



## Ratings You Can Trust



### WARNING



Waterway continues to provide products meeting UL and NSF certification. These drains, grates and suction outlets are available now for installation in new projects and replacements.

- A minimum of two functioning suction outlets per pump must be installed. Suction outlets in the same plane (i.e. floor or wall) must be installed a minimum of three feet (3') / 1 meter apart, as measured from suction pipe center to suction pipe center.
- Dual suction fittings shall be placed in such locations and distances to avoid "dual blockage" by a user.
- Suction fittings shall not be located on seating areas or on the backrest for such seating areas.
- The maximum system flow rate shall not exceed the flow rating of any listed (per ASME A112.19.8a-2008) suction outlet cover installed. In the event of one suction outlet being completely blocked, the remaining suction outlets serving the system shall have a flow rating capable of the full flow of the pump(s).
- Never use pool or spa if any suction outlet component is damaged, broken, cracked, missing, or not securely attached.
- Replace damaged, broken, cracked, missing, or not securely attached suction outlet components immediately.
- Two or more suction outlets per pump should be installed in accordance with latest APSP Standards and CPSC guidelines, and follow all National, State, and Local codes applicable.

**NOTE:** See "Guidelines for Addressing Entrapment Hazards with Pools and Spas", U.S. Consumer Product Safety Commission, Publication #363-009081.  
Call: (301) 504-0400  
Visit website: <http://www.cpsc.gov/cpscpub/pubs/363.pdf>



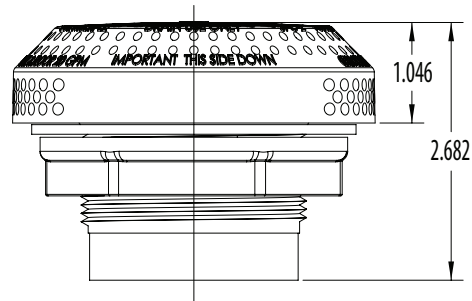
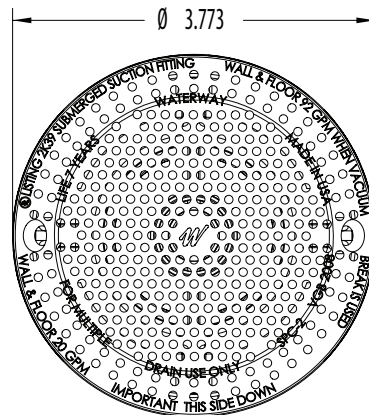
640-3250 V

#### FEATURES:

- New Hi-Flo rating of 128 GPM (without vacuum break)
- For portable spas
- Available in 1 1/2" 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 \$)
<b>640-325x VP</b>	Hi-Flo Suction Assembly - 1 1/2" Hex (without Vacuum Break)	80	16.35
<b>640-328x VP</b>	Hi-Flo Suction Assembly - 1 1/2" 90° Ell (without Vacuum Break)	80	20.13
<b>640-348x VP</b>	Hi-Flo Suction Assembly - 1 1/2" 90° Ell (with 642-4120 VAC Vacuum Break)	80	20.13



## Drains & Suctions - Ratings You Can Trust / 3.5" Ultra Hi-Flo Suctions

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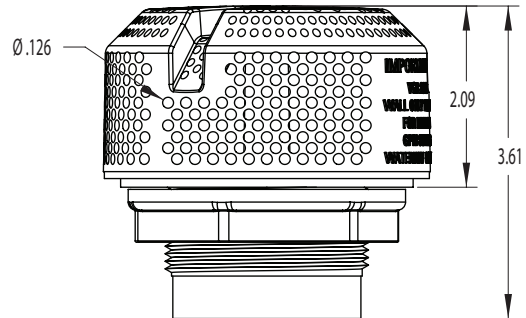
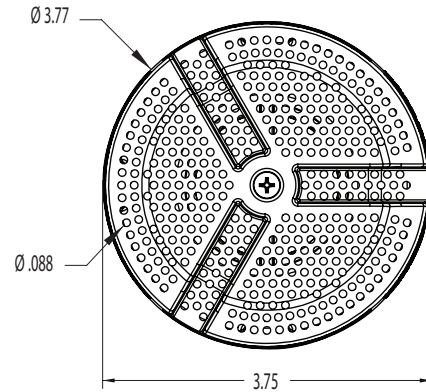


Patent  
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640-3497 V

### SPECIFICATIONS:

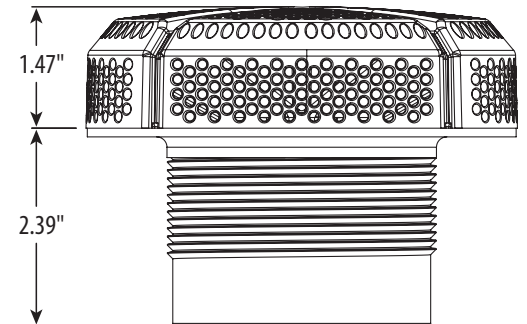
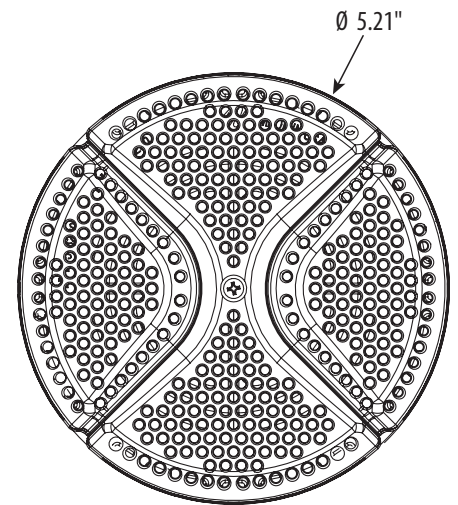
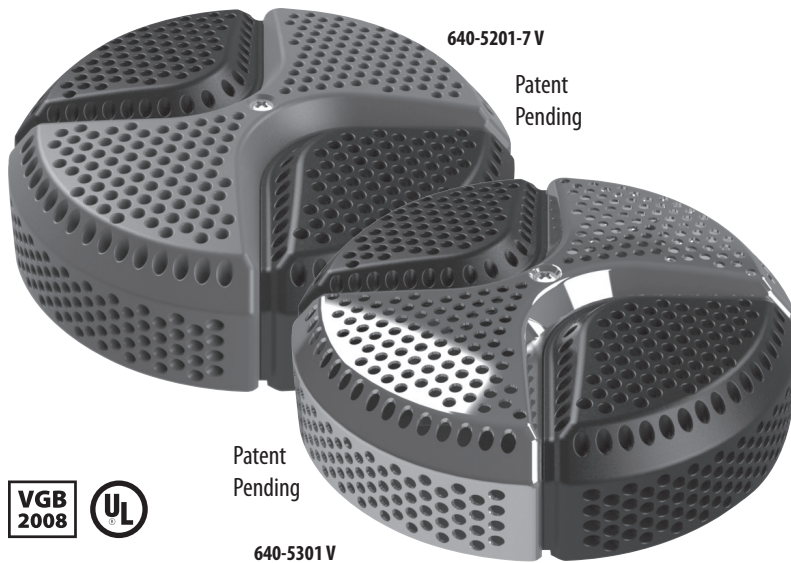
- Total Open Area: 6.24 sq. in.
- Floor Flow Rate: N/A
- Wall Flow Rate: 160 GPM
- For portable spas



### 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	16.35

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



## 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 \$)
<b>640-520x V</b>	5" Designer Pro Series Suction - 2" S - Two Tone	35	25.65
<b>640-525x V</b>	5" Designer Pro Series Suction - 2 ½" S - Two Tone	35	25.65
<b>640-530x V</b>	5" Designer Pro Series Suction - 2" S - Two Tone Stainless Steel	35	36.29
<b>640-535x V</b>	5" Designer Pro Series Suction - 2 ½" S - Two Tone Stainless Steel	35	36.29

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



## Drains & Suctions - Ratings You Can Trust / 5" Super Hi-Flo Suctions for Portable Spas



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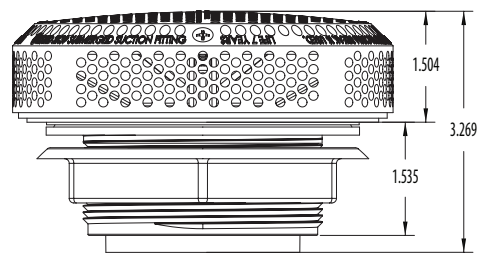
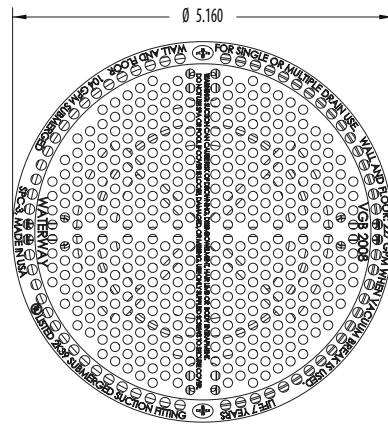
640-3797 V

### 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 (below)

### SPECIFICATIONS:

- Total Open Area: 9.02 sq. in.



### SPC-3 VP - 5" Hi-Flo Suctions

Part No.	Description	Case Quantity	List (US \$)
<b>640-378x V</b>	5" Super Hi-Flo Suction Assembly - 2" S	35	22.73
<b>640-379x V</b>	5" Super Hi-Flo Suction Assembly - 2 ½" S	35	22.73
<b>640-3570S V</b>	5" Super Hi-Flo Suction Assembly - 2" S - Stainless Steel	35	33.37
<b>640-3580S V</b>	5" Super Hi-Flo Suction Assembly - 2 ½" S - Stainless Steel	35	33.37

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



642-3680



642-3700



642-3610

### Non-Vacuum Break Fittings for 2 ½" S SPC-3 VP Suctions

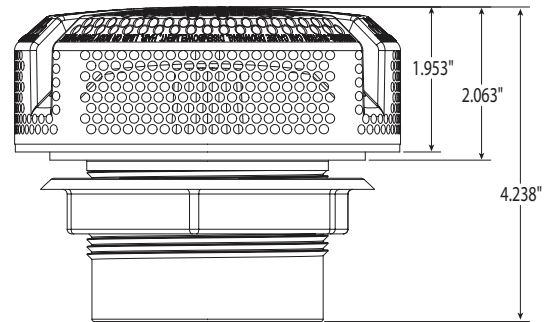
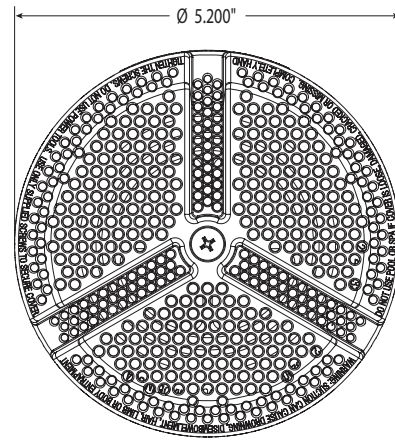
Part No.	Description	Case Quantity	List (US \$)
<b>642-3680</b>	2 ½" x 2" S Straight Adapter	80	5.97
<b>642-3700</b>	2 ½" x 2" S 90° EII Adapter	55	5.97
<b>642-3610</b>	2 ½" S 90° EII Adapter	70	7.00
<b>642-3730</b>	2" S 90° Threaded EII Adapter	35	5.97
<b>642-3750</b>	2" Threaded Straight Adapter	50	5.97




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Patent  
Pending

640-3937 V



#### 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 \$)
<b>640-394x VP</b>	5" Ultra Flo Suction Assembly - 2" S	35	22.99
<b>640-393x VP</b>	5" Ultra Flo Suction Assembly - 2 ½" S	35	22.99

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



642-3680



642-3700



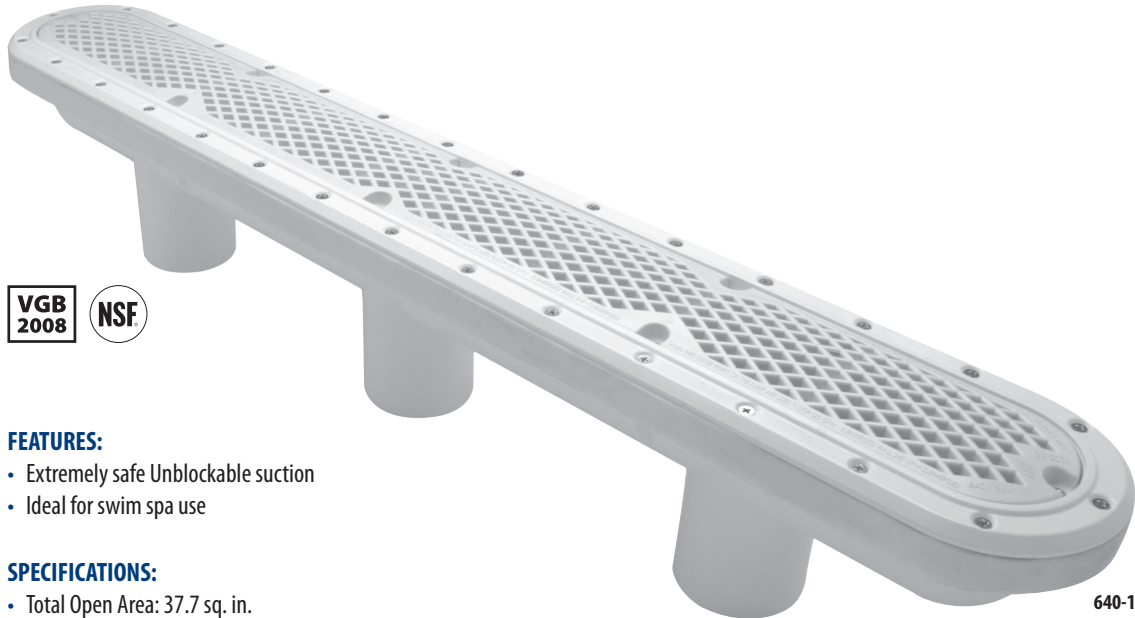
642-3610

### Non-Vacuum Break Fittings for 2 ½" S Ultra Flo Suctions

Part No.	Description	Case Quantity	List (US \$)
<b>642-3680</b>	2 ½" x 2" S Straight Adapter	80	5.97
<b>642-3700</b>	2 ½" x 2" S 90° EII Adapter	55	5.97
<b>642-3610</b>	2 ½" S 90° EII Adapter	70	7.00
<b>642-3730</b>	2" S 90° Threaded EII Adapter	35	5.97
<b>642-3750</b>	2" Threaded Straight Adapter	50	5.97



## Drains & Suctions - Ratings You Can Trust / 32" Diamond Fiberglass Strip Drain



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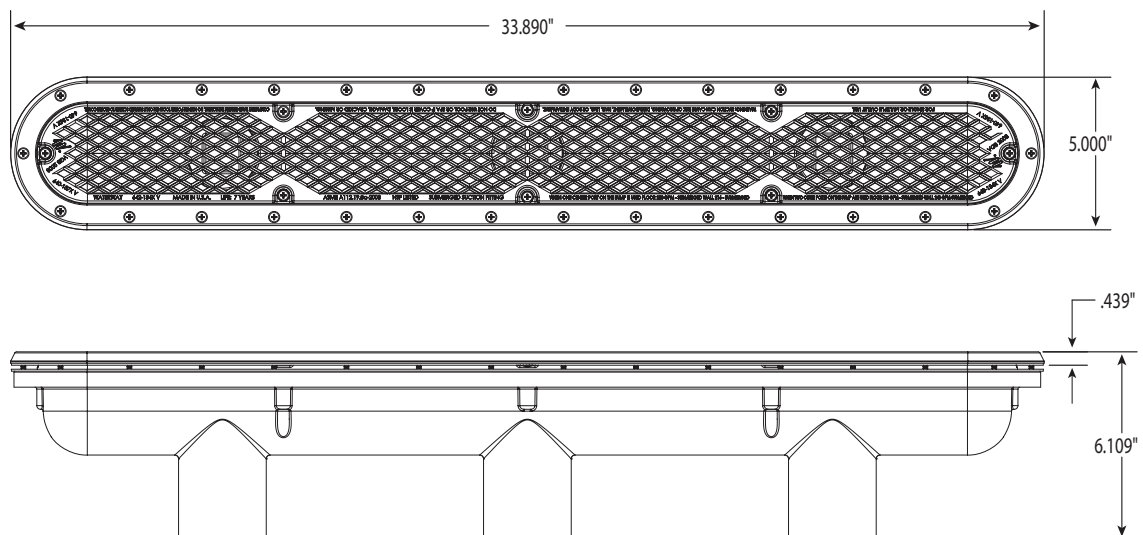
### FEATURES:

- Extremely safe Unblockable suction
- Ideal for swim spa use

### SPECIFICATIONS:

- Total Open Area: 37.7 sq. in.
- 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

640-1340LG V



### 32" Diamond Fiberglass Strip Drain

Part No.	Description	Case Quantity	List (US \$)
<b>640-134xLG V</b>	32" Diamond Strip Drain - Fiberglass	1	347.80

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