



# 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>



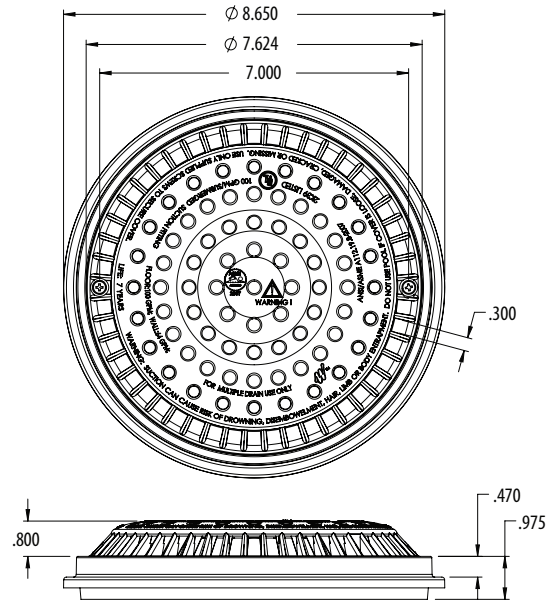
## Drains & Suctions - Ratings You Can Trust / 8" & 10" Covers and Frames



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 \$)
<b>640-231x V</b>	8" Anti-Vortex Cover & Frame	17.67 lbs.	25	18.94

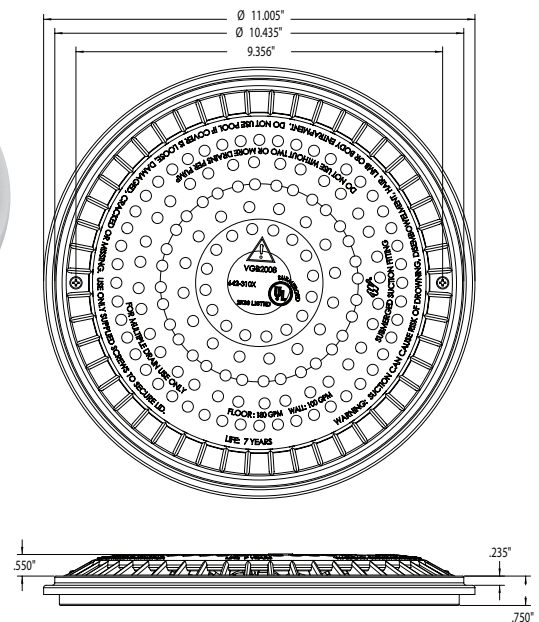
Replace the final x in the part number with the color of your choice (see page iv for colors).



640-3110 V

### SPECIFICATIONS:

- Total Open Area: 14.34 sq. in.
- Frame Size: 11" Round
- Floor Flow Rate: 180 GPM @ 4.04 ft/sec
- Wall Flow Rate: 100 GPM @ 2.24 ft/sec
- Flow Rate @ 1.5 ft/sec: 67 GPM



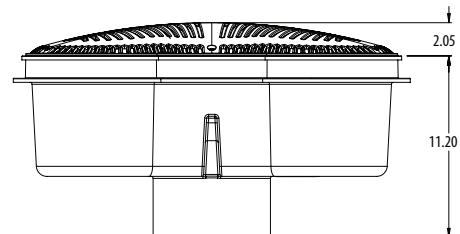
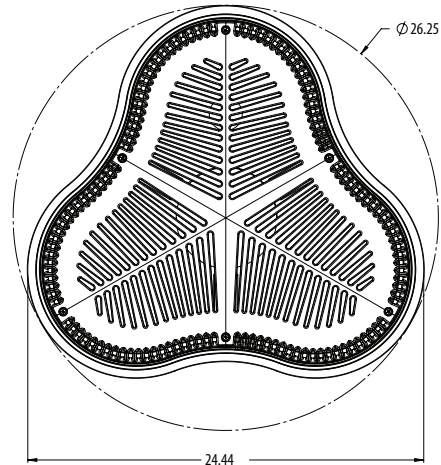
### 10" Covers and Frames

Part No.	Description	Case Weight	Case Quantity	List (US \$)
<b>640-311x V</b>	10" Anti-Vortex Cover & Frame	22.65 lbs.	20	34.46

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


**UNBLOCKABLE**


Pat. #7,820,041

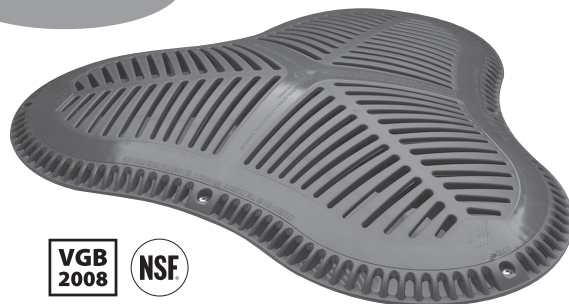
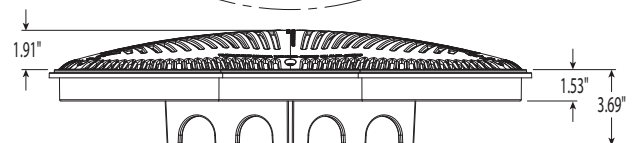
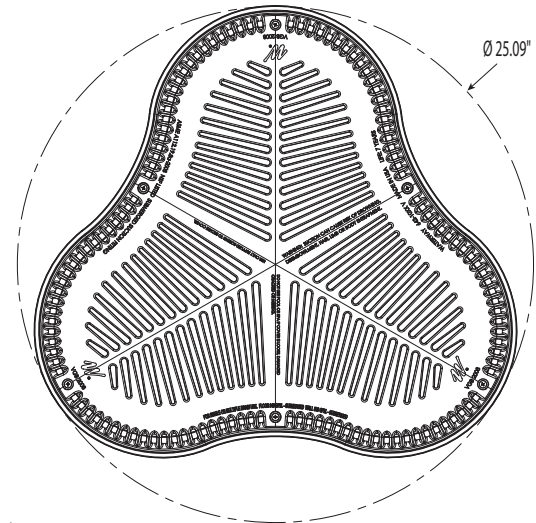

**640-1000 V**

**SPECIFICATIONS:**

- Total Open Area: 78.92 sq. in.
- Frame Size: Freeform Design
- Floor Flow Rate: 840 GPM @ 3.71 ft/sec
- Wall Flow Rate: 508 GPM @ 2.24 ft/sec
- Flow Rate @ 1.5 ft/sec: 341.2 GPM

**Clover Drains**

Part No.	Description	Case Quantity	List (US \$)
<b>640-100x V</b>	Clover Drain Assembly	1	959.56

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

**UNBLOCKABLE**

**640-1029-DKG V**

**SPECIFICATIONS:**

- Total Open Area: 78.92 sq. in.
- Frame Size: Freeform Design
- Floor Flow Rate: 840 GPM @ 3.71 ft/sec
- Wall Flow Rate: 508 GPM @ 2.24 ft/sec
- Flow Rate @ 1.5 ft/sec: 341.2 GPM

**Clover Drains for Field Built Sumps**

Part No.	Description	Case Quantity	List (US \$)
<b>640-102x V</b>	Clover Drain Assembly for Field Built Sumps	1	959.56

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 / 8" and 10" Ultra Drains



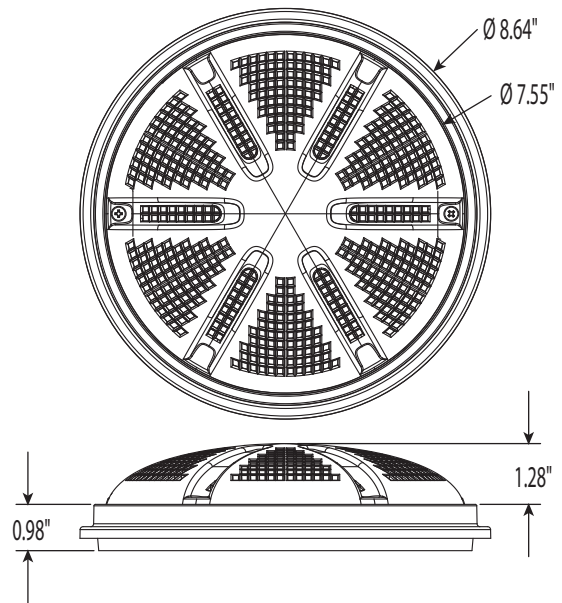
VGB  
2008



640-8100 V

### SPECIFICATIONS:

- Total Open Area: 8.32 sq. in.
- Frame Size: 8" Round
- Floor Flow Rate: 192 GPM @ 7.38 ft/sec
- Wall Flow Rate: 92 GPM @ 3.54 ft/sec
- Flow Rate @ 1.5 ft/sec: 39 GPM



### 8" Ultra Drains

Part No.	Description	Case Weight	Case Quantity	List (US \$)
<b>640-810x V</b>	8" Ultra Drain Suction Outlet	18.92 lbs.	20	65.51

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



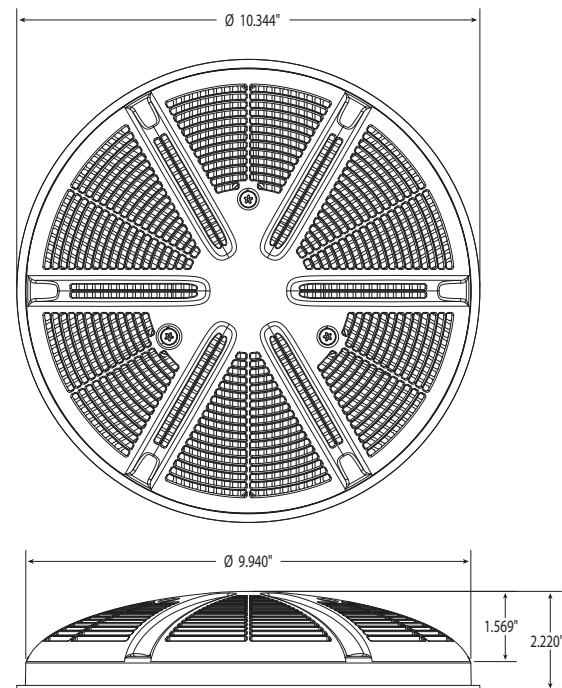
VGB  
2008



640-2120 V

### 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 Drains

Part No.	Description	Case Weight	Case Quantity	List (US \$)
<b>640-212x V</b>	10" Ultra Drain Suction Outlet	18.92 lbs.	20	54.77

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

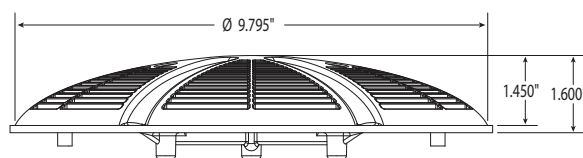
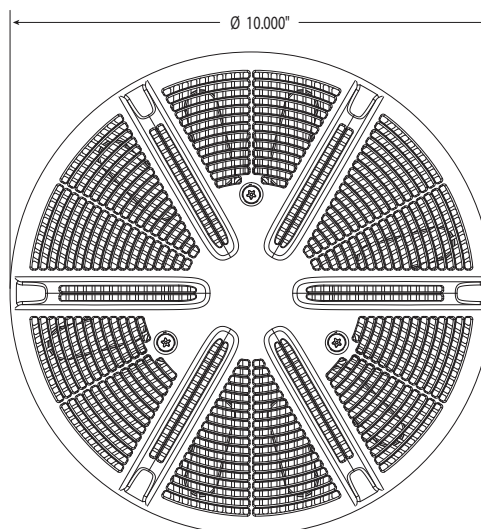




640-2130 V

## 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 \$)
<b>640-213x V</b>	10" Ultra-Retro Drain Suction Outlet	18.92 lbs.	20	75.50

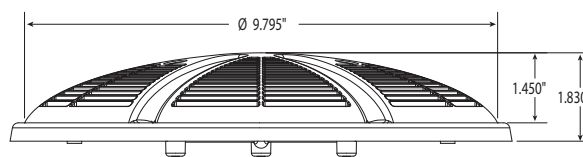
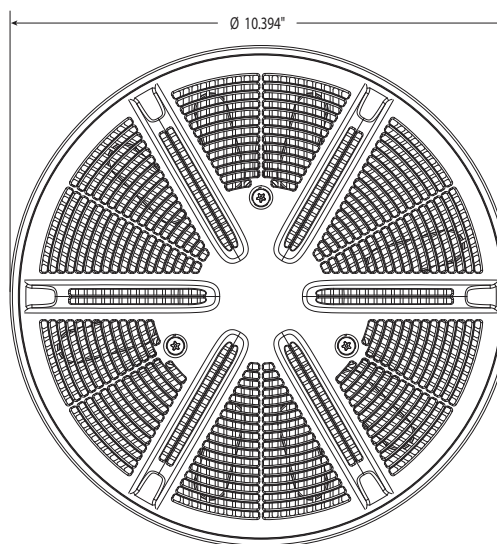
Replace the final x in the part number with the color of your choice (see page iv for colors).



640-2140 V

## 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



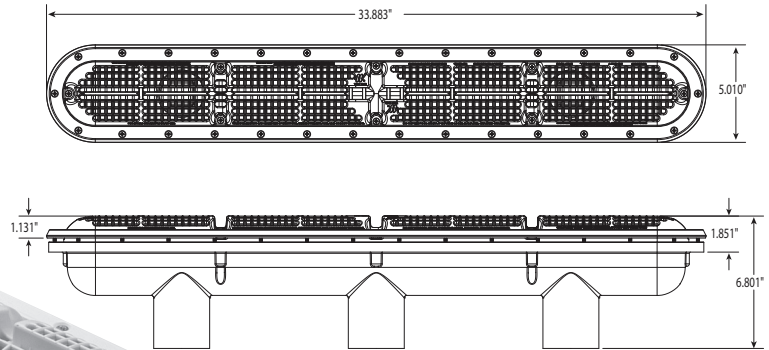
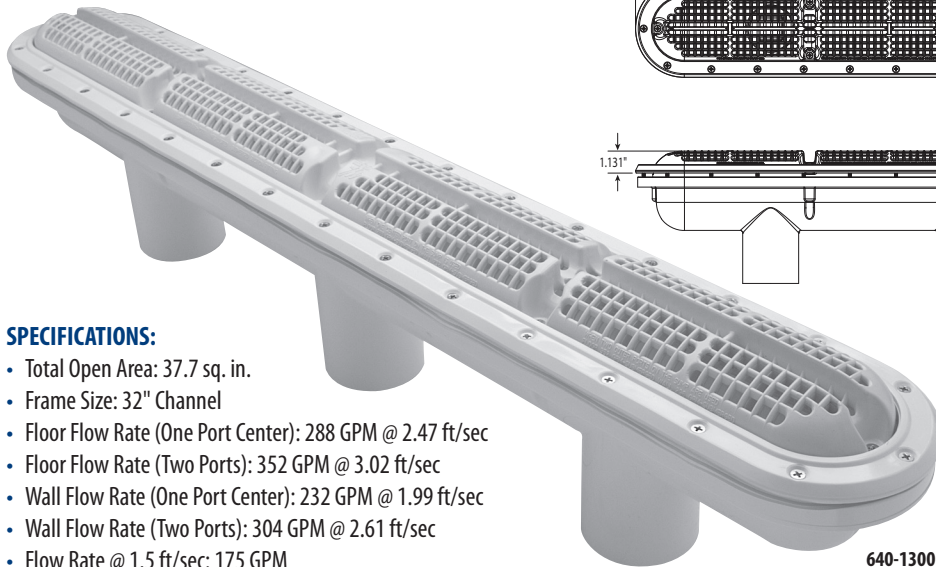
## 10" Ultra-Retro Drains - Vinyl

Part No.	Description	Case Weight	Case Quantity	List (US \$)
<b>640-214x V</b>	10" Ultra-Retro Drain Suction Outlet - Vinyl	18.92 lbs.	20	75.50

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 / 32" Ultra Strip Drains



### 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

640-1300 V

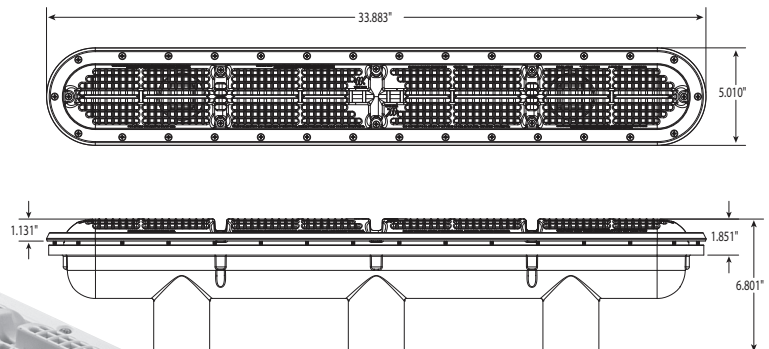
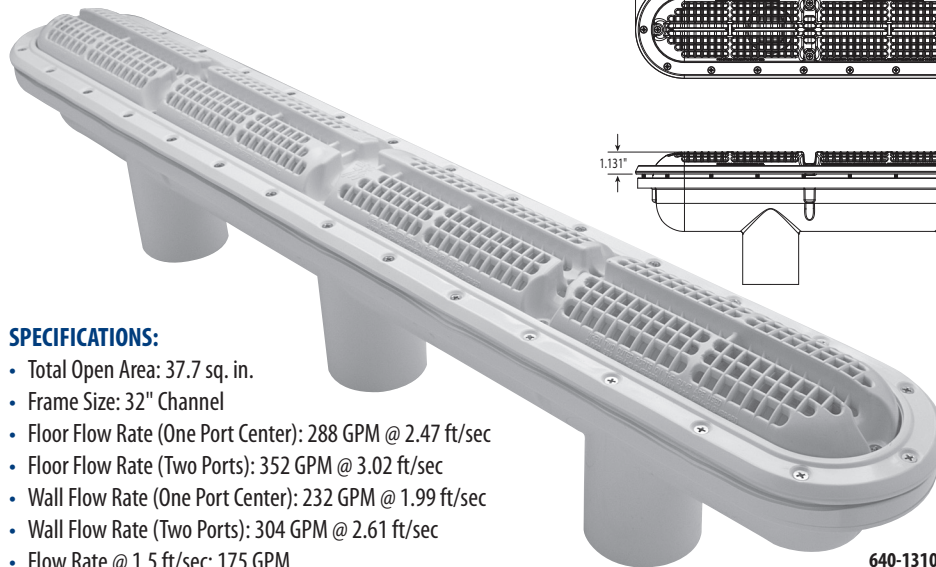
**UNBLOCKABLE**



### 32" Ultra Strip Drains - Vinyl

Part No.	Description	Case Quantity	List (US \$)
<b>640-130xV</b>	32" Ultra Strip Drain - Vinyl	1	358.10

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



### 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

640-1310 V

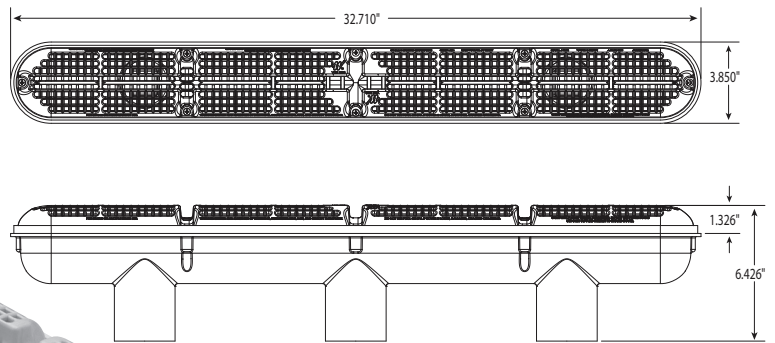
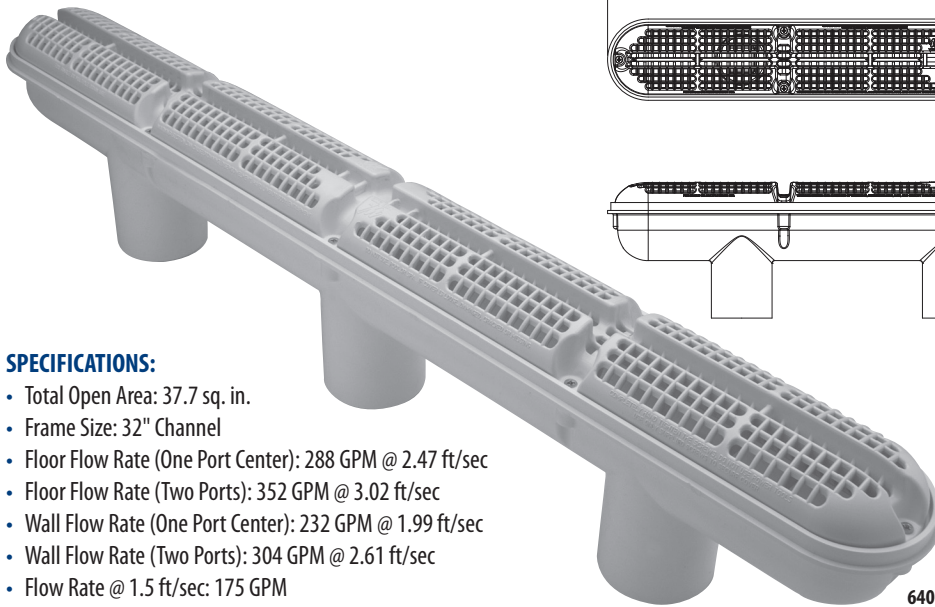
**UNBLOCKABLE**



### 32" Ultra Strip Drains - Fiberglass

Part No.	Description	Case Quantity	List (US \$)
<b>640-131xV</b>	32" Ultra Strip Drain - Fiberglass	1	

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



## 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

640-1320 V

**UNBLOCKABLE**

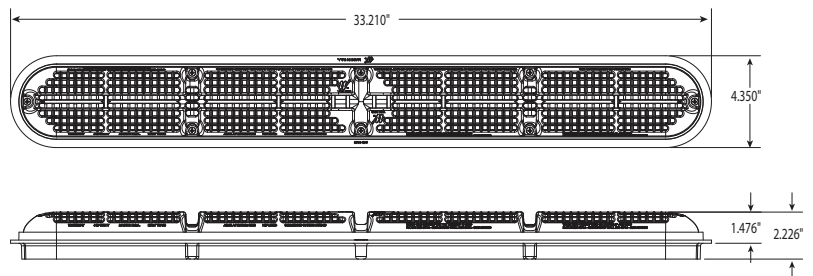
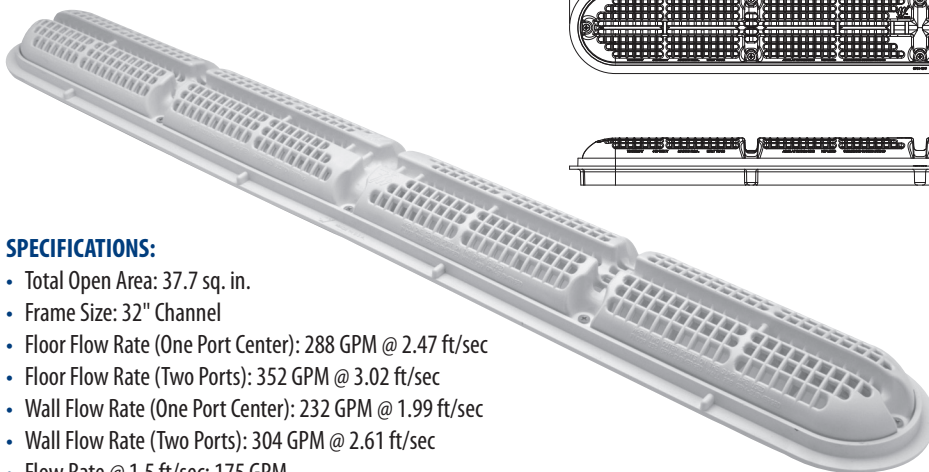
VGB  
2008



## 32" Ultra Strip Drains - Concrete

Part No.	Description	Case Quantity	List (US \$)
<b>640-132x V</b>	32" Ultra Strip Drain - Concrete	1	272.95

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



## 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

640-1330 V

**UNBLOCKABLE**

VGB  
2008



## 32" Ultra Strip Drains - Field Built Sumps

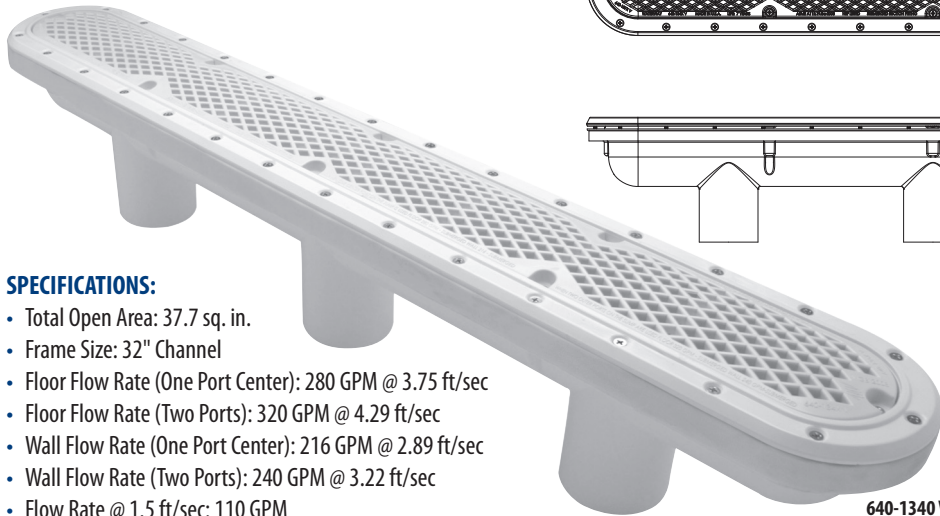
Part No.	Description	Case Quantity	List (US \$)
<b>640-133x V</b>	32" Ultra Strip Drain - Field Built Sumps	1	

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





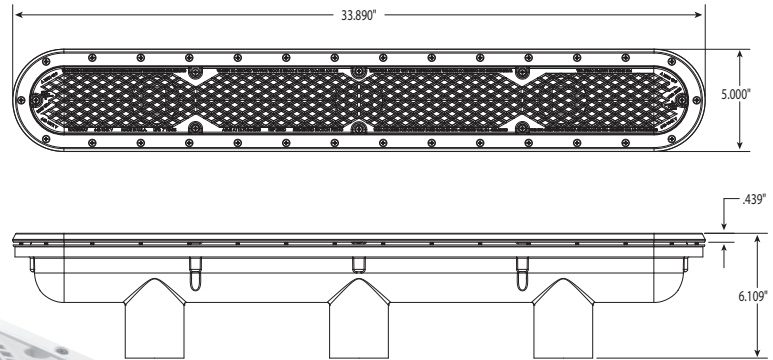
## Drains & Suctions - Ratings You Can Trust / 32" Diamond Strip Drains



### 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

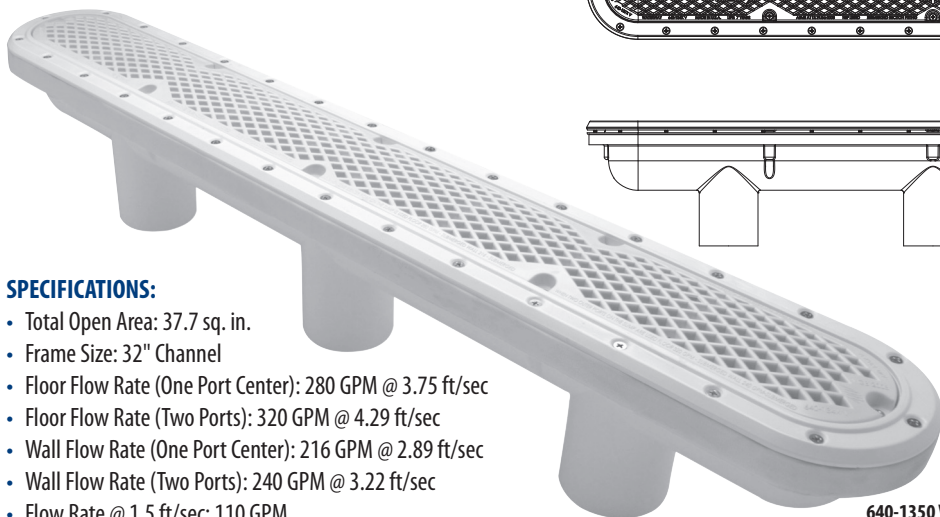
640-1340 V



### 32" Diamond Strip Drains - Vinyl

Part No.	Description	Case Quantity	List (US \$)
<b>640-134x V</b>	32" Diamond Strip Drain - Vinyl	1	358.10

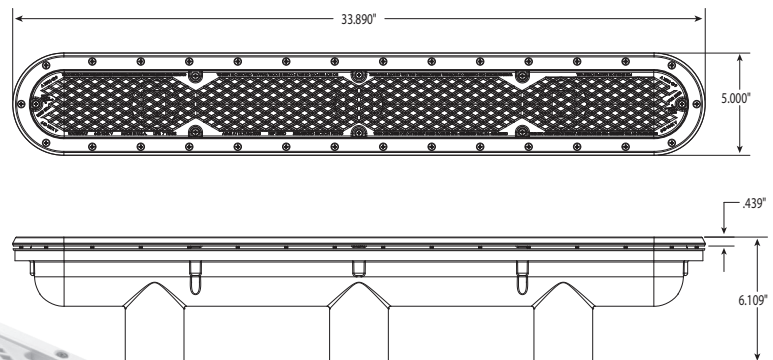
Replace the final x in the part number with the color of your choice (see page iv for colors).



### 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

640-1350 V

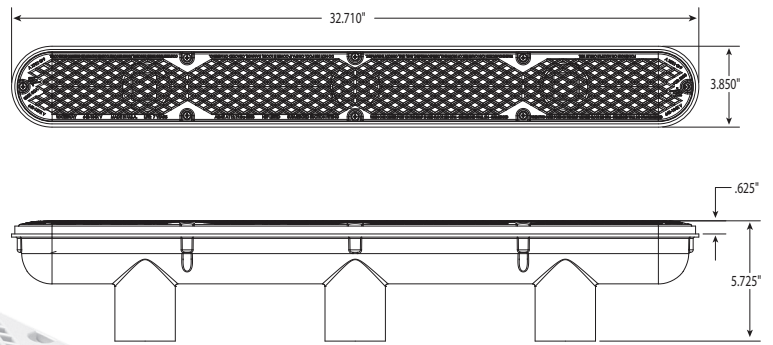
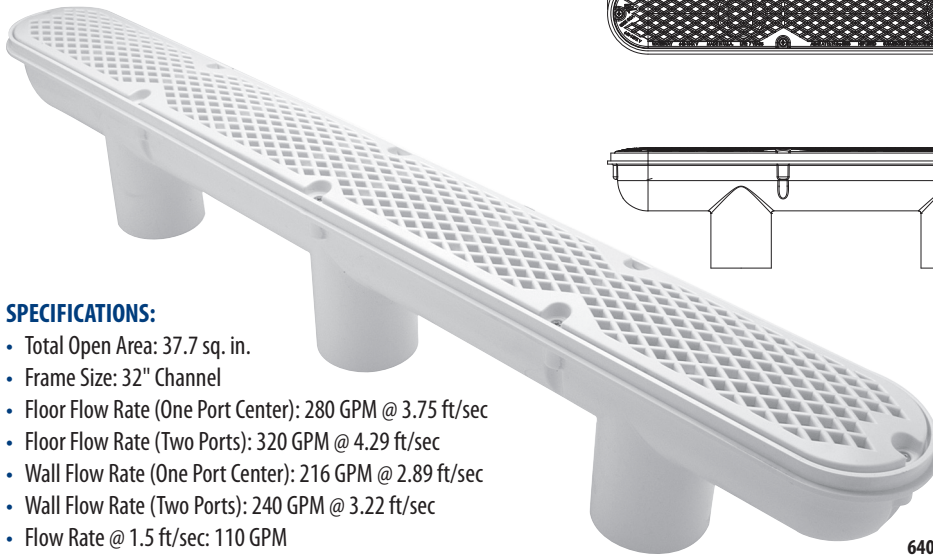


### 32" Diamond Strip Drains - Fiberglass

Part No.	Description	Case Quantity	List (US \$)
<b>640-135x V</b>	32" Diamond Strip Drain - Fiberglass	1	358.10
<b>640-134xLG V</b>	32" Diamond Strip Drain for Fiberglass Spas	1	347.80

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





## 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

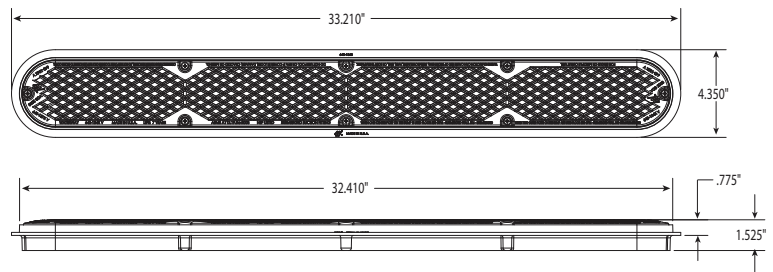
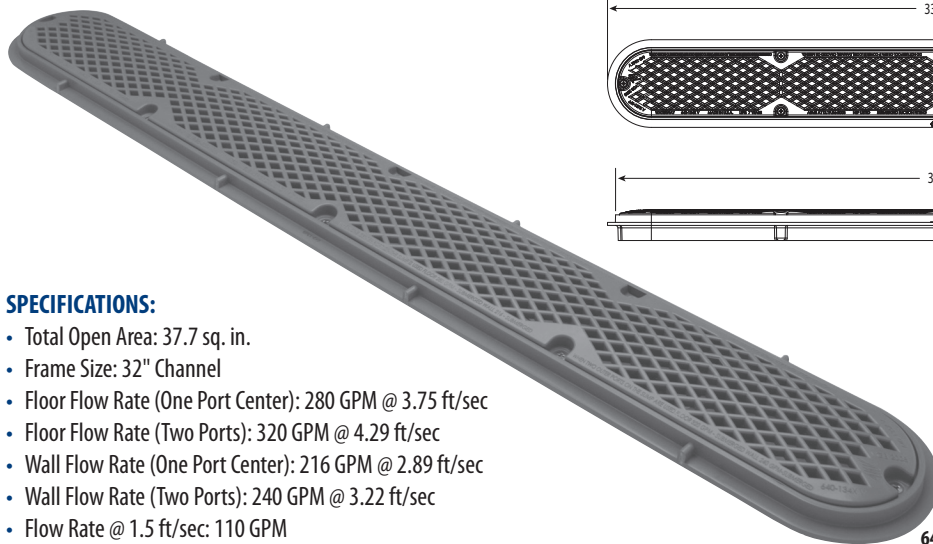
640-1360 V



## 32" Diamond Strip Drains - Concrete

Part No.	Description	Case Quantity	List (US \$)
<b>640-136x V</b>	32" Diamond Strip Drain - Concrete	1	272.97

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



## 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

640-1377 V



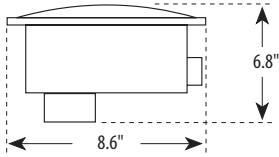
## 32" Diamond Strip Drains - Field Built Sumps

Part No.	Description	Case Quantity	List (US \$)
<b>640-137x V</b>	32" Diamond Strip Drain - Field Built Sumps	1	172.53

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 / Concrete Sump Bodies & Assemblies



**SIDE x BOTTOM**



**672-2410**



**672-2500**



**640-2520 V**



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

### Concrete Bodies and Assemblies - Side x Bottom

Part No.	Description	Case Quantity	List (US \$)
<b>672-2410</b>	8" Sump Body - Concrete - 1 1/2" S	7	34.23
<b>672-2500</b>	8" Sump Body - Concrete - 2" FPT	7	34.23
<b>672-2510</b>	8" Sump Body - Concrete - 2" S	7	34.23
<b>640-242x V</b>	8" Sump Assembly - Concrete - 1 1/2" S - with 8" Anti-Vortex Drain Cover	8	36.73
<b>640-252x V</b>	8" Sump Assembly - Concrete - 2" S - with 8" Anti-Vortex Drain Cover	8	36.73
<b>640-255x V</b>	8" Sump Assembly - Concrete - 2" FPT - with 8" Anti-Vortex Drain Cover	8	36.73

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

### FEATURES:

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



**672-2600**



**640-2400**



**672-2900**



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

### Deep Sump Bodies and Assemblies - Side x Bottom

Part No.	Description	Case Quantity	List (US \$)
<b>672-2610</b>	8" Deep Sump Body - Concrete - 2 1/2" S	1	47.92
<b>672-2600</b>	8" Deep Sump Body - Concrete - 2 1/2" FPT	1	47.92
<b>640-241x V</b>	8" Deep Sump Assembly - Concrete - 2 1/2" S - with 8" Anti-Vortex Drain Cover	1	66.86
<b>640-240x V</b>	8" Deep Sump Assembly - Concrete - 2 1/2" FPT - with 8" Anti-Vortex Drain Cover	25	66.86
<b>640-711x V</b>	8" Deep Sump Assembly - Concrete - 2 1/2" S - with 8" Ultra Drain Cover	4	97.62
<b>640-710x V</b>	8" Deep Sump Assembly - Concrete - 2 1/2" FPT - with 8" Ultra Drain Cover	4	97.62
<b>672-2710</b>	10" Deep Sump Body - Concrete - 2 1/2" S	15	91.04
<b>672-2700</b>	10" Deep Sump Body - Concrete - 2 1/2" FPT	15	91.04
<b>672-2910</b>	10" Deep Sump Body - Concrete - 3" S	1	100.15
<b>672-2900</b>	10" Deep Sump Body - Concrete - 3" FPT	15	100.15
<b>640-721x V</b>	10" Deep Sump Assembly - Concrete - 2 1/2" S - with 10" Ultra Drain Cover	4	141.88
<b>640-720x V</b>	10" Deep Sump Assembly - Concrete - 2 1/2" FPT - with 10" Ultra Drain Cover	4	141.88
<b>640-731x V</b>	10" Deep Sump Assembly - Concrete - 3" S - with 10" Ultra Drain Cover	4	150.08
<b>640-730x V</b>	10" Deep Sump Assembly - Concrete - 3" FPT - with 10" Ultra Drain Cover	4	150.08

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



672-2430



672-2530



640-2750 V

## Vinyl Liner Sump Bodies & Assemblies - Side x Bottom

Part No.	Description	Case Quantity	List (US \$)
<b>672-2430</b>	8" Sump Body - Vinyl - 1 1/2" S	7	34.23
<b>672-2420</b>	8" Sump Body - Vinyl - 1 1/2" FPT	7	34.23
<b>672-2520</b>	8" Sump Body - Vinyl - 2" S	7	34.23
<b>672-2530</b>	8" Sump Body - Vinyl - 2" FPT	7	34.23
<b>640-266x V</b>	8" Sump Assembly - Vinyl - 1 1/2" S - with 8" Anti-Vortex Drain Cover	1	46.21
<b>640-262x V</b>	8" Sump Assembly - Vinyl - 1 1/2" FPT - with 8" Anti-Vortex Drain Cover	1	46.21
<b>640-275x V</b>	8" Sump Assembly - Vinyl - 2" S - with 8" Anti-Vortex Drain Cover	1	46.21
<b>640-272x V</b>	8" Sump Assembly - Vinyl - 2" FPT - with 8" Anti-Vortex Drain Cover	1	46.21



**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 iv for colors).



672-2620



672-2740



672-2950

## FEATURES:

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

## Vinyl Liner Deep Sump Bodies and Assemblies - Side x Bottom

Part No.	Description	Case Quantity	List (US \$)
<b>672-2620</b>	8" Deep Sump Body - Vinyl - 2 1/2" S	4	60.38
<b>672-2630</b>	8" Deep Sump Body - Vinyl - 2 1/2" FPT	4	60.38
<b>640-268x V</b>	8" Deep Sump Assembly - Vinyl - 2 1/2" S - with 8" Anti-Vortex Drain Cover	1	79.32
<b>640-269x V</b>	8" Deep Sump Assembly - Vinyl - 2 1/2" FPT - with 8" Anti-Vortex Drain Cover	1	79.32
<b>640-714x V</b>	8" Deep Sump Assembly - Vinyl - 2 1/2" S - with 8" Ultra Drain Cover	4	113.02
<b>640-715x V</b>	8" Deep Sump Assembly - Vinyl - 2 1/2" FPT - with 8" Ultra Drain Cover	4	113.02
<b>672-2740</b>	10" Deep Sump Body - Vinyl - 2 1/2" S	1	114.72
<b>672-2750</b>	10" Deep Sump Body - Vinyl - 2 1/2" FPT	1	114.72
<b>672-2940</b>	10" Deep Sump Body - Vinyl - 3" S	1	126.20
<b>672-2950</b>	10" Deep Sump Body - Vinyl - 3" FPT	1	126.20
<b>640-724x V</b>	10" Deep Sump Assembly - Vinyl - 2 1/2" S - with 10" Ultra Drain Cover	4	171.20
<b>640-725x V</b>	10" Deep Sump Assembly - Vinyl - 2 1/2" FPT - with 10" Ultra Drain Cover	4	171.20
<b>640-734x V</b>	10" Deep Sump Assembly - Vinyl - 3" S - with 10" Ultra Drain Cover	4	181.53
<b>640-735x V</b>	10" Deep Sump Assembly - Vinyl - 3" FPT - with 10" Ultra Drain Cover	4	181.53



**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 iv for colors).

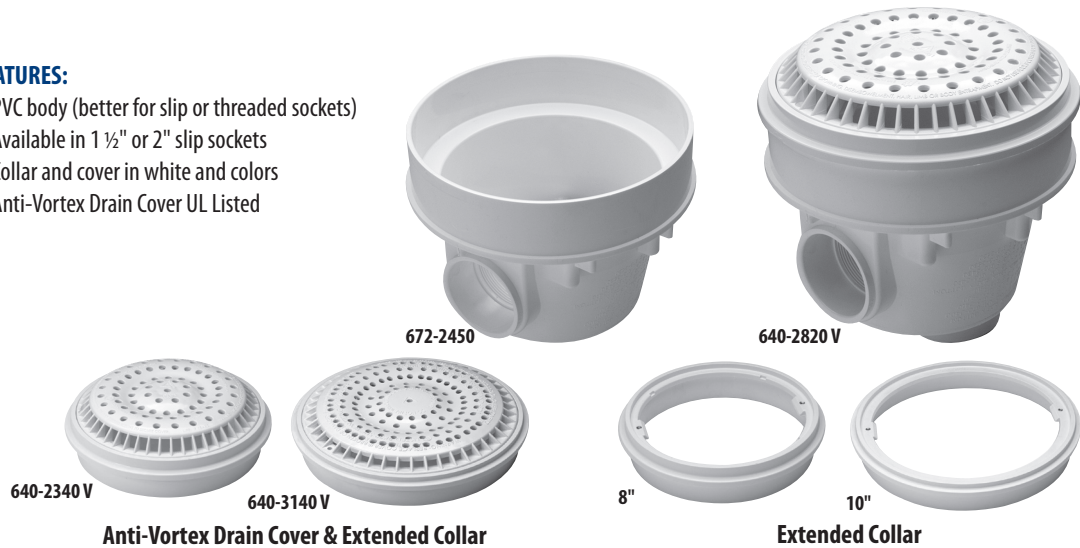


## Drains & Suctions - Ratings You Can Trust / Adjustable Collar Sump Bodies & Assemblies

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 1/2" or 2" slip sockets
- Collar and cover in white and colors
- Anti-Vortex Drain Cover UL Listed



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

### Adjustable Collar Sump Bodies & Assemblies

Part No.	Description	Case Quantity	List (US \$)
<b>672-2450</b>	8" Sump Body - Adjustable Collar - 1 1/2" S (Side x Bottom)	6	23.93
<b>672-2550</b>	8" Sump Body - Adjustable Collar - 2" S (Side x Bottom)	6	23.93
<b>672-2560</b>	8" Sump Body - Adjustable Collar - 2" S (Side Only)	8	23.93
<b>640-282x V</b>	8" Sump Assembly - Adjustable Collar - 1 1/2" S (Side x Bottom) - with 8" Anti-Vortex Drain Cover	8	43.29
<b>640-292x V</b>	8" Sump Assembly - Adjustable Collar - 2" S (Side x Bottom) - with 8" Anti-Vortex Drain Cover	8	43.29
<b>640-234x V</b>	8" Anti-Vortex Drain Cover and Extended Collar Assembly	15	19.37
<b>640-314x V</b>	10" Anti-Vortex Drain Cover and Extended Collar Assembly	15	36.01

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

### FEATURES:

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



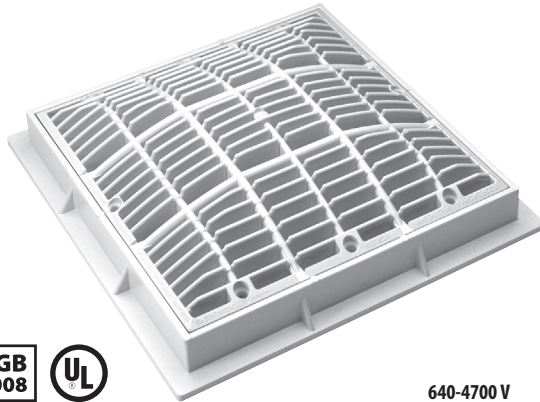
**Note:** Always use two or more drains per pump.

### Adjustable Collar Deep Sump Bodies & Assemblies - Side x Bottom

Part No.	Description	Case Quantity	List (US \$)
<b>672-2640</b>	8" Deep Sump Body - Adjustable Collar - 2 1/2" S	1	33.50
<b>640-283x V</b>	8" Deep Sump Assembly - Adjustable Collar - 2 1/2" S - with 8" Anti-Vortex Drain Cover	1	76.89
<b>640-712x V</b>	8" Deep Sump Assembly - Adjustable Collar - 2 1/2" S - with 8" Ultra Drain Cover	1	86.09
<b>640-713x V</b>	8" Deep Sump Assembly - Adjustable Collar - 2 1/2" FPT - with 8" Ultra Drain Cover	1	86.09
<b>672-2720</b>	10" Deep Sump Body - Adjustable Collar - 2 1/2" S	1	94.96
<b>672-2730</b>	10" Deep Sump Body - Adjustable Collar - 2 1/2" FPT	1	94.96
<b>672-2920</b>	10" Deep Sump Body - Adjustable Collar - 3" S	1	104.45
<b>672-2930</b>	10" Deep Sump Body - Adjustable Collar - 3" FPT	1	104.45
<b>640-722x V</b>	10" Deep Sump Assembly - Adjustable Collar - 2 1/2" S - with 10" Ultra Drain Cover	1	145.41
<b>640-723x V</b>	10" Deep Sump Assembly - Adjustable Collar - 2 1/2" FPT - with 10" Ultra Drain Cover	1	145.41
<b>640-732x V</b>	10" Deep Sump Assembly - Adjustable Collar - 3" S - with 10" Ultra Drain Cover	1	153.95
<b>640-733x V</b>	10" Deep Sump Assembly - Adjustable Collar - 3" FPT - with 10" Ultra Drain Cover	1	153.95

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

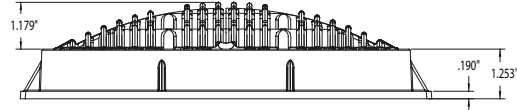
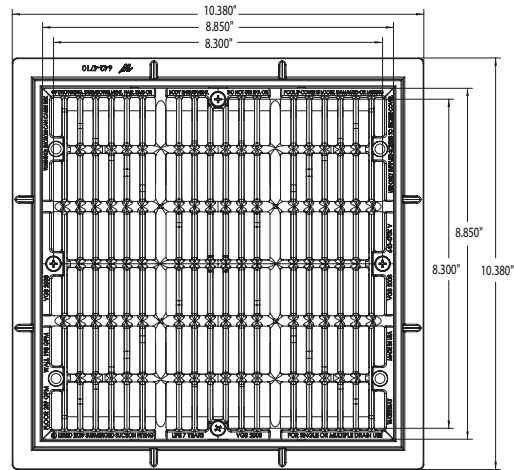



VGB  
2008


640-4700 V

#### SPECIFICATIONS:

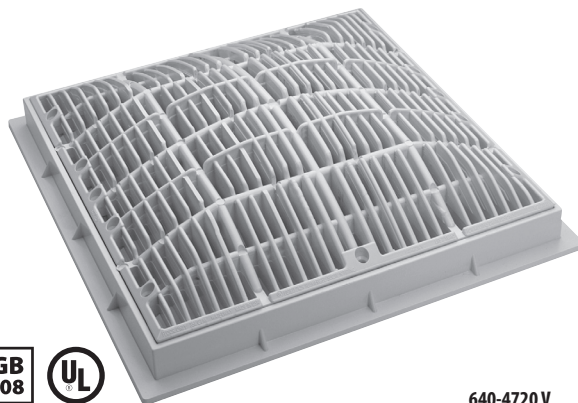
- Total Open Area: 39.9 sq. in.
- Frame Size: 10.375" x 10.375"
- Floor Flow Rate: 289 GPM @ 2.33 ft/sec
- Wall Flow Rate: 198 GPM @ 1.59 ft/sec
- Flow Rate @ 1.5 ft/sec: 186 GPM



#### 9" x 9" Grate and Frame

Part No.	Description	Case Quantity	List (US \$)
<b>640-470x V</b>	9" x 9" Grate & Frame	12	75.39

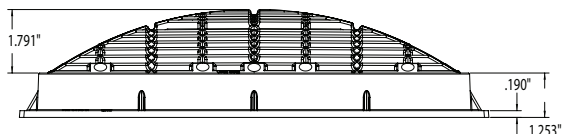
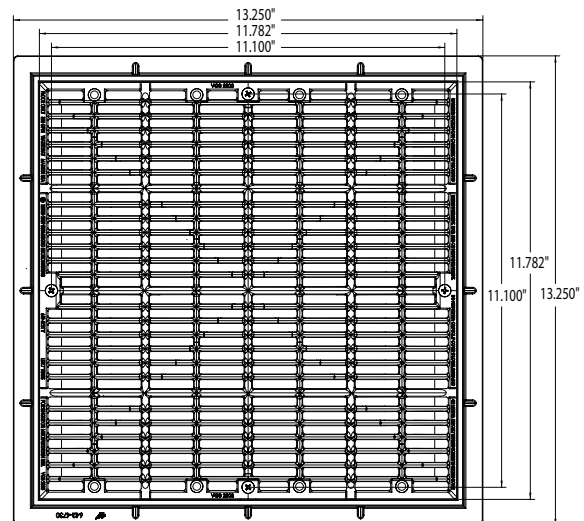
Replace the final x in the part number with the color of your choice (see page iv for colors).


VGB  
2008


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 \$)
<b>640-472x V</b>	12" x 12" Grate & Frame	10	114.36

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 / 18" x 18" & 24" x 24" Grate & Frame



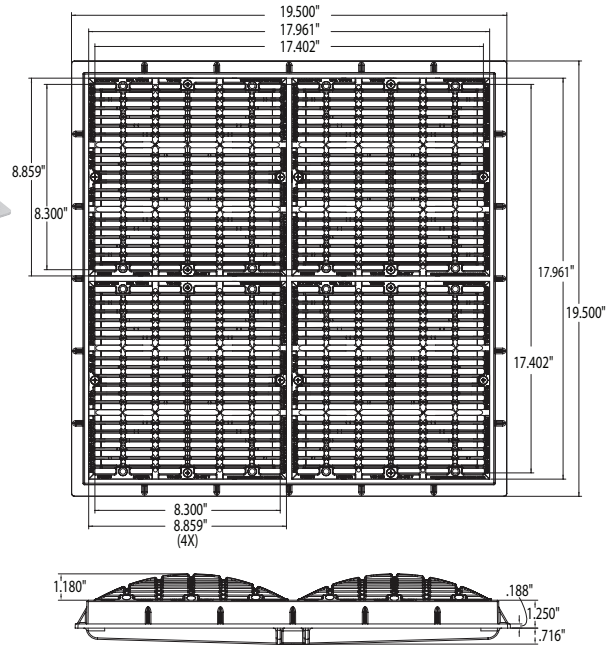
VGB  
2008



640-4750 V

### FEATURES:

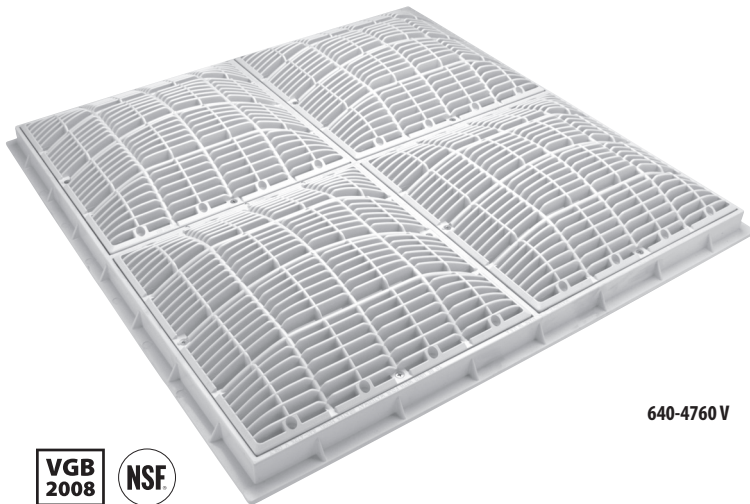
- Total Open Area: 159.6 sq. in.
- Frame Size: 19.5" x 19.5"
- Floor Flow Rate: 540 GPM @ 1.09 ft/sec
- Wall Flow Rate: N/A
- Flow Rate @ 1.5 ft/sec: 744 GPM



### 18" x 18" Grate and Frame

Part No.	Description	Case Quantity	List (US \$)
640-475x V	18" x 18" Grate & Frame	1	416.74

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



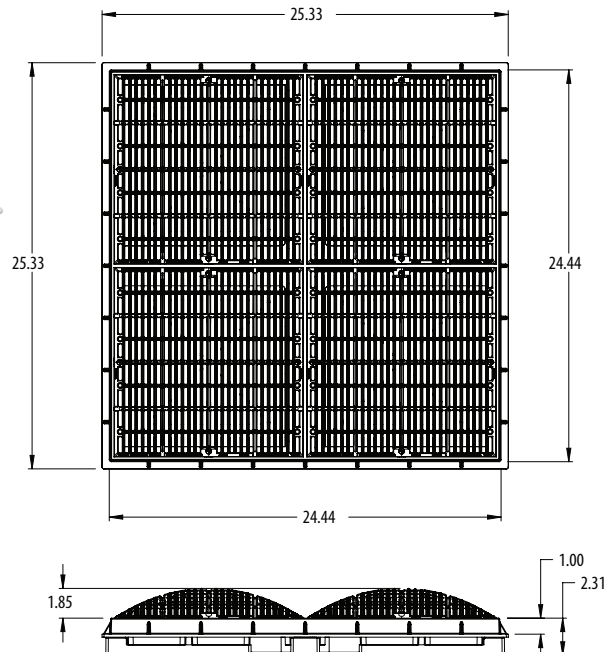
VGB  
2008



640-4760 V

### FEATURES:

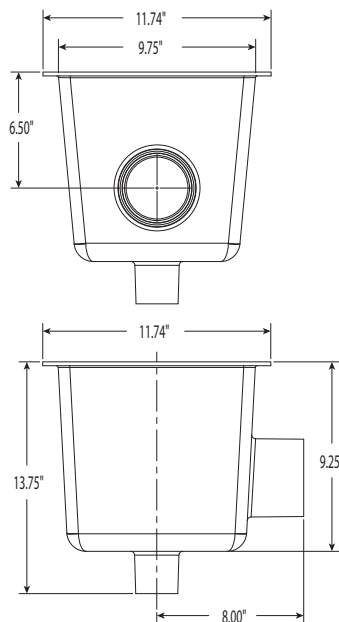
- Total Open Area: 249.6 sq. in.
- Frame Size: 25.33" x 25.33"
- Floor Flow Rate: 2035 GPM @ 2.62 ft/sec
- Wall Flow Rate: N/A
- Flow Rate @ 1.5 ft/sec: 1168 GPM



### 24" x 24" Grate and Frame

Part No.	Description	Case Quantity	List (US \$)
640-476x V	24" x 24" Grate & Frame	1	536.64

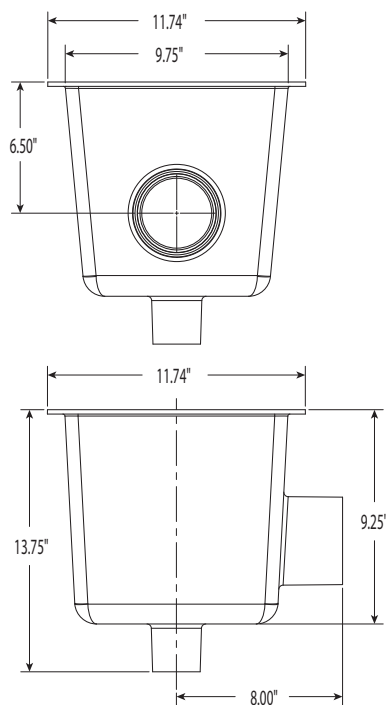
Replace the final x in the part number with the color of your choice (see page iv for colors).



### 9" x 9" Fiberglass Sump Assembly

Part No.	Description	Case Quantity	List (US \$)
<b>675-320xV</b>	9" x 9" Fiberglass Sump Assembly - 4" S x 4" NPT - with 9" x 9" Grate & Frame	1	464.87

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



### 12" x 12" Fiberglass Sump Assembly

Part No.	Description	Case Quantity	List (US \$)
<b>675-310xV</b>	12" x 12" Fiberglass Sump Assembly - 6" S x 6" NPT - with 12" x 12" Grate & Frame	1	551.23

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 Maxi-Flo Suctions for Skimmer Equalizer



VGB  
2008



640-8017 V



VGB  
2008



640-8037 V

### SPECIFICATIONS:

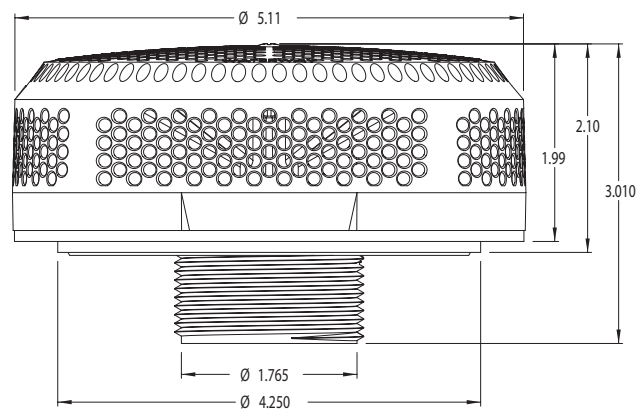
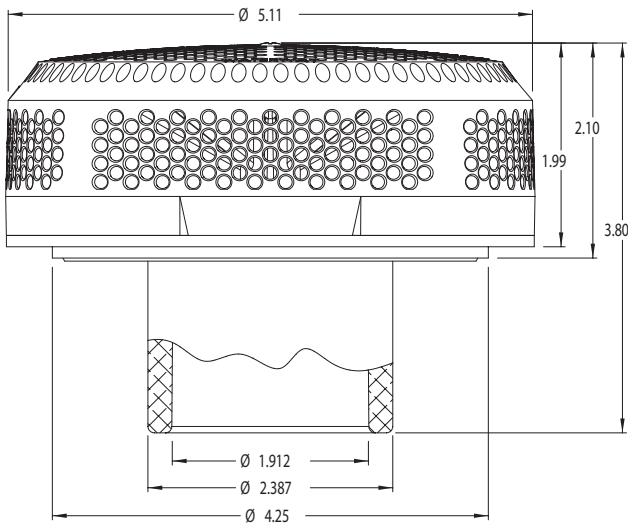
- Total Open Area: 9.02 sq. in.
- Floor Flow Rate: N/A
- Wall Flow Rate: 164 GPM @ 5.85 ft/sec
- Flow Rate @ 1.5 ft/sec: 42 GPM

### FEATURES:

- Available in 2" Spigot x 1 1/2" S and 1 1/2" MPT
- Removable cover to meet code as well as easy servicing

### SPECIFICATIONS:

- Total Open Area: 9.02 sq. in.
- Floor Flow Rate: N/A
- Wall Flow Rate: 106 GPM @ 3.79 ft/sec
- Flow Rate @ 1.5 ft/sec: 42 GPM



### 5" Super Maxi-Flo for Skimmer Equalizer

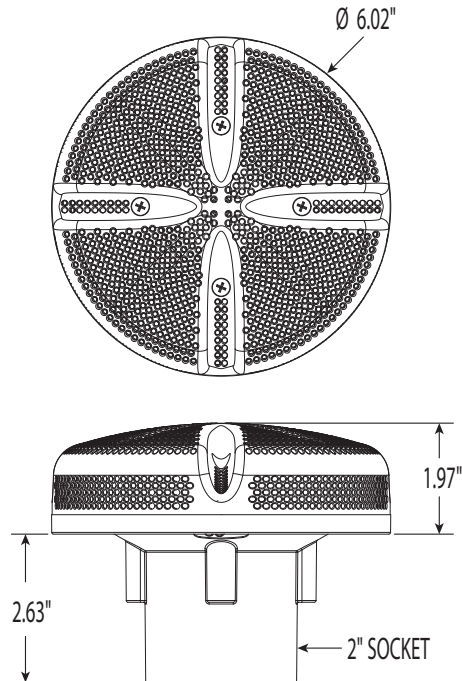
Part No.	Description	Case Weight	Case Quantity	List (US \$)
<b>640-801x V</b>	Super Maxi-Flo for Skimmer Equalizer - 1 1/2" S x 2" Spigot	25 lbs.	35	42.01
<b>640-803x V</b>	Super Maxi-Flo for Skimmer Equalizer - 1 1/2" MPT	25 lbs.	35	42.01

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



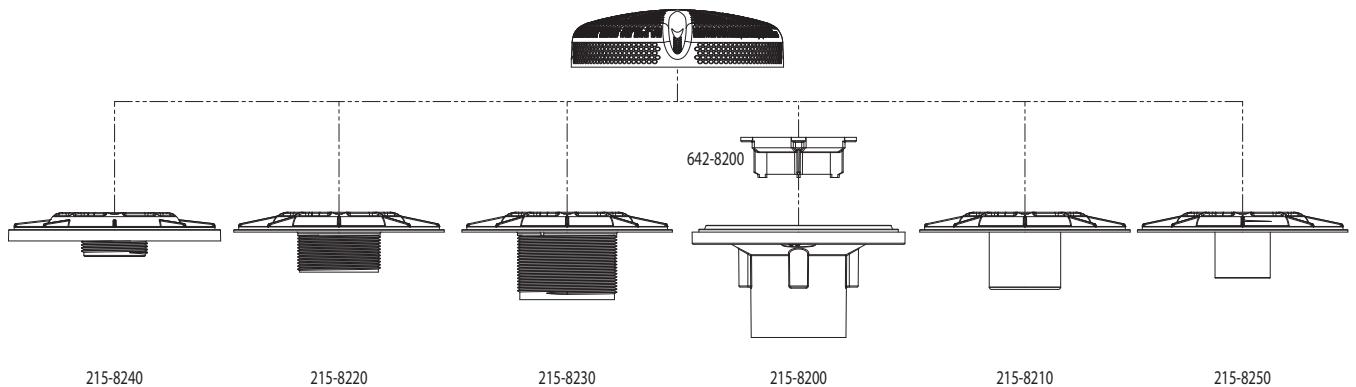


640-8200 V



## 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 \$)
<b>640-820x V</b>	6" Ultra Suction (Model 640-82XX V) with 2" Equalizer Wall Fitting (215-8200)	--	61.50
<b>640-823x V</b>	6" Ultra Suction (Model 640-82XX V) with 2 1/2" Threaded Wall Fitting (215-8230)	--	61.31
<b>640-822x V</b>	6" Ultra Suction (Model 640-82XX V) with 2" Threaded Wall Fitting (215-8220)	--	60.38
<b>640-821x V</b>	6" Ultra Suction (Model 640-82XX V) with 2" Insider Wall Fitting (215-8210)	--	45.40
<b>640-824x V</b>	6" Ultra Suction (Model 640-82XX V) with 1 1/2" Threaded Wall Fitting (215-8240)	--	45.40
<b>640-825x V</b>	6" Ultra Suction (Model 640-82XX V) with 1 1/2" Insider Wall Fitting (215-8250)	--	45.40
<b>215-8200</b>	Wall Fitting for 6" Ultra Suction - 2" Equalizer	--	21.67
<b>215-8230</b>	Wall Fitting for 6" Ultra Suction - 2 1/2" Threaded	--	21.67
<b>215-8220</b>	Wall Fitting for 6" Ultra Suction - 2" Threaded	--	16.67
<b>215-8210</b>	Wall Fitting for 6" Ultra Suction - 2" Insider	--	16.67
<b>215-8240</b>	Wall Fitting for 6" Ultra Suction - 1 1/2" Threaded	--	16.67
<b>215-8250</b>	Wall Fitting for 6" Ultra Suction - 1 1/2" Insider	--	16.67

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 / SPC-2 V - 3.5" Hi-Flo Suctions

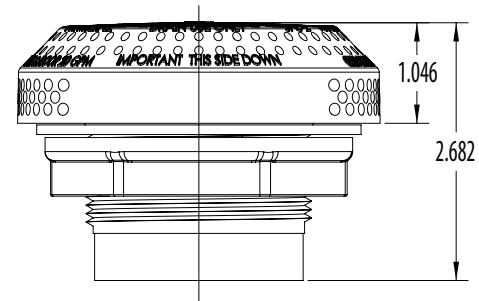
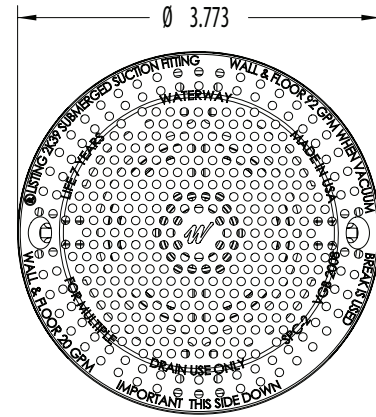


### FEATURES:

- New Hi-Flo rating of 20 GPM (without vacuum break)
- Available in 1 1/2" S sizes
- Can be used with vacuum break fittings (below) for an extra high rating of 92 GPM

### SPECIFICATIONS:

- Total Open Area: 4.01 sq. in.
- Floor Flow Rate: N/A
- Wall Flow Rate: 92 GPM @ 7.36 ft/sec (with vacuum break)
- Flow Rate @ 1.5 ft/sec: 18.75 GPM



### SPC-2 V - 3.5" Hi-Flo Suctions

Part No.	Description	Case Quantity	List (US \$)
<b>640-325x V</b>	Hi-Flo Suction Assembly - 1 1/2" Hex (without Vacuum Break)	80	16.35
<b>640-328x V</b>	Hi-Flo Suction Assembly - 1 1/2" 90° Ell (without Vacuum Break)	80	20.13
<b>640-348x V</b>	Hi-Flo Suction Assembly - 1 1/2" 90° Ell (with 642-4120 VAC Vacuum Break)	80	20.13

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

### FEATURES:

- Improves performance and safety
- Complies with VGB2008
- UL tested to meet requirements of ASME A112.19.8-2007
- Available in two different plumbing configurations
- Increases UL Approved flow rating to 92 GPM



### Vacuum Break Fittings for SPC-2 V Suctions

Part No.	Description	Case Quantity	List (US \$)
<b>411-4000 VAC</b>	90° Ell 1 1/2" S x 1 1/2" Spigot with Vacuum Break Port	80	4.55
<b>642-4120 VAC</b>	90° Ell 1 1/2" S with Vacuum Break Port (included with 640-348x V)	80	4.57
<b>642-4140 VAC</b>	2" S x 2" S Suction Tee with Vacuum Break	80	8.38



## FEATURES:

- New Super Hi-Flo rating of 180 GPM
- Self-Contained (Portable) Spa rating of 251 GPM
- Available in 2" and 2 ½" S sizes
- 2 ½" can be used with vacuum break fittings (below) for an extra high rating of 232 GPM (non-Stainless Steel ONLY!)



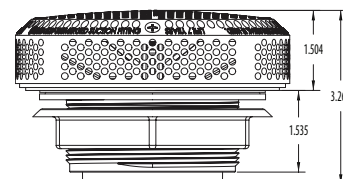
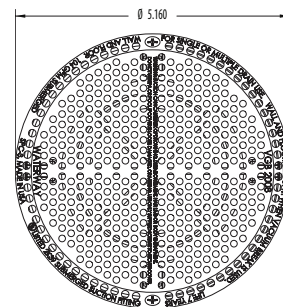
640-3580S V

## SPECIFICATIONS:

- Total Open Area: 9.02 sq. in.
- Floor Flow Rate: N/A
- Wall Flow Rate: 180 GPM @ 6.42 ft/sec
- Flow Rate @ 1.5 ft/sec: 42 GPM



640-3577 V



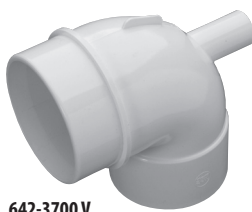
## SPC-3 V & SPC-3M V - 5" Hi-Flo Suctions

Part No.	Description	Case Quantity	List (US \$)
<b>640-357x V</b>	Super Hi-Flo Suction Assembly - 2" S	35	22.73
<b>640-3570S V</b>	Super Hi-Flo Suction Assembly - 2" S - Stainless Steel	40	33.37
<b>640-358x V</b>	Super Hi-Flo Suction Assembly - 2 ½" S	40	22.73
<b>640-3580S V</b>	Super Hi-Flo Suction Assembly - 2 ½" S - Stainless Steel	40	33.37

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



642-3610 V



642-3700 V



413-2330 V



642-3680 V



640-3750 V



642-3680



642-3700

## FEATURES:

- For 2 ½" Super Hi-Flo Suctions (non-stainless steel) only
- Improves performance and safety
- Available in four different plumbing configurations
- Increases UL Approved flow rating to 232 GPM

## Vacuum Break Fittings for 2 ½" SPC-3 V Suctions

Part No.	Description	Case Qty.	List (US \$)
<b>413-2330 V</b>	2" Vacuum Break Suction Tee	30	6.13
<b>642-3610 V</b>	2 ½" S Vacuum Break 90° Ell	40	5.25
<b>642-3700 V</b>	2" S Vacuum Break 90° Ell	50	5.08
<b>642-3680 V</b>	2" Straight Vacuum Break	70	5.08
<b>640-3750 V</b>	¾" SB Suction Vent	50	9.04

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

Part No.	Description	Case Qty.	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° Ell Adapter	55	5.97



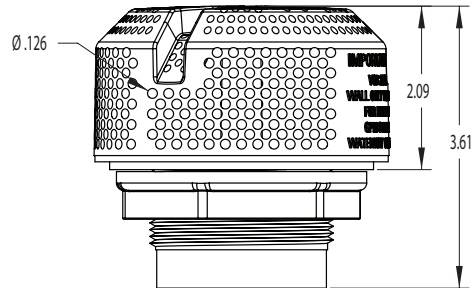
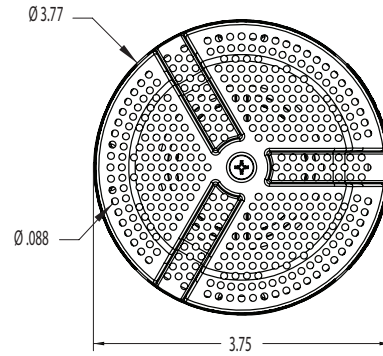
Patent Pending



640-3497 V

#### SPECIFICATIONS:

- Total Open Area: 6.24 sq. in.
- Floor Flow Rate: N/A
- Wall Flow Rate: 120 GPM @ 6.19 ft/sec
- Flow Rate @ 1.5 ft/sec: 29 GPM



### 3.5" Ultra Hi-Flo Suctions

Part No.	Description	Case Quantity	List (US \$)
<b>640-349x V</b>	3.5" Ultra Hi-Flo Suction - Tall Assembly	50	16.35

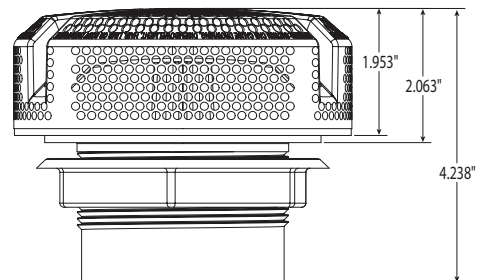
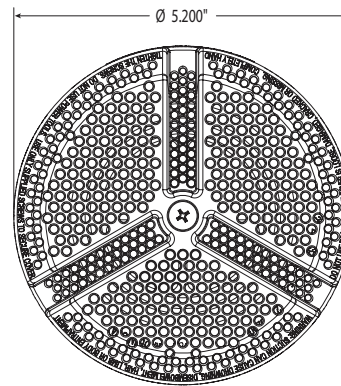
Replace the final x in the part number with the color of your choice (see page iv for colors).



640-3937 V

#### SPECIFICATIONS:

- Total Open Area: 11.87 sq. in.
- Floor Flow Rate: N/A
- Wall Flow Rate: 224 GPM @ 6.07 ft/sec
- Flow Rate @ 1.5 ft/sec: 55.2 GPM

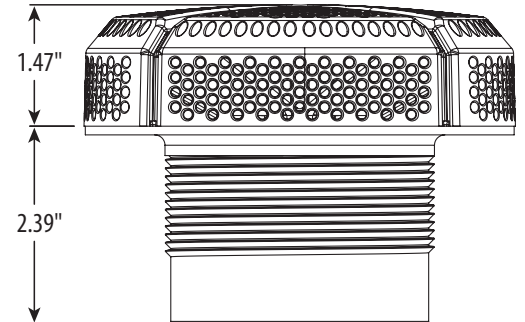
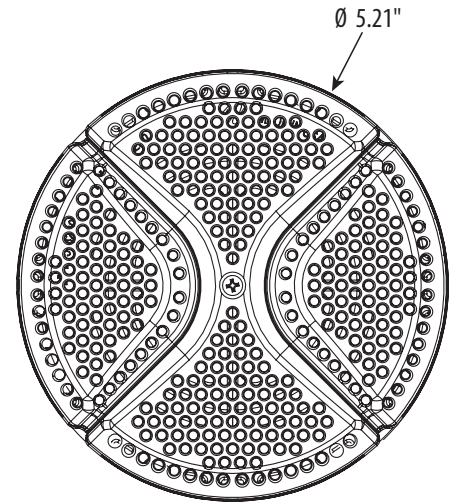
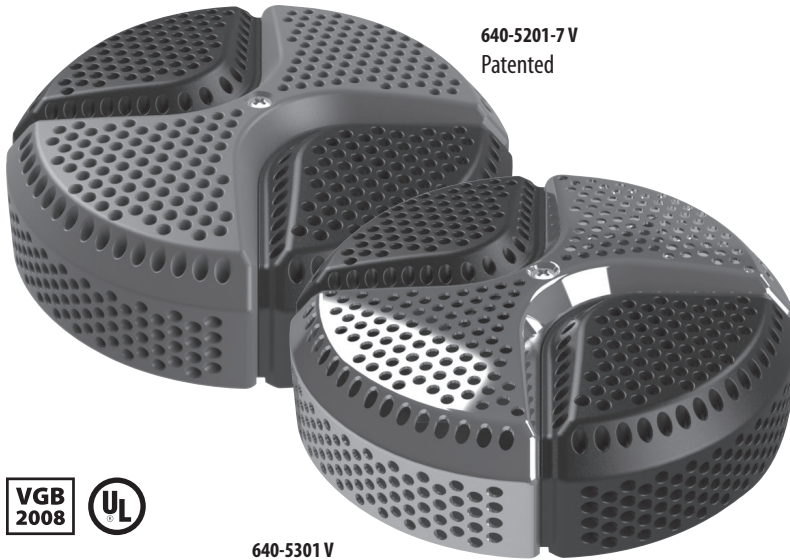


### 5" Ultra Super Hi-Flo Suctions

Part No.	Description	Case Quantity	List (US \$)
<b>640-393x V</b>	5" Ultra Super Hi-Flo Suction	--	22.73

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





## FEATURES:

- Flow Rate of 152 GPM
- 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).