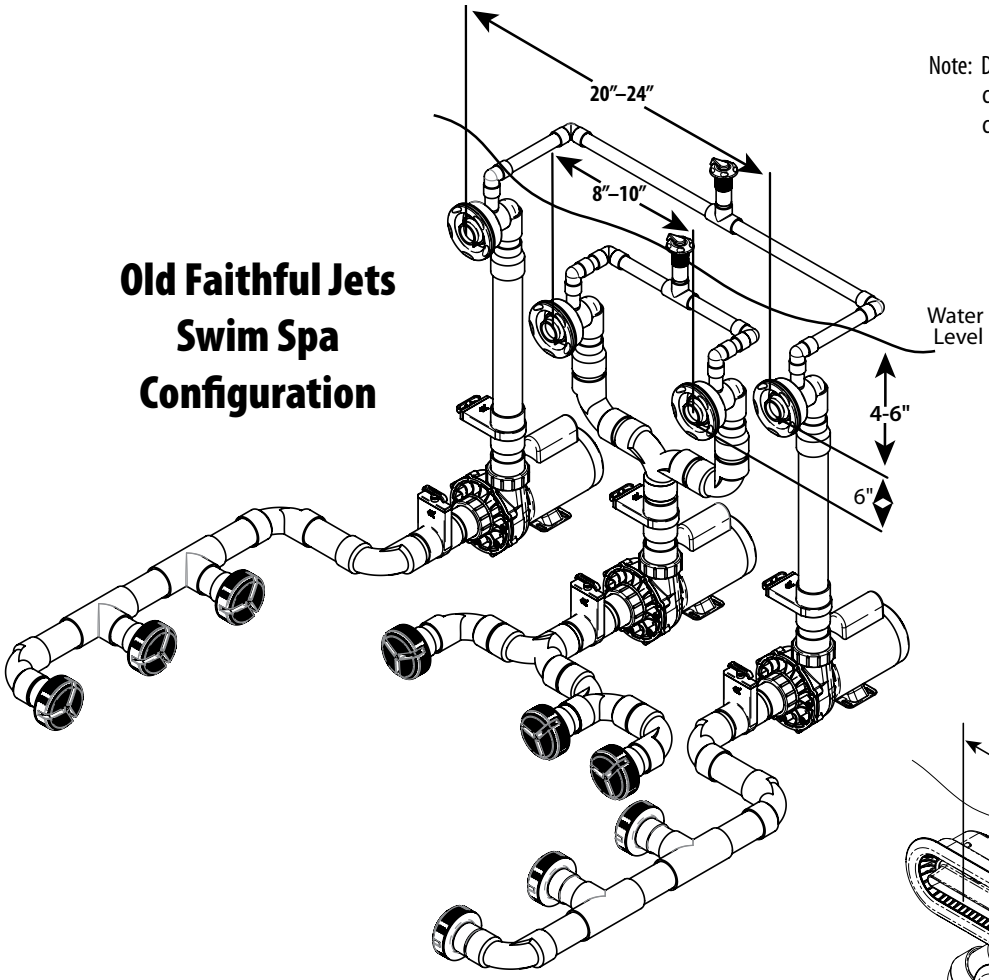
JET FLOW CHART

JETS				
NOZZLE ORIFICE SIZE	10 PSI	15 PSI	20 PSI	
3/16	3	4	5	GPM
¼	6	7	8	GPM
5/16	9	10	12	GPM
⅜	13	16	18	GPM
7/16	17	19	22	GPM
½	24	29	33	GPM
¾	63	65	75	GPM
1	95	116	134	GPM
1⅛	120	147	170	GPM
1½	213	260	301	GPM

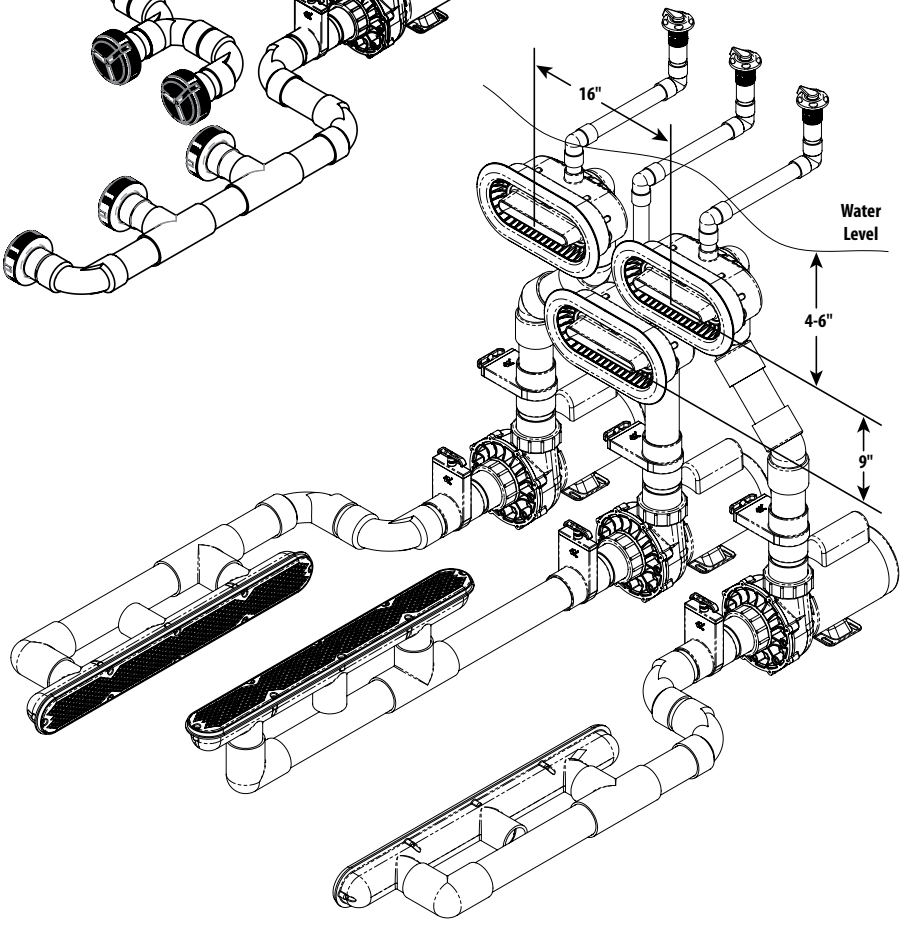
SWIM SPA CONFIGURATIONS

Note: Dimensions represent sample configuration only. Various custom configurations are possible.

Old Faithful Jets Swim Spa Configuration



River Jets Swim Spa Configuration



Displays

Part No.	Description
150-0020	Executive 56 Frame Pump Cutaway
150-0010	Vinyl Liner Builder's Pack
150-0031R	Supreme Pump - 90° Right, 3 Ft. Twist Lock Cord
150-0045	150 Sq. Ft. Pro Clean Plus Cartridge Cutaway
150-0050	SVL Cutaway
150-0100	ProClean Plus 100 Display
150-0110	Sweep Ell Display
150-0130	TruSeal & Swing Valve Display
150-0151	Champion Pump Display
150-0157	ClearWater II D.E. 12 Sq. Ft. 44 GPM Filter Cutaway - Gray
150-0160	Champion Pump With Valve - Assembly Cutaway
150-0165	Power Defender 165 (1.65HP) Pump Display
150-ECONOVS	Power Defender 270 (2.7HP) Pump Display
150-0180	River Swim Jet
150-0200	200 Sq. Ft. Pro Clean Cartridge Filter Cutaway
150-0237	Carefree Sand Filter 22" Cutaway
150-2047	ClearWater Sand Filter 19" Cutaway - Gray
150-0277	Carefree Sand Filter 26" Cutaway
150-0280R	Hi-Flo II 90° Right – 3 Ft. NEMA Display
150-0290	SMF Pump Display
150-0320	Poly Storm Gunite Jet Display with Tee Body Thread-in
150-0330	Power Storm Gunite Jet Display with Tee Body Thread-in
150-0340	Mini Storm Gunite Jet Display with Tee Body Thread-in
150-0360	Gunite Storm Jet Internal Display - Power, Poly & Mini Thread-in
150-0420	Carefree Oval Sand Filter 19" Cutaway w/Dummy Motor
150-0437	Carefree Oval Sand Filter 22" Cutaway, 1.5 HP, 3 Ft. Twist Lock Cord
150-0460	Carefree Oval Sand Filter 22" Cutaway, Sub Assembly
150-0730	Flex PVC Sample Kit
150-1000	Santanna II Blower Display
150-1010	Santanna II Blower - Working Display
150-1507	ClearWater 150 Sq. Ft. Cartridge Filter Cutaway - Gray
150-1527	ClearWater 150 Sq. Ft. Cartridge Filter, Supreme Motor, 3 Ft. NEMA Cord
150-1537	Clearwater 150 Sq. Ft. Cartridge Filter, Supreme Motor, 3 Ft. Twist Lock Cord
150-1547	Clearwater 150 Sq. Ft. Cartridge Filter, Hi-Flo Motor, 3 Ft. NEMA Cord
150-1600	VGB Drains Display Board - 6" / 8" / 10" / 9"x9" / 12" x 12" / 18" x 18"
150-1610	VGB Drains Display Board - 32" Strip / 24" x 24"
150-1770	Spa Suction Display I
150-1780	Spa Suction Display II
150-2017	36 Sq. Ft. D.E. Crystal Water Cutaway Filter - Gray
150-2027	60 Sq. Ft. D.E. Crystal Water Cutaway Filter - Gray
150-2037	325 Sq. Ft. Cartridge Crystal Water Cutaway - Gray
150-2047	525 Sq. Ft. Cartridge Crystal Water Cutaway - Gray
150-2057	425 Sq. Ft. Cartridge Crystal Water Cutaway - Gray
150-2067	48 Sq. Ft. D.E. Crystal Water Cutaway Filter
150-3410G	Gunite Jet, 3 Jet Manifold Straight Body Display
150-3600	Gunite Poly Jet Display Threaded Bodies Only (8)
150-4000	Pipe Extender / Insider Coupler Display
150-8090	Hi-Flo II Pump Display
150-8150	Smart Filtration 10VS 24 - 11 x 17
150-8160	Smart Filtration OP Cost 11 x 17
150-8170	Skimmer Display Stand
150-C012-W	Chlorinator In-Line Display - White
150-8700	Booster Pump Display

Brochures/Flyers (continued next column)

Part No.	Description
150-8010	SVL56 Pump
150-8010-F	SVL56 Pump - Spanish
150-8010-S	SVL56 Pump - Spanish
150-8050	ClearWater II Chlorinator
150-8050-S	ClearWater II Chlorinator - Spanish
150-8050-F	ClearWater II Chlorinator - French

Brochures/Flyers (continued)

Part No.	Description
150-8070	Hi-Flo II Pump
150-8120	ClearWater II Cartridge Deluxe Systems
150-8130	ClearWater Sand Deluxe Systems
807-0024	Crystal Water D.E. Filter
807-0024S	Crystal Water D.E. Filter - Spanish
807-0025	Crystal Water Cartridge Filter
807-0025-F	Crystal Water Cartridge Filter - French
807-0025-S	Crystal Water Cartridge Filter - Spanish
807-0028	Carefree Sand Filter
807-0028-S	Carefree Sand Filter - Spanish
807-0036	Renegade Venturi Gunite Skimmer
807-0042	Champion Pump
807-0042F	Champion Pump - French
807-0042S	Champion Pump - Spanish
807-0044	ProClean Plus Cartridge Filter
807-0044-F	ProClean Plus Cartridge Filter - French
807-0044-S	ProClean Plus Cartridge Filter - Spanish
807-0055	TWM Sand Systems
807-0056	ClearWater II D.E. Systems (Standard & Deluxe)
807-0057	TWM Cartridge Filter Systems
807-0059	Viper Pump
807-0059-F	Viper Pump - French
807-0062-SPA	ShurFlex Pool & Spa Hose - Spa Specifications
807-0062-POOL	ShurFlex Pool & Spa Hose - Pool Specifications
807-0068	EX2 Pump
807-0075	ClearWater Sand Standard Systems
807-0078	Renegade Gunite Skimmer
807-0089	Carefree Sand Filter Standard & Deluxe Systems
807-0095	ClearWater II Cartridge Standard Systems
807-0097	VGB Drains & Suctions
807-0100	SMF Pump
807-0100-FR	SMF Pump - French
807-0100-S	SMF Pump - Spanish
807-0107	TWM-30 Series Cartridge & Sand Systems
807-0116A	Crystal Water Hang Tag Assembly (with tie)
807-0120	Pool Products Worksheet 2017
807-0125	Storm Jets - Orion/Eclipse/Reverse Eclipse
807-0128	Power Defender SVL Variable Speed (300)
807-0183	Power Defender Variable Speed Booster Pump
807-0184	Power Defender Exec VS & EX2 VS Spa Pumps
807-0186	Power Defender Energy Efficient EX2 Spa Pump
807-0187	Power Defender_2 Pole_6 Pole Spa Pumps
807-0188	Power Defender Viper VS Spa Pump
807-0352	Spa Steps
807-0352-F	Spa Steps - French
807-0354	Pump Cross-Reference w/Adjustable Base
807-1021	Power Defender 165 / 270 / 300 VS Pool Pumps
807-1021-F	Power Defender 165 / 270 / 300 VS Pool Pumps - French
807-1022	MIniStorm, PolyStorm & PowerStorm Thread-in Gunite Jets
807-1111	TruSeal Check & Diverter Valves
807-2010	Booster Pump
807-2030	NEO 2100 Spa Control
807-2030-F	NEO 2100 Spa Control - French
807-2031	NEO 1500 Spa Control
807-2031-F	NEO 1500 Spa Control - French
807-2032	NEO 1200 Spa Control
807-2032-F	NEO 1200 Spa Control - French
807-2033	OASIS Pool Pool & Spa Control
807-2035	NEO 2100_1500_1200_Configurations
807-8410	Santanna II - Stealth II Blowers

Fax Cover

To: **Waterway Customer Service**
Toll Free Fax: **888.772.5387 (888.SPA JETS)**

From:

Name:_____

Company:_____

Address:_____

City:_____State:_____Zip:_____

Phone:_____Fax:_____

❑ **Builder** ❑ **Mfr./OEM** ❑ **Sub Assembly** ❑ **Dealer** ❑ **Service Firm**

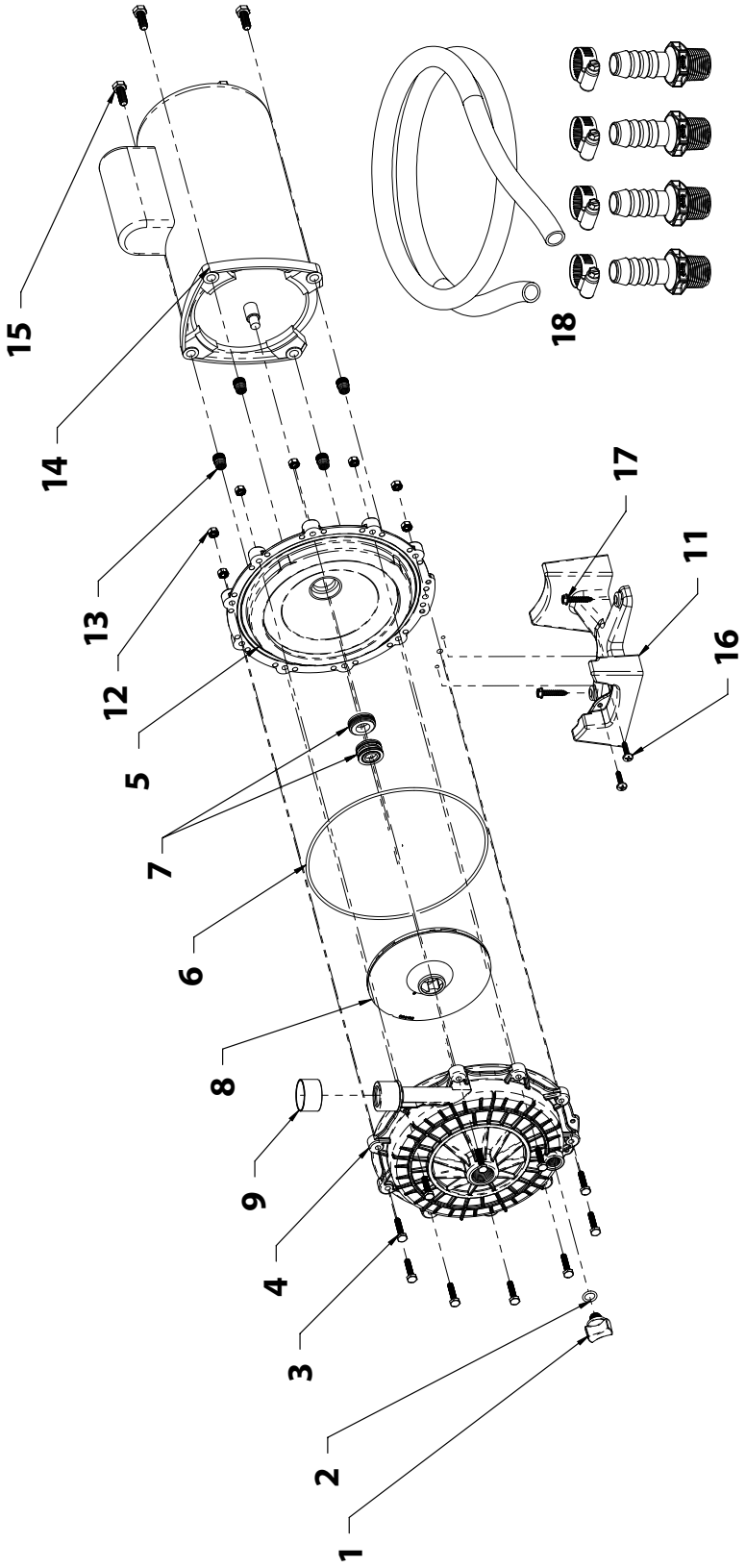
❑ **Swimming Pool** ❑ **Distributor** ❑ **Spa** ❑ **Whirlpool Bath**

Quantity	Part No.	Description	Price Each	Price Total

Replacement Parts

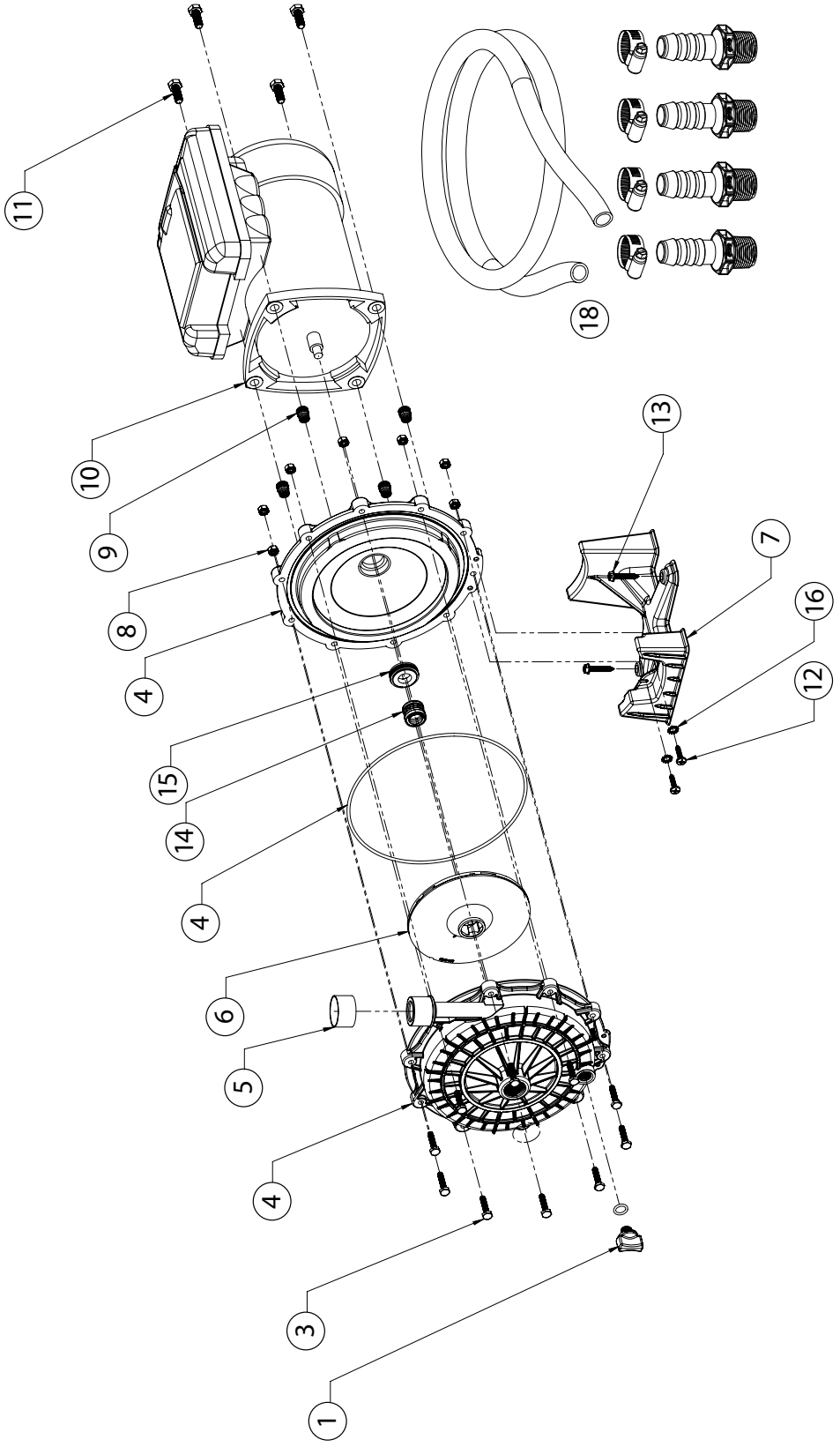
For Replacement Parts pricing please visit:
www.waterwayplastics.com – **2018 Catalog** – **Download** Rep Parts Pricing 2018
or contact Customer Service to receive a Price List.

2018


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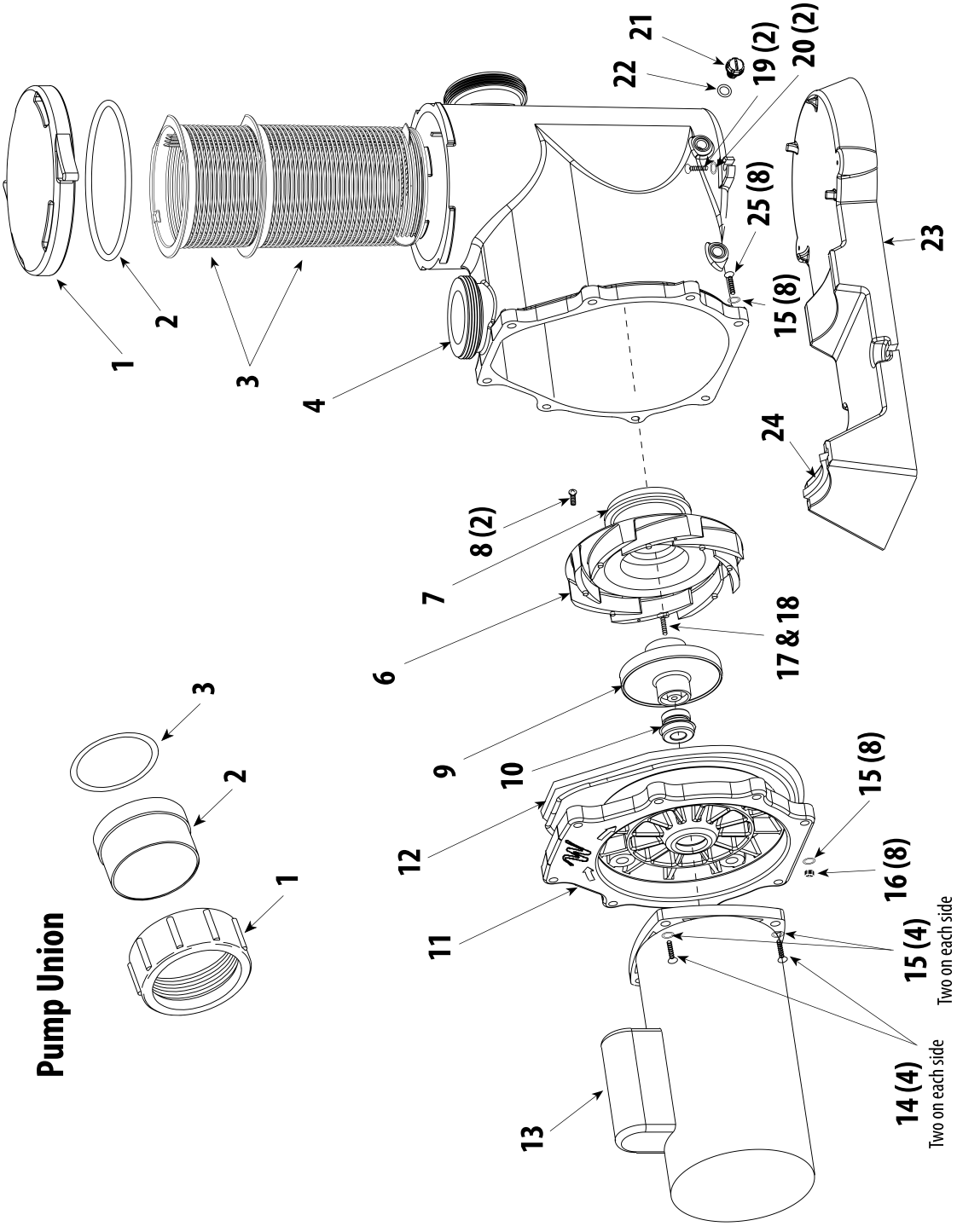
Booster Pump Replacement Parts

Item	Part No.	Description
1	**715-8400B**	Drain Plug 3/8" Booster Pump
2	**805-0112B**	O-Ring, #2-112, .487 I.D. X .103 W
3	**819-2590B**	Bolt, Hex Hd, 1/4"-20 UNC X 1-1/8"LG SS (19)
4	**315-8300B**	Volute Booster Pump
5	**311-8300B**	Seal Plate Booster Pump
6	**805-0268B**	O Ring #268 (2)
7	**319-3290B**	Pump Seal Set
8	**310-8400B**	3/4 HP Impeller Booster Pump Brass Impeller Insert, 1/2"-20 UNC-2B X 1"
9	**872-6200B**	Sleeve 1 1/2" X .049 Wall SS304
11	**672-1380B**	Motor Mount, Booster Pump
12	**820-0013B**	Hex Nut, Serated 1/4-20-Sand Filter (19)
13	**820-0019B**	Brass Insert, 3/8"-16 UNC-2B X 5/8" (.625) Volute (4)
14	**SG3P10430-1**	Booster Pump Motor
15	**819-0011B**	Screw, 3/8"-16 X 1 Hex Cap Head, Pool Pump (4)
16	**819-0800B**	Screw, #12 X 1.00" Lg, Type AB, Self-tapping, Pnhd, Phil. (2)
17	**819-0013B**	Screw Slot Hex Washer 1/4" X 1_1/4" (2)
18	**550-8700B**	Hose, Fitting And Clamp Kit (4)


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Power Defender Booster Pump 275 and 175 Replacement Parts

Item	Part No.	Description
1	**715-8400B**	Drain Plug 3/8" Booster Pump
2	**805-0112B**	O-Ring, #2-112, .487 I.D. X .103 W
3	**819-2590B**	Bolt, Hex Hd, 1/4"-20 UNC X 1-1/8"LG SS (19)
4	**315-8300B**	Volute Booster Pump
5	**311-8300B**	Seal Plate Booster Pump
6	**805-0268B**	O Ring #268 (2)
7	**319-3290B**	Pump Seal Set
8	**310-8400B**	3/4 HP Impeller Booster Pump Brass Impeller Insert, 1/2"-20 UNC-2B X 1"
9	**872-6200B**	Sleeve 1 1/2" X .049 Wall SS304
11	**672-1380B**	Motor Mount, Booster Pump
12	**820-0013B**	Hex Nut, Serated 1/4-20-Sand Filter (19)
13	**820-0019B**	Brass Insert, 3/8"-16 UNC-2B X 5/8" (.625) Volute (4)
14	**–**	Motor
15	**819-0011B**	Screw, 3/8"-16 X 1 Hex Cap Head, Pool Pump (4)
16	**819-0800B**	Screw, #12 X 1.00" Lg, Type AB, Self-tapping, Pnhd, Phil. (2)
17	**819-0013B**	Screw Slot Hex Washer 1/4" X 1_1/4" (2)
18	**550-8700B**	Hose, Fitting And Clamp Kit (4)

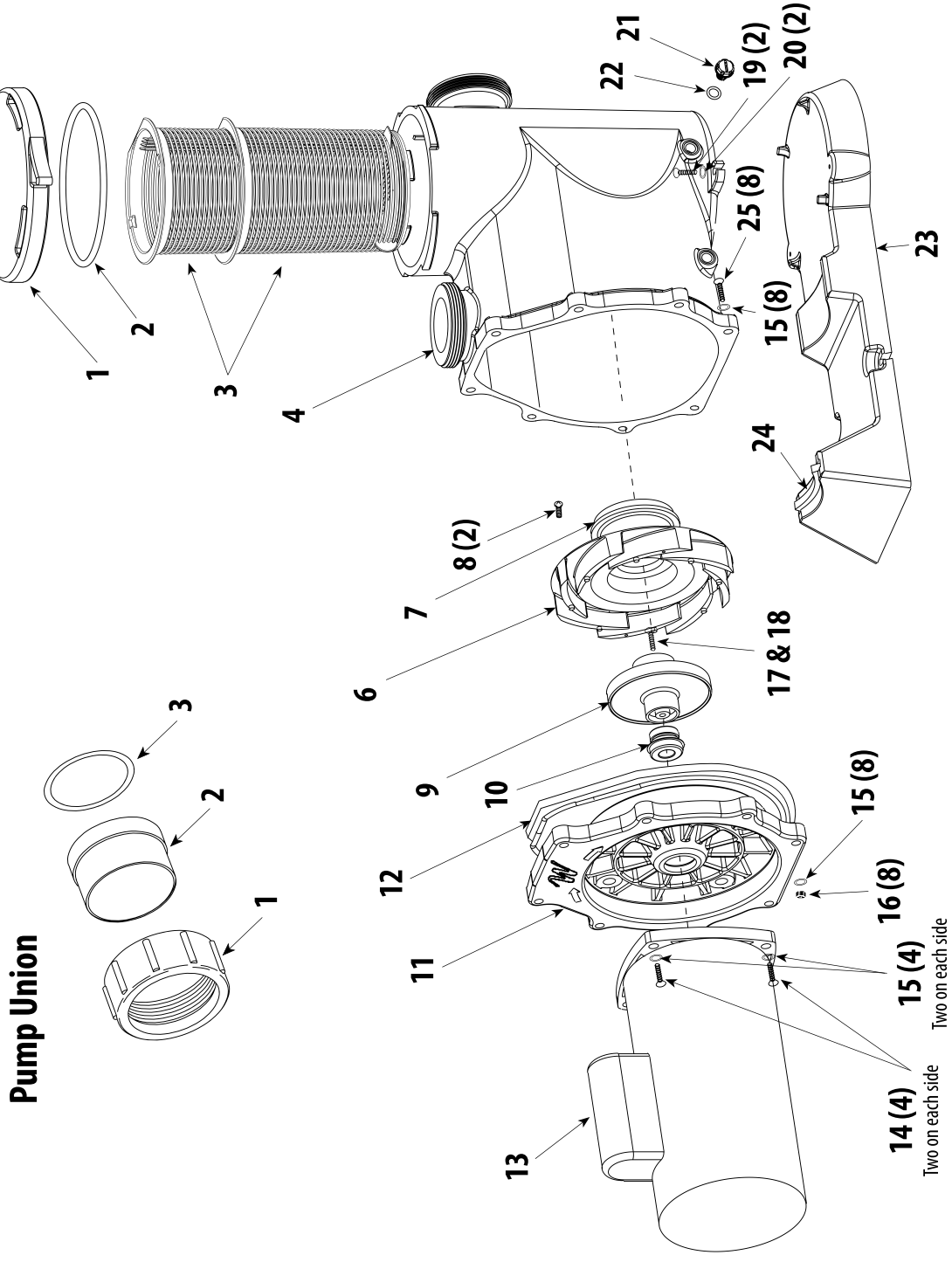

Pump Union
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8 (2)
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14 (4)
Two on each side
15 (4)
Two on each side
15 (8)
16 (8)
17 & 18
19 (2)
20 (2)
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23
24
25 (8)

SVL56 High-Flow Pump Replacement Parts

Item	Part No.	Description
1	511-1310B	Trap Lid
2	805-0439B	Trap Lid O-Ring
3	319-1310B	Basket Assembly
4	315-1300B	Volute Housing
6	310-3300B	Diffuser - High-Flow
7	805-0238B	Diffuser O-Ring
8	819-0018B	Diffuser Screw (2 required)
9	310-3650B	SVL56E-110, SVL56S-107, SVL56S-110, SVL56S-210 Impeller Assembly - High-Flow
	310-3660B	SVL56E-115, SVL56S-115, SVL56S-215 Impeller Assembly - High-Flow
	310-3670B	SVL56E-120, SVL56S-120, SVL56S-125 Impeller Assembly - High-Flow
	310-3680B	SVL56E-130 Impeller Assembly - High-Flow
10	319-3100B	Pump Seal Set - Viton (replaces 319-3110B)
11	311-1400B	Volute Faceplate
12	711-4290B	Faceplate Gasket
13	–	Motor
14	819-0011B	Screw - 3/8" - 16 x 1/8" (4 required)
15	820-0017B	3/8" Flat Washer (12 required)
16	820-0016B	3/8" 16-Fin Serrated Hex Nut
17	819-4360B	Screw Head Left Hand Thread
18	711-4300B	SVL Gasket for Left Hand Screw
19	819-0013B	Screw (2 required)
20	820-0018B	Flat Washer (2 required)
21	715-1201B	3/8" Quarter Slot Drain Plug
22	805-0112B	Drain Plug O-Ring
23	672-1300B	SVL56 Base
24	672-1310B	Motor Support Strip
25	819-0016B	Screw (8 required)

Pump Union Replacement Parts

Item	Part No.	Description
1	415-6001B	2 ½" Union Nut - Black
2	417-5971B	2" Tailpiece for 2 ½" Union Nut - O-Ring Black
2	417-6001B	2 ½" S Tailpiece - Black
3	711-6020B	Gasket , 2½" Union Heater

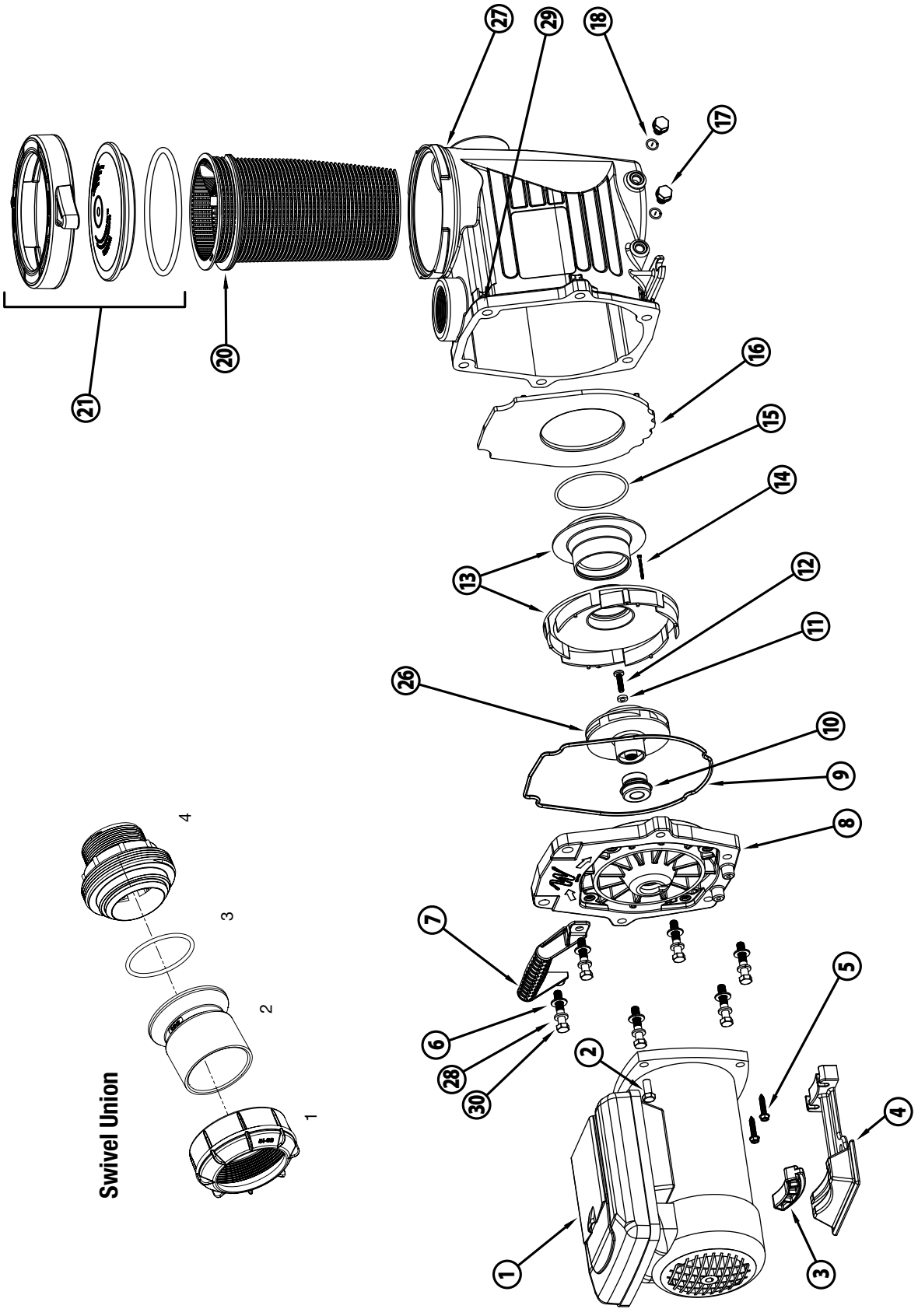

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19 (2)
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15 (8)
16 (8)
15 (4)
Two on each side
14 (4)
Two on each side
13
Pump Union
3
2
1

Power Defender SVL300 Pump Replacement Parts

Item	Part No.	Description
1	511-1310B	Trap Lid
2	805-0439B	Trap Lid O-Ring
3	319-1310B	Basket Assembly
4	315-1300B	Volute Housing
6	310-3300B	Diffuser - High-Flow
7	805-0238B	Diffuser O-Ring
8	819-0018B	Diffuser Screw (2 required)
9	310-3650B	SVL56E-110, SVL56S-107, SVL56S-110, SVL56S-210 Impeller Assembly - High-Flow
	310-3660B	SVL56E-115, SVL56S-115, SVL56S-215 Impeller Assembly - High-Flow
	310-3670B	SVL56E-120, SVL56S-120, SVL56S-125 Impeller Assembly - High-Flow
	310-3680B	SVL56E-130 Impeller Assembly - High-Flow
10	319-3100B	Pump Seal Set - Viton (replaces 319-3110B)
11	311-1400B	Volute Faceplate
12	711-4290B	Faceplate Gasket
13	–	Motor
14	819-0011B	Screw - 3/8" - 16 x 1/8" (4 required)
15	820-0017B	3/8" Flat Washer (12 required)
16	820-0016B	3/8" 16-Fin Serrated Hex Nut
17	819-4360B	Screw Head Left Hand Thread
18	711-4300B	SVL Gasket for Left Hand Screw
19	819-0013B	Screw (2 required)
20	820-0018B	Flat Washer (2 required)
21	715-1201B	3/8" Quarter Slot Drain Plug
22	805-0112B	Drain Plug O-Ring
23	672-1300B	SVL56 Base
24	672-1310B	Motor Support Strip
25	819-0016B	Screw (8 required)

Pump Union Replacement Parts

Item	Part No.	Description
1	415-6001B	2 ½" Union Nut - Black
2	417-5971B	2" Tailpiece for 2 ½" Union Nut - O-Ring Black
2	417-6001B	2 ½" S Tailpiece - Black
3	711-6020B	Gasket , 2½" Union Heater

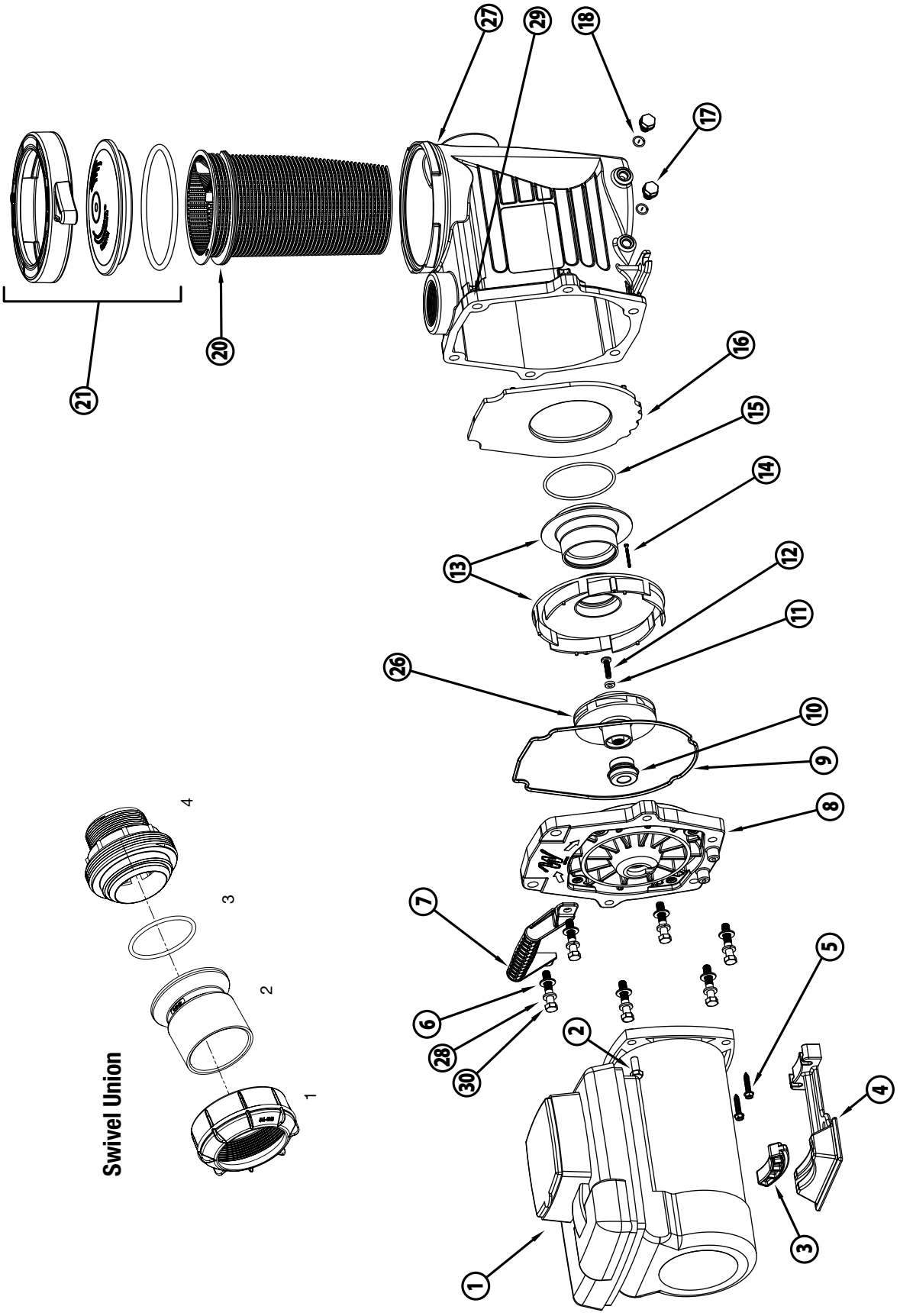

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Swivel Union
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Power Defender 1.65HP Variable Speed Pump Replacement Parts

Item	Part No.	Description
1	**350V120-1**	Motor, 56 Frame Variable Spd 230V
2	**819-0035B**	Bolt .375-16 X .875 Long
3	**672-1350B**	Motor Support Supra Max
4	**319-1500B**	Motor Base
5	**819-0013B**	Screw Slot Hex Washer 1/4" X 1_1/4"
6	**820-0017B**	3/8" Flat Washer Type B, Pool Pumps
7	**319-1700B**	Handle
8	**311-1450B**	Face Plate
9	**806-1400B**	Gasket, Face Plate
10	**319-3100B**	Pump Seal Set-Viton
11	**711-4300B**	Washer, Impeller
12	**819-4360B**	Screw Phil. Pan Head Left Hand 1/4-20 X 1"
13	**310-7470B**	Diffuser Assy
14	**819-0018B**	#4-40 Uncs Bolt Schs
15	**805-0238B**	O-Ring-238
16	**319-1420B**	Diffuser Plate
17	**715-1201B**	3/8" Quarter Slot Plug (Sd Wet End)
18	**805-0014B**	O-Ring, -014
20	**319-1430B**	Basket Assy
21	**319-4100B**	Lid & Nut & O-ring - 6" Trap
26	**310-7430B**	2 HP Full 2.5 HP Upr Impeller Assy
27	**315-2410B**	Pump Housing - 2" X 2" Npt
28	**820-0017-1B**	3/8" Washer, Split Lock
30	**819-0016B**	3/8"-16 X 2" Lg Hex Head

Swivel Union Replacement Parts

Item	Part No.	Description
1	**415-4061B**	2" Self Aligning Union Nut
2	**417-2111B**	Tailpiece 2" S. Self-Aligning Union - Black
3	**805-0332B**	O-ring #332 Self Aligning Union
4	**417-2121-CPVCB**	Tailpiece 2" MPT, Self-Aligning Union

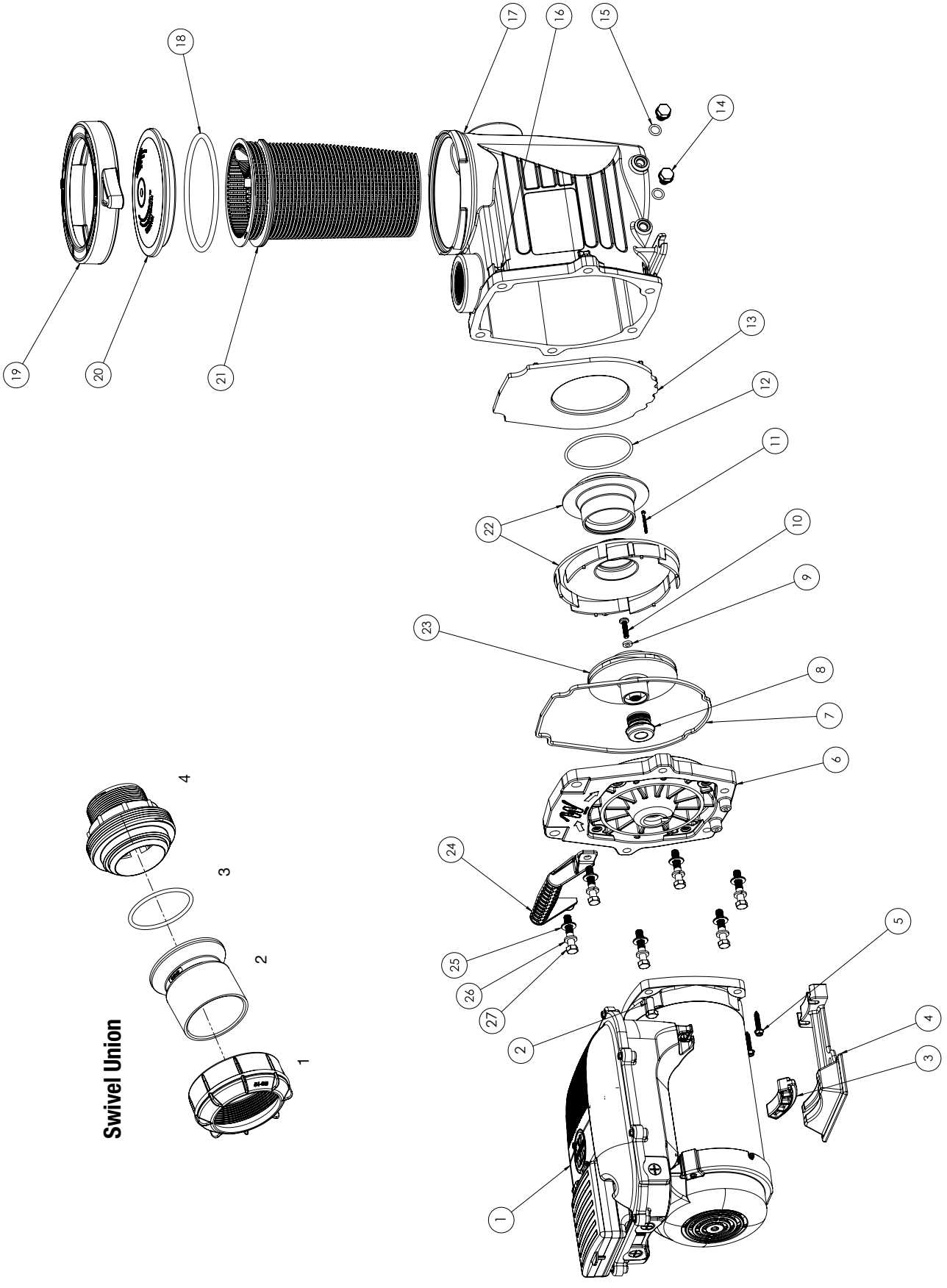

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Swivel Union
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Power Defender 2.7HP Variable Speed Pump Replacement Parts

Item	Part No.	Description
1	**350VS20-1**	Motor, 56 Frame Variable Spd 230V
2	**819-0035B**	Bolt .375-16 X .875 Long
3	**672-1350B**	Motor Support
4	**319-1500B**	Motor Base
5	**819-0013B**	Screw Slot Hex Washer 1/4" X 1_1/4"
6	**820-0017B**	3/8" Flat Washer Type B, Pool Pumps
7	**319-1700B**	Handle
8	**311-1450B**	Face Plate
9	**806-1400B**	Gasket, Face Plate
10	**319-3100B**	Pump Seal Set-Viton
11	**711-4300B**	Washer, Impeller
12	**819-4360B**	Screw Phil. Pan Head Left Hand 1/4-20 X 1"
13	**310-7470B**	Diffuser Assy
14	**819-0018B**	#4-40 Uncs Bolt Schs
15	**805-0238B**	O-Ring-238
16	**319-1420B**	Diffuser Plate
17	**715-1201B**	3/8" Quarter Slot Plug (Sd Wet End)
18	**805-0014B**	O-Ring, -014
20	**319-1430B**	Basket Assy
21	**319-4100B**	Lid & Nut & O-ring - 6" Trap
26	**310-7430B**	2 HP Full 2.5 HP Upr Impeller Assy
27	**315-2410B**	Pump Housing - 2" X 2" Npt
28	**820-0017-1B**	3/8" Washer, Split Lock
30	**819-0016B**	3/8"-16 X 2" Lg Hex Head

Swivel Union Replacement Parts

Item	Part No.	Description
1	**415-4061B**	2" Self Aligning Union Nut
2	**417-2111B**	Tailpiece 2" S. Self-Aligning Union - Black
3	**805-0332B**	O-ring #332 Self Aligning Union
4	**417-2121-CPVCB**	Tailpiece 2" MPT, Self-Aligning Union

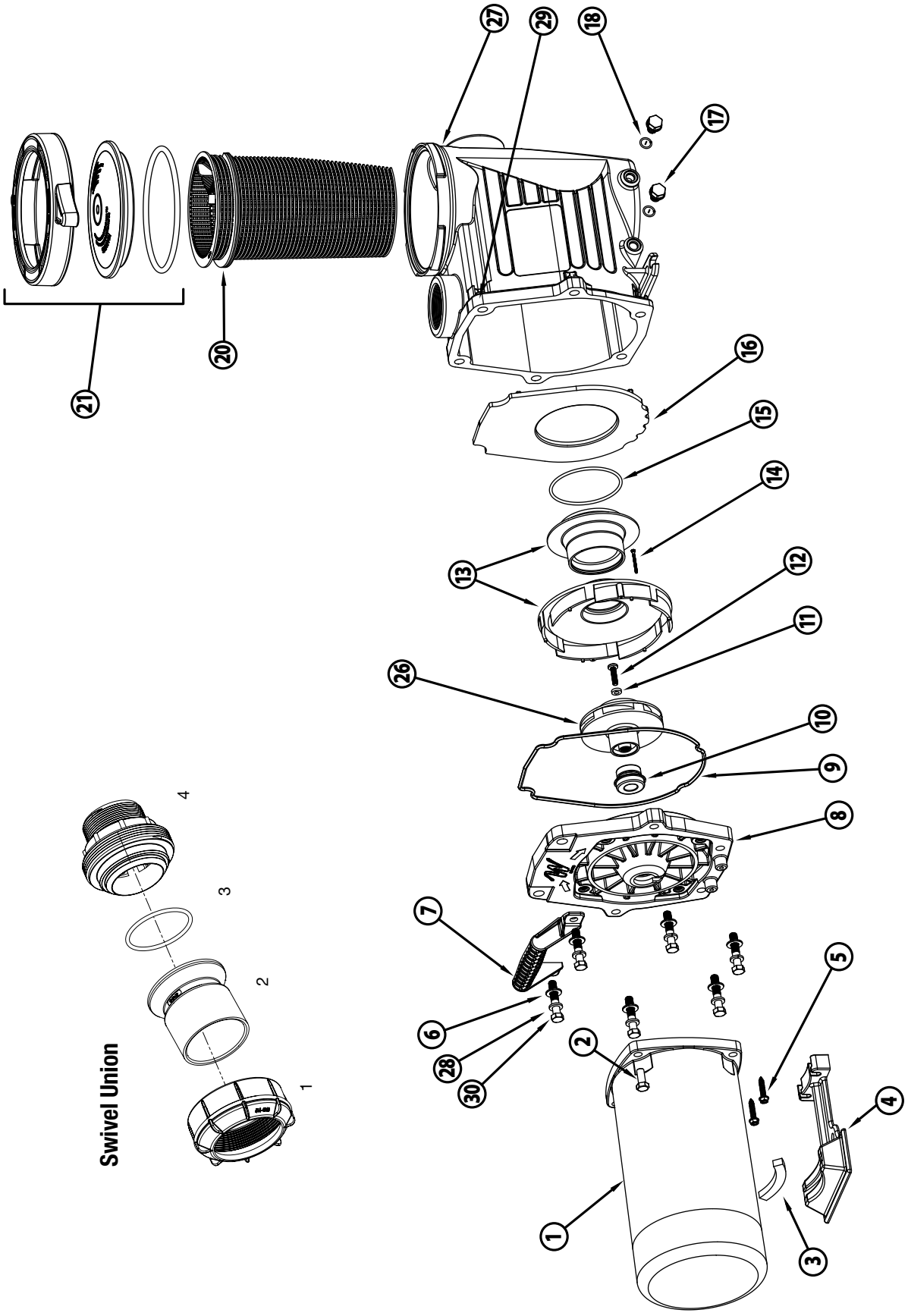

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Power Defender 300 Variable Speed Pump Replacement Parts

Item	Part No.	Description
1	–	Motor
2	819-0035B	Bolt .375-16 X .875 Long
3	672-1350B	Motor Support
4	319-1500B	Motor Base
5	819-0013B	Screw Slot Hex Washer 1/4" X 1_1/4"
6	820-0017B	3/8" Flat Washer Type B, Pool Pumps
7	319-1700B	Handle
8	311-1450B	Face Plate
9	806-1400B	Gasket, Face Plate
10	319-3100B	Pump Seal Set-Viton
11	711-4300B	Washer, Impeller
12	819-4360B	Screw Phil. Pan Head Left Hand 1/4-20 X 1"
13	310-7470B	Diffuser Assy
14	819-0018B	#4-40 Uncs Bolt Schs
15	805-0238B	O-Ring-238
16	319-1420B	Diffuser Plate
17	715-1201B	3/8" Quarter Slot Plug (Sd Wet End)
18	805-0014B	O-Ring, -014
20	319-1430B	Basket Assy
21	319-4100B	Lid & Nut & O-ring - 6" Trap
26	310-7430B	2 HP Full 2.5 HP Upr Impeller Assy
27	315-2410B	Pump Housing - 2" X 2" Npt
28	820-0017-1B	3/8" Washer, Split Lock
30	819-0016B	3/8"-16 X 2" Lg Hex Head

Swivel Union Replacement Parts

Item	Part No.	Description
1	415-4061B	2" Self Aligning Union Nut
2	417-2111B	Tailpiece 2" S. Self-Aligning Union - Black
3	805-0332B	O-ring #332 Self Aligning Union
4	417-2121-CPVCB	Tailpiece 2" MPT, Self-Aligning Union

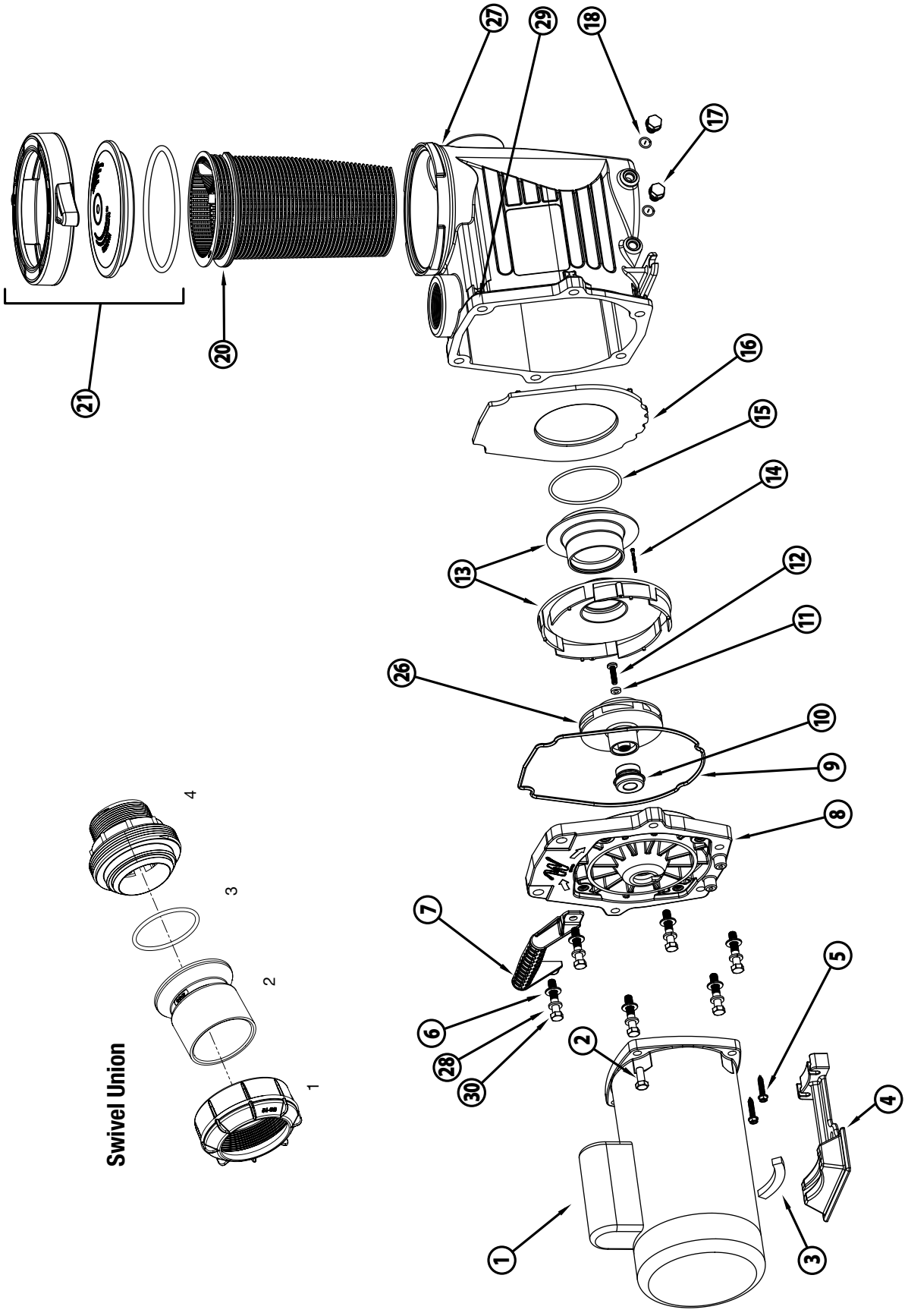

Swivel Union
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SMF Pump Replacement Parts

Item	Part No.	Description
1	**3310330-1**	Motor, 48-FRAME SQ FLG 3/4HP 115/230V 60HZ
2	**819-0035B**	Bolt .375-16 X .875 Long
3	**672-1350B**	Neoprene Motor Support Strip
4	**319-1500B**	Motor Support Base
5	**819-0013B**	Screw Slot Hex Washer 1/4" X 1_1/4"
6	**820-0017B**	3/8" Flat Washer Type B, Pool Pumps
7	**319-1700B**	Handle
8	**311-1450B**	Face Plate
9	**806-1400B**	Gasket, Face Plate
10	**319-3100B**	Pump Seal Set-Viton
11	**711-4300B**	Washer, Impeller
12	**819-4360B**	Screw Phil. Pan Head Left Hand 1/4-20 X 1"
13	**310-7470B**	Diffuser Assy
14	**819-0018B**	#4-40 Uncs Bolt Schs
15	**805-0238B**	O-Ring-238
16	**319-1420B**	Diffuser Plate
17	**715-1201B**	3/8" Quarter Slot Plug (Sd Wet End)
18	**805-0014B**	O-Ring, -014
20	**319-1430B**	Basket Assy
21	**319-4100B**	Lid & Nut & O-ring - 6" Trap
26	**310-7500B**	SupraMax 3/4 HP Impeller Assembly
	310-7510B	SupraMax 1 HP Impeller Assembly
	310-7520B	SupraMax 1.5 HP Impeller Assembly
	310-7530B	SupraMax 2 HP Impeller Assembly
27	**315-2410B**	Pump Housing - 2" X 2" Npt
28	**820-0017-1B**	3/8" Washer, Split Lock
30	**819-0016B**	3/8"-16 X 2" Lg Hex Head

Swivel Union Replacement Parts

Item	Part No.	Description
1	**415-4061B**	2" Self Aligning Union Nut
2	**417-2111B**	Tailpiece 2" S. Self-Aligning Union - Black
3	**805-0332B**	O-ring #332 Self Aligning Union
4	**417-2121-CPVCB**	Tailpiece 2" MPT, Self-Aligning Union

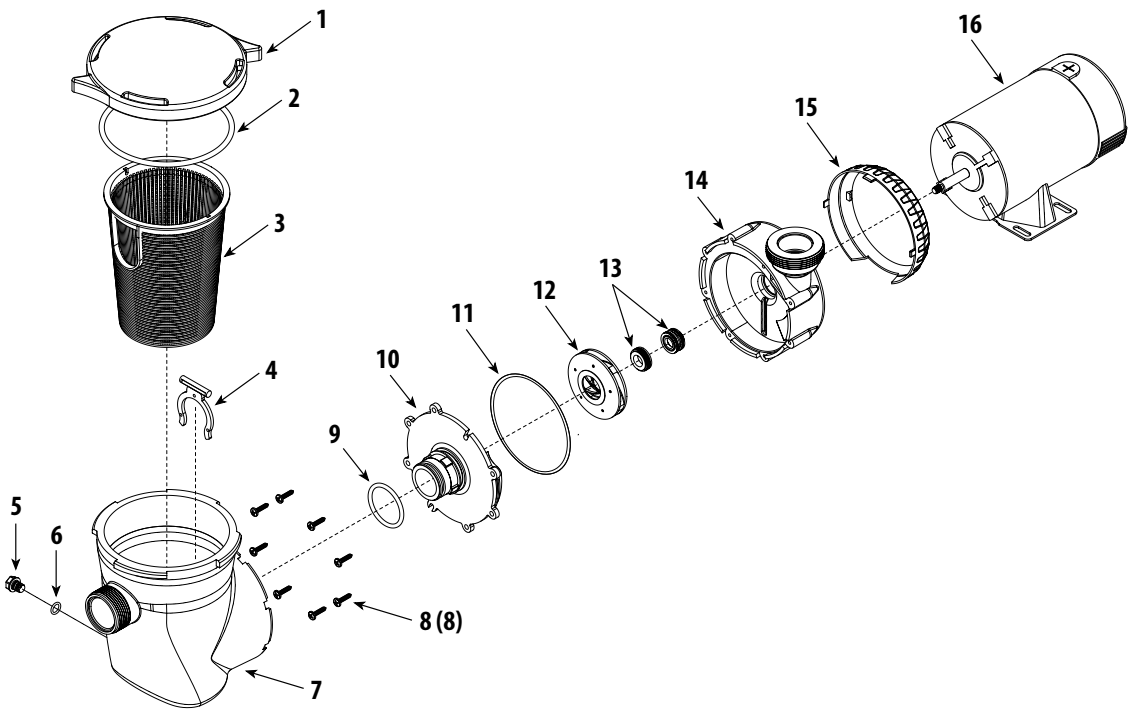

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Swivel Union
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Champion 56-Frame Pump Replacement Parts

Item	Part No.	Description
1	**350VS20-1**	Motor, 56 Frame Variable Spd 230V
2	**819-0035B**	Bolt .375-16 X .875 Long
3	**672-1350B**	Neoprene Motor Support Strip
4	**319-1500B**	Motor Support Base
5	**819-0013B**	Screw Slot Hex Washer 1/4" X 1_1/4"
6	**820-0017B**	3/8" Flat Washer Type B, Pool Pumps
7	**319-1700B**	Handle
8	**311-1450B**	Face Plate
9	**806-1400B**	Gasket, Face Plate
10	**319-3100B**	Pump Seal Set-Viton
11	**711-4300B**	Washer, Impeller
12	**819-4360B**	Screw Phil. Pan Head Left Hand 1/4-20 X 1"
13	**310-7470B**	Diffuser Assy
14	**819-0018B**	#4-40 Uncs Bolt Schs
15	**805-0238B**	O-Ring-238
16	**319-1420B**	Diffuser Plate
17	**715-1201B**	3/8" Quarter Slot Plug (Sd Wet End)
18	**805-0014B**	O-Ring, -014
20	**319-1430B**	Basket Assy
21	**319-4100B**	Lid & Nut & O-ring - 6" Trap
26	**310-7400B**	CHAMPS-107 Impeller Assembly
	310-7410B	CHAMPE-107/CHAMPS-110 /CHAMPS-210 Impeller Assy
	310-7420B	CHAMPE-110/CHAMPS-115/CHAMPS-210 Impeller Assy
	310-7430B	CHAMPE-115/CHAMPS-120/ CHAMPS-220 Impeller Assy
	310-7440B	CHAMPE-120/CHAMPS-125 /CHAMPS-225 Impeller Assy
	310-7450B	CHAMPE-130 Impeller Assembly
27	**315-2410B**	Pump Housing - 2" X 2" Npt
28	**820-0017-1B**	3/8"Washer, Split Lock
30	**819-0016B**	3/8"-16 X 2" Lg Hex Head

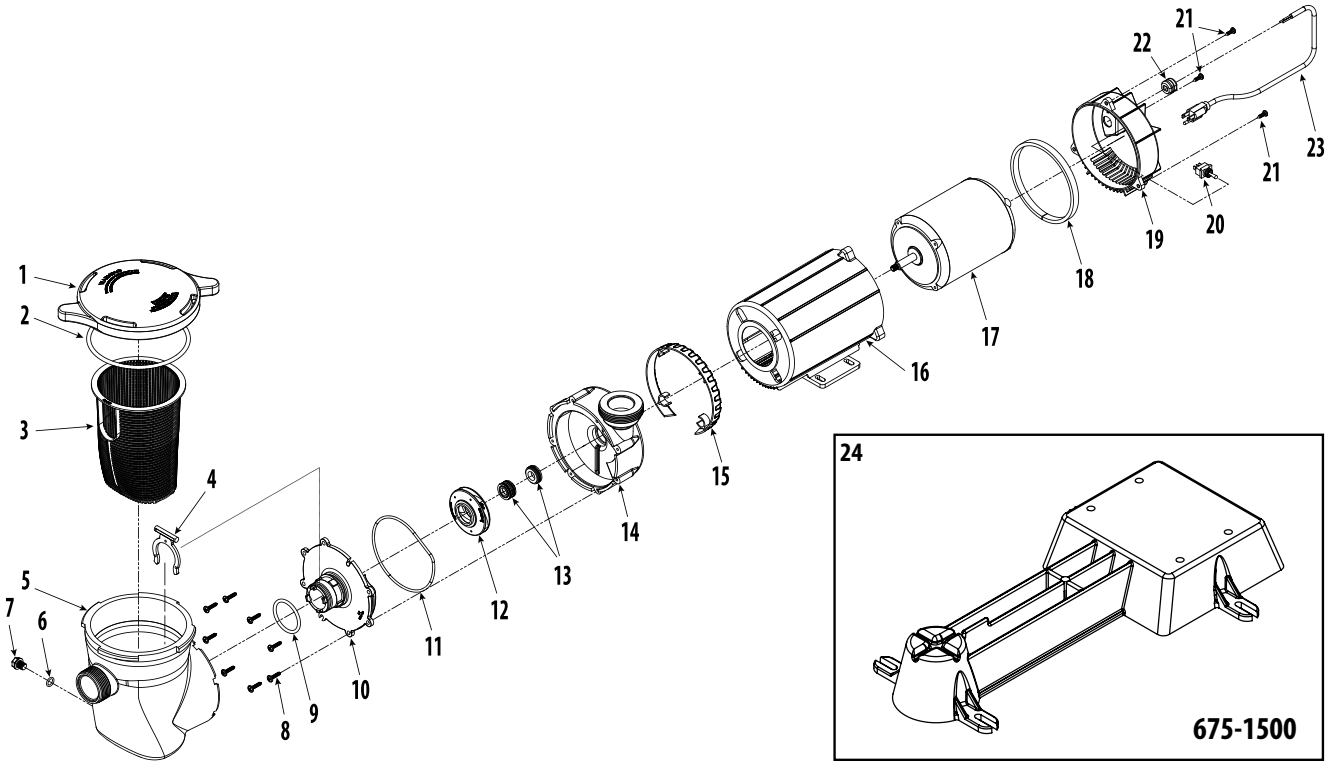
Swivel Union Replacement Parts

Item	Part No.	Description
1	**415-4061B**	2" Self Aligning Union Nut
2	**417-2111B**	Tailpiece 2" S. Self-Aligning Union - Black
3	**805-0332B**	O-ring #332 Self Aligning Union
4	**417-2121-CPVCB**	Tailpiece 2" MPT, Self-Aligning Union



Supreme Pump Replacement Parts

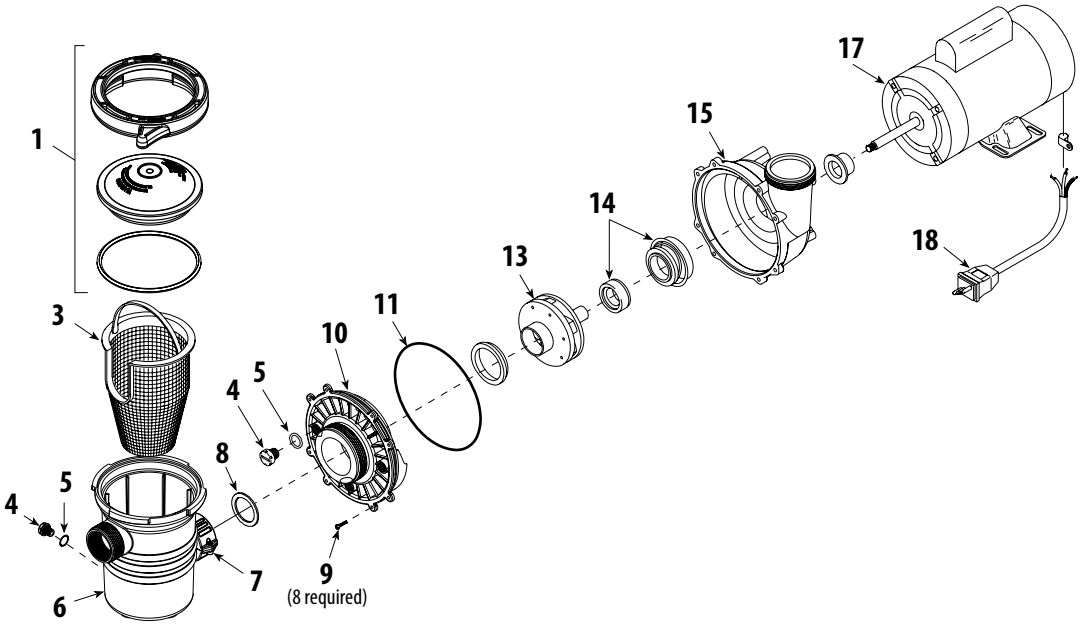
Item	Part No.	Description
1	511-1310B	Trap Lid
2	805-0439B	O-Ring #439
3	319-1530B	Trap Basket
4	319-1540B	C-Clip
5	715-1201B	3/8" Quarter Slot Drain Plug
6	805-0112B	O-Ring - Drain Plug
7	319-1510B	Trap Body
8	819-0800B	Screw #12 x 1" Self-Tapping Pan Head Phillips (8 required)
9	805-0330B	O-Ring #2-330
10	311-1520B	Faceplate
11	805-0001-SPLB	O-Ring Face Plate Volute
12	310-5080B	¾ HP Impeller Assembly
	310-5090B	1 HP Impeller Assembly
	310-5100B	1 ½ HP Impeller Assembly
13	319-3090B	Pump Seal Kit
14	315-1510B	Volute
15	319-1550B	Volute Cosmetic Cover
16	--	Motor
17	741-CGGZ-67RB	3 ft. Electrical Cord - Regular Plug
18	741-CGGZ-37LB	3 ft. Electrical Cord - Twist-lock Plug



CSA Supreme Pump Replacement Parts

Item	Part No.	Description
1	511-1310B	Trap Lid
2	805-0439B	O-Ring #439
3	319-1530B	Trap Basket
4	319-1540B	C-Clip for Poop Pump
5	319-1510B	Trap Body
6	805-0112B	O-Ring - Drain Plug
7	715-1201B	3/8" Quarter Slot Plug
8	819-0800B	Screw #12 x 1" Self-Tapping Pan Head Phillips (8 required)
9	805-0330B	O-Ring #2-330
10	311-1520B	Faceplate
11	805-0001-SPLB	O-Ring Faceplate
12	310-5080B	¾ HP Impeller Assembly
	310-5090B	1 HP Impeller Assembly
	310-5100B	1 ½ HP Impeller Assembly
13	319-3010B	Pump Seal Kit - Viton
14	315-1510B	Volute
15	319-1560B	Volute Cosmetic Cover
16	319-3500B	CSA Body Enclosure
17	--	Motor
18	865-0800B	Foam Ring
19	319-3510B	CSA Motor End Back Cover
20	815-4011B	Hi-Off-Lo Toggle Switch
21	819-9002B	Screw (3 required) #12 x ¾" Phillips
22	813-0025B	Strain Relief Plug
23	741-CGGZ-257RB	25 ft. NEMA Cord
24	675-1500B	CSA Pump Base, Supreme and Hi Flo Pump

Replacement Parts / **Hi-Flo & Hi-Flo II Side Discharge Pump**

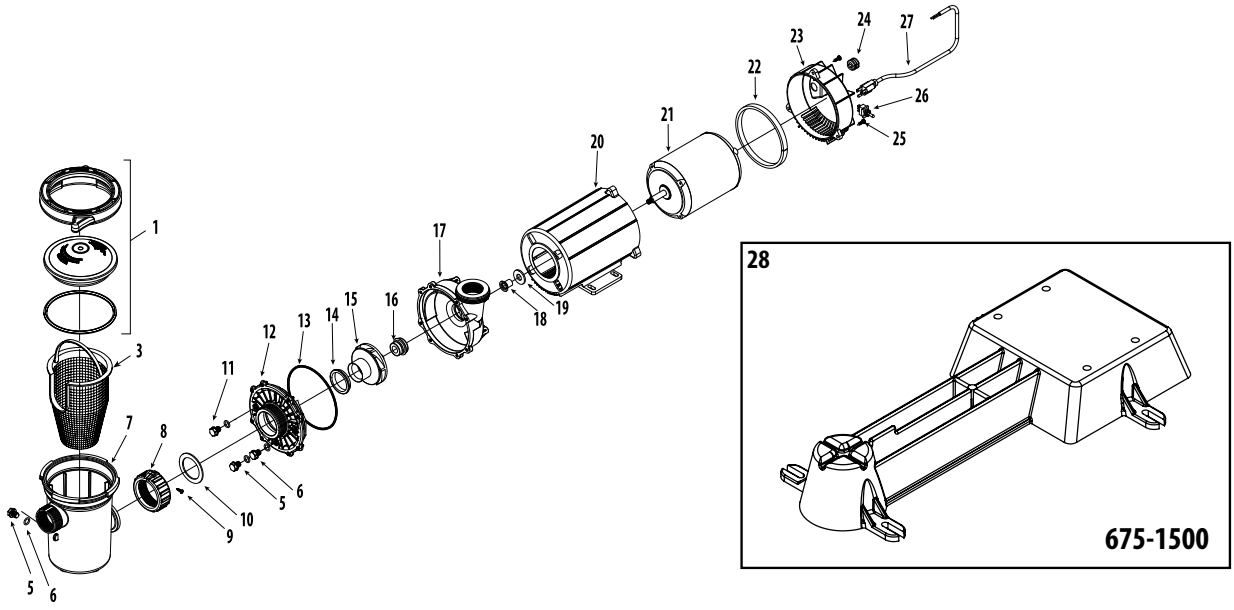


Hi-Flo Side Discharge Pump Replacement Parts

Item	Part No.	Description
1	319-4100	Lid & Nut & O-ring - 6" Trap
3	319-3230B	6" Trap Basket Assembly with Handle
4	715-1201B	3/8" Quarter Slot Drain Plug
5	805-0112B	O-Ring - Drain Plug
6	319-2170B	6" Trap Body - 1 ½" FPT/ 1 ½" Buttress x 2" Union Flange
7	400-5161B	2" Split Nut with Screw
8	711-4010B	2" Union Gasket
9	819-1110B	Screw (8 required)
10	311-2140B	2" Intake Side Discharge Faceplate
11	805-0256B	O-Ring - Faceplate
13	310-3990B	¾ HP Impeller Assembly
	310-4000B	1 HP Impeller Assembly
	310-4010B	1 ½ HP Impeller Assembly
	310-4030B	2 HP Impeller Assembly
14	319-3100B	Pump Seal Kit - Viton
15	315-2500B	Volute Housing - Side Discharge
17	--	Motor
18	741-CGGZ-67RB	3 ft. Electrical Cord - Regular Plug
	741-CGGZ-37LB	3 ft. Electrical Cord - Twist-Lock Plug

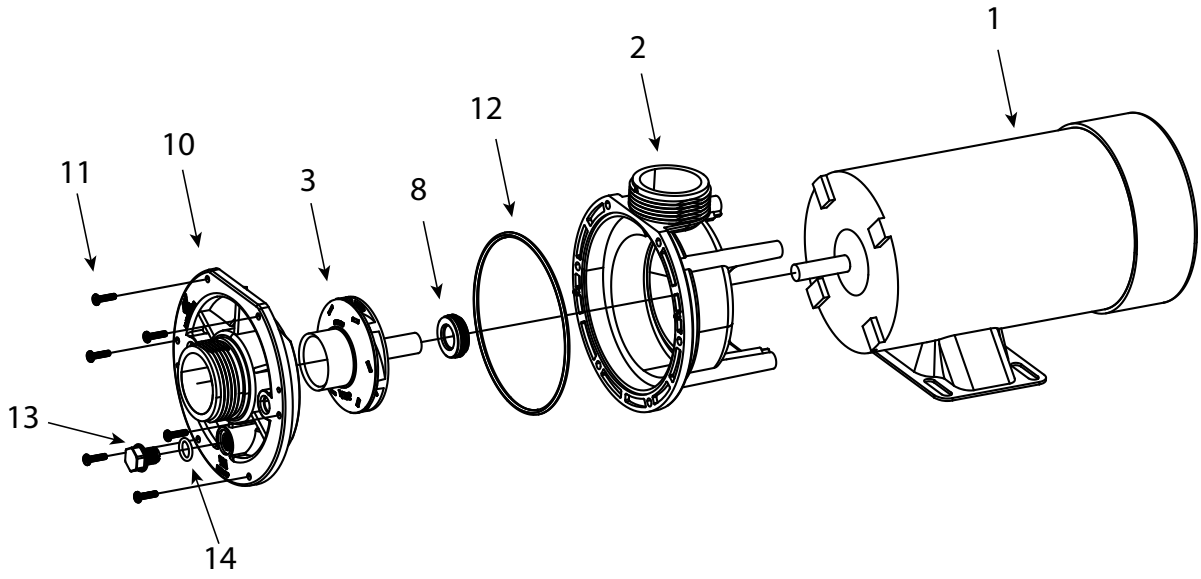
Hi-Flo II Side Discharge Pump Replacement Parts

Item	Part No.	Description
4	715-4020B	3/8" Quarter Slot Drain Plug
10	311-2170B	2" Intake Side Discharge Faceplate
11	805-0158B	O-Ring - Faceplate
13	310-8000B	½ HP Impeller Assembly
	310-8010B	¾ HP Impeller Assembly
	310-8020B	1 HP Impeller Assembly
	310-8030B	1 ½ HP Impeller Assembly
	310-8040B	2 HP Impeller Assembly
14	319-3090B	Pump Seal Kit - Viton
15	315-2520B	Volute Housing - Side Discharge

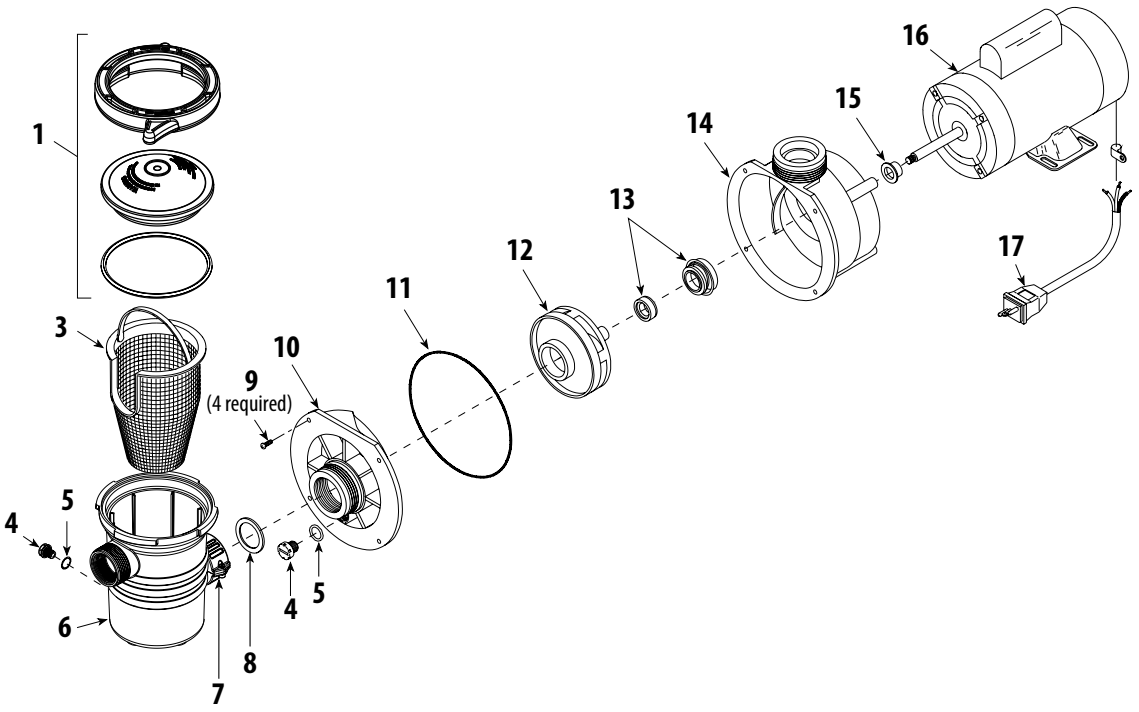


CSA Hi-Flo II Side Discharge Pump Replacement Parts

Item	Part No.	Description
1	**319-4100**	Lid & Nut & O-ring - 6" Trap
3	**319-3230B**	6" Trap Basket Assembly with Handle
5	**715-1201B**	3/8" Quarter Slot Plug (2 required)
6	**805-0112B**	O-Ring - Drain Plug (2 required)
7	**319-2170B**	6" Trap Body - 1 ½" FPT / 1 ½" Buttress x 2" Union Flange
8	**415-5201B**	2" Heater Split Nut x 2 5/16" Gated Flange
9	**819-4350B**	Screw (2 required)
10	**711-4010B**	2" Union Gasket
11	**819-1110B**	Screw (8 required)
12	**311-2140B**	Side Discharge Faceplate
13	**805-0256B**	O-Ring - Faceplate
14	**319-1390B**	Wear Ring
15	**310-3990B**	¾ HP Impeller "B" Assembly
--	**310-4000B**	1 HP Impeller "C" Assembly
--	**310-4010B**	1 ½ HP Impeller "D" Assembly
--	**310-4030B**	2 HP Impeller Assembly
16	**319-3100B**	Pump Seal Kit
17	**315-2500B**	Side Discharge Volute with Inserts
18	**319-3520B**	CSA Slinger
19	**319-3530B**	CSA Slinger Washer
20	**319-3500B**	CSA Body Enclosure
21	**--**	Motor
22	**865-0800B**	Foam
23	**319-3510B**	CSA Back Cover
24	**813-0025B**	Strain Relief
25	**819-9002B**	Screw (3 required)
26	**815-4011B**	Hi-Off-Lo Toggle Switch
27	**741-CGGZ-257RB**	NEMA 25ft. Cord
28	**675-1500B**	CSA Pump Base, Supreme and Hi-Flo Pump

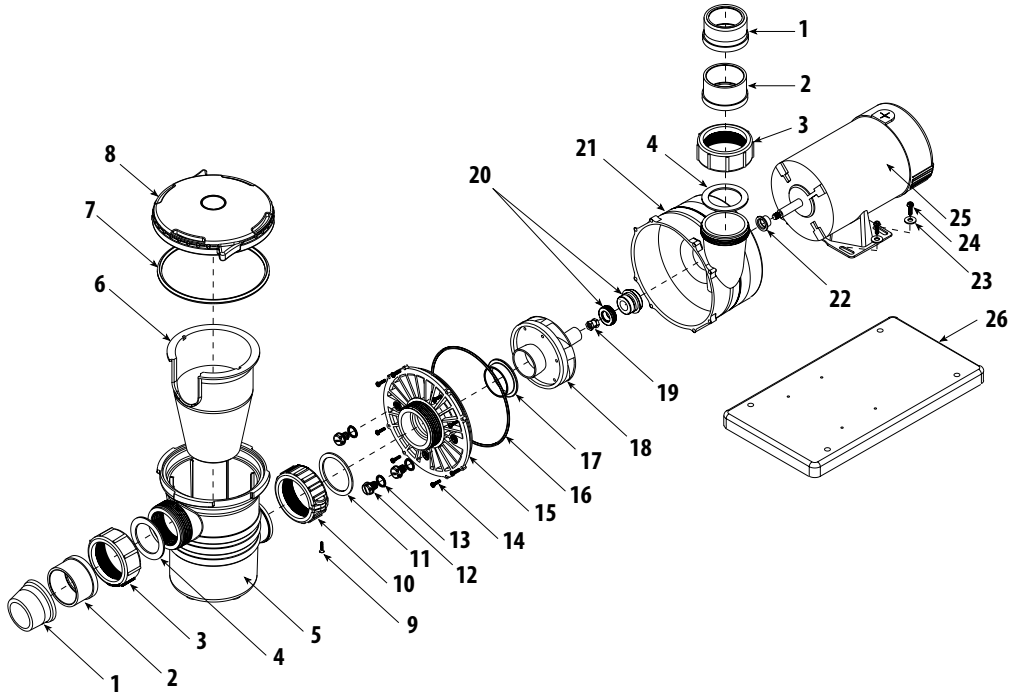


E-Series Center Discharge Pump Replacement Parts		
Item	Part No.	Description
2	**315-1070B**	Volute - Spa & Bath - Center Discharge
3	**310-8000B**	½ HP Impeller Assembly
	310-8010B	¾ HP Impeller Assembly
	310-8020B	1 HP Impeller Assembly
	310-8030B	1½ HP Impeller Assembly
	310-8040B	2 HP Impeller Assembly
8	**319-3090B**	Pump Seal Kit
10	**311-1070B**	Faceplate - Spa - Center Discharge Wet End
11	**819-1110B**	Screw - #8 - 32 x 5/8" PPH 18-8
12	**805-0252B**	O-Ring - #265 - Sand Filter Valve
13	**715-1201B**	3/8" Quarter Slot Plug (SD Wet End)
14	**805-0112B**	O-Ring - #112 Pump Drain Plug



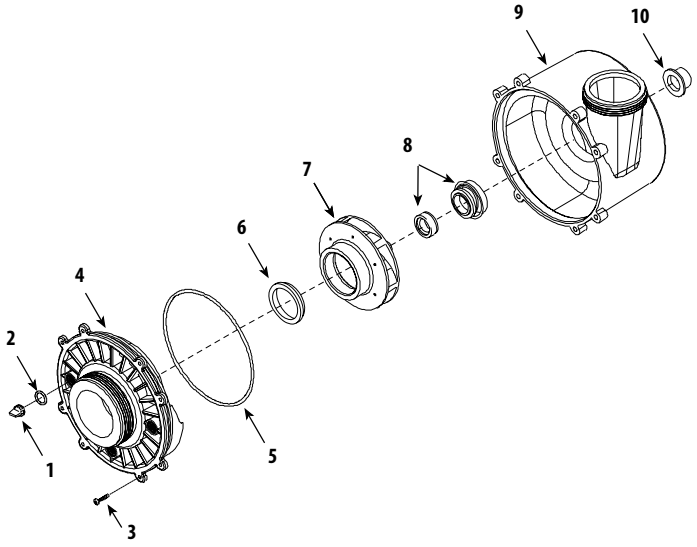
Center Discharge Pump Replacement Parts

Item	Part No.	Description
1	319-4100B	Lid & Nut & O-ring - 6" Trap
2	805-0436B	O-Ring - 6" Trap Lid
3	319-3230B	6" Trap Basket Assembly with Handle
4	715-1201B	3/8" Quarter Slot Plug
5	805-0112B	O-Ring - Pump Drain Plug
6	319-2160B	6" Trap Body - 1 ½" FPT / 1 ½" Buttress x 1 ½" Union Flange
7	415-4051B	1 ½" Split Nut Union Buttress
8	711-4000B	1 ½" Union Gasket
9	819-1110B	Screw (4 required)
10	311-1110B	Faceplate
11	805-0252B	O-Ring - Faceplate Volute
12	310-5110B	½ HP Impeller "A" Assembly
	310-5120B	¾ HP Impeller "B" Assembly
	310-5130B	1 HP Impeller "C" Assembly
	310-5140B	1 ½ HP Impeller "D" Assembly
	310-5200B	2 HP Impeller "E" Assembly
13	319-3100B	Seal Set
14	315-1120B	Volute
	315-1050B	Jacuzzi Style Volute
15	313-1400B	Slinger
16	--	Motor
17	741-CGGZ-67RB	3 ft. Cord - Regular Plug
	741-CGGZ-37LB	3 ft. Cord - Twist-Lock Plug



Workman Pump Replacement Parts

Item	Part No.	Description
1	417-5130B	Tailpiece - (2" Spigot x 1 ½" FPT) - O-Ring Grove *(optional)*
2	417-5121B	2" Tailpiece
3	415-5001B	2" Union Nut
4	711-4010B	2" Union Gasket
5	319-5300B	Workman Trap 2" FPT / 2" Buttress x 2" Union Flange
6	319-3210B	6" Trap Basket
7	805-0436B	O-Ring - 6" Trap Lid
8	319-3260B	Lid - 6" Trap - Self-Locking
9	819-1040B	Screw #8 x ¾ Stainless Steel Phillips
10	400-5301B	Workhorse Trap Split-Nut Assembly with Screw
11	711-5300B	2" Gasket - Workhorse Trap
12	715-1201B	3/8" Quarter Slot Plug
13	805-0112B	O-Ring - Pump Drain Plug
14	819-1110B	Screw #8 32 x 5/8 PPH 18-8
15	311-1220B	Executive Volute Faceplate 2" Intake
16	805-0261B	O-Ring 261 - Volute for Executive Faceplate
17	319-1380B	Wear Ring - Executive ¾, 1, 2, and 3 HP
18	310-1020B	¾ HP Impeller Assembly
	310-1030B	1 HP Impeller Assembly
	310-1040B	1 ½ HP Impeller Assembly
	310-1050B	2 HP Impeller Assembly
	310-1060B	3 HP Impeller Assembly
19	820-4150B	Coupling Nut - Impeller
20	319-3100B	Pump Seal Kit
21	315-1240B	48-Frame Volute with Inserts
22	313-1400B	Slinger
23	820-0018B	F/Washer
24	819-9001B	Screw #12 x ¾ Slot Hex Washer
25	--	Motor
26	672-1060B	Equipment Base - 1" x 8 ½" x 15 ½"

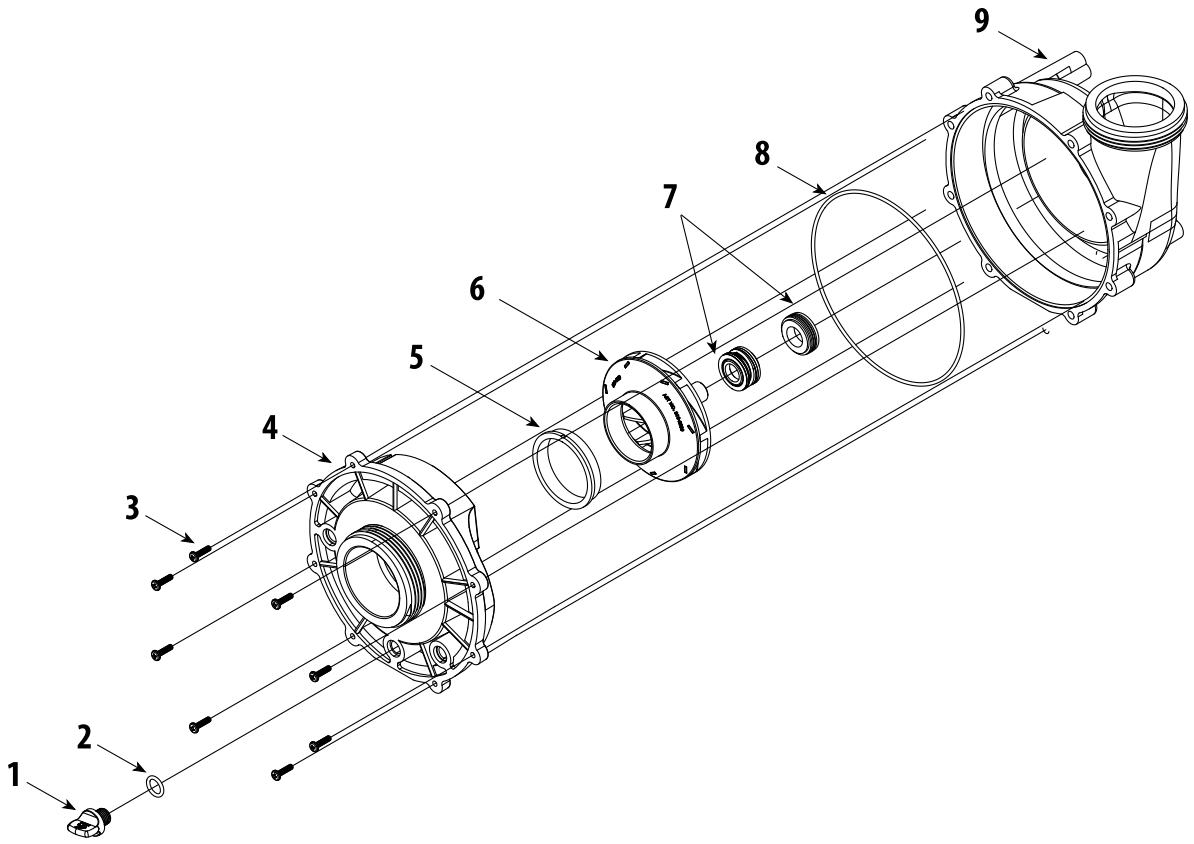


Executive 56-Frame Wet End Replacement Parts

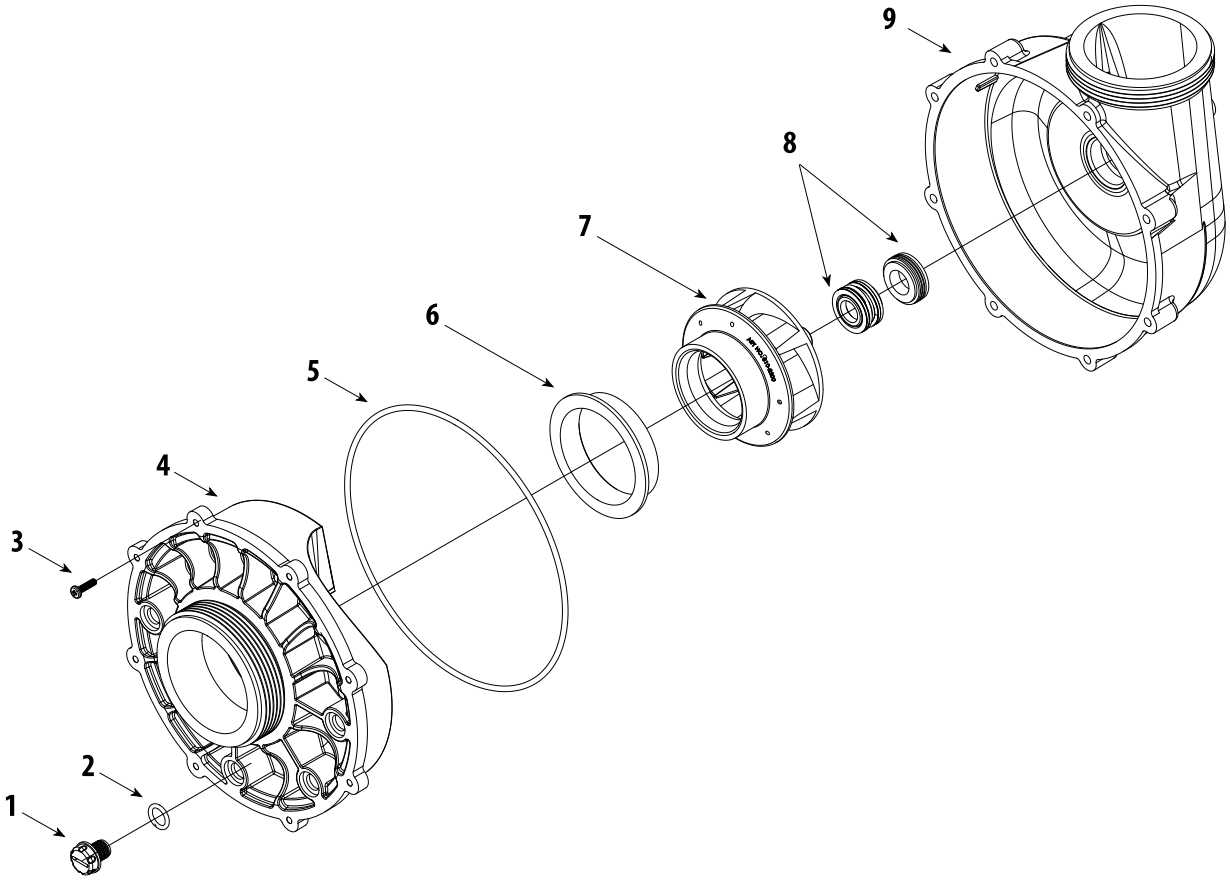
Item	P art No.	Description
1	**715-1201B**	3/8" Quarter Slot Plug - Air Relief
2	**805-0112B**	O-Ring - #111 - Pump Drain Plug
3	**819-1110B**	Screw - #8 - 32 x 7/16" PPH
4	**311-1210B**	Executive Faceplate 2 ½"
	311-1220B	Executive Faceplate 2"
5	**805-0261B**	O-Ring 261 - Volute for Executive Faceplate
6	**319-1370B**	Wear Ring - Executive Pump 4 & 5 HP
	319-1380B	Wear Ring - Executive Pump ¾, 1, 2, and 3 HP
7	**310-4220B**	1 HP Impeller Assembly
	310-4210B	2 HP Impeller Assembly
	310-4200B	3 HP Impeller Assembly
	310-4190B	4 HP Impeller Assembly
	310-4180B	5 HP Impeller Assembly
8	**319-3100B**	Pump Seal Set
9	**315-1220B**	Executive Volute 56-Frame with Inserts
10	**313-1400B**	Slinger

Executive 48-Frame Wet End Replacement Parts

Item	Part No.	Description
1	**715-1201B**	3/8" Quarter Slot Plug - Air Relief
2	**805-0112B**	O-Ring - #111 - Pump Drain Plug
3	**819-1110B**	Screw - #8 - 32 x 7/16" PPH
4	**311-1210B**	Executive Faceplate 2 ½"
	311-1220B	Executive Faceplate 2"
5	**805-0261B**	O-Ring 261 - Volute for Executive Faceplate
6	**319-1370B**	Wear Ring - Executive Pump 4 & 5 HP
	319-1380B	Wear Ring - Executive Pump ¾, 1, 2 and 3 HP
7	**310-4230B**	1 HP Motor - ¾ HP Impeller Assembly
	310-4220B	1 ½ HP Motor - 1 HP Impeller Assembly
	310-4210B	2 HP Motor - 2 HP Impeller Assembly
	310-4200B	3 HP Motor - 2 HP Impeller Assembly
	310-4200B	4 HP Motor - 3 HP Impeller Assembly
8	**319-3100B**	Pump Seal Set
9	**315-1240B**	Executive Volute 48-Frame with Inserts
10	**313-1400B**	Slinger

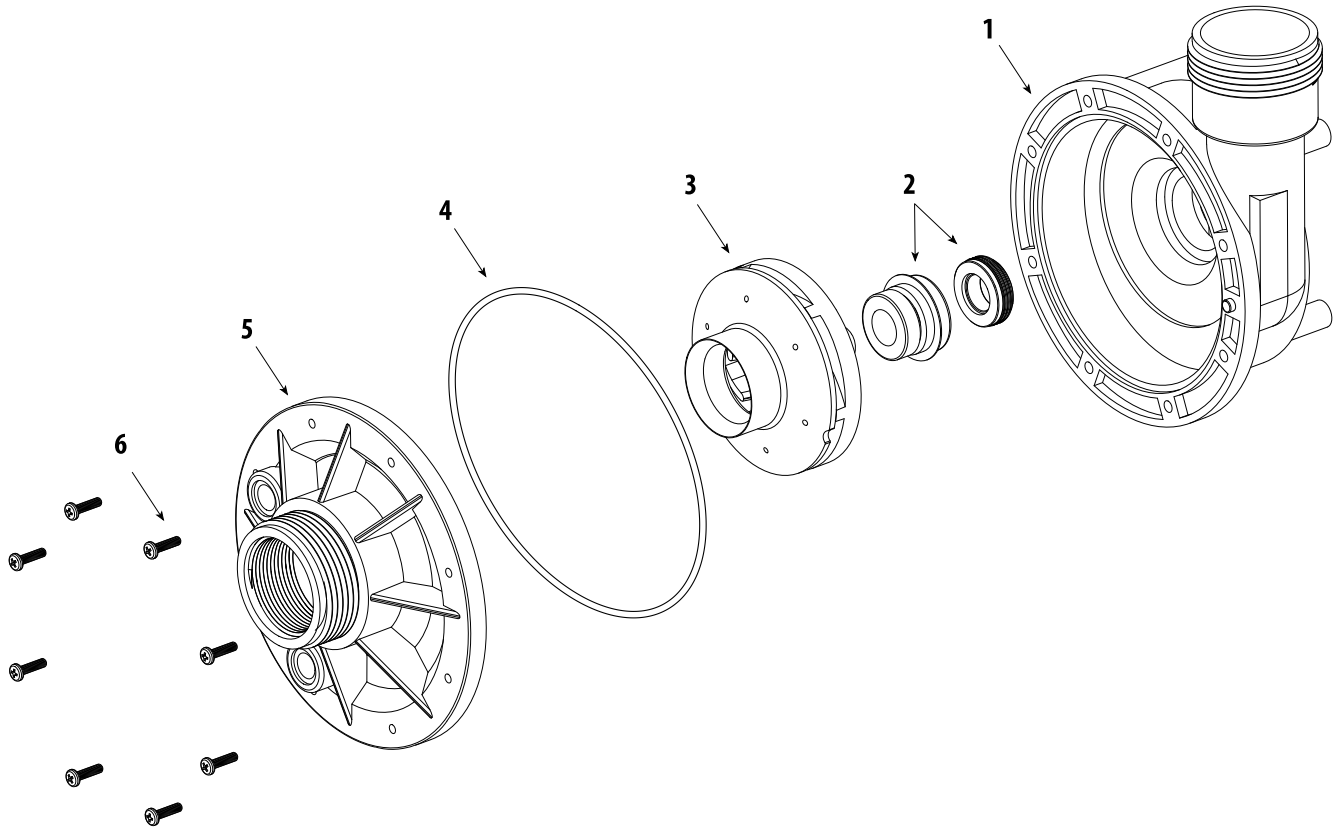


EX2 Wet End Replacement Parts		
Item	Part No.	Description
1	**715-4020B**	Pump Drain Plug
2	**805-0112B**	O-Ring - Pump Drain Plug
3	**819-1110B**	Screw #8-32
4	**311-2311B**	Volute Faceplate
5	**319-1270B**	Wear Ring
6	**310-2330B**	Impeller Assembly - 1 ½ HP
	310-2340B	Impeller Assembly - 2 HP
	310-2300B	Impeller Assembly - 2 ½ HP
	310-2350B	Impeller Assembly - 3 HP
7	**319-3090B**	Pump Seal Kit
8	**805-0164B**	O-Ring #164
9	**315-2301B**	Volute Housing

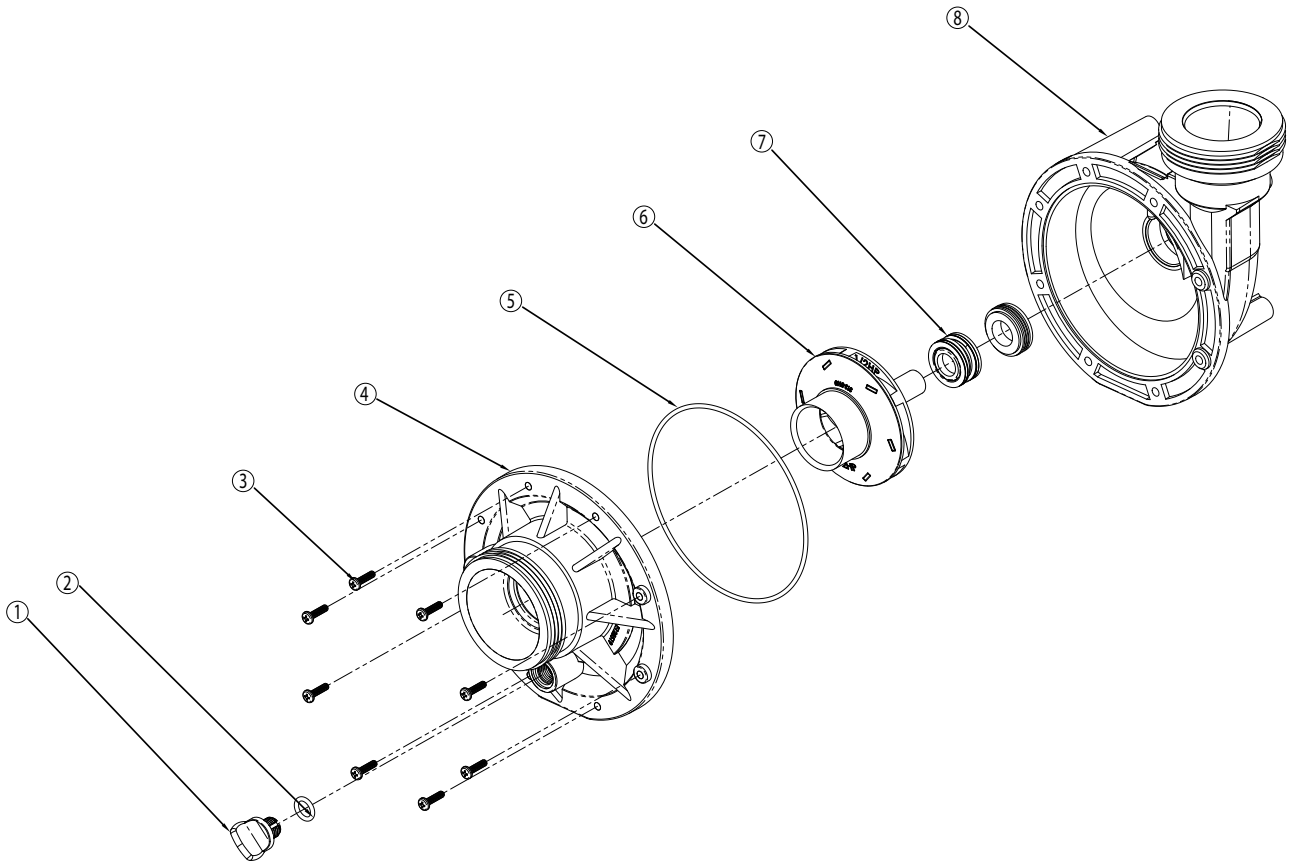


Viper Wet End Replacement Parts

Item	Part No.	Description
1	**715-1201B**	3/8" Quarter Slot Pump Drain Plug
2	**805-0112B**	O-Ring - Pump Drain Plug
3	**819-1110B**	Screw #8-32 (8 required)
4	**311-1510B**	Volute Faceplate
5	**805-0264B**	Volute O-Ring
6	**313-3210B**	Wear Ring
7	**310-2260B**	Impeller Assembly - 2 HP
	310-2270B	Impeller Assembly - 3 HP
	310-2200B	Impeller Assembly - 4 HP
	310-2620B	Impeller Assembly - 5 HP
8	**319-3090B**	Pump Seal Kit
9	**315-1500B**	Volute

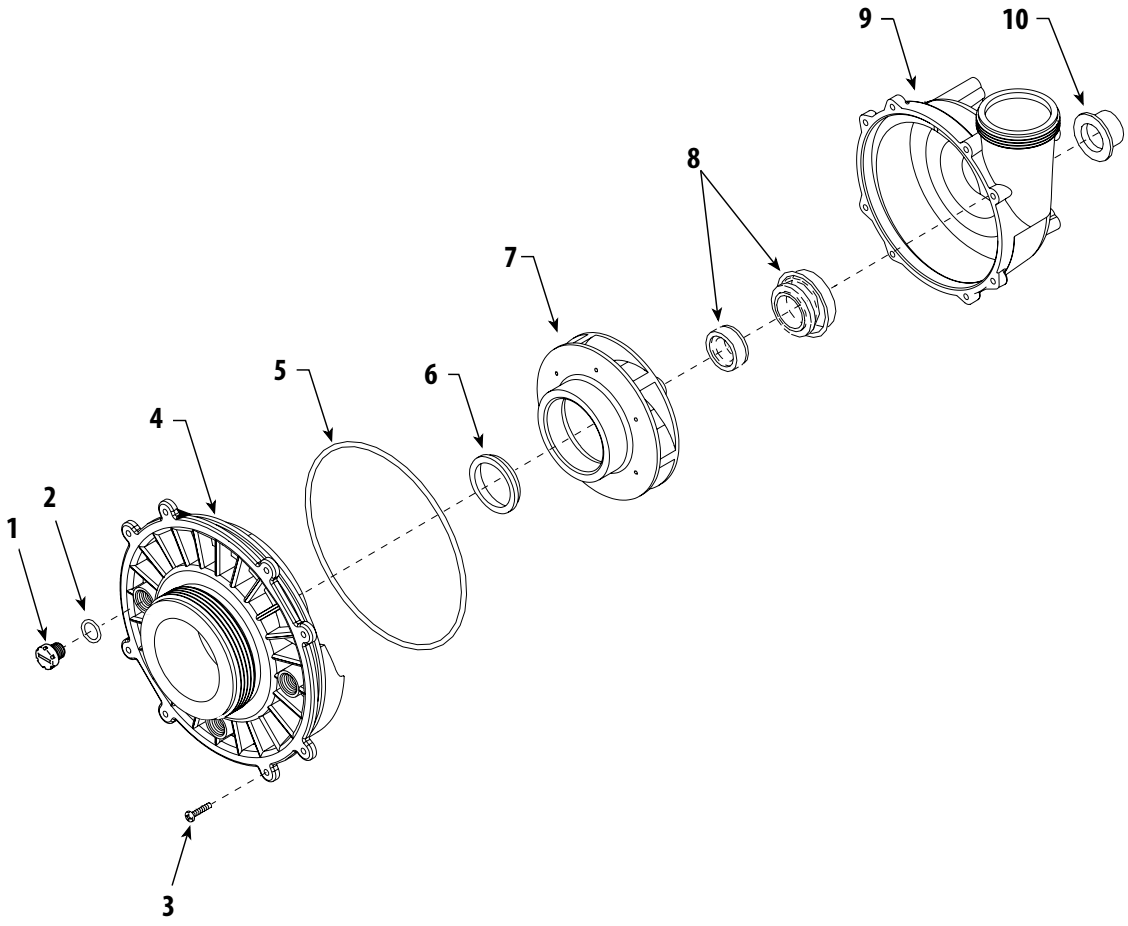


Spa Flo and Iron Might Wet End Replacement Parts		
Item	Part No.	Description
1	**315-1060B**	Volute
2	**319-3090B**	Pump Seal Kit
3	**310-0900B**	Iron Might Impeller Assembly
	310-4060B	Spa Flo Impeller Assembly - 1 HP
	310-4070B	Spa Flo Impeller Assembly - 1.5 HP
	310-4090B	Spa Flo Impeller Assembly - 2 HP
4	**805-0248B**	Volute O-Ring
5	**311-1060B**	Faceplate
6	**819-1110B**	#8-32 Screw *(8 required)*



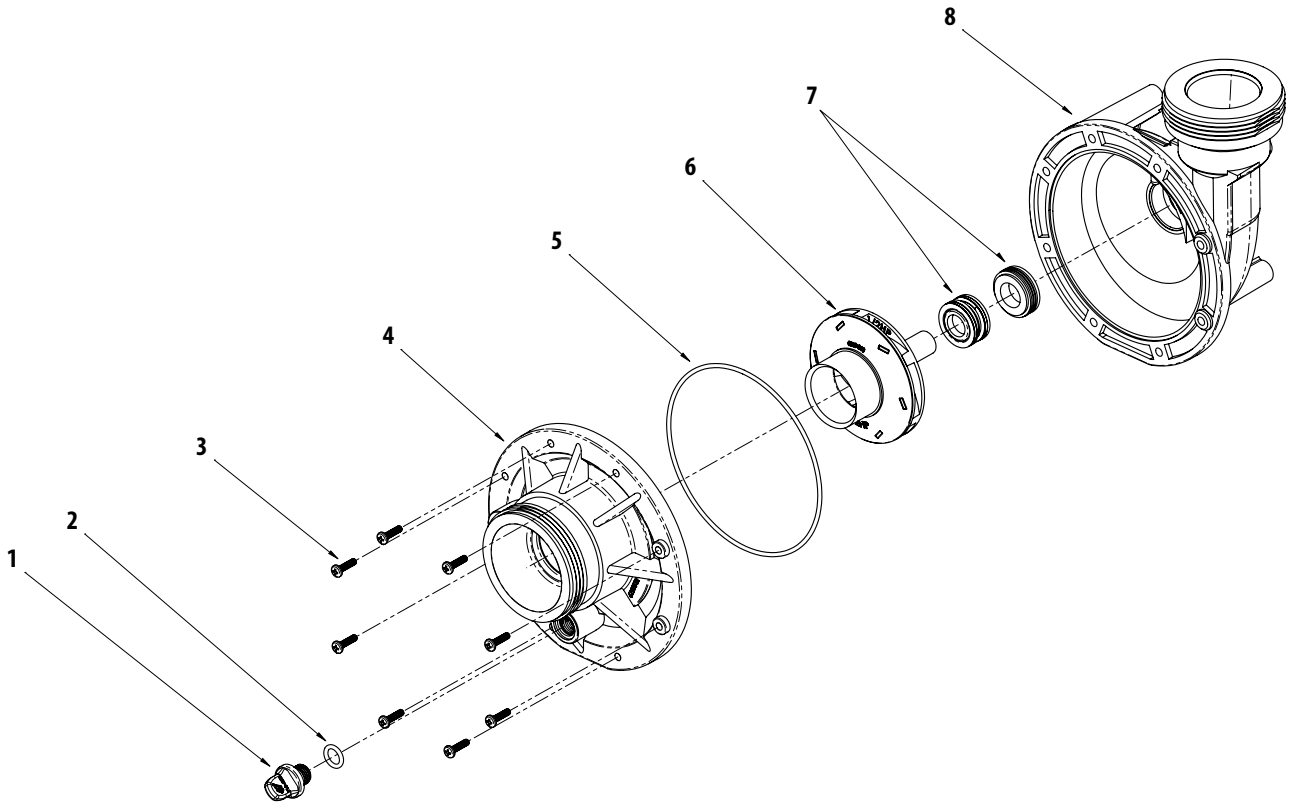
Spa Flo II Wet End Replacement Parts

Item	Part No.	Description
1	**715-4020B**	Drain Plug
2	**805-0112B**	O-ring - Drain Plug
3	**819-1110B**	Screw #8 - 32 x 5/8" PPH 18 - 8
4	**311-2160B**	Faceplate 1.5"
5	**805-0158B**	O-ring Faceplate
6	**310-8000B**	½ HP Impeller Assembly
	310-8010B	¾ HP Impeller Assembly
	310-8020B	1 HP Impeller Assembly
	310-8030B	1.5 HP Impeller Assembly
	310-8040B	2 HP Impeller Assembly
7	**319-3090B**	Pump Seal Set
8	**315-2510B**	Side Discharge Volute 1.5"



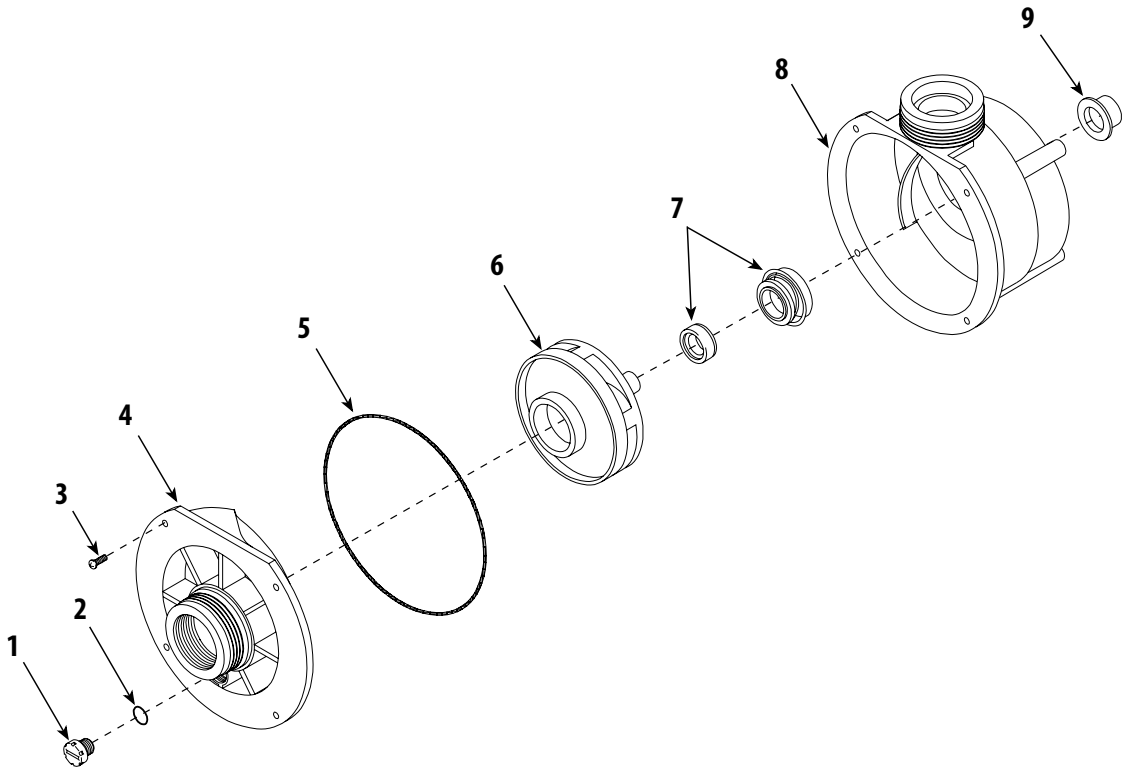
Hi-Flo Side Discharge Wet End Replacement Parts

Item	Part No.	Description
1	**715-1201B**	3/8" Quarter Slot Drain Plug
2	**805-0112B**	O-Ring - Pump Drain Plug
3	**819-1110B**	Screw
4	**311-2140B**	2" Intake Faceplate
5	**805-0256B**	O-Ring - Faceplate
6	**319-1390B**	Wear Ring
7	**310-4000B**	1 HP Impeller "C" Assembly
	310-4010B	1 ½ HP Impeller "D" Assembly
	310-4030B	2 HP Impeller Assembly
	310-4020B	3 HP Impeller Assembly
	310-4050B	4 HP Impeller Assembly
8	**319-3100B**	Pump Seal Kit
9	**315-2500B**	Side Discharge Volute with Inserts
10	**313-1400B**	Slinger

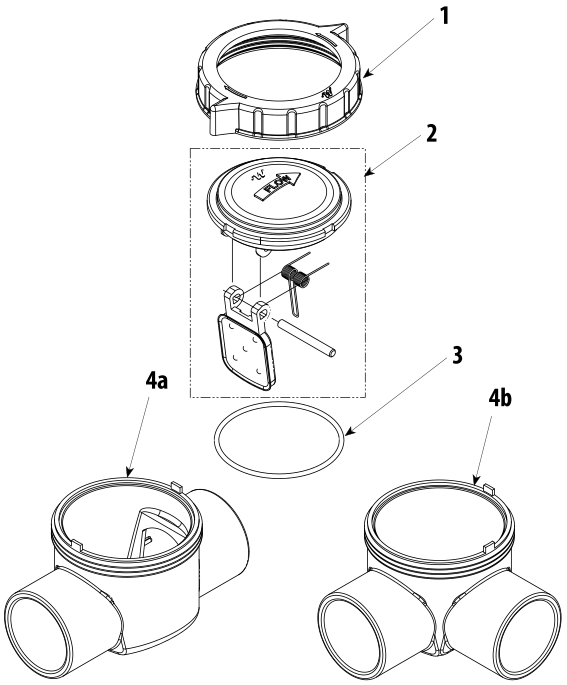


Hi-Flo II Side Discharge Wet End Replacement Parts

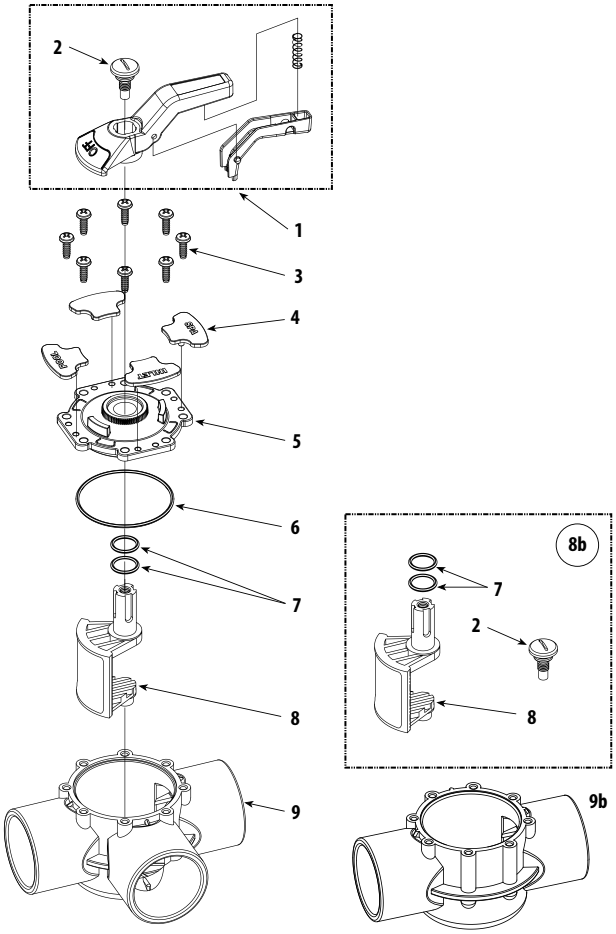
Item	Part No.	Description
1	**715-4020B**	Drain Plug
2	**805-0112B**	O-ring - Drain Plug
3	**819-1110B**	Screw #8 - 32 x 5/8" PPH 18 - 8
4	**311-2170B**	Faceplate 2"
5	**805-0158B**	O-ring Faceplate
6	**310-8000B**	½ HP Impeller Assembly
	310-8010B	¾ HP Impeller Assembly
	310-8020B	1 HP Impeller Assembly
	310-8030B	1.5 HP Impeller Assembly
	310-8040B	2 HP Impeller Assembly
7	**319-3090B**	Pump Seal Set
8	**315-2520B**	Side Discharge Volute 2"



Center Discharge Wet End Replacement Parts		
Item	Part No.	Description
1	715-1201B	3/8" Quarter Slot Drain Plug
2	805-0112B	O-Ring - Pump Drain Plug
3	819-1110B	Screw #8-32
4	311-1110B	Faceplate - Spa Series
5	805-0252B	O-Ring - Faceplate
6	310-5120B	¾ HP Impeller Assembly
	310-5130B	1 HP Impeller Assembly
	310-5140B	1 ½ HP Impeller Assembly
	310-5200B	2 HP Impeller Assembly
7	319-3100B	Pump Seal Kit
8	315-1120B	Spa & Bath Volute
9	313-1400B	Slinger



TruSeal Serviceable Check Valve



TruSeal Diverter Valve

TruSeal Serviceable Check Valve Replacement Parts

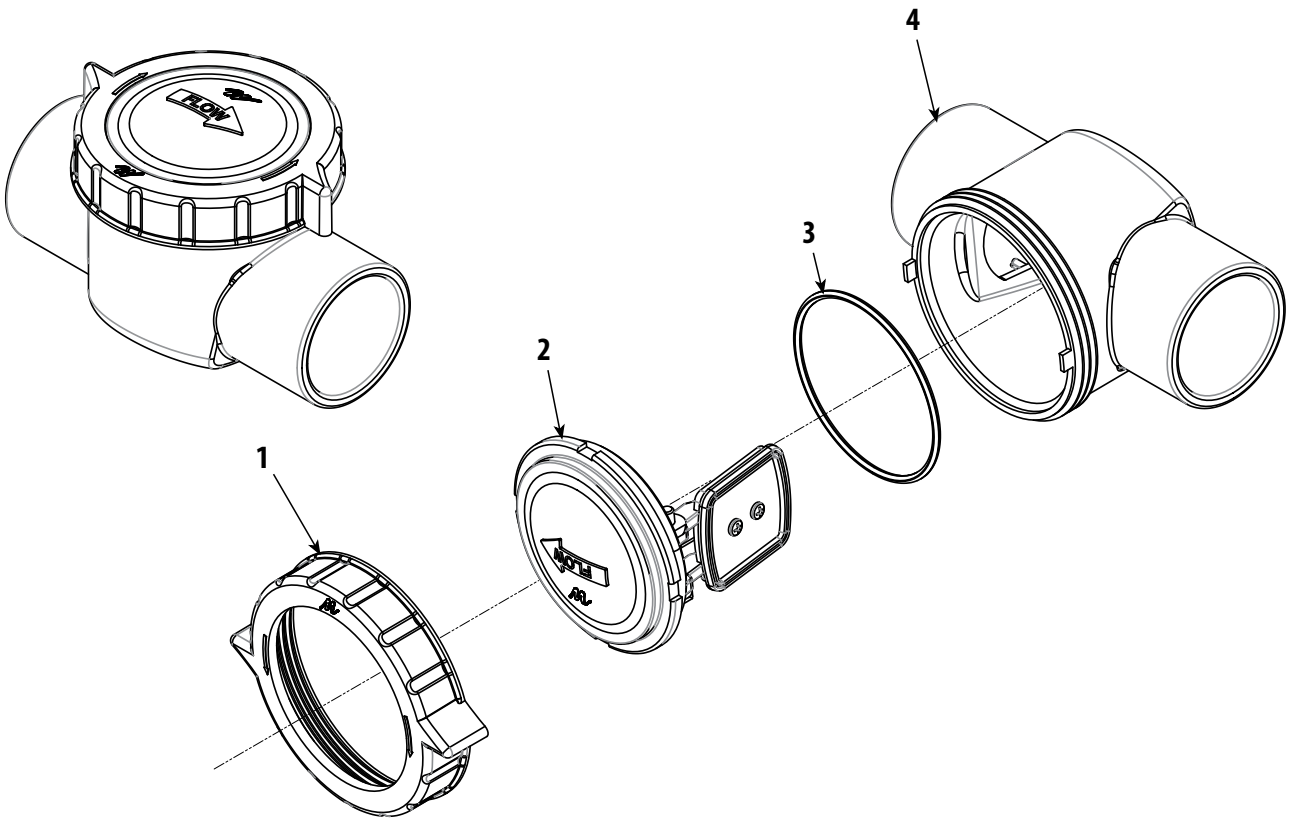
Item	Part No.	Description
1	**718-7027B**	Nut
2	**600-7300B**	Lid Assembly
3	**805-0239B**	O-Ring - Lid
4a	**602-7070B**	Valve Body
4b	**602-7000B**	Ell Valve Body

TruSeal Diverter Valve Replacement Parts

Item	Part No.	Description
1	**600-7171B**	Handle Assembly *(sold as Assembly Only)*
2	**715-1307B**	Screw - Handle
3	**819-0025B**	Screw - 14 & ¾" Phil Pan.
4	**600-7180B**	Flow Label Assembly
5	**602-7251B**	Lid
6	**805-0151B**	O-Ring - Lid
7	**805-0116EPB**	O-Ring *(2 required per Valve)*
8	**602-7140B**	Diverter Arm
8b	**600-7160B**	Diverter Kit
9	**602-7200B**	Body
9b	**602-7071B**	Body Straight 1 1/2" spg
-	**602-7011B**	Body Straight 2 1/2" spg

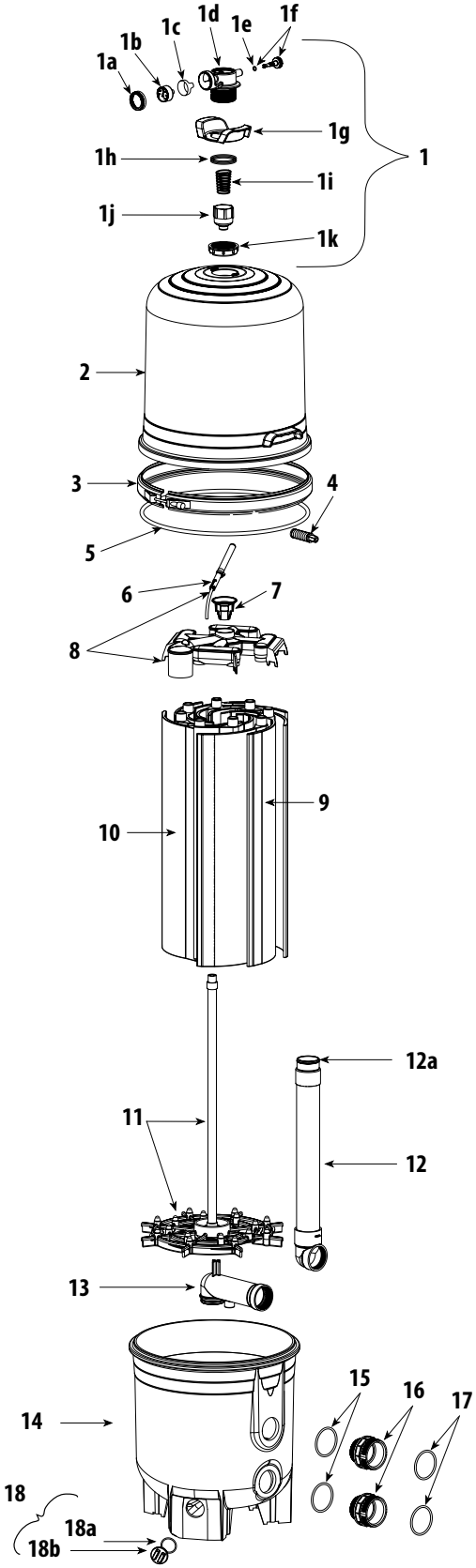


Notes



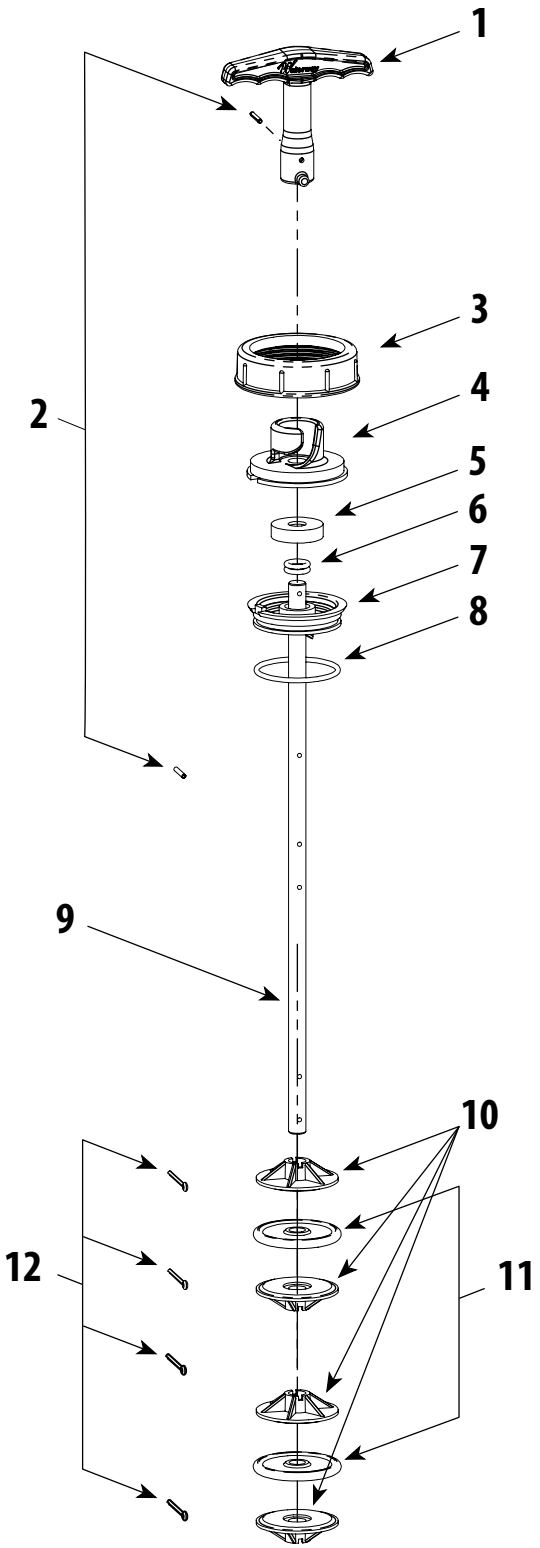
TruSeal 3" Check Valve Replacement Parts

Item	Part No.	Description
1	**718-7031-CPVCB**	Threading Nut
2	**605-0111B**	Lid and Flapper Assembly
3	**805-0241B**	O-Ring, #2-241, 3.859 I.D x 4.137 O.D. x .139 W
4	**602-0121B**	Body, Check Valve, 2.5 S/3" SPG x 2.5 S/3" SPG


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1c
1d
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1f
1g
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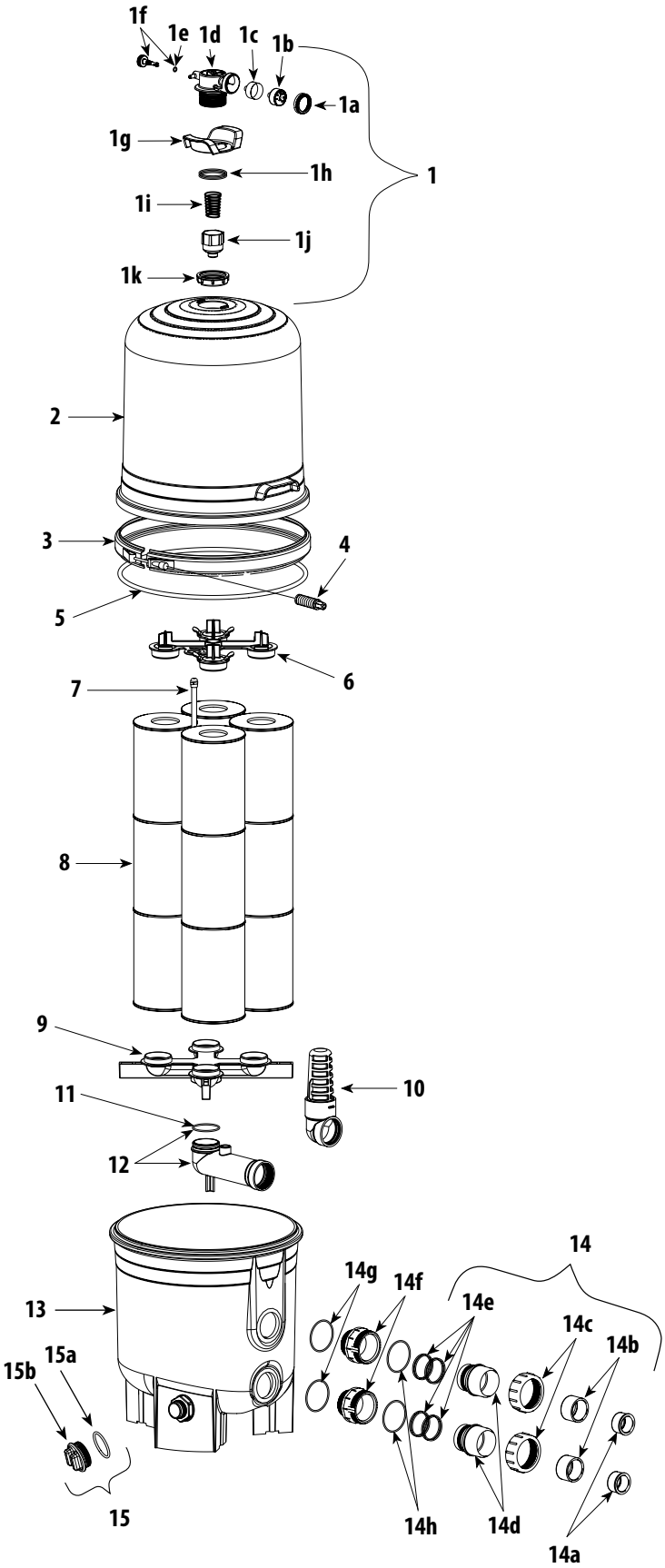
Crystal Water D.E. Filter Replacement Parts

Item	Part No.	Description
1	**550-4230B**	Pressure Relief Valve Assembly
1a	**600-4101B**	Bezel Assembly - Pressure Gauge
1b	**830-4000SSB**	Pressure Gauge
1c	**711-1670B**	Rubber Boot - Pressure Gauge
1d	**519-4281B**	Air Relief Valve Body
1e	**805-0110B**	O-Ring - ½" Air Control
1f	**550-4240B**	Pressure Relief Screw with O-Ring
1g	**602-4201B**	Handle - Air Relief Valve
1h	**805-0233B**	O-Ring - Filter Handle (2 required)
1i	**827-8150B**	Spring - Water Bypass Valve
1j	**519-4370B**	Plunger
1k	**718-4201B**	Air Relief Valve Nut
2	**550-4450B**	Filter Lid with D.E. Crystal Water Filter Labels - 36 sq. ft.
	550-4430B	Filter Lid with D.E. Crystal Water Filter Labels - 48 sq. ft.
	550-4440B	Filter Lid with D.E. Crystal Water Filter Labels - 60 sq. ft.
3	**550-4260B**	Metal Clamp with Clamp Spring Assembly
4	**550-4250B**	Clamp Spring Assembly
5	**805-0000B**	O-Ring - Main Body
6	**550-4320B**	Air Relief Assembly
7	**718-4320B**	Manifold Nut
8	**550-4200B**	D.E. Manifold Assembly with Air Relief Assembly
--	**550-4110B**	D.E. Grid and Manifold Assembly with Air Relief Assembly - 36 sq. ft.
--	**550-4120B**	D.E. Grid and Manifold Assembly with Air Relief Assembly - 48 sq. ft.
--	**550-4130B**	D.E. Grid and Manifold Assembly with Air Relief Assembly - 60 sq. ft.
9	**818-3940B**	D.E. Short Grid with Mesh Assembly - 36 sq. ft.
	818-3900B	D.E. Short Grid with Mesh Assembly - 48 sq. ft.
	818-3920B	D.E. Short Grid with Mesh Assembly - 60 sq. ft.
10	**818-3950B**	D.E. Full Grid with Mesh Assembly - 36 sq. ft.
	818-3910B	D.E. Full Grid with Mesh Assembly - 48 sq. ft.
	818-3930B	D.E. Full Grid with Mesh Assembly - 60 sq. ft.
11	**550-4380B**	D.E. Grid Support Assembly with 20" PVC Shaft - 36 sq. ft.
	550-4310B	D.E. Grid Support Assembly with 26" PVC Shaft - 48 sq. ft.
	550-4350B	D.E. Grid Support Assembly with 32" PVC Shaft - 60 sq. ft.
12	**550-4390B**	2 ½" Outlet Elbow Assembly - 36 sq. ft. D.E. Filter
	550-4220B	2 ½" Outlet Elbow Assembly - 48 sq. ft. D.E. Filter
	550-4210B	2 ½" Outlet Elbow Assembly - 60 sq. ft. D.E. Filter
12a	**805-0145B**	O-Ring - 2" Tailpiece
13	**550-4410B**	Long Elbow Fitting - 2 ½" diameter
14	**515-4207B**	Filter Body Base
15	**805-0339B**	O-Ring (2 required)
16	**419-4201B**	2 ½" Bulkhead Fitting (2 required)
17	**711-4200B**	2 ½" Beveled Gasket (2 required)
18	**400-6621B**	Drain Assembly *(New Style)*
18a	**805-0224B**	Drain O-Ring (224) *(New Style)*
18b	**715-6611B**	Drain Plug - 1 ½" MPT *(New Style)*
--	**500-5310B**	Drain Assembly (Plug, O-Rings, Base Fitting) *(Old Style 2 - not shown)*
--	**400-6601B**	Drain Plug with O-Ring *(Old Style 2 - not shown)*


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Slide Valve Internals Replacement Parts

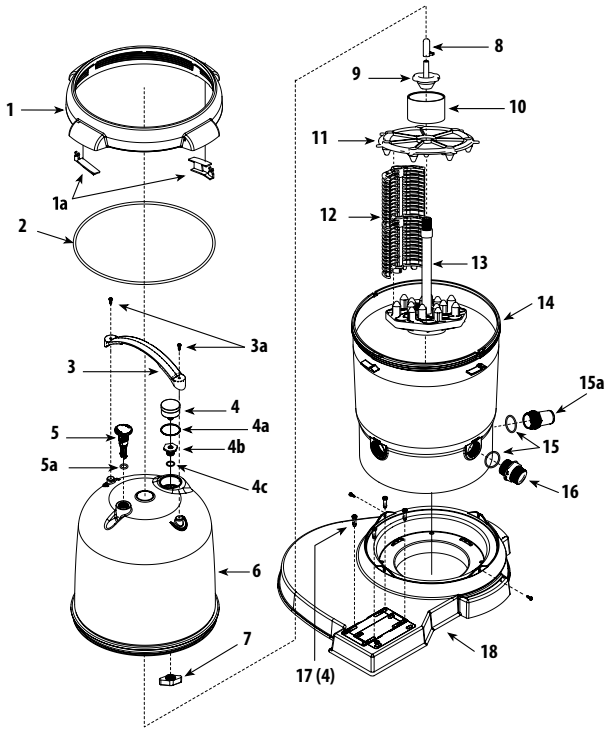
Item	Part No.	Description
1	**505-1010B**	Handle
2	**802-0009B**	Split Pin - Qty. 2
3	**415-5091-CPVCB**	2" Nut
4	**505-1020B**	Indexing Cap
5	**505-1040B**	O-Ring Cap
6	**805-0206B**	New O-Ring
7	**505-1030B**	Washer
8	**805-0228B**	New O-Ring
9	**820-1050B**	Piston Rod
10	**505-1060B**	Piston O-Ring Housing - Qty. 4
11	**806-1000B**	Gasket O-Ring - Qty. 2
12	**802-1050B**	1/8" Cotter Pin, 1.5" Long - Qty. 4


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Crystal Water Cartridge Filter Replacement Parts

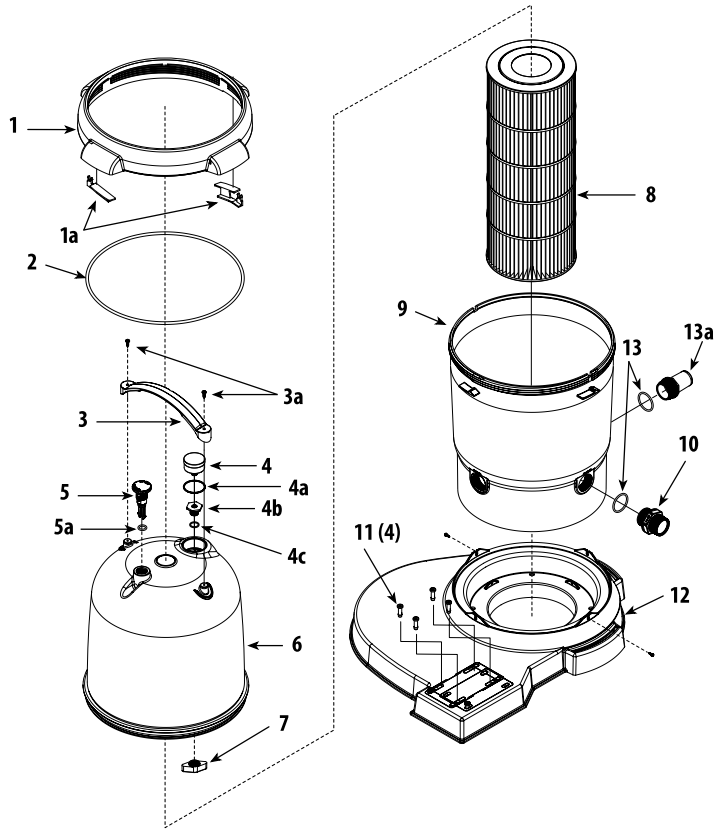
Item	Part No.	Description
1	**550-4230B**	Pressure Relief Valve Assembly
1a	**600-4101B**	Bezel Assembly - Pressure Gauge
1b	**830-4000SSB**	Pressure Gauge
1c	**711-1670B**	Rubber Boot - Pressure Gauge
1d	**519-4281B**	Air Relief Valve Body
1e	**805-0110B**	O-Ring - ½" Air Control
1f	**550-4240B**	Pressure Relief Screw with O-Ring
1g	**602-4201B**	Handle - Air Relief Valve
1h	**805-0233B**	O-Ring - Handle (2 required)
1i	**827-8150B**	Spring - Water Bypass Valve
1j	**519-4370B**	Plunger
1k	**718-4201B**	Air Relief Valve Nut
2	**550-4460B**	Filter Lid with Cartridge Crystal Water Filter Labels - 325 sq. ft.
	550-4470B	Filter Lid with Cartridge Crystal Water Filter Labels - 425 sq. ft.
	550-4480B	Filter Lid with Cartridge Crystal Water Filter Labels - 525 sq. ft.
3	**550-4780B**	Metal Clamp with Clamp Spring Assembly
4	**550-4250B**	Clamp Spring Assembly
5	**805-0000B**	O-Ring - Main Body
6	**519-4320B**	Cartridge Manifold Plug
7	**550-4370B**	Air Relief Assembly with Tube - 325 sq. ft.
	550-4340B	Air Relief Assembly with Tube - 425 sq. ft.
	550-4330B	Air Relief Assembly with Tube - 525 sq. ft.
8	**817-0081B**	Cartridge - 325 sq. ft. - 7" OD x 20" L (4 required)
	817-0106B	Cartridge - 425 sq. ft. - 7" OD x 26 1/16" L (4 required)
	817-0131B	Cartridge - 525 sq. ft. - 7" OD x 32 1/16" L (4 required)
9	**550-4300B**	Cartridge Manifold Assembly
10	**550-4500B**	Intake Diffuser Assembly
11	**805-0230B**	O-Ring
12	**550-4360B**	Long Elbow with Venturi Air Bleeder and O-Ring
13	**550-4400B**	Filter Body with Labels
14	**400-9974B**	Fittings Pack - Fitting Nuts, O-Ring, 2 ½" to 2" Reducers
14a	**421-4071B**	Reducer - 1 ½" to 2"
14b	**421-4201B**	Reducer - 2 ½" to 2"
14c	**415-4211B**	2 ½" Union Nut (2 required)
14d	**417-2201B**	2 ½" Tailpiece with Piston O-Ring Groove (2 required)
14e	**805-0232B**	O-Ring - 2 ½" Union (4 required - 2 for each Bulkhead)
14f	**419-4201B**	2 ½" Bulkhead Coupler (2 required)
14g	**805-0339B**	O-Ring (2 required)
14h	**711-4200B**	2 ½" Beveled Gasket (2 required)
15	**400-6621B**	Drain Assembly *(New Style)*
15a	**805-0224B**	Drain O-Ring (224) *(New Style)*
15b	**715-6611B**	Drain Plug - 1 ½" MPT *(New Style)*
--	**500-5310B**	Drain Assembly (Plug, O-Rings, Base Fitting) *(Old Style 2 - not shown)*
--	**400-6601B**	Drain Plug with O-Ring *(Old Style 2 - not shown)*
--	**400-6610B**	Drain Elbow Assembly *(Old Style 1 - not shown)*

Replacement Parts / **ClearWater II D.E. Filter**



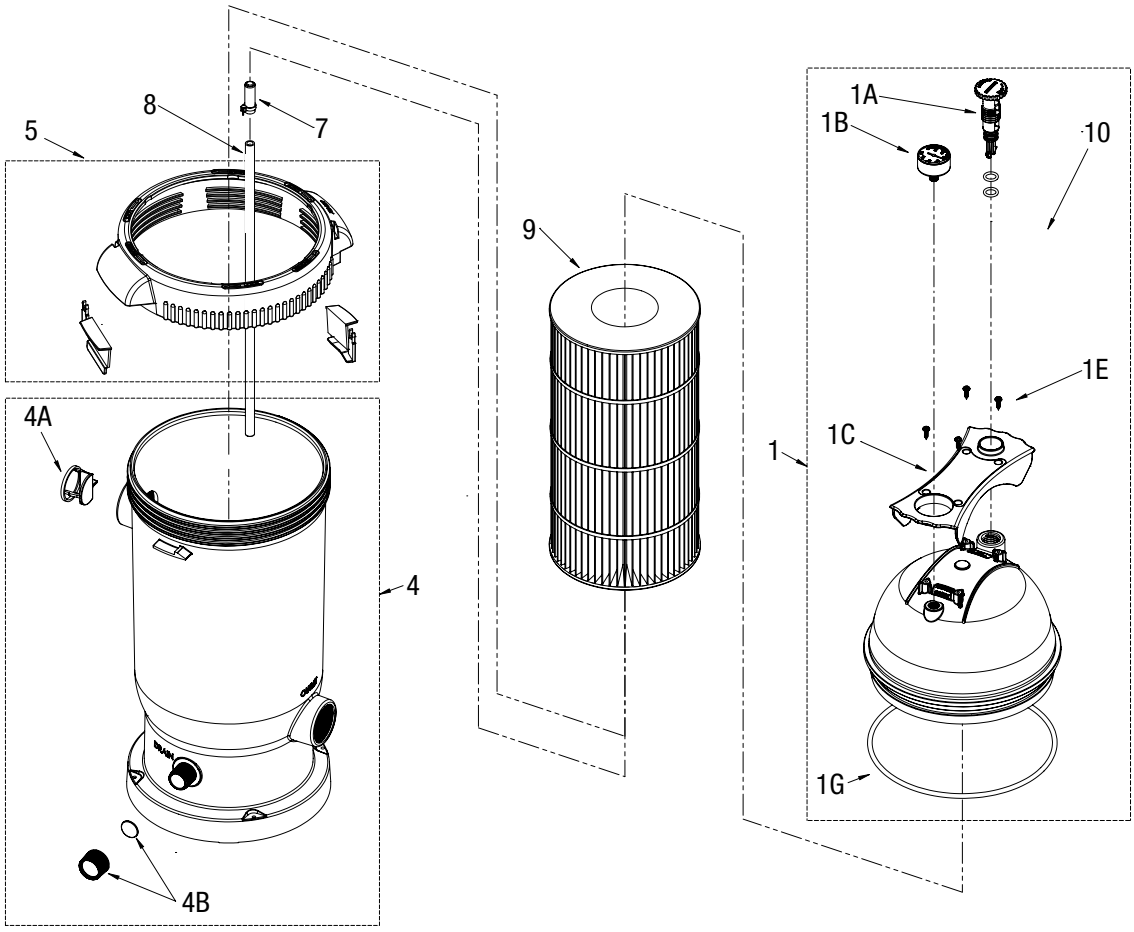
ClearWater II D.E. Filter Replacement Parts

Item	Part No.	Description
1	550-7500B	Filter Nut Assembly
1a	519-7420B	Lock Tab - Clearwater II Filter - Extended Arms
2	805-0460B	O-Ring - Lid
3	519-7601B	Handle - Lid
3a	819-9002B	Screw #12 x ¾" Stainless Steel Phillips Head
4	830-4000SSB	Pressure Gauge
4a	805-0224B	O-Ring - Gauge
4b	519-7431B	Pressure Gauge Adapter
4c	805-0117SDB	O-Ring - Pressure Gauge Adapter
5	602-0201B	Air Relief Knob
5a	805-0207B	O-Ring - Air Relief Valve
6	519-7410B	Lid Assembly *(Small)*
	519-7400B	Lid Assembly *(Large)*
7	519-7441B	Gauge Lock-Nut
8	500-7310B	Screen/Sock Assembly with Clamp
9	718-7219B	Tie Nut
10	519-7491B	Sleeve
11	519-7269B	Grid Locator
12	550-7210B	D.E. Replacement Grid (44 GPM) (set of 7 included)
	550-7220B	D.E. Replacement Grid (67 GPM) (set of 7 included)
13	550-7100B	Base Assembly – 12 sq. ft. (44 GPM)
	550-7120B	Base Assembly – 18 sq. ft. (67 GPM)
14	515-7250B	Filter Body
15	805-0224B	O-Ring
15a	417-6241B	Hose Adapter - 1-1/2" MPT x 1-1/2" hose
16	500-5300B	Drain Assembly
17	429-7221B	Snap Pin Base Fasteners (4 required)
18	672-7401B	ClearWater II Base
--	519-7470B	Lid Removal Tool

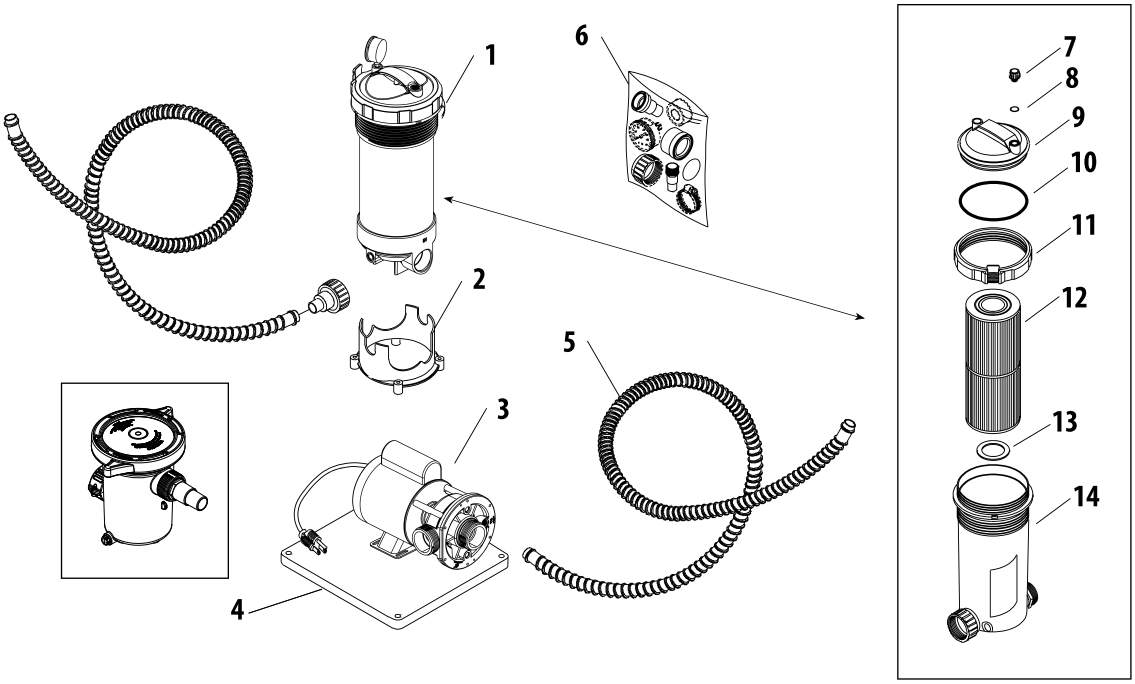


ClearWater II Cartridge Filter Replacement Parts

Item	Part No.	Description
1	550-7500B	Filter Locknut Assembly
1a	519-7420B	Lock Tab - Clearwater II Filter - Extended Arms
2	805-0460B	O-Ring - Lid
3	519-7601B	Handle - Lid
3a	819-9002B	Screw #12 x ¾" Stainless Steel Phillips Head
4	830-4000SSB	Pressure Gauge
4a	805-0136B	O-Ring - Air Relief
4b	519-7431B	Pressure Gauge Adapter
4c	805-0116EPB	O-Ring - Adapter
5	602-0201B	Air Relief Knob
5a	805-0207B	O-Ring - Air Relief Valve
6	519-7410B	Lid Assembly *(Small)*
	519-7400B	Lid Assembly *(Large)*
7	519-7441B	Gauge Lock-Nut
8	817-0075PB	Filter Cartridge - 75 sq. ft. - 8 15/16" OD x 17 3/8" L
	817-0100PB	Filter Cartridge - 100 sq. ft. - 8 15/16" OD x 17 3/8" L
	817-0125NB	Filter Cartridge - 125 sq. ft. - 8 15/16" OD x 23 5/16" L
	817-0150NB	Filter Cartridge - 150 sq. ft. - 8 15/16" OD x 23 5/16" L
	817-0200NB	Filter Cartridge - 200 sq. ft. - 8 15/16" OD x 23 5/16" L
9	515-7250B	Filter Body
10	500-5300B	Drain Assembly
11	429-7221B	Snap Pin Base Fasteners (4 required)
12	672-7401B	ClearWater II Base
13	805-0224B	O-Ring
13a	417-6241B	Hose Adapter - 1-1/2" MPT x 1-1/2" hose
--	519-7470B	Lid Removal Tool



ProClean Plus Cartridge Filter Replacement Parts		
Item	Part No.	Description
1	**550-0611**	Filter Lid & Handle Assembly – 75 - 100 sq. ft. (includes #1A - 1G)
	550-0621	Filter Lid & Handle Assembly – 125 - 150 sq. ft. (includes #1A - 1G)
	550-0631	Filter Lid & Handle Assembly – 175 - 200 sq. ft. (includes #1A - 1G)
4	**550-0601B**	Filter Body & Lock ring Assy (includes #4A-4B)
5	**550-0701B**	Lock Ring Assembly
7	**500-7310B**	Screen/Sock with Clamp Assy
8	**872-4000EB**	Air Bleed Tube - 75 / 100 sq. ft.
	872-4000LB	Air Bleed Tube - 125 / 150 sq. ft.
	872-4000FB	Air Bleed Tube - 175 / 200 sq. ft.
9	**817-0075PB**	Filter Cartridge - 75 sq. ft.
	817-0100PB	Filter Cartridge - 100 sq. ft.
	817-0125PB	Filter Cartridge - 125 sq. ft.
	817-0150PB	Filter Cartridge - 150 sq. ft.
	817-0175PB	Filter Cartridge - 175 sq. ft.
	817-0200PB	Filter Cartridge - 200 sq. ft.



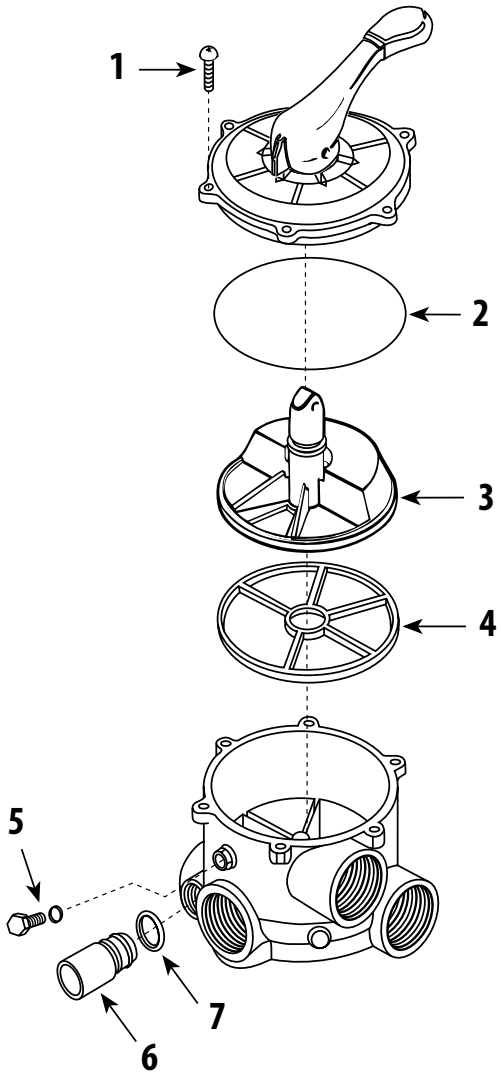
TWM Filter Package Replacement Parts

Item	Part No.	Description
1	**500-2515B**	Top Load Filter with Union - 25 sq. ft.
	500-5015B	Top Load Filter with Union - 50 sq. ft.
2	**672-1051B**	Filter Mount Base
3	**--**	Pump *(see Center Discharge Pumps, page 21)*
4	**672-1010B**	Base - 1" x 14 ½" x 15"
5	**872-9002B**	Corrugated Hose - 1 ½" x 6 ft.
6	**400-9900B**	Fitting Package *(see below for package contents)*
7	**715-1001B**	Air Relief Plug
8	**805-0114B**	O-Ring - Air Relief Plug
9	**550-5100DB**	Top Load Filter Lid Assembly with Plugs and O-Rings
10	**805-0360B**	O-Ring - Top Load Filter Lid
11	**500-1000B**	Lock Ring Assembly
12	**817-5000B**	Top Load Filter Cartridge - 50 sq. ft. - 4 15/16" OD x 13 5/16" L
	817-2500B	Top Load Filter Cartridge - 25 sq. ft. - 4 15/16" OD x 13 5/16" L
13	**711-1010B**	Spacer Ring
14	**550-2515B**	Filter Body Assembly - 25 & 50 sq. ft.
15	**310-5400B**	6" Leaf Trap 1 1/2" x 1 1/2"

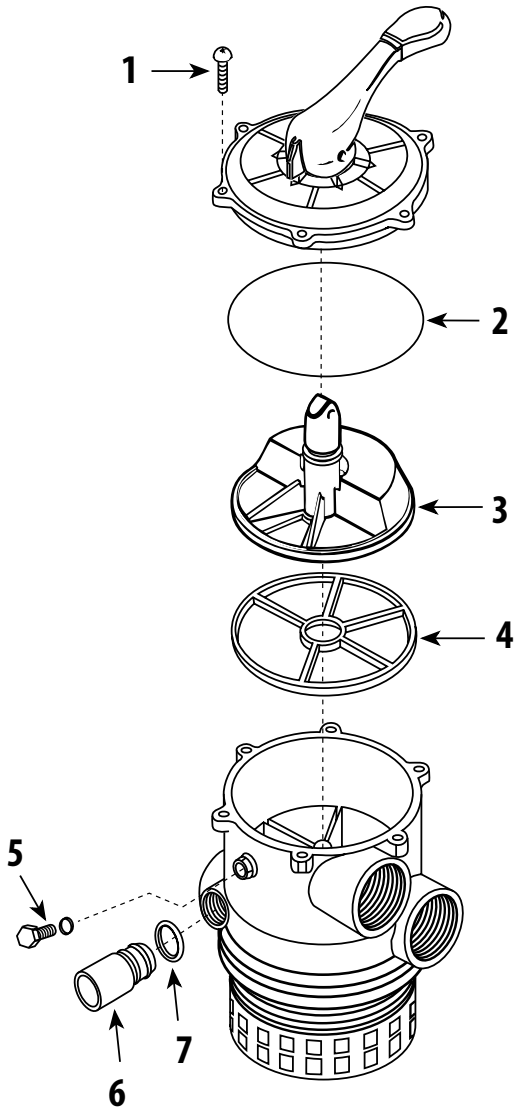
Fittings Package Contents (Item 6)

Item	Part No.	Description
--	**830-3000B**	Pressure Gauge
--	**872-0011B**	2 ½" Hose Clamp (4 required)
--	**902-2000B**	Teflon Tape - ½" x 260" roll
--	**417-4001B**	Tailpiece - 1 ½" S
--	**417-6041B**	Hose Adapter Fitting - 1 ½" TP - 1 ½" x 1 ¼" H
--	**415-4001B**	1 ½" Union Nut
--	**805-0226B**	O-Ring (2 required)
--	**417-6061B**	Hose Adapter Fitting - 1 ½" MPT x 1 ¼" Hose

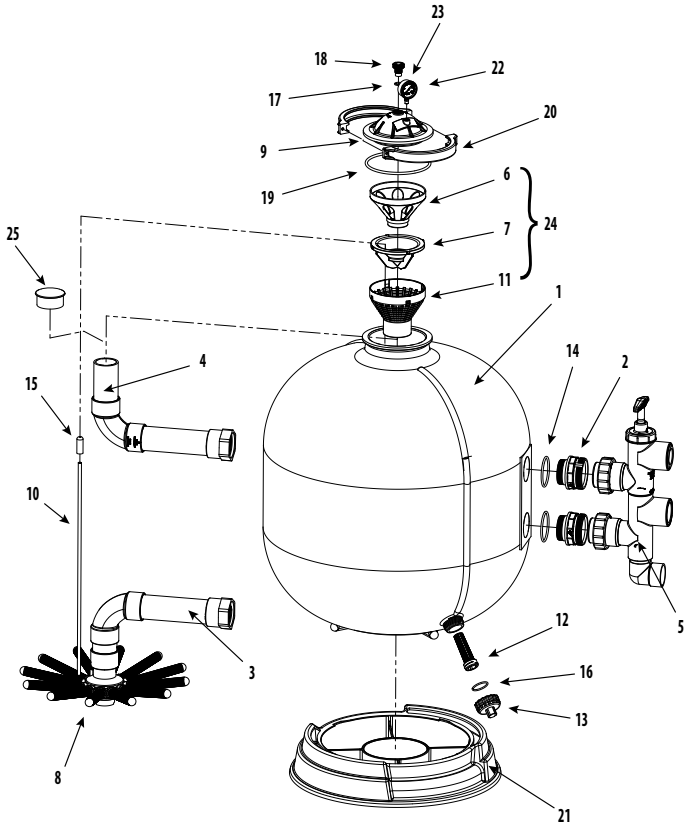
SIDE MOUNT



TOP MOUNT



SmartClean Sand and Crystal Water D.E. Multi-Port Valve Replacement Parts			
Item	Part No.	Description	Valve Size
1	819-0010B	Screw	1 ½" and 2"
2	873-E7S2B	O-Ring - Cover	1 ½"
	805-0254B	O-Ring - Cover	2"
3	602-1910B	Diverter (Noryl)	1 ½"
	873-E1011S2B	Diverter (Noryl)	2"
4	873-E12S1B	Spider Gasket (T.P.E.)	1 ½"
	873-E12S2B	Spider Gasket (T.P.E.)	2"
5	873-E15S1B	¼" Plug	1 ½" and 2"
6	873-E17S1B	Sight Glass (Lexan)	1 ½" and 2"
7	873-E16S1B	Sight Glass Gasket	1 ½" and 2"

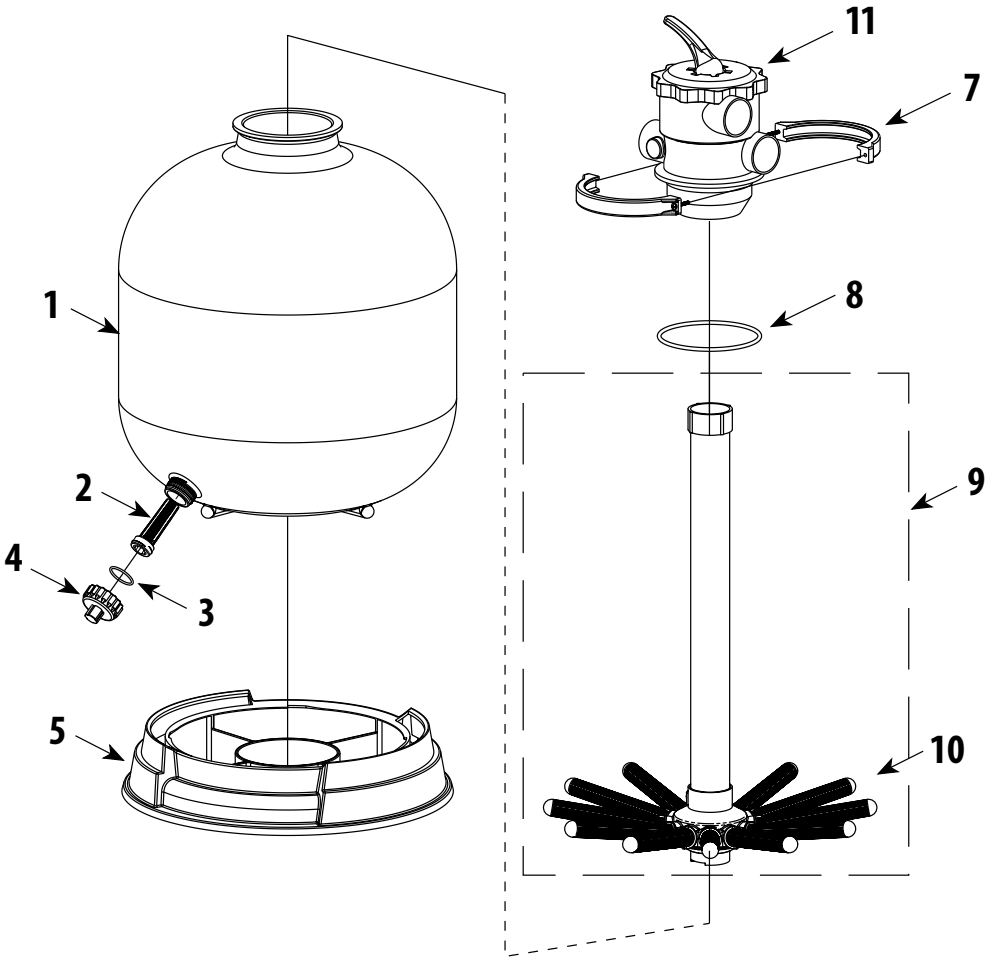


UltraClean Pro Sand Filter Replacement Parts

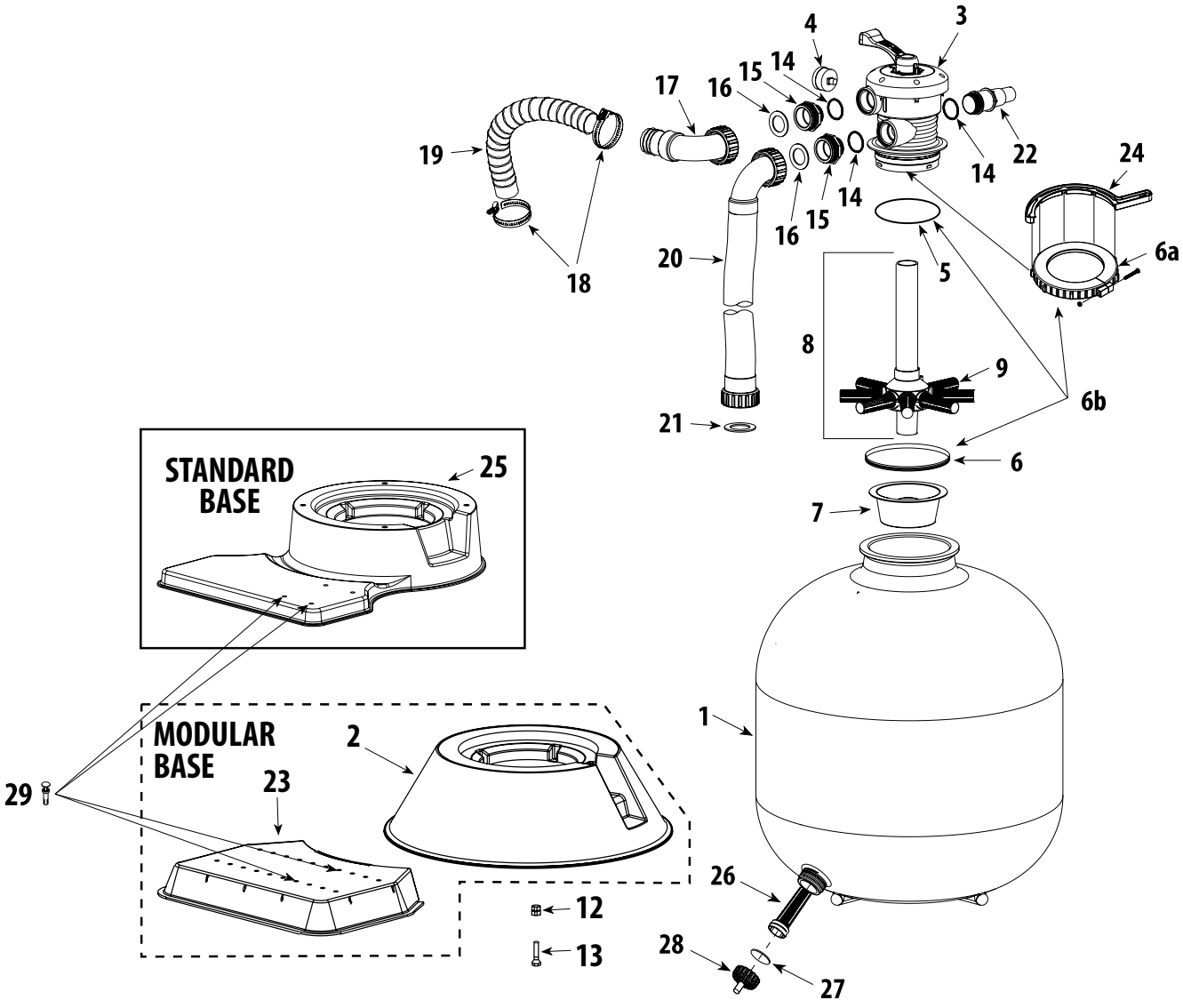
Item	Part No.	Description
1	**515-2041TB**	26" Sand Filter Body
2	**419-4201B**	2 ½" Threaded Coupler (2 required)
3	**550-5410B**	2 ½" Outlet Assembly
4	**550-5420B**	2 ½" Inlet Assembly
5	**600-1500UCPB**	2 ½" Slide Valve Assembly
6	**519-5310B**	Sand Fill Guide
7	**519-5320B**	Diffuser Disbursement Basket Cap
8	**519-5370B**	Twist-Lock Lateral (12 required)
9	**519-5301B**	Access Dome Cover
10	**872-2130DB**	Tubing - 3/8" outer diameter x 32" height
11	**519-5330SCB**	Diffuser Disbursement Basket
12	**602-5310B**	Self-Threading Drain Screen
13	**602-5301B**	Drain Screen Cap (2010 and earlier)
	602-5321B	Drain Screen Cap (new style - 2011)
14	**805-0339BN50B**	O-Ring (2 required)
15	**817-0001B**	2" Polyester Sock
16	**805-0224B**	O-Ring - Drain Screen Cap
17	**805-0116EPB**	O-Ring
18	**715-6011B**	Air Bleeder Plug
19	**805-0442B**	O-Ring - Access Dome Cover
20	**872-0046B**	Multi-Port Valve Clamp Kit with Nuts & Bolts
21	**672-5301B**	Filter Base
22	**830-3000B**	Pressure Gauge
23	**600-4101B**	Bezel Cover Assembly
24	**550-5430B**	Basket Assembly
25	**519-5421B**	Sand Fill Cap

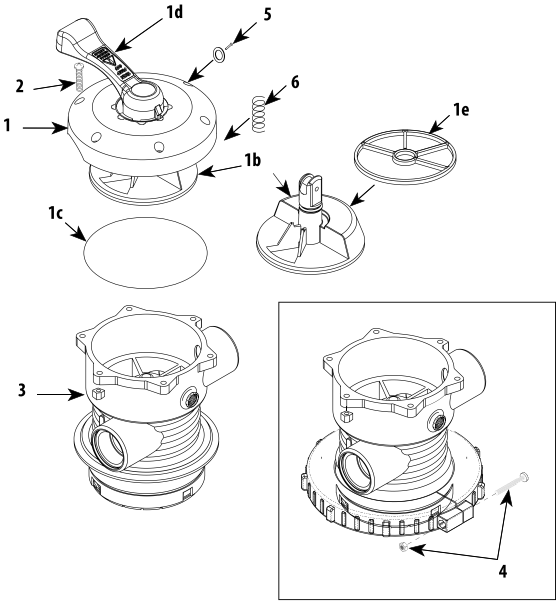


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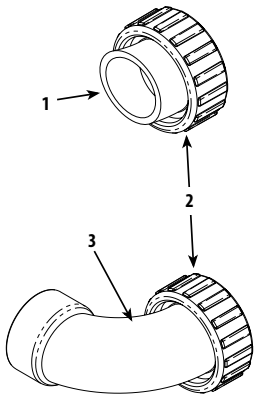


SmartClean Sand Filter -Top Mount Replacement Parts		
Item	Part No.	Description
1	**515-2041TB**	26" SmartClean Sand Filter Body
2	**602-5310B**	Self-Threading Drain Screen
3	**711-5310B**	Drain Cap Gasket
4	**602-5301B**	Drain Screen Cap (2010 and earlier)
	602-5321B	Drain Screen Cap (new style - 2011)
5	**672-5301B**	SmartClean Sand Filter Base
7	**872-0046B**	Multi-Port Valve Clamp Kit with Nuts & Bolts
8	**805-0442B**	O-Ring - Multi-Port Valve
9	**550-5340B**	Top Mount Lateral and Manifold Assembly - 26"
	550-5370B	Top Mount Lateral and Manifold Assembly - 32"
10	**519-5370B**	Lateral
11	**WVS004B**	Top Mount Clamp Style - 2" FPT





Multi-Port Valve Assembly



Hard Pump Options

Carefree Sand Filter Replacement Parts

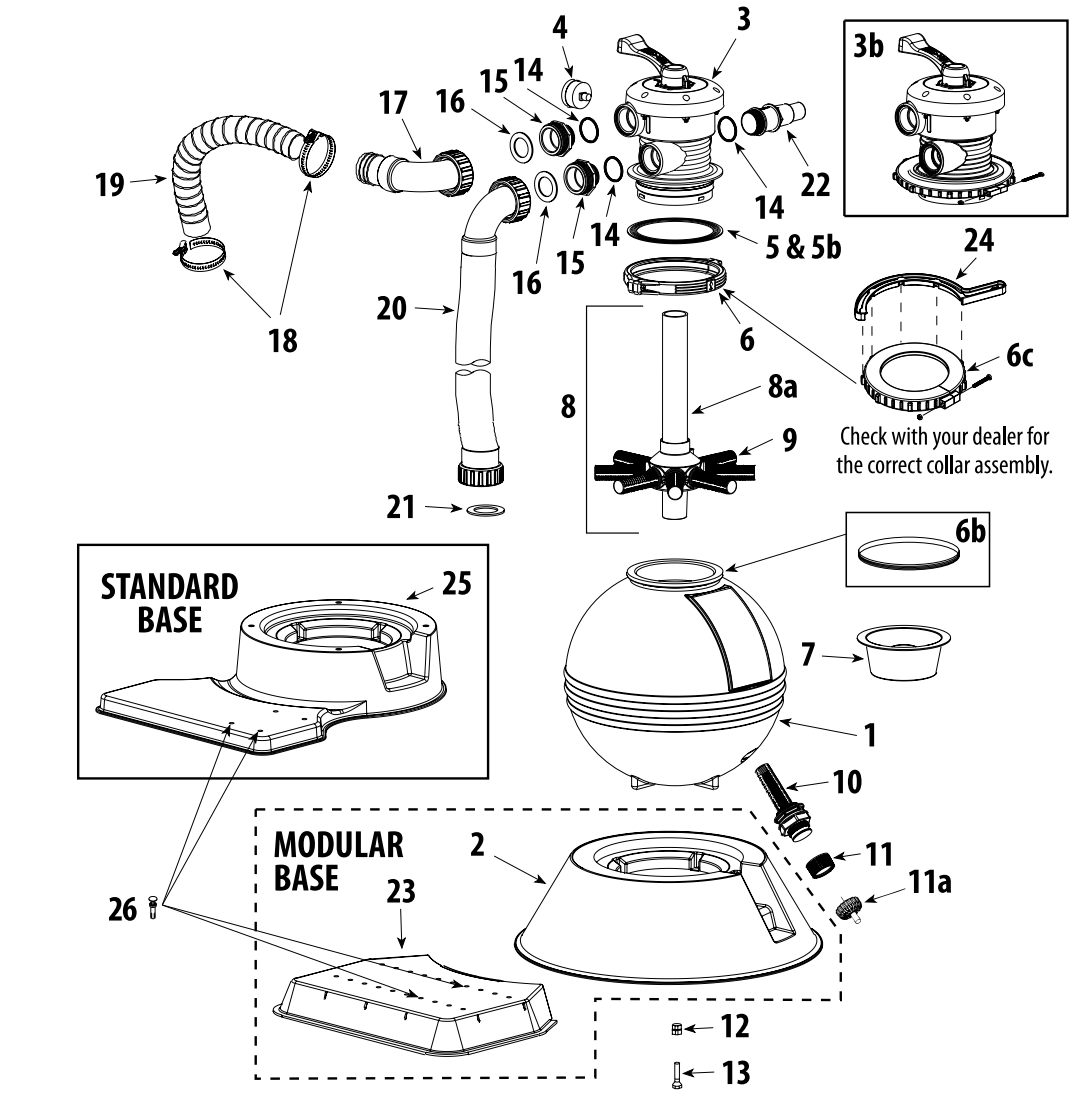
Item	Part No.	Description
1	505-0271B	16" Oval Sand Filter Body with Threaded Sleeve Assembly
	505-0281B	19" Oval Sand Filter Body with Threaded Sleeve Assembly
	505-0291B	22" Oval Sand Filter Body with Threaded Sleeve Assembly
	505-0301B	26" Oval Sand Filter Body with Threaded Sleeve Assembly
2	672-7211B	Modular Filter Base
3	WVS003B	1 ½" Multi-Port Valve Assembly - Split-Nut
4	830-3000B	Pressure Gauge
5	805-0435B	O-Ring - Multi-Port Valve
6	505-3000B	Threaded Sleeve Assembly
6a	505-3010B	Split-Nut Assembly - Multi-Port Valve
6b	505-3020B	Split-Nut Assembly - Multi-Port Valve with Thread Sleeve and O-Ring
7	502-2011B	Sand Fill Guide
8	505-2140B	Lateral and Manifold Assembly - 16" Filter
	505-2150B	Lateral and Manifold Assembly - 19" Filter
	505-2160B	Lateral and Manifold Assembly - 22" Filter
	505-2180B	Lateral and Manifold Assembly - 26" Filter
9	505-1930B	Lateral - Thread Style *(8 required)*
	519-5370B	Lateral - 22" and 26" Sand Filter *(12 required)*
10	505-2020B	Drain Assembly (2004 and earlier)
11	505-2030B	Drain Cap Assembly (2004 and earlier)
12	820-0017B	3/8" Flat Washer
13	819-0016B	3/8" Bolt -16 x 2" Hex - 22"& 26" Sand Filter
	819-0019B	3/8" Bolt -16 x 1 ½" Hex - 19" Sand Filter
	819-0020B	3/8" Bolt-16 x 1 ¼" Hex - 16" Sand Filter
14	805-0224B	O-Ring - 1 ½" Buttress x 1 ½" MPT Fitting
15	417-4161B	1 ½" Buttress x 1 ½" MPT Tailpiece
16	711-4000B	1 ½" Union Gasket
17	550-1841B	Return Sweep Assembly
18	872-0011B	Hose Clamp - Stainless Steel - 2 ½"
19	872-9002B	Corrugated Hose - Black - 1 ½" x 6 ft.
20	550-1821B	PVC Flex Hose Assembly - 19" Sand Filter
	550-1831B	PVC Flex Hose Assembly - 22" Sand Filter
	550-1833B	PVC Flex Hose Assembly - 26" Sand Filter
21	711-4010B	2" Union Gasket
22	425-1928B	Waste Adapter Fitting
23	672-7201B	Pump Base
24	505-1970B	Collar Wrench for Threaded Style Split-Nut
25	672-7241B	Standard One-Piece Base
26	602-5310B	Self-Threading Drain Screen
27	805-0224B	O-Ring - 1 ½" Heater Tailpiece
28	602-5301B	Drain Screen Cap (2010 and earlier)
	602-5321B	Drain Screen Cap (new style - 2001)
29	429-7300B	Replacement Kit Pin and Anchor Assembly (4 required)

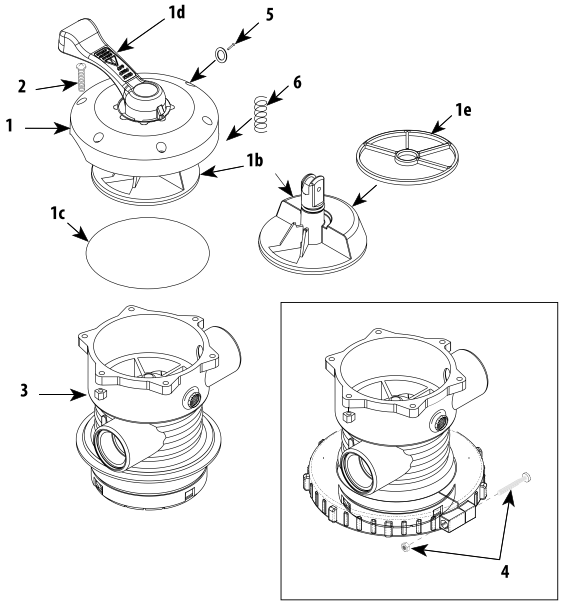
Multi-Port Valve Assembly Replacement Parts

1	600-9600B	Multi-Port Lid Assembly
1b	600-9500B	Diverter Valve Assembly with Gasket
1c	805-0254B	O-Ring - Lid
1d	602-1931B	Lid Handle Only
1e	711-1910B	Diverter Gasket (Spider) *(Note: purchasing gasket glued into diverter by factory recommended)*
2	819-0010B	Screw - Lid
3	820-0013B	Serrated Hex Nut
4	800-0100B	1 ½" Split-Nut Bolt & Nut Kit
5	800-0150B	O-Ring Kit with Pin & Washer
6	827-0002B	Spring

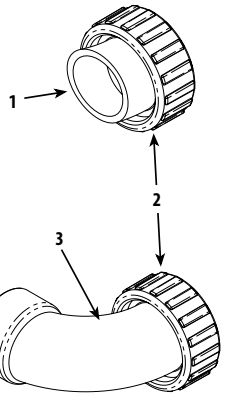
Hard Pump Options

1	400-4061B	1 ½" Socket Pump Union Assembly
2	415-4001B	1 ½" Union Nut
3	500-1901B	1 ½" Socket Return Sweep Assembly





Multi-Port Valve Assembly



Hard Pump Options

ClearWater Sand Filter Replacement Parts

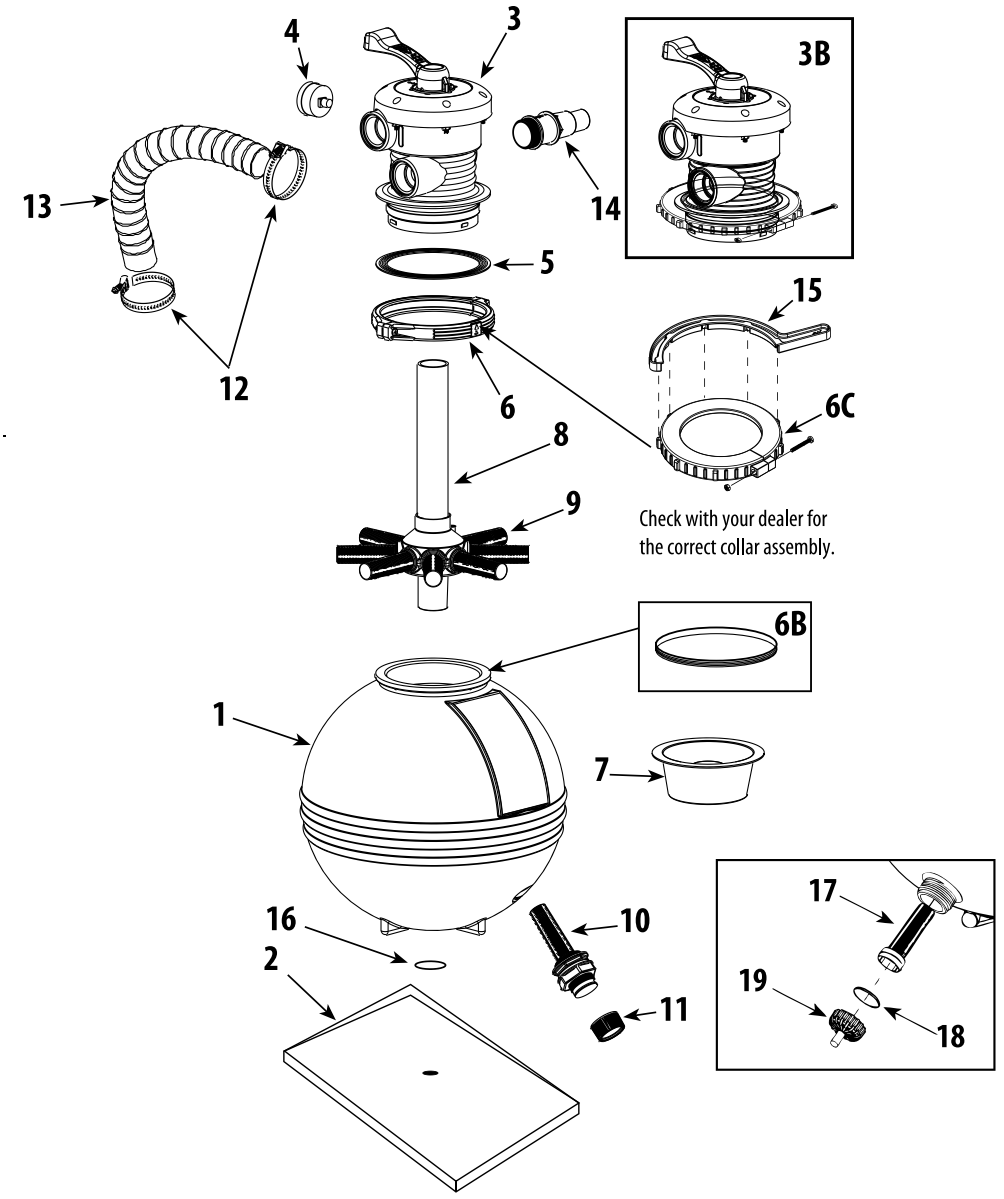
Item	Part No.	Description
1	505-0161B	16" Sand Filter Body with Threaded Sleeve Assembly
	505-0191B	19" Sand Filter Body with Threaded Sleeve Assembly
	505-0221B	22" Sand Filter Body with Threaded Sleeve Assembly
	505-0261B	26" Sand Filter Body with Threaded Sleeve Assembly
2	672-7211B	Modular Filter Base
3	WVS002B	Multi-Port Valve Assembly - Clamp Style *(2001 and Earlier)*
3b	WVS003B	Multi-Port Valve Assembly - Split-Nut Style *(2002 to Present)*
4	830-3000B	Pressure Gauge
5	711-1920B	Collar Gasket *(for Clamp Style) (2001 and Earlier)*
5b	805-0435B	O-Ring - Multi-Port Valve *(for Split-Nut Style)*
6	505-2070B	Collar Assembly - Clamp Style *(2001 and Earlier)*
6b	505-3000B	Threaded Sleeve Assembly *(2002 to Present)*
6c	505-3010B	Split-Nut Assembly *(included with WVS003)*
7	502-2011B	Sand Fill Guide
8	505-2040B	Lateral and Manifold Assembly - 16" Filter
	505-2050B	Lateral and Manifold Assembly - 19" Filter
	505-2060B	Lateral and Manifold Assembly - 22" Filter
	505-2080B	Lateral and Manifold Assembly - 26" Filter
8a	505-2240-RB	Manifold Only - 16" Filter
	505-2250-RB	Manifold Only - 19" Filter
	505-2260-RB	Manifold Only - 22" Filter
9	505-1930B	Lateral - Thread Style *(2003 and Earlier)*
	505-1950B	Lateral - Twist-Lock Style *(2004)*
10	505-2020B	Drain Assembly (2004 and earlier)
11	505-2030B	Drain Cap Assembly (2004 and earlier)
11a	602-5321B	Drain Screen Cap (new style - 2001)
12	820-0017B	3/8" Flat Washer
13	819-0016B	3/8" Bolt -16 x 2" Hex - 22" & 26" Sand Filter
	819-0019B	3/8" Bolt -16 x 1 ½" Hex - 19" Sand Filter
	819-0020B	3/8" Bolt -16 x 1 ¼" Hex - 16" Sand Filter
14	805-0224B	O-Ring - 1 ½" Buttress x 1 ½" MPT Fitting
15	417-4161B	1 ½" Buttress x 1 ½" MPT Tailpiece
16	711-4000B	1 ½" Union Gasket
17	550-1841B	Return Sweep Assembly
18	872-0011B	Hose Clamp - Stainless Steel
19	872-9002B	Corrugated Hose - Black - 1 ½" x 6 ft.
20	550-1801B	PVC Flex Hose Assembly - 16" Sand Filter
	550-1811B	PVC Flex Hose Assembly - 19" Sand Filter
	550-1821B	PVC Flex Hose Assembly - 22" Sand Filter
	550-1831B	PVC Flex Hose Assembly - 26" Sand Filter
21	711-4010B	2" Union Gasket
22	425-1928B	Waste Adapter Fitting
23	672-7201B	Pump Base
24	505-1970B	Collar Wrench for Split-Nut Threaded Style
25	672-7241B	Standard One-Piece Base
26	429-7300B	Replacement Kit Pin and Anchor Assembly (4 required)

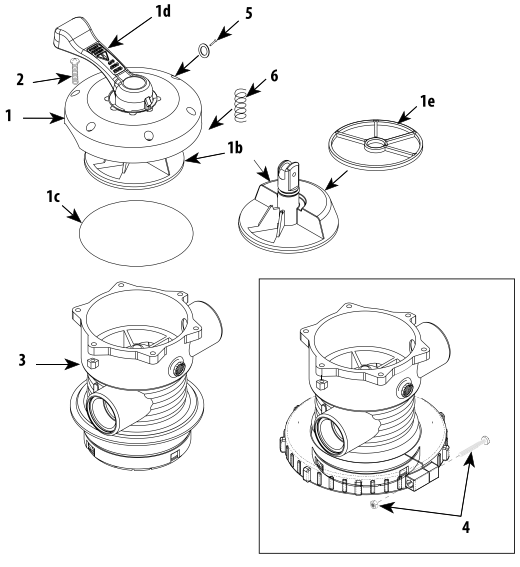
Multi-Port Valve Assembly Replacement Parts

1	600-9600B	Multi-Port Lid Assembly
1b	600-9500B	Diverter Valve Assembly with Gasket
1c	805-0254B	O-Ring - Lid
1d	602-1931B	Lid Handle Only
1e	711-1910B	Diverter Gasket (Spider) *(Note: purchasing gasket glued into diverter by factory recommended)*
2	819-0010B	Lid Screw
3	820-0013B	Serrated Hex Nut
4	800-0100B	Split-Nut Bolt and Nut Kit
5	800-0150B	O-Ring Kit with Pin and Washer
6	827-0002B	Spring

Hard Pump Options

1	400-4061B	1 ½" Socket Pump Union Assembly
2	415-4001B	1 ½" Union Nut
3	500-1901B	1 ½" Socket Return Sweep Assembly





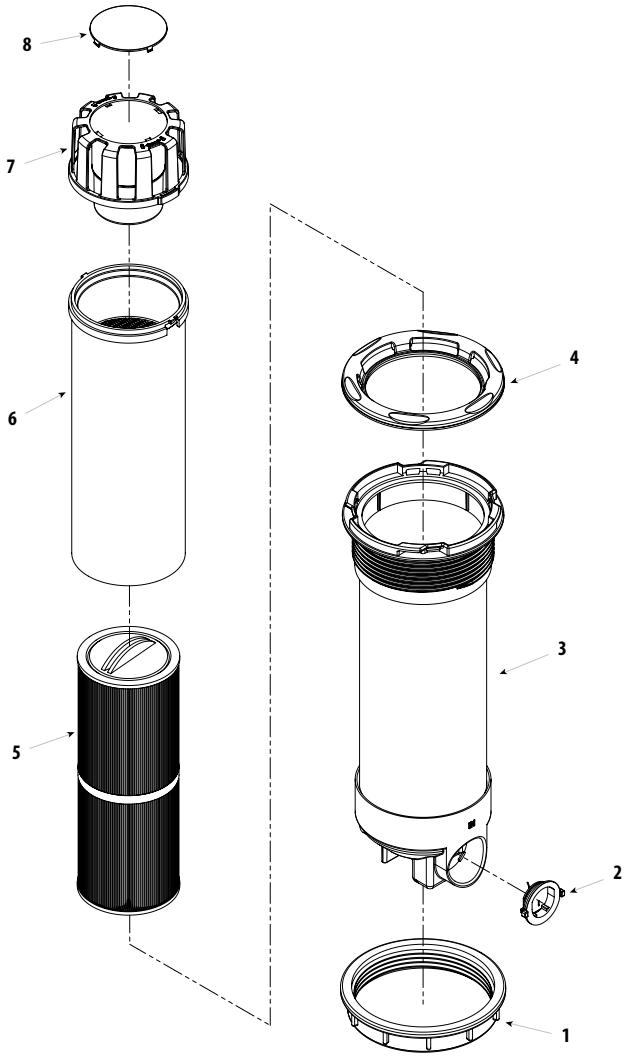
Multi-Port Valve Assembly

TWM Sand Filter Replacement Parts

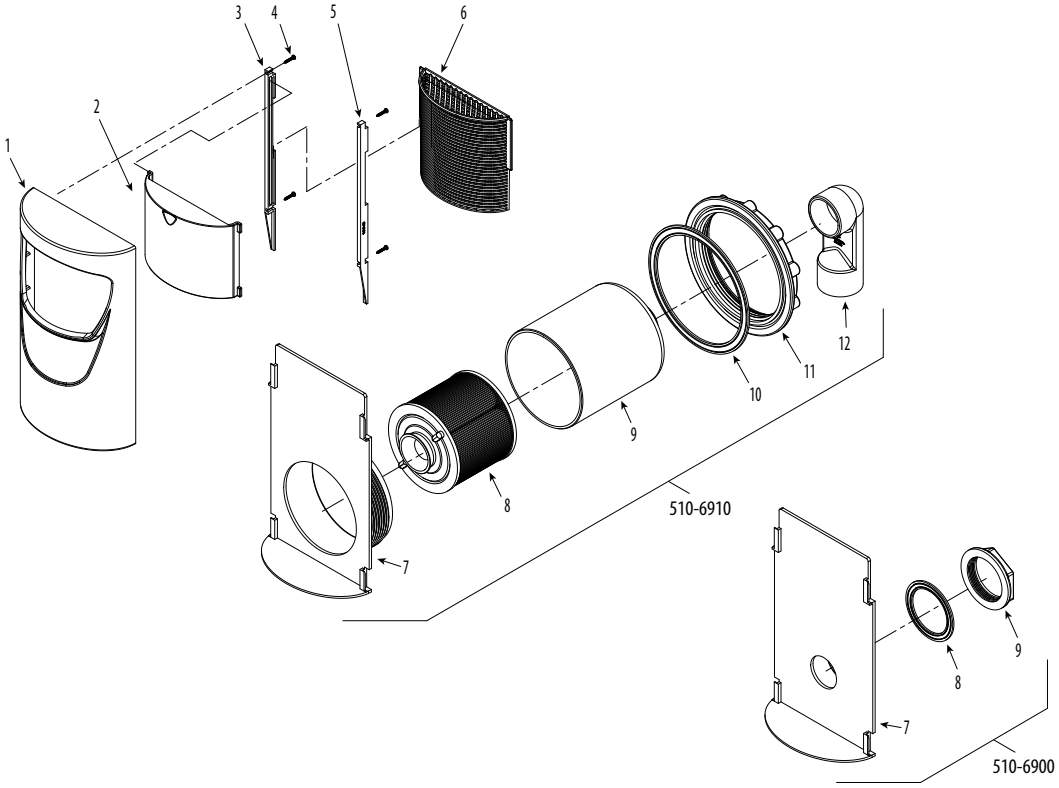
Item	Part No.	Description
1	**505-0161B**	16" Sand Filter Body with Threaded Sleeve Assembly
	505-0191B	19" Sand Filter Body with Threaded Sleeve Assembly
	505-0221B	22" Sand Filter Body with Threaded Sleeve Assembly
	505-0261B	26" Sand Filter Body with Threaded Sleeve Assembly
2	**672-1000B**	Equipment Base - 1" x 15 ¼" x 26 ¼"
3	**WVS002B**	1 ½" Multi-Port Valve Assembly - Clamp Style (2001 and Earlier)
3B	**WVS003B**	1 ½" Multi-Port Valve Assembly with Split-Nut (2002 to Present)
4	**830-3000B**	Pressure Gauge
5	**711-1920B**	Collar Gasket *(use with Clamp Style)*
6	**505-2070B**	Collar Assembly - Old Style *(2001 and Earlier)*
6B	**505-3000B**	Threaded Sleeve Assembly
6C	**505-3010B**	Multi-Port Valve Split-Nut Assembly
7	**502-2011B**	Sand Fill Guide
8	**505-2040B**	Lateral & Manifold Assembly - 16" Filter
	505-2050B	Lateral & Manifold Assembly - 19" Filter
	505-2060B	Lateral & Manifold Assembly - 22" Filter
	505-2080B	Lateral & Manifold Assembly - 26" Filter
9	**505-1930B**	Lateral - Threaded Style *(2001 and Earlier)*
	505-1950B	Lateral - Twist-Lock Style *(2003 to Present)*
10	**505-2020B**	Drain Assembly 2004 and earlier
11	**505-2030B**	Drain Cap Assembly 2004 and earlier
12	**872-0011B**	Hose Clamp - Stainless Steel - 2 ½"
13	**872-9002B**	Corrugated Hose - Black - 1 ½" x 6 ft. (2 required)
	872-9001B	Corrugated Hose - Black - 1 ½" x 3 ft. (1 required)
14	**425-1928B**	Waste Adapter Fitting
15	**505-1970B**	Collar Wrench for Split-Nut Threaded Style (optional)
16	**218-6680B**	Washer
17	**602-5310B**	Self Threading Drain Screen
18	**805-0224B**	O-Ring - 1 1/2" Heater Tailpiece
19	**602-5321B**	Drain Screen Cap (new style - 2001)

Multi-Port Valve Assembly Replacement Parts

Item	Part No.	Description
1	**600-9600B**	Multi-Port Lid Assembly
1b	**600-9500B**	Diverter Valve Assembly
1c	**805-0254B**	O-Ring - Lid
1d	**602-1931B**	Lid Handle Only
1e	**711-1910B**	Diverter Gasket (Spider) *(Note: purchasing gasket glued into diverter by factory recommended)*
2	**819-0010B**	Lid Screw
3	**820-0013B**	Serrated Hex Nut
4	**800-0100B**	1 ½" Split-Nut Bolt and Nut Kit
5	**800-0150B**	O-Ring Kit with Pin and Washer
6	**827-0002B**	Spring



Teleweir		
Item	Part No.	Description
1	**718-1000B**	Top-Mount Filter Nut
2	**600-1040B**	2" Bypass Valve
3	**550-5735-1B**	35 sq. ft. Teleweir Body Assembly
	550-5750-1B	50 sq. ft. Teleweir Body Assembly
	550-5775-1B	75 sq. ft. Teleweir Body Assembly
4	**519-8310B**	Teleweir Trim Ring - 6-Scallop
5	**817-4035B**	35 sq. ft. Teleweir Cartridge
	817-4050B	50 sq. ft. Teleweir Cartridge
	817-4075B	75 sq. ft. Teleweir Cartridge
6	**550-5835-1B**	35 sq. ft. Inner Pipe & Basket Assembly
	550-5850-1B	50 sq. ft. Inner Pipe & Basket Assembly
	550-5875-1B	75 sq. ft. Inner Pipe & Basket Assembly
7	**550-5701B**	Upper Weir Teleweir Sub-Assembly
8	**519-0300B**	Teleweir Cap



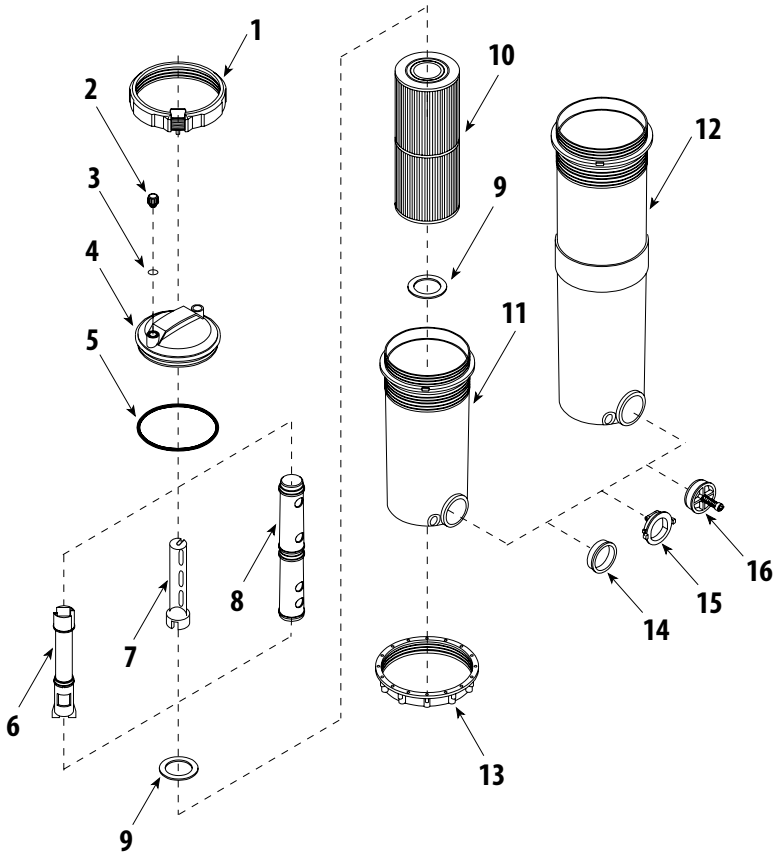
510-6900 - Deluxe Strip Skimmer Replacement Parts

Item	Part No.	Description
1	**519-6900B**	Weir Frame
2	**550-6910B**	Weir Door Assembly
3	**519-6940.RB**	Guide Frame - Right
4	**819-0114B**	Screw *(4 required)*
5	**519-6940.LB**	Guide Frame - Left
6	**519-6951B**	Basket
7	**519-6981B**	Weir Plate Outlet
8	**711-4350B**	Wall Fitting Gasket
9	**718-3150B**	Wall Fitting Nut
10	**819-0008B**	Screw, #8 PPH

510-6910 - Deluxe Skim FIlter Replacement Parts

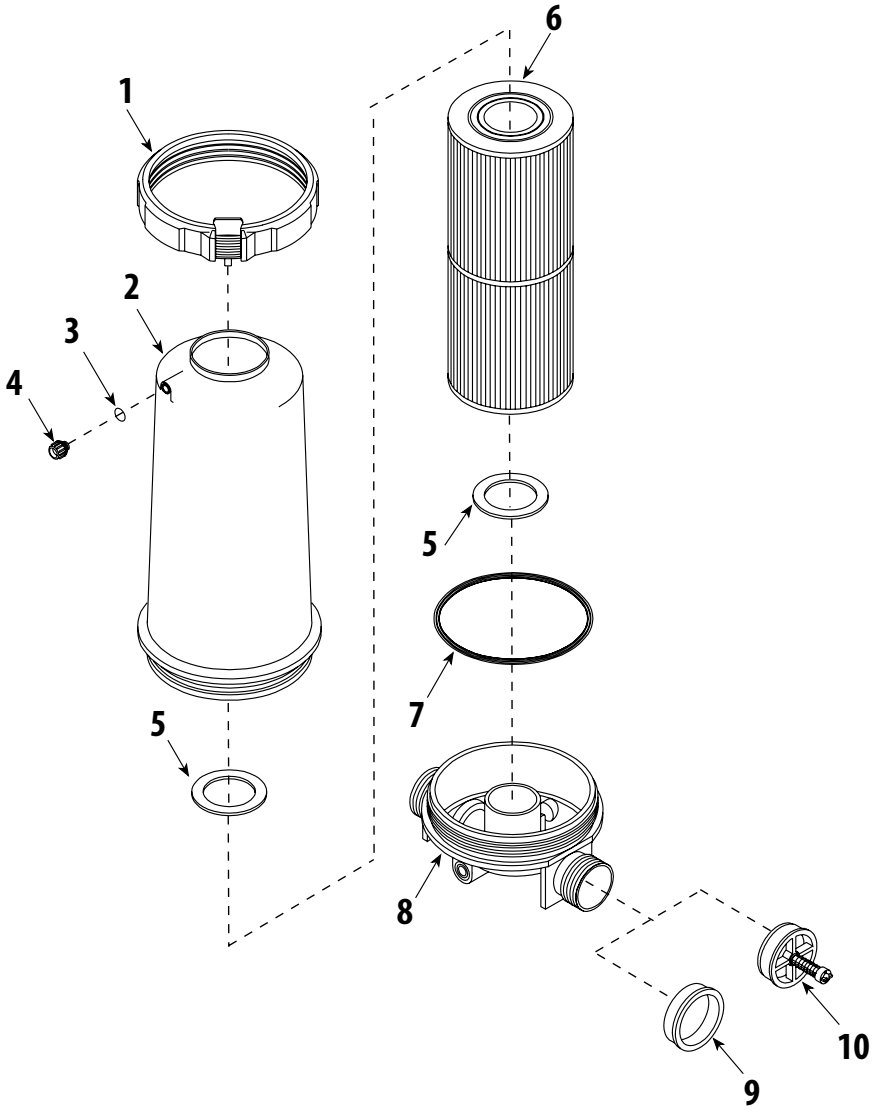
Item	Part No.	Description
1	**519-6900B**	Weir Frame
2	**550-6910B**	Weir Door Assembly
3	**519-6940.RB**	Guide Frame - Right
4	**819-0114B**	Screw *(4 required)*
5	**519-6940.LB**	Guide Frame - Left
6	**519-6951B**	Basket
7	**519-6961B**	Weir Plate Outlet
8	**817-0020B**	10 sq. ft. Cartridge
9	**519-6970B**	Weir Filter Housing
10	**711-7000B**	Wall Fitting Gasket
11	**718-7000B**	Wall Fitting Nut
12	**411-6910B**	90° Ell - 1 ½" S x 1 ½" S
13	**819-0008B**	Screw, #8 PPH

Replacement Parts / **1 ½" and 2" Top-Load Filter**



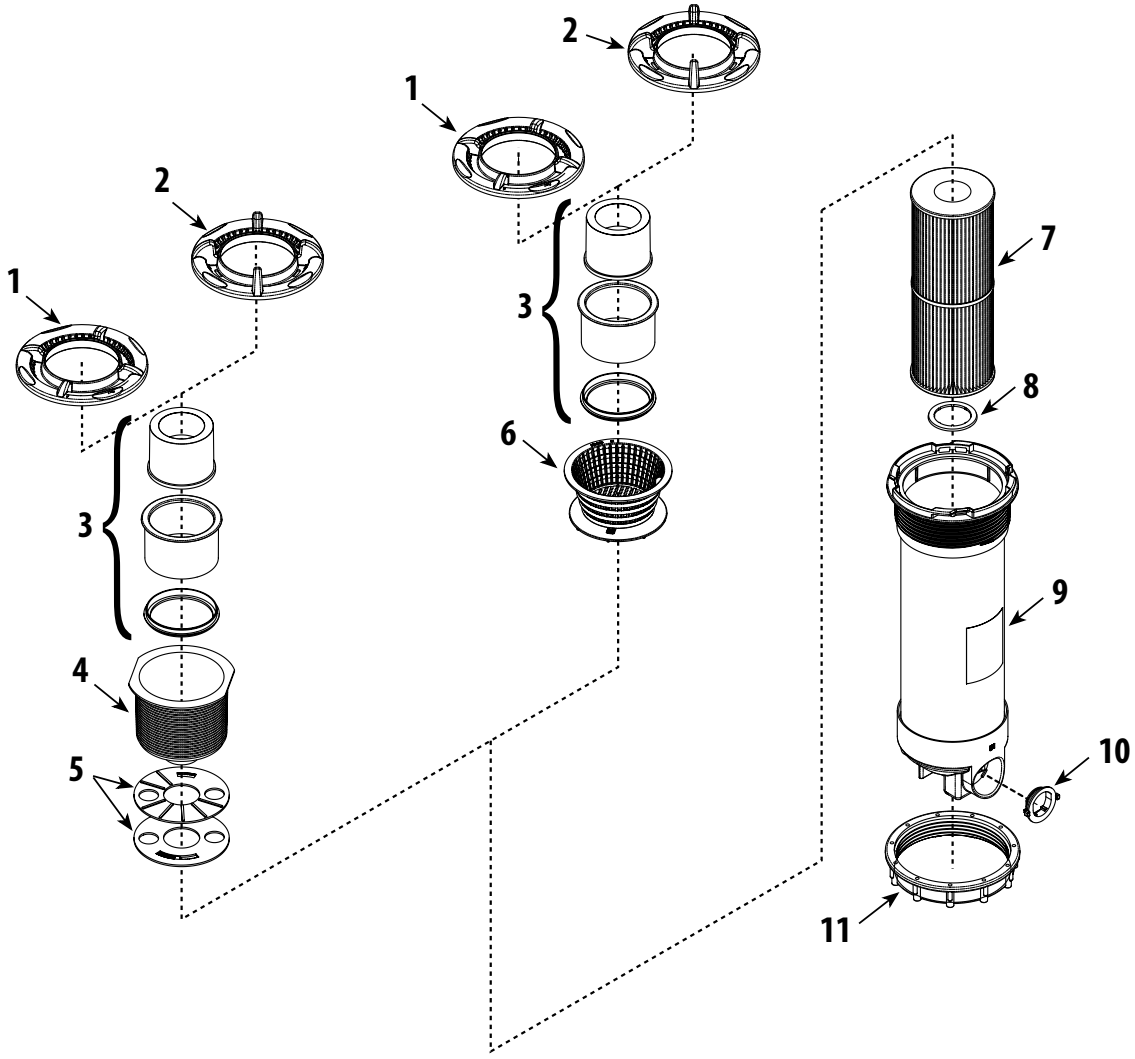
1 ½" and 2" Top-Load Filter Replacement Parts

Item	Part No.	Description
1	500-1000B	Lock Ring Assembly
2	715-1001B	Plug - Air Relief
3	805-0114B	O-Ring - Air Relief Plug
4	511-1000B	Filter Lid with Handle
5	805-0360B	O-Ring - Filter Lid
6	500-1070B	Brominator Assembly - 10 Tablet
7	519-1051B	Mineral Purifier Canister Holder
8	500-1060B	Flow Restriction Tube
9	711-1010B	Spacer Ring
10	817-2500B	Filter Cartridge - 25 sq. ft. - 4 15/16" OD x 13 5/16" L
	817-5000B	Filter Cartridge - 50 sq. ft. - 4 15/16" OD x 13 5/16" L
	817-7500B	Filter Cartridge - 75 sq. ft. - 4 15/16" OD x 23 5/8" L
	817-1000B	Filter Cartridge - 100 sq. ft. - 4 15/16" OD x 23 5/8" L
11	550-5000B	1 ½" Filter Body - with Bypass
	550-4990B	1 ½" Filter Body - with Plug
	550-5010B	2" Filter Body - with Bypass
	550-5060B	2" Filter Body - with Plug
12	550-5110B	1 ½" Extended Filter Body - with Bypass
	550-5150B	1 ½" Extended Filter Body - with Plug
	550-5230B	2" Extended Filter Body - with Bypass
	550-5220B	2" Extended Filter Body - with Plug
13	718-1000B	Nut - Filter Body
14	715-1010B	1 ½" Plug
	715-9900B	2" Plug
15	600-1040B	2" Bypass Valve Assembly
16	600-1000B	1 ½" Bypass Valve Assembly



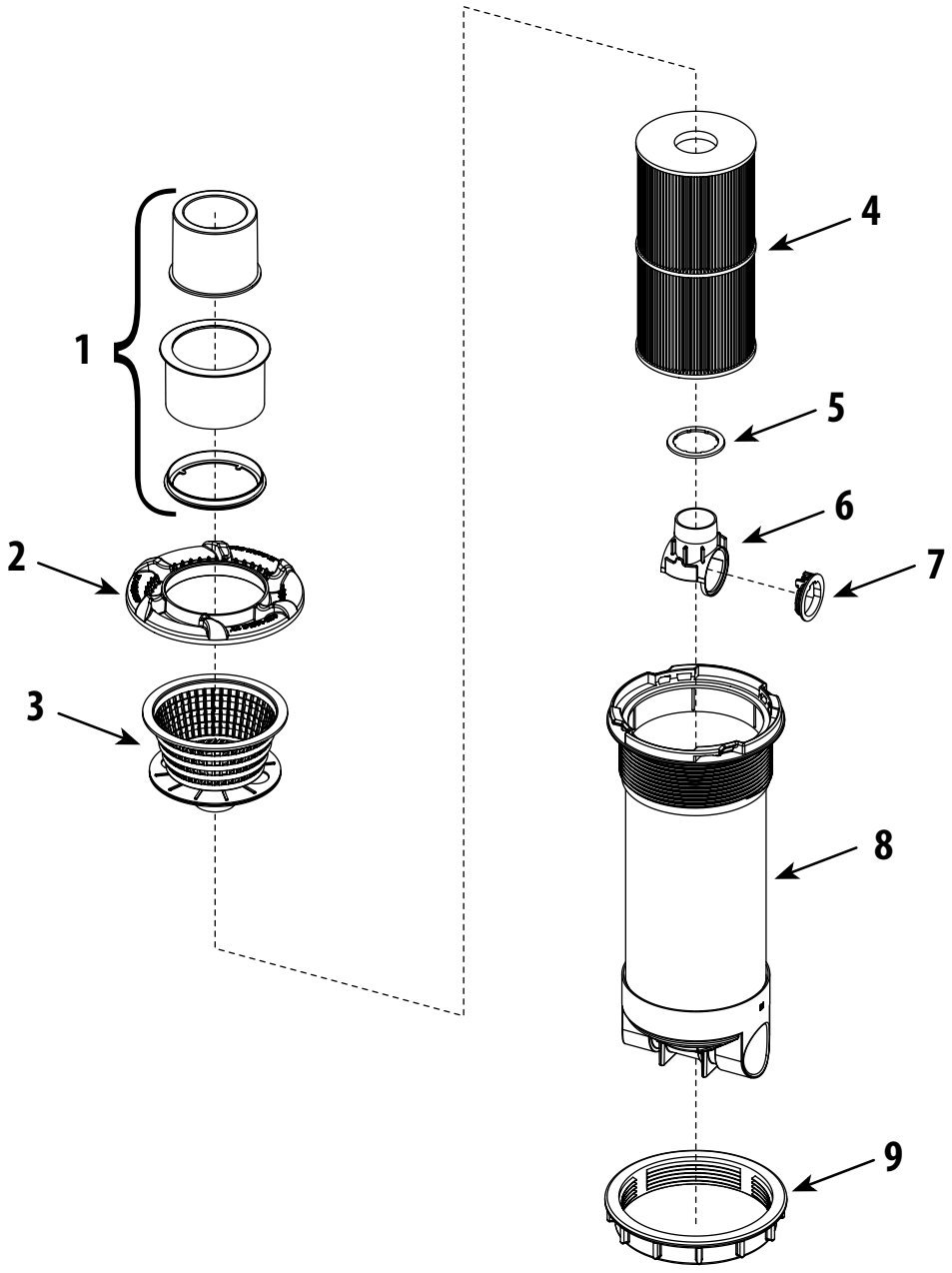
1 ½" In-Line Filter Replacement Parts

Item	Part No.	Description
1	**500-1000B**	Lock Ring Assembly
2	**515-1010B**	In-line Filter Body
3	**805-0114B**	O-Ring - Air Relief Plug
4	**715-1001B**	Plug - Air Relief
5	**711-1010B**	Spacer Ring
6	**817-2500B**	Filter Cartridge - 25 sq. ft. - 4 15/16" OD x 13 5/16" L
	817-5000B	Filter Cartridge - 50 sq. ft. - 4 15/16" OD x 13 5/16" L
7	**805-0360B**	O-Ring - Filter Lid
8	**511-1010B**	1 ½" Filter Lid
9	**715-1010B**	1 ½" Plug
10	**600-1000B**	1 ½" Bypass Valve



Dyna-Flo Top Mount Skim Filter Replacement Parts

Item	Part No.	Description
1	519-8070B	4-Scallop Trim Ring - Low Volume - White
2	519-8050B	4-Scallop Trim Ring - High Volume - White
3	550-2630B	Weir Assembly - 3-Piece - White
4	519-8000B	Basket - White - 6.4" diameter x 5.62" H
5	519-3010B	Diverter Plate
6	500-2680B	Low Profile Basket Assembly - White - 6.35" diameter x 2.75" H
7	817-2500B	Filter Cartridge - 25 sq. ft. - 4 15/16" OD x 13 5/16" L
	817-3501B	Filter Cartridge - 40 sq. ft. - 4 15/16" OD x 9 ¼" L
	817-5000B	Filter Cartridge - 50 sq. ft. - 4 15/16" OD x 13 5/16" L
8	711-1010B	Spacer Ring
9	--	Body
10	600-1040B	2" Bypass Valve
11	718-1000B	Nut - Filter Body

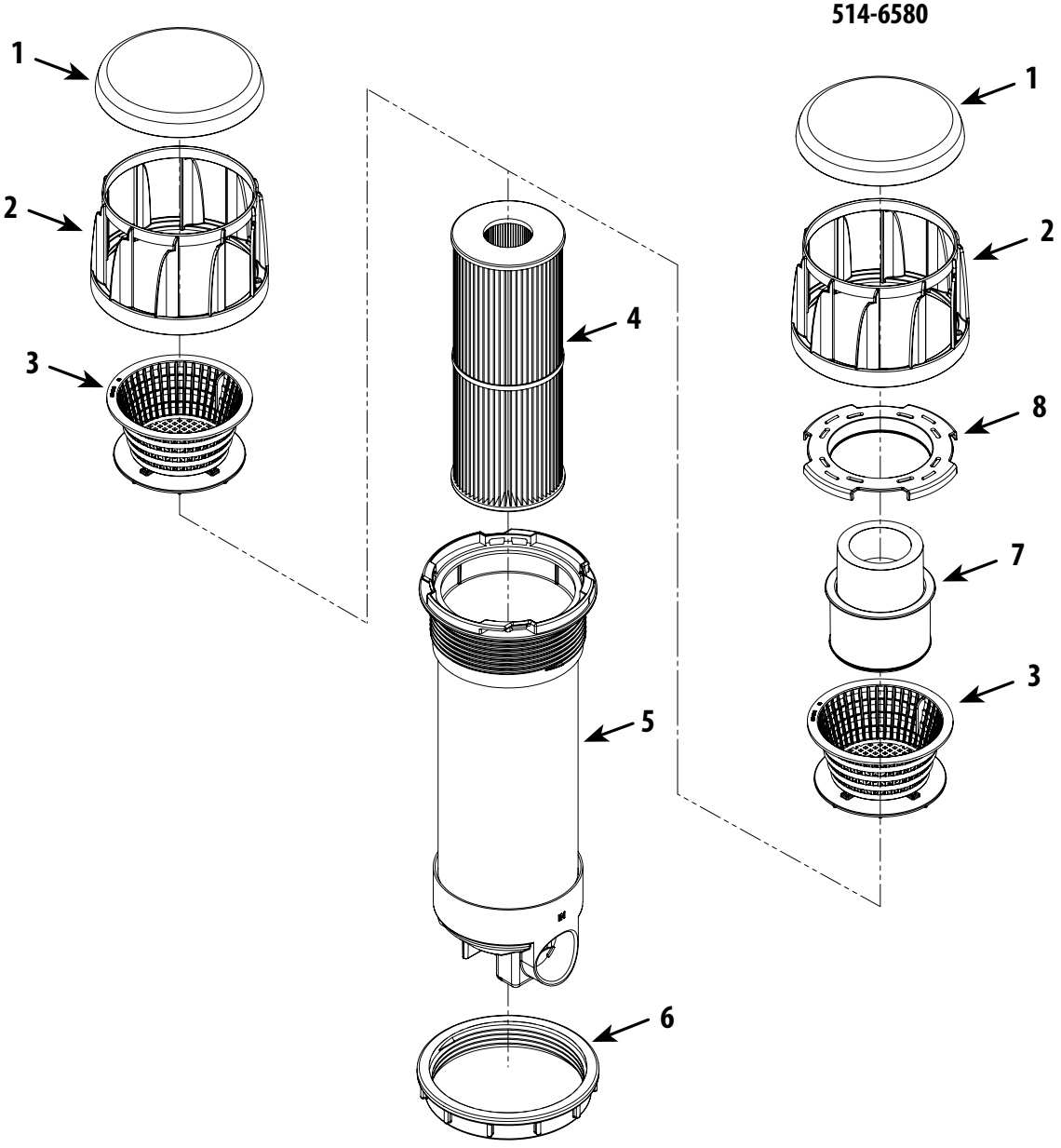


Dyna-Flo XL Skim Filter Replacement Parts

Item	Part No.	Description
1	**550-8620B**	Weir Assembly
2	**519-8260B**	Scalloped Trim Ring
3	**550-8631B**	Basket Assembly - Black - 8.0" diameter x 3.5" H
4	**817-0017B**	Dyna-Flo XL Cartridge - 50 sq. ft. - 2 3/8" x 6 9/16" OD x 13 5/16" L
	817-0018B	Dyna-Flo XL Cartridge - 75 sq. ft. - 2 3/8" x 6 9/16" OD x 13 5/16" L
	817-0019B	Dyna-Flo XL Cartridge - 100 sq. ft. - 2 3/8" x 6 9/16" OD x 17 13/16" L
5	**711-8200B**	Spacer Ring
6	**602-8210B**	Bottom Body Insert with Bypass Valve
7	**600-1020B**	2 ½" Bypass Valve
8	**--**	Body
9	**718-8200B**	Nut

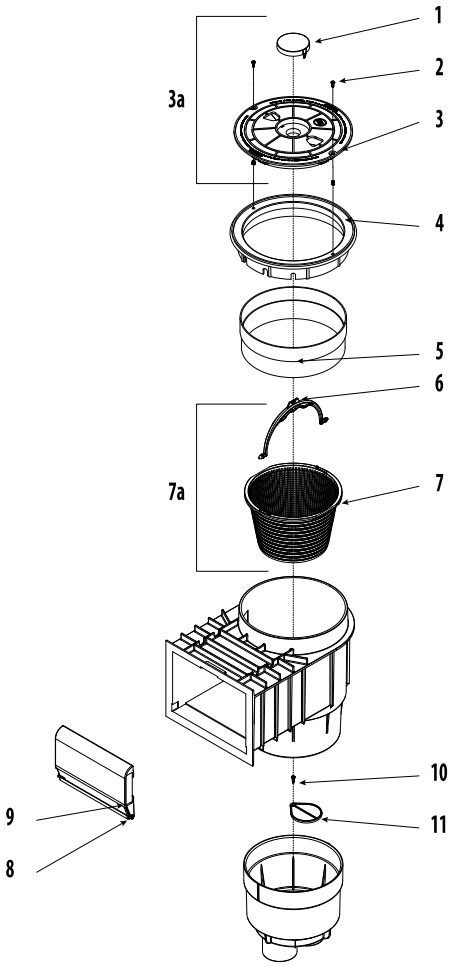
Ultra Skim Filter Assembly
514-6550

Ultra Skim XL Filter Assembly
514-6580

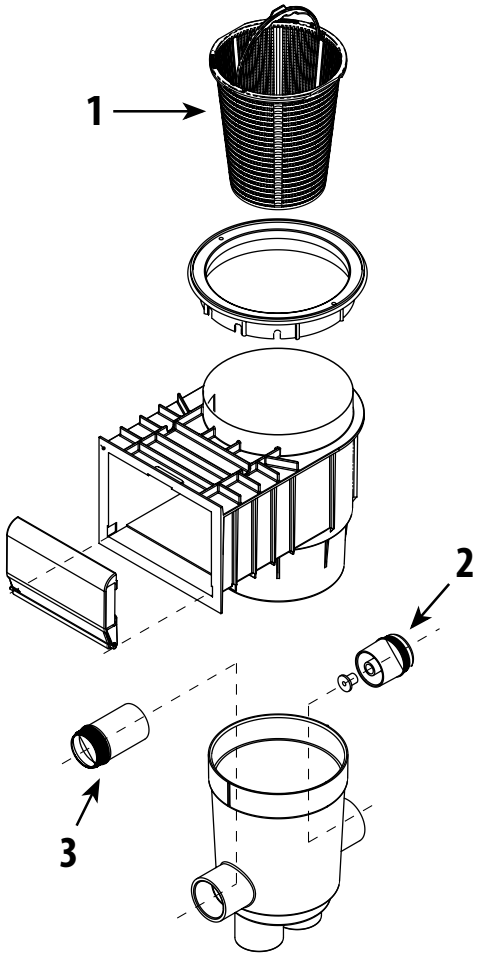


Ultra Skim Filter Replacement Parts

Item	Part No.	Description
1	**519-8160B**	Lid
2	**519-8150B**	Turbine
3	**500-2697B**	Basket Assembly - 6.35" diameter x 2.75" H
4	**817-2500B**	Filter Cartridge - 25 sq. ft. - 4 15/16" OD x 13 5/16" L
	817-3501B	Filter Cartridge - 40 sq. ft. - 4 15/16" OD x 9 ¼" L
	817-5000B	Filter Cartridge - 50 sq. ft. - 4 15/16" OD x 13 5/16" L
5	**--**	Body
6	**718-1000B**	Filter Body Nut
7	**550-2630B**	Weir Assembly - 3 Piece - White
8	**519-2010B**	Ultra Skim Filter - Weir Retainer Ring



Renegade Gunite In-Ground Skimmer



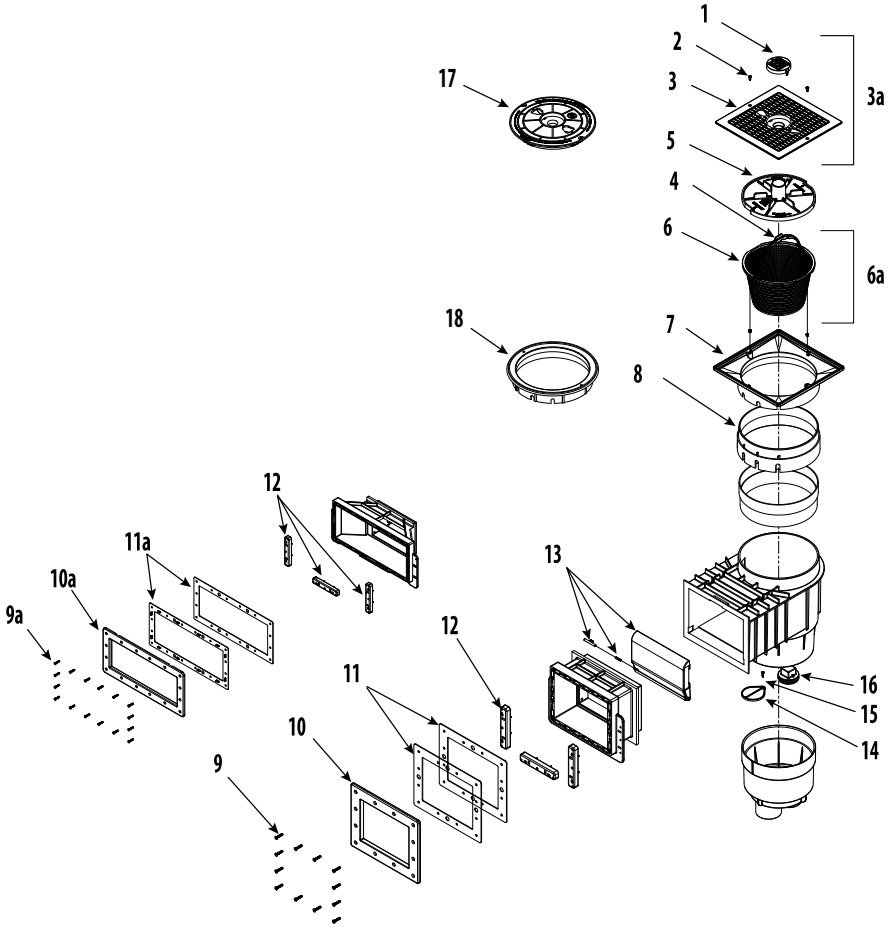
Renegade Venturi and Deep Basket

Renegade Gunite In-Ground Skimmer Replacement Parts

Item	Part No.	Description
1	**519-6460B**	Blank Lid Insert
2	**819-0005B**	Screw #8-32 x 7/16" Phil Pan Head (2 required)
3	**519-6450B**	Lid - White
3a	**540-6470WWB**	Lid with Logo Insert
4	**519-6420B**	Lid Mounting Ring with Insert - White
5	**519-6570B**	Mounting Ring Extension
6	**519-3250B**	Basket Handle
7	**519-3240B**	Basket - 8.12" diameter x 5.25" H
7a	**542-3240B**	Basket Assembly with Handle
8	**550-995xB**	Weir Door Assembly
9	**865-0200B**	Weir Door Foam
10	**819-4350B**	Screw #8 x 5/8" PNHD Phil.
11	**519-6470B**	Diverter Plate

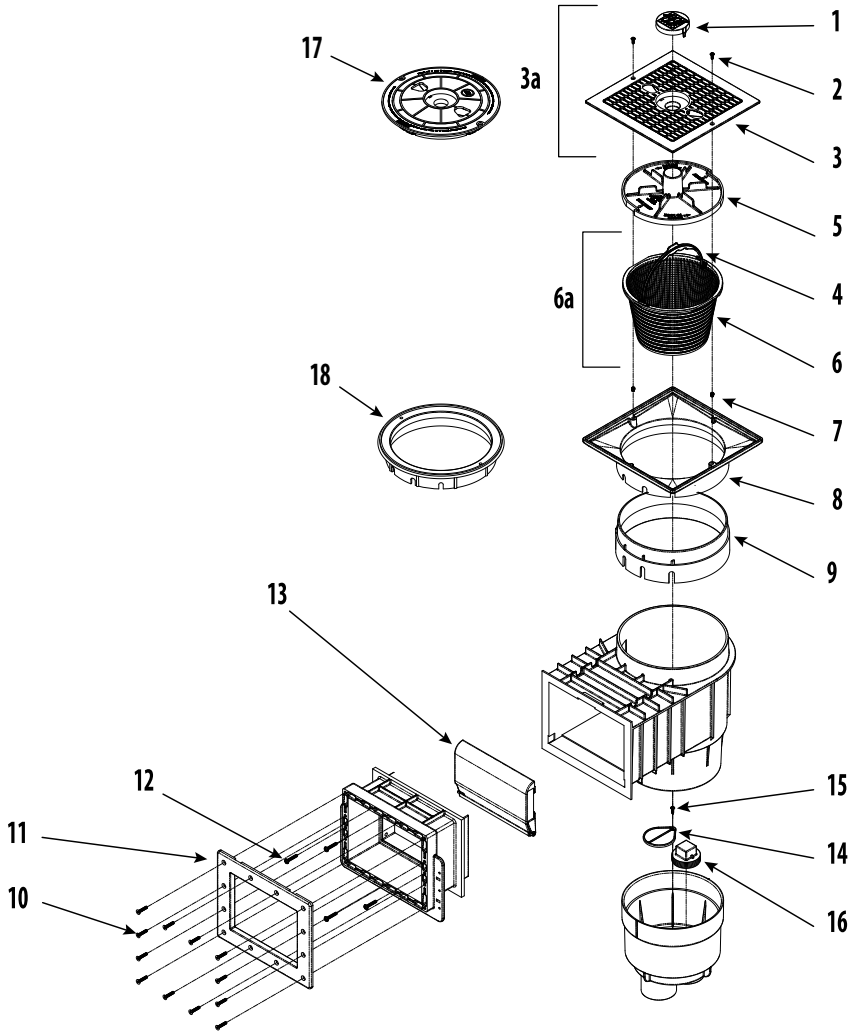
Renegade Venturi and Deep Basket Skimmer Replacement Parts

Item	Part No.	Description
1	**542-9600B**	Venturi Basket Assembly - 8.12" diameter x 9.0" H
2	**542-9610B**	Venturi Nozzle Fitting Assembly
3	**519-9650B**	2" Outlet Port



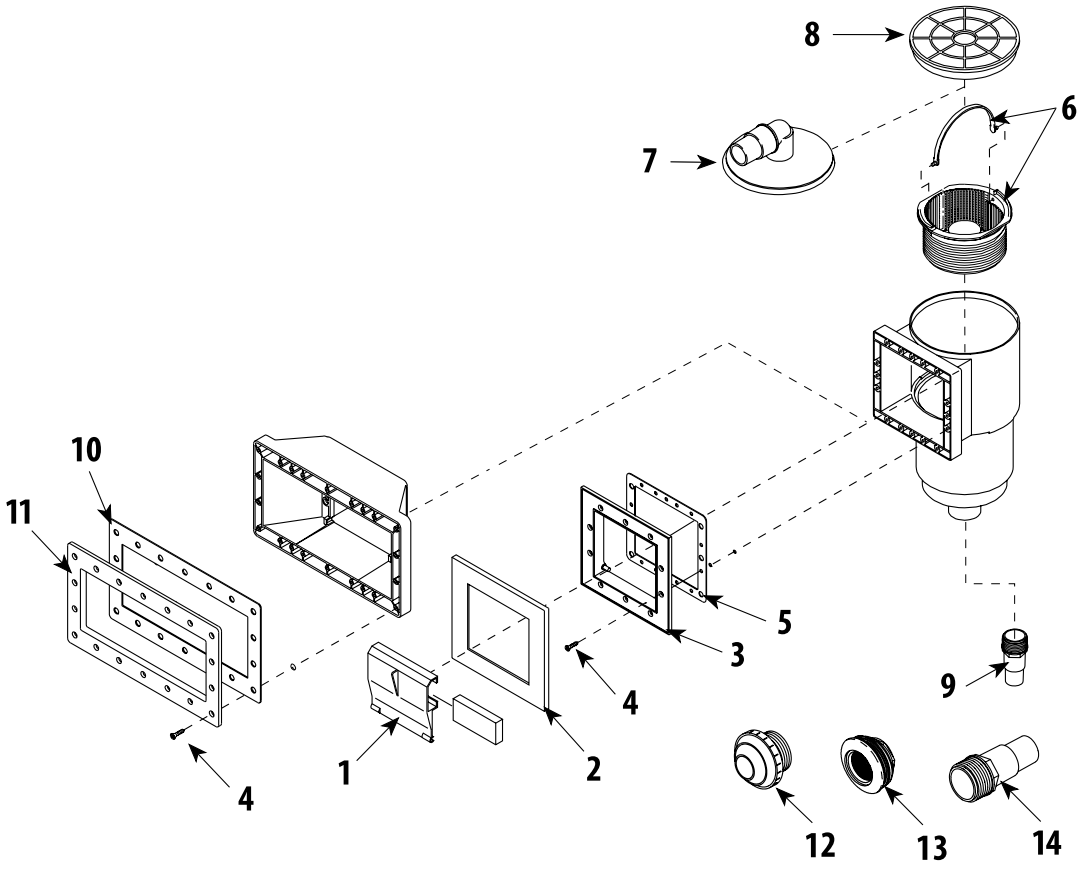
Renegade Vinyl Liner Skimmer Replacement Parts

Item	Part No.	Description
1	519-6460WWB	Logo Lid Insert
2	819-0005B	Screw #8 32 x 7/16" (2 required)
3	519-9500B	Square Lid
3a	540-6490WWB	Square Lid with Logo Insert
4	519-3250B	Basket Handle
5	519-6480B	Vacuum Plate - Twist-Lock (2013 & older)
5a	519-6480-R1B	New Vacuum Plate (2014 & newer)
6	519-3240B	Basket - 8.12" diameter x 5.25" H
6a	542-3240B	Basket Assembly with Handle
7	519-9510B	Square Collar
8	519-6560B	Mounting Ring Extension - Vinyl
9	819-6945B	Screw #12 x 1 ¼" PFH (12 required)
9a	819-6945B	Screw #12 x 1 ¼" PFH (16 required)
10	519-9530B	Mounting Plate - Standard
10a	519-9550B	Mounting Plate - Wide Mouth
11	711-9510B	Gasket - Standard (2 required)
11a	711-9520B	Gasket - Wide Mouth (2 required)
12	713-9520B	Spacer (3 required)
13	550-995xB	Weir Door Assembly
14	519-6470B	Diverter Plate
15	819-4350B	Screw - 8 x 5/8"
16	715-9910B	2" NPT Plug
17	519-6450B	Pool Skimmer Lid - R1
18	519-6420B	Mounting Ring



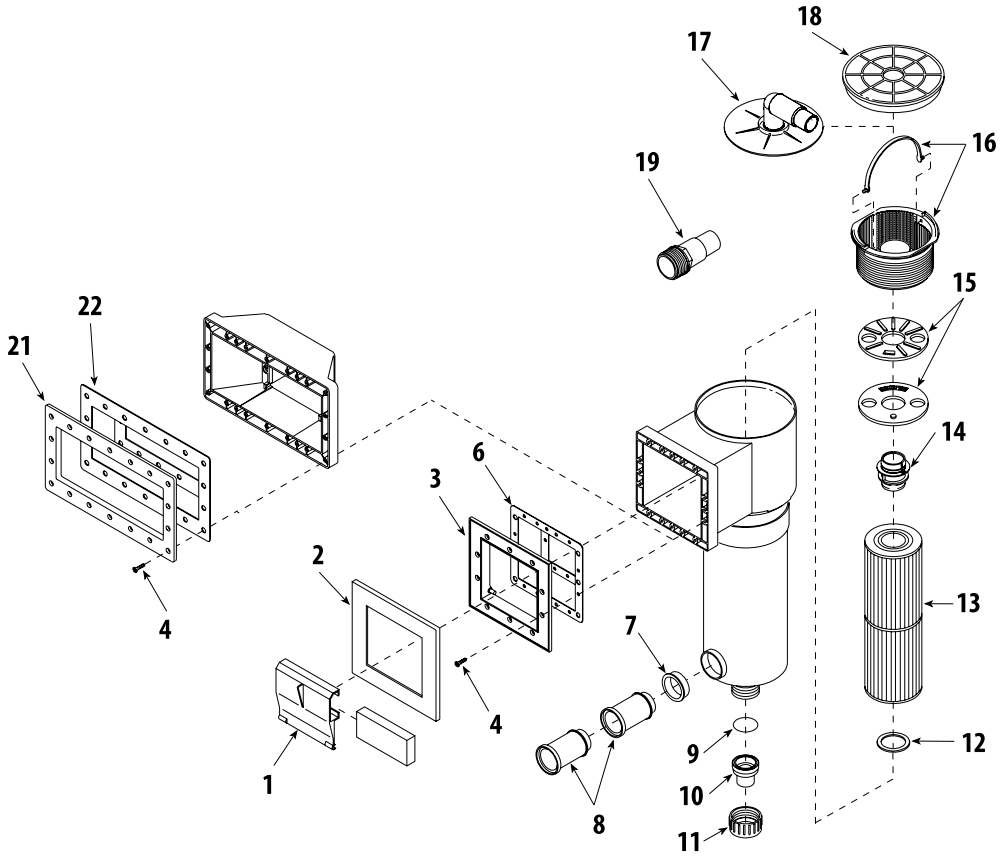
Renegade Fiberglass Skimmer Replacement Parts

Item	Part No.	Description
1	**519-6460WWB**	Logo Lid Insert
2	**819-0005B**	Screw #8-32 x 7/16" Phil Pan Head (2 required)
3	**519-9500B**	Square Lid
3a	**540-6490WWB**	Square Lid with Logo Insert
4	**519-3250B**	Basket Handle
5	**519-6480B**	Vacuum Plate - Twist-Lock (2013 & older)
5a	**519-6480-R1B**	New Vacuum Plate (2014 & newer)
6	**519-3240B**	Basket - 8.12" diameter x 5.25" H
6a	**542-3240B**	Basket Assembly with Handle
7	**820-4110B**	Screw Lock (2 required)
8	**519-9510B**	Square Collar
9	**519-6560B**	Mounting Ring Extension (2 included)
10	**819-6950B**	Screw #12 x 1 ½" PFH Type B (12 required)
11	**519-9530B**	Mounting Plate
12	**819-0030B**	Screw #12 x 1 ¼" PPH Stainless Steel (4 required)
13	**550-995xB**	Weir Door Assembly
14	**519-6470B**	Diverter Plate
15	**819-4350B**	Screw #8 x 5/8" PNHD Phil
16	**715-9910B**	2" NPT Plug
17	**519-6450B**	Pool Skimmer Lid - R1
18	**519-6420B**	Mounting Ring



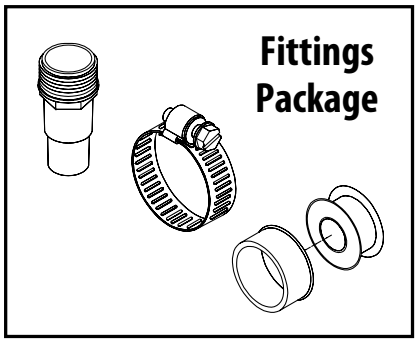
Flo-Pro II Above-Ground Skimmer Replacement Parts

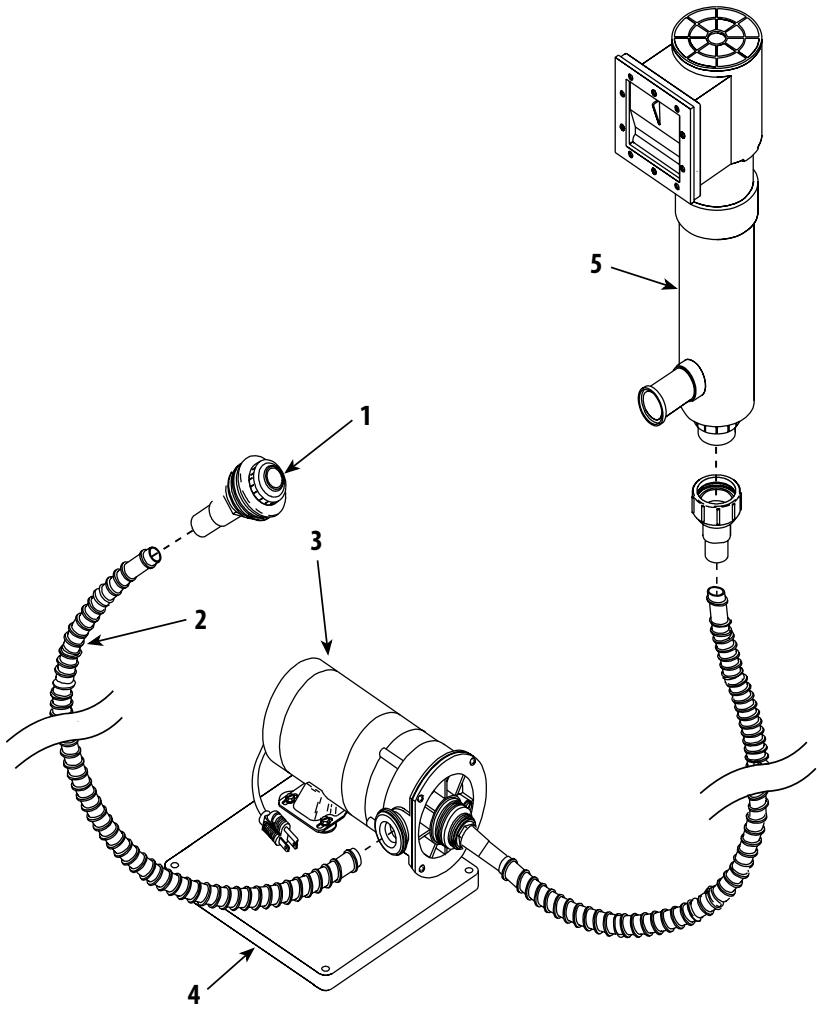
Item	Part No.	Description
1	**542-3060B**	Weir Door Assembly with Foam
2	**519-3090B**	Trim Plate *(optional)*
3	**519-3180B**	Mounting Plate - Front Access
4	**819-0006B**	Screw - #12 x 1 ¼" PFH 18-8 Sms *(10 for Regular Skimmer; 18 for Wide Mouth)*
5	**711-0060B**	Anti-Rust Wall Protection Gasket - Regular
6	**550-1030B**	Basket Assembly with Handle - 6.38" diameter x 4.10" H
7	**519-3150B**	Vacuum Plate - Front Access with 90° Elbow
8	**519-3030B**	Lid - Front Access
9	**417-6140B**	Hose Adapter - 1 ½" MPT x 1 ½" Hose
	417-6150B	Hose Adapter - 1 ½" Barb *(optional)*
10	**711-0070B**	Anti-Rust Wall Protection Gasket - Wide Mouth
11	**519-4110B**	Mounting Plate - Wide Mouth
12	**400-1410DB**	Eyeball Fitting - ¾" Eyeball
	400-1410EB	Eyeball Fitting - 1" Eyeball
13	**400-9170B**	Return Wall Fitting with Locknut and Gaskets - 1 ½" FPT
14	**417-6060B**	Hose Adapter Fitting - 1 ½" MPT x 1 ¼" Hose



Flo-Pro Skim Filter Replacement Parts

Item	Part No.	Description
1	**542-3060B**	Weir Door Assembly with Foam
2	**519-3090B**	Trim Plate - Front Access *(optional)*
3	**519-3080B**	Mounting Plate - Front Access - Short Throat Only
	519-3180B	Mounting Plate - Front Access - Long Throat Only
4	**819-0006B**	Screw - #12 x 1 ¼" PFH 18-8 Sms
6	**711-0060B**	Anti-Rust Wall Protection Gasket - Regular
7	**715-2030B**	2" Plug
8	**519-3190B**	Support Piece - Short Throat
	519-3170B	Extension - Support Piece - Wide Mouth
9	**805-0226B**	O-Ring - Union
10	**417-6020B**	1 ½" Tailpiece x 1 ½" Hose Adapter Fitting - with O-Ring Groove
11	**415-4000B**	1 ½" Union Nut
12	**711-1010B**	Spacer Ring
13	**817-2500B**	Filter Cartridge - 25 sq. ft. - 4 15/16" OD x 13 5/16" L
	817-5000B	Filter Cartridge - 50 sq. ft. - 4 15/16" OD x 13 5/16" L
14	**519-3100B**	Collar Plate
15	**519-3010B**	Diverter Plate
16	**550-1030B**	Basket Assembly with Handle - 6.38" diameter x 4.10" H
17	**519-3150B**	Vacuum Plate with 90° Elbow
18	**519-3030B**	Lid
19	**417-6060B**	Hose Adapter Fitting - 1 ½" MPT x 1 ¼" Hose Barb
21	**519-4110B**	Mounting Plate - Wide Mouth
22	**711-0070B**	Anti-Rust Wall Protection Gasket - Wide Mouth



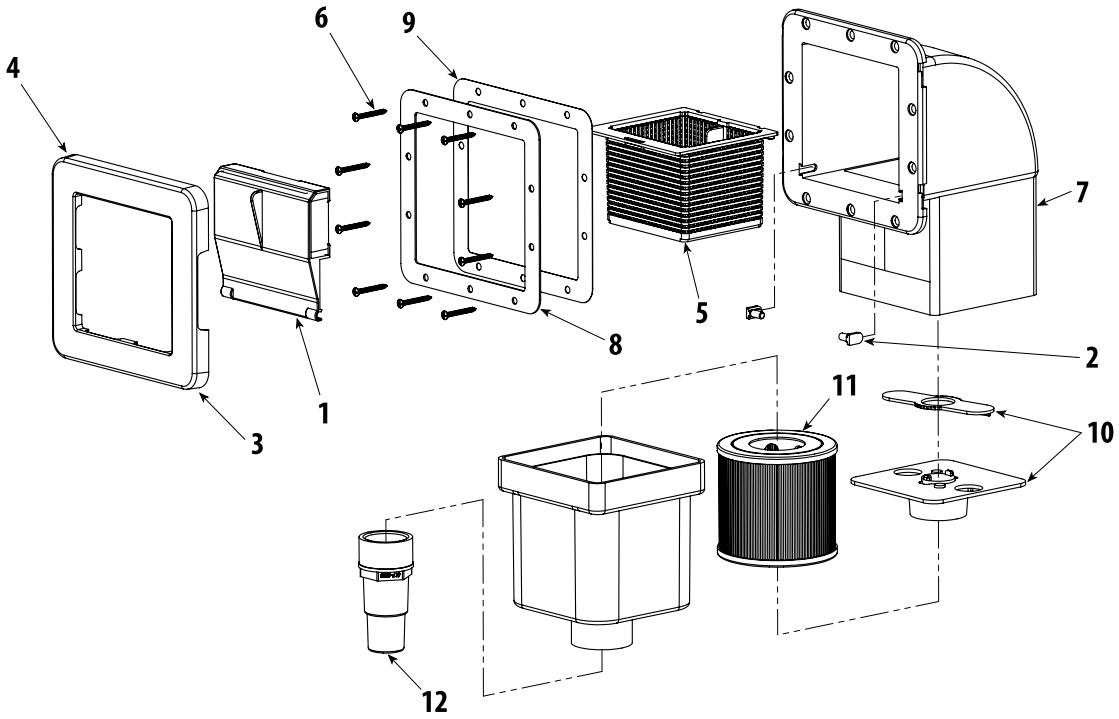


TWM Skim Filter Replacement Parts

Item	Part No.	Description
1	550-9340B	Deluxe Return 1" Eyeball Fitting
2	872-9000B	Corrugated Hose - 1 ½" x 6 ft.
3	--	Pump
4	672-1010B	Equipment Base - 1" x 14 ½" x 15"
5	560-J0A50TB	Skim Filter Assembly - 50 sq. ft.

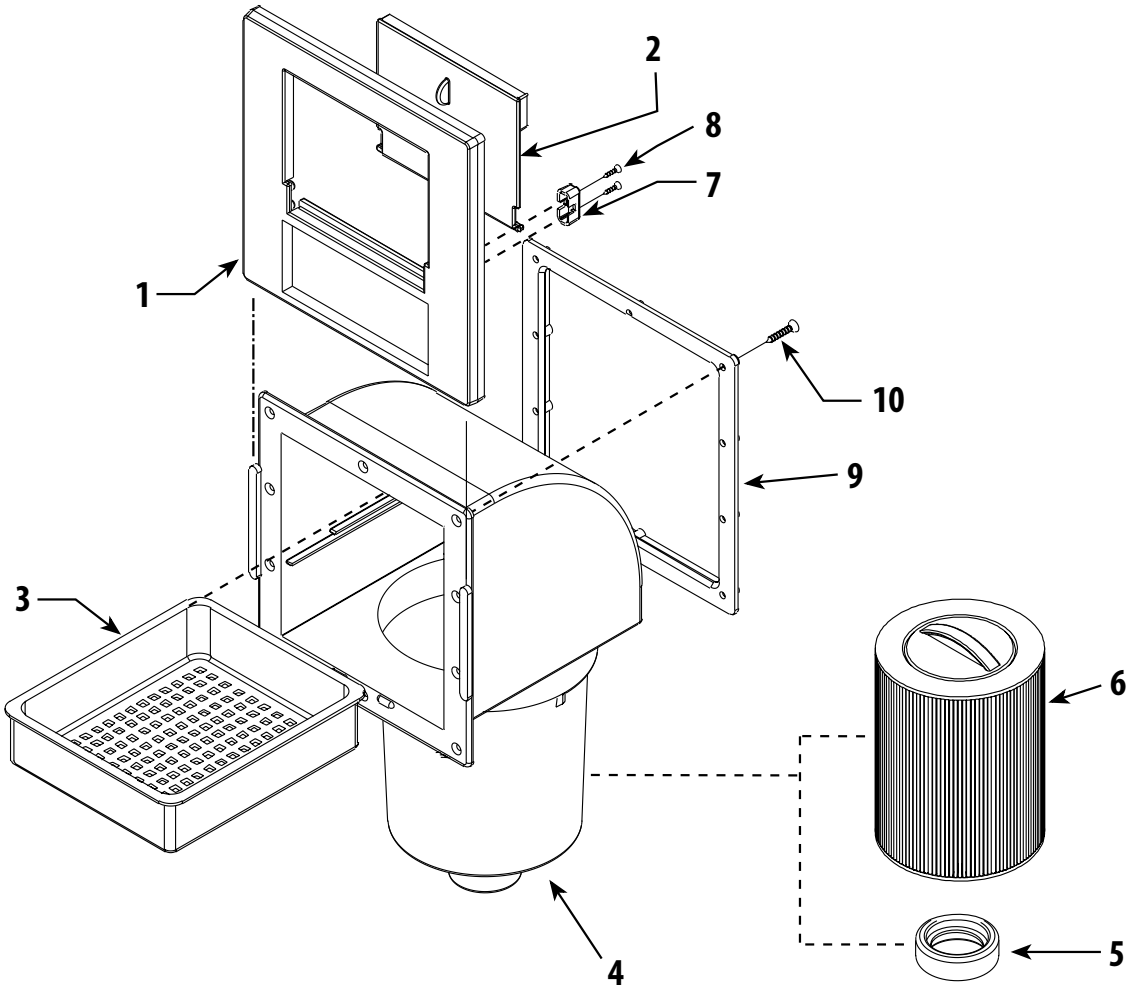
Fittings Package Contents

Item	Part No.	Description
--	417-6061B	1 ½" MPT x 1 ¼" Hose Adapter Fitting (2 required)
--	872-0011B	2 ½" Hose Clamp - Stainless Steel (4 required)
--	902-2000B	Teflon Tape - ½" x 100" roll

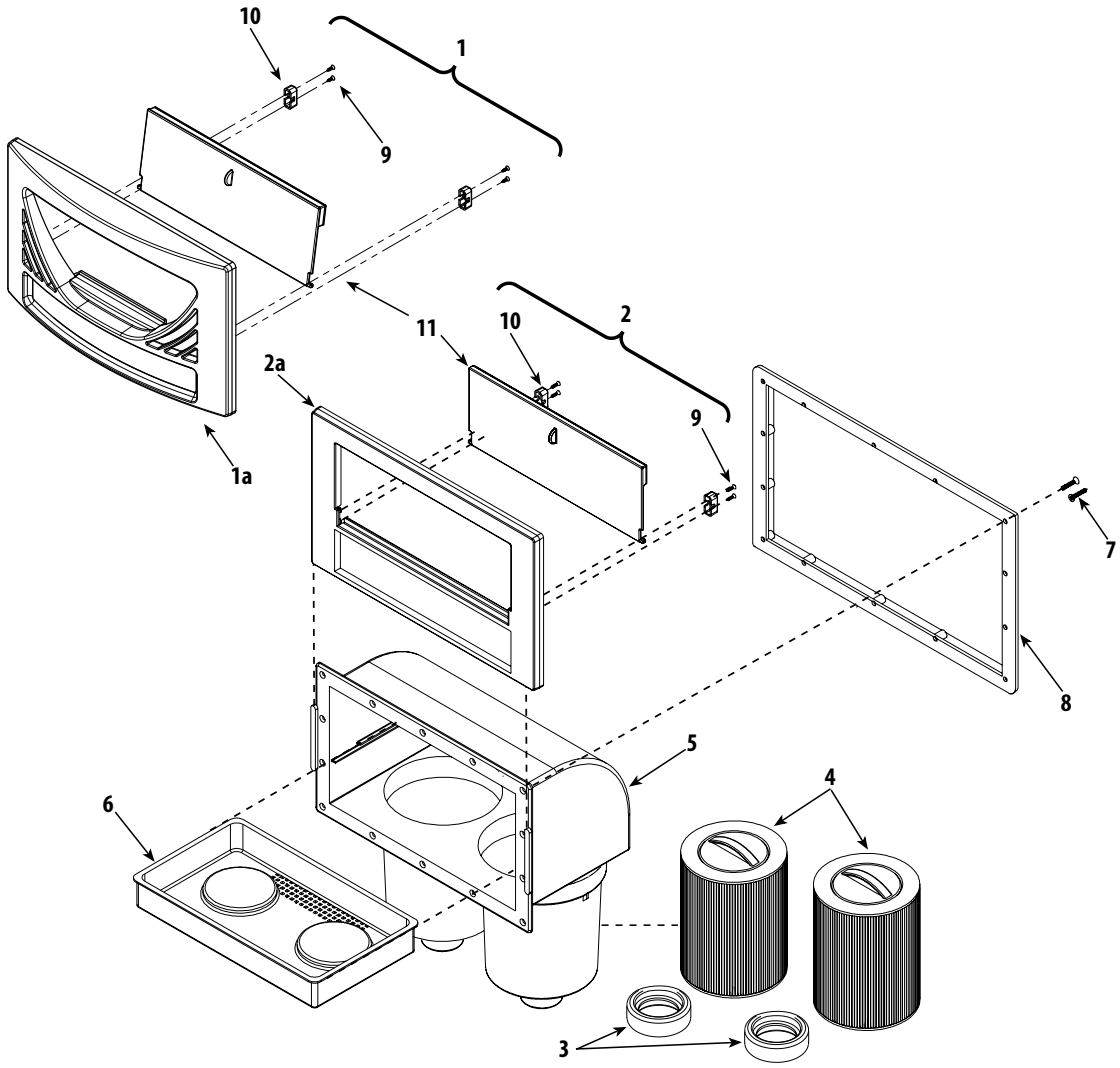


Spa Skimmer and Skim Filter Replacement Parts

Item	Part No.	Description
1	**550-4050B**	Weir Door with Foam - Square Spa Skimmer
2	**519-4020B**	Hinge - Square Skim Filter - White
3	**916-1010B**	Stainless Steel Escutcheon *(optional)*
4	**519-4090B**	Square Trim Plate - Plastic - Old Style
5	**519-4030B**	Basket - 4.80" x 5.10" x 3.45" H
6	**819-6930B**	Screw - #8 x 1 ½" Flathead Phillips
7	**550-4060B**	1 ½" Square Body with Base
	550-4080B	1 ½" Square Body - 10 sq. ft. Skim Filter
	550-4090B	1 ½" Square Body - 20 sq. ft. Skim Filter
8	**806-1070B**	Gasket - Mounting Plate
9	**519-1600B**	Mounting Plate *(optional)*
10	**550-1500B**	Diverter Plate Assembly
11	**817-0010B**	Filter Cartridge - 10 sq. ft. - 4 ¼" OD x 4" L
12	**417-6080B**	Hose Adapter Fitting - 1 ½" Spigot x 1 ¼" Hose *(optional)*

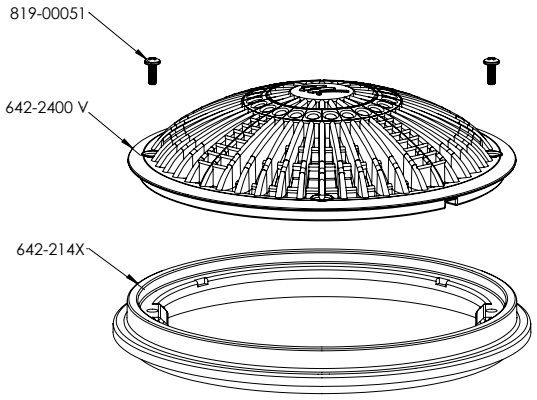


50 sq. ft. Skim Filter Replacement Parts		
Item	Part No.	Description
1	519-9010B	Front Plate
2	550-9000B	Weir Door Assembly
3	519-9050B	Basket
4	550-9010B	Filter Body Assembly - 50 sq. ft.
5	519-6640B	Retainer Ring
6	817-0050B	50 sq. ft. Filter Cartridge - 6" OD x 8 ¼" L
7	519-6240B	Hinge Mount
8	819-3260B	Screw - #6 - 20 x 5/8" POH
9	519-9040B	Mounting Plate
10	819-0006B	Screw - #12 x 1 ¼" PFH



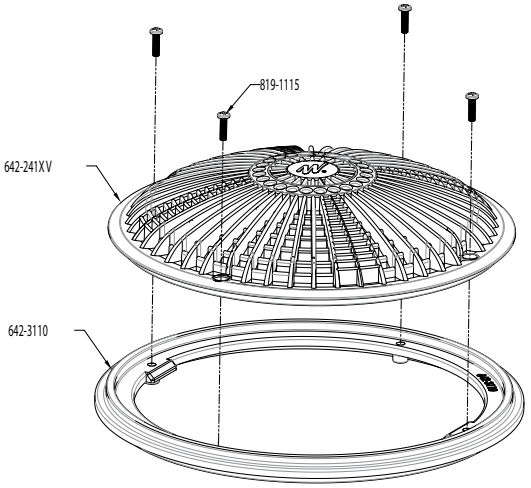
100 sq. ft. Skim Filter Replacement Parts

Item	Part No.	Description
1	550-6630B	Front Access Plate Assembly - Oval
1a	519-6630B	Blank Front Access Plate - Oval
2	550-6610B	Front Access Plate Assembly - Flat
2a	519-6650B	Blank Front Access Plate
3	519-6640B	Retainer Ring
4	817-0050B	50 sq. ft. Filter Cartridge - 6" OD x 8 ¼" L
5	550-6620B	Filter Body Assembly
6	519-6610B	Basket
7	819-0030B	Screw - #12 x 1 ¼" PFH
8	519-6680B	Mounting Plate
9	819-3260B	Screw - #6 -20 x 5/8" POH
10	519-6240B	Hinge Mount
11	550-6600B	Weir Door Assembly



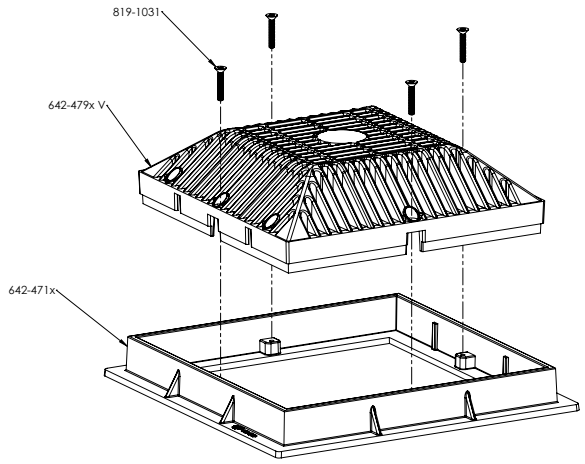
Tru Flo 8" Drain Cover Replacement Parts

Item	Part No.	Description
1	**819-0051B**	#8 Stainless Steel Screw - 32 x 7/16
2	**642-2400 VB**	8" Tru Flo Drain Cover
3	**642-214XB**	8" Tru Flo Drain Frame
4	**640-234x VB**	8" Tru Flo Drain Cover and Ext. Collar Assy



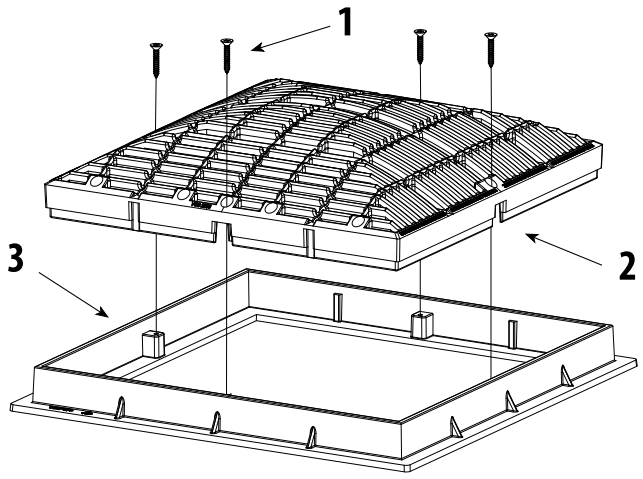
Tru Flo 10" Drain Cover Replacement Parts

Item	Part No.	Description
1	**819-1115B**	#8 Stainless Steel Screw - 32 x 5/8
2	**642-241X VB**	10" Tru Flo Drain Cover
3	**642-311XB**	10" Tru Flo Drain Frame
4	**640-191x VB**	10" Tru Flo Drain Cover and Ext. Collar Assy



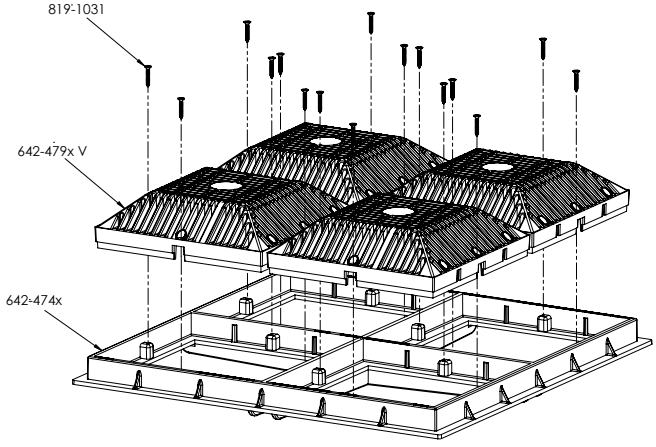
9" x 9" Grate & Frame Replacement Parts

Item	Part No.	Description
1	**819-1031B**	#8 x 1 Stainless Steel Screw
2	**642-479x VB**	9" x 9" Pool Grate
3	**642-471xB**	9" x 9" Grate Frame



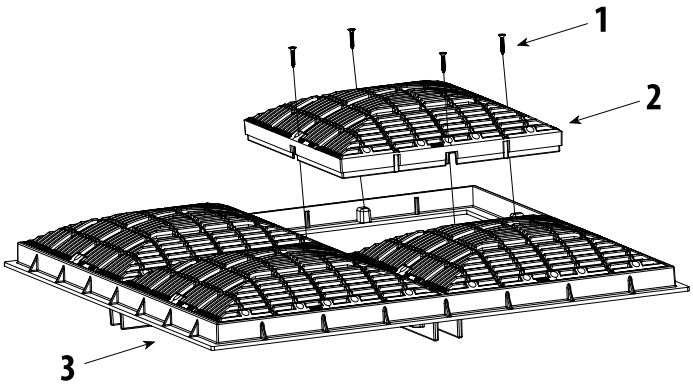
12" x 12" Grate & Frame Replacement Parts

Item	Part No.	Description
1	**819-1031B**	#8 x 1 Stainless Steel Screw
2	**642-4720 VB**	12" x 12" Pool Grate
3	**642-4730B**	12" x 12" Grate Frame



18" x 18" Grate & Frame Replacement Parts

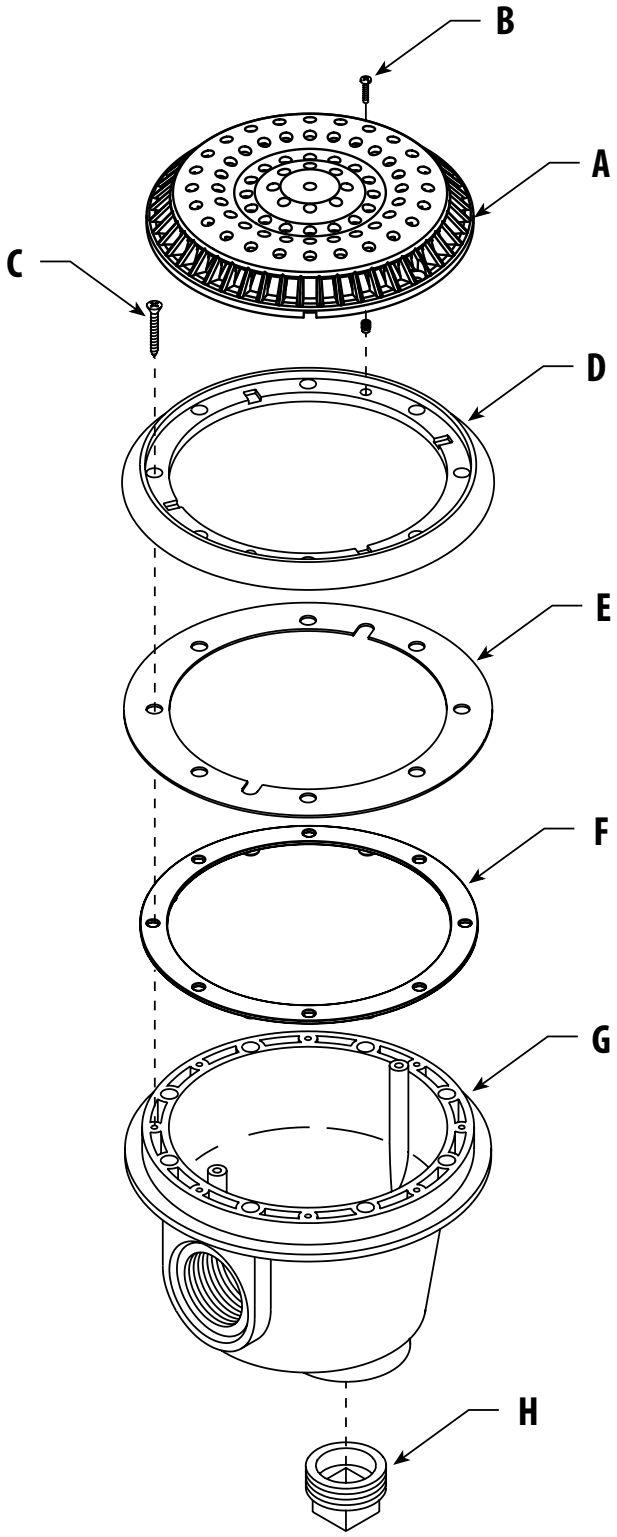
Item	Part No.	Description
1	**819-1031B**	#8 x 1 Stainless Steel Screw
2	**642-479X VB**	9" x 9" Pool Grate
3	**642-474XB**	18" x 18" Grate Frame



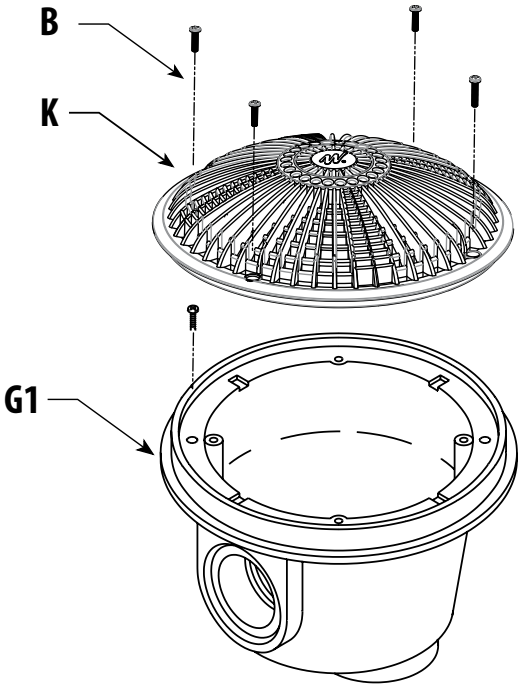
24" x 24" Grate & Frame Replacement Parts

Item	Part No.	Description
1	**819-1031B**	#8 x 1 Stainless Steel Screw
2	**642-4720 VB**	12" x 12" Grate
3	**642-4760B**	24" x 24" Grate Frame

Vinyl Liner



Concrete

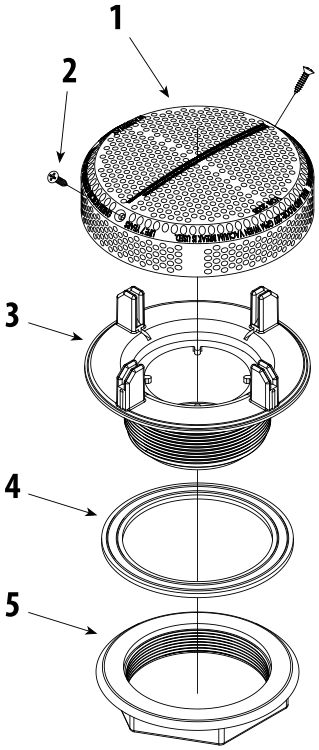


Main Drain Replacement Parts

Item	Part No.	Description
A	**645-2150 VB**	8" Anti-Vortex Cover - White *(with screws)*
	645-2151 VB	8" Anti-Vortex Cover - Black *(with screws)*
	645-2157 VB	8" Anti-Vortex Cover - Gray *(with screws)*
	645-2159-DKG VB	8" Anti-Vortex Cover - Dark Gray *(with screws)*
	645-2159-BEI VB	8" Anti-Vortex Cover - Beige *(with screws)*
	645-2159-DKB VB	8" Anti-Vortex Cover - Dark Blue *(with screws)*
B	**819-0005B**	Cover Screws *(Anti-Vortex only)* (2 required)
C	**819-6940B**	Mounting Screw (8 required)
D	**642-2090B**	Vinyl Liner Main Drain Mounting Plate - White
	642-2091B	Vinyl Liner Main Drain Mounting Plate - Black
	642-2097B	Vinyl Liner Main Drain Mounting Plate - Gray
E	**806-3000B**	Gasket - Vinyl Liner Main Drain Assembly(1 required)
F	**711-2600B**	Gasket - Vinyl Liner Main Drain Body (Stay-In-Place) (1 required)
G	**672-2420B**	Body - Main Drain Vinyl Liner - 1 ½" FPT
	672-2530B	Body - Main Drain Vinyl Liner - 2" FPT
	672-2430B	Body - Main Drain Vinyl Liner - 1 ½" S
	672-2520B	Body - Main Drain Vinyl Liner - 2" S
G1	**672-2500B**	Body - 8" Main Drain Concrete - 2" FPT *(bulk packed)*
	672-2410B	Body - 8" Main Drain Concrete - 1 ½" S *(bulk packed)*
	672-2510B	Body - 8" Main Drain Concrete - 2" S *(bulk packed)*
H	**715-1230B**	1 ½" NPT Plug
	715-9910B	2" NPT Plug
K	**642-2400 VB**	8" Tru Flo Drain Cover - White
	642-2401 VB	8" Tru Flo Drain Cover - Black
	642-2407 VB	8" Tru Flo Drain Cover - Gray
	642-2409-DKG VB	8" Tru Flo Drain Cover - Dark Gray
	642-2409-BEI VB	8" Tru Flo Drain Cover - Beige
	642-2410 VB	10" Tru Flo Drain Cover - White
	642-2411 VB	10" Tru Flo Drain Cover - Black
	642-2417 VB	10" Tru Flo Drain Cover - Gray
	642-2419-DKG VB	10" Tru Flo Drain Cover - Dark Gray
	642-2419-BEI VB	10" Tru Flo Drain Cover - Beige

Vinyl Liner Drain Cover Kit

Item	Part No.	Description	Qty
	640-2260 VB	Vinyl Liner Tru Flo Kit VGB2008 - White	25 (indiv.)
	640-2261 VB	Vinyl Liner Tru Flo Kit VGB2008 - Black	25 (indiv.)
	640-2267 VB	Vinyl Liner Tru Flo Kit VGB2008 - Gray	25 (indiv.)



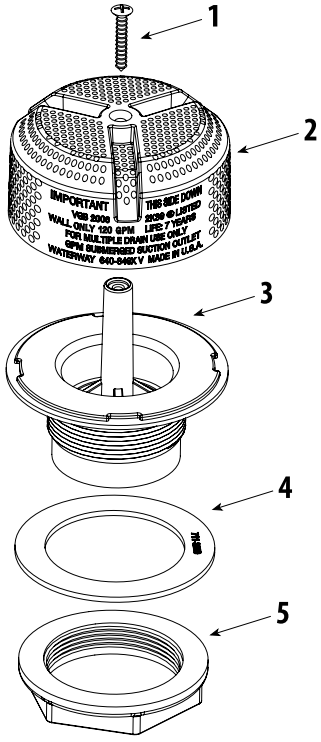
Super Hi-Flo Suction

Super Hi-Flo Suction Replacement Parts

Item	Part No.	Description
1	642-3630 VB	Suction Cover
	916-0038 VB	Suction Cover (Stainless Steel)
2	819-1250B	#6 Stainless Steel Screw - 20 x 5/8
3	215-3620B	2" Wall Fitting (for 640-357x V)
	215-3610B	2 ½" Wall Fitting (for 640-358x V)
4	711-3260B	Gasket
5	642-3620B	Wall Fitting Nut

Ultra Hi-Flo Suction Replacement Parts

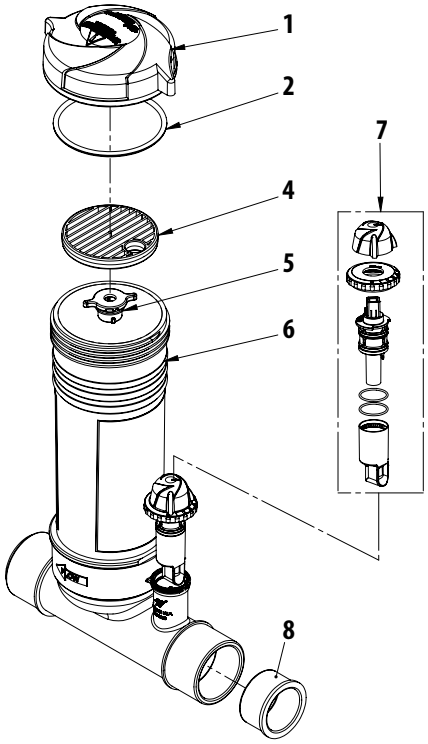
Item	Part No.	Description
1	642-3270 VB	Tall Suction Cover
2	819-0024B	Stainless Steel Screw - #10 x 1"
3	215-3270B	1 ½" Wall Fitting for Tall Suction
4	711-3250B	Gasket
5	718-3150B	Wall Fitting Nut

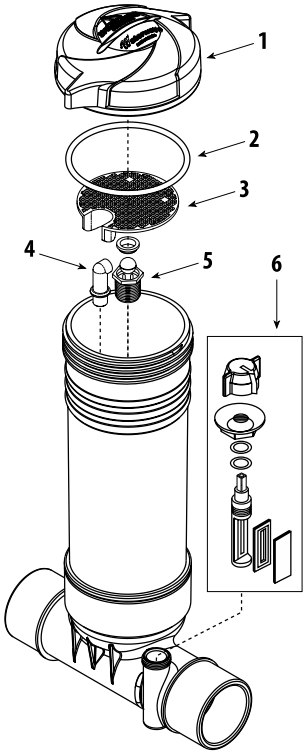


Ultra Hi-Flo Suction

New Style In-Line Chlorinator (2007 and Later) Replacement Parts

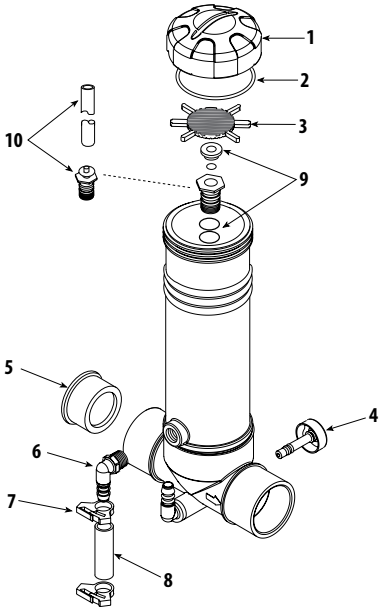
Item	Part No.	Description
1	519-1160B	Cap, Lid - In Line Chlorinator
2	805-0348VB	O-Ring
4	519-1400B	Grill, Chlorinator II
5	219-1100B	Body, Check Valve, Chlorinator
6	515-1170B	Upper Body, Chlorinator
7	600-1287B	Check Valve Assembly
8	421-4070B	Reducer Bushing 2" SPG x1 1/2" S





In-Line Chlorinator (2002 - 2007) Replacement Parts

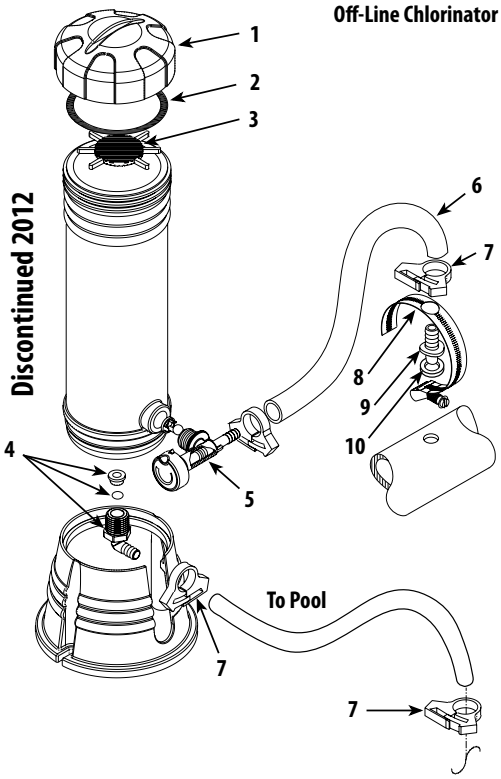
Item	Part No.	Description
1	519-1167B	Lid
2	805-0348VB	Lid O-Ring
3	319-0030B	Filter Screen
4	411-1170B	90° Elbow - ¼" Pipe
5	600-1180B	Check Valve Assembly
6	600-1190B	Stem Assembly with O-Ring

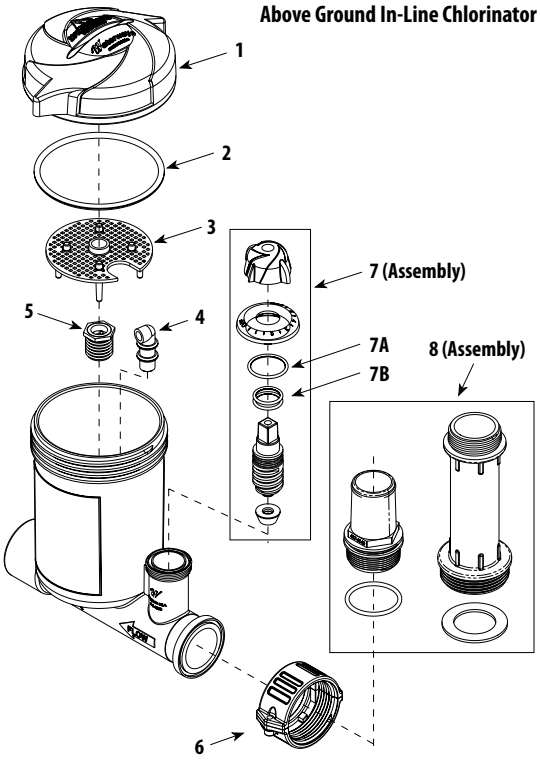


In-Line Chlorinator (2002 and Previous) Replacement Parts

Item	Part No.		Description
1	519-1181B		Lid
2	805-0340VB		O-Ring - Lid
3	319-0041B		Filter Screen
4	600-0051B		Valve Stem Assembly
5	421-4070B		Reducer - 1 ½" Socket x 2" Spigot
6	400-0021B	DISCONTINUED	Elbow Assembly - ½" NPT x ½" Barb
7	872-2290B		½" Hose Clamp
8	519-7361B		3" Flex Hose
9	550-2120B		Coupler Assembly
10	550-2130B		Bromine Conversion Assembly for 1" Tablets

Replacement Parts / **Off-Line and Above Ground Chlorinators**





Off-Line Chlorinator Replacement Parts

Item	Part No.	Description
1	519-1181B	Lid
2	805-0340VB	O-Ring - Lid
3	319-0041B	Filter Screen
4	600-1151B	Bottom Check Valve Assembly
5	600-0101B	Off-Line Valve Assembly
6	872-2240B	3/8" inner diameter x ½" outer diameter Tubing (per ft.)
7	872-2291B	3/8" Hose Clamp
8	872-0011B	2 ½" Hose Clamp - Stainless Steel
9	425-1181B	3/8" Pipe Adapter
10	806-0003B	Gasket

Above Ground In-Line Chlorinator Replacement Parts

Item	Part No.	Description
1	519-1167B	Lid
2	805-0348VB	O-Ring - Lid
3	519-1250B	Filter Screen - 1 ½"
4	411-1170B	90° Elbow - ¼"
5	600-1180B	Check Valve Assembly
6	400-5461B	1 ½" Split-Nut Union Assembly (with Screws)
7	600-1207B	Dial Stem Assembly
7A	805-0124VB	O-Ring - Stem Assembly
7B	805-0118VB	O-Ring - Stem Assembly
8	400-9820B	Chlorinator Fitting - 1 1/2" Sub Assembly

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