WHISPERFLO**XF**®

HIGH PERFORMANCE PUMP

KEY FEATURES

Cam and Ramp™ Lid
Makes inspection and cleaning simple and quick

Built-in handle
For easy installation

Union connectors
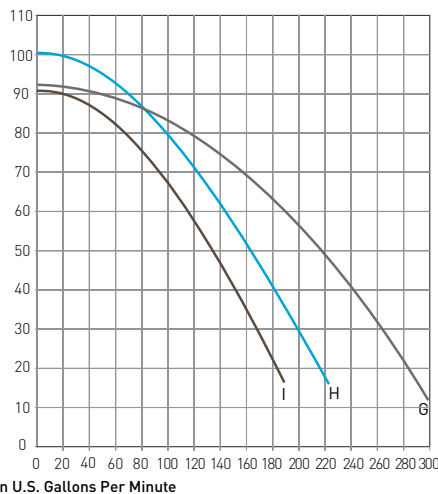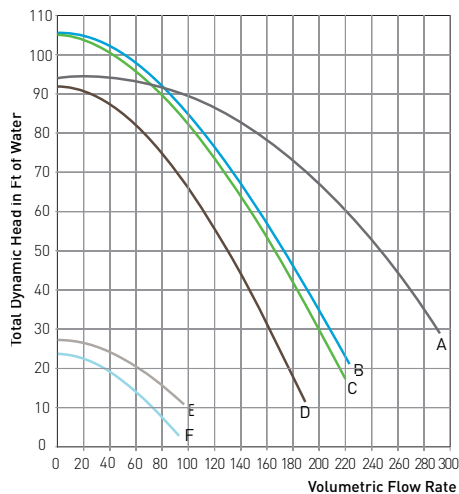2.5" or 3" union connectors included

Oversized strainer basket
Extends time between cleanings

TEFC/Super-Duty motor options
Provide superior performance and longevity

PERFORMANCE CURVES

Performance Curve	Model	Description
A	XFE-20	5 HP, Single Speed Full Rated
A	XFET-20	5 HP, TEFC Super-Duty Single Speed
G	XFK-20	5 HP, 3-Phase, Super-Duty Motor
B	XFE-12	3 HP, Single Speed Full Rated
B, E	XFDS-12	3 HP, 2-Speed Full Rated
B	XFET-12	3 HP, TEFC Super-Duty Single Speed
H	XFK-12	3 HP, 3-Phase, Super-Duty Motor
C	XF-12	3 HP, Single Speed Full Rated
D	XFE-8	2 HP, Single Speed Full Rated
D	XFET-8	2 HP, TEFC Super-Duty Single Speed
D	XF-8	2 HP, Single Speed Full Rated
D, F	XFDS-8	2 HP, 2-Speed Full Rated
D	XFE-30	2.5 HP, Single Speed Up Rated
D	XF-30	2.5 HP, Single Speed Up Rated
D, F	XFDS-30	2.5 HP, 2-Speed, Up Rated
I	XFK-8	2 HP, 3-Phase, Super-Duty Motor

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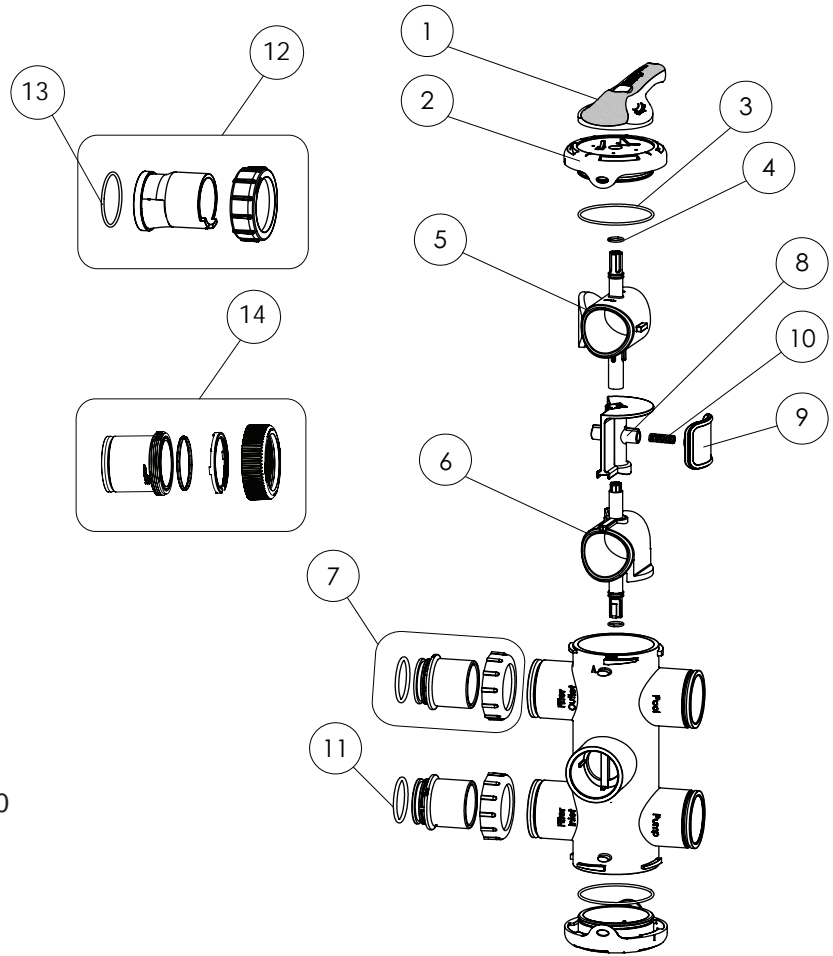
FullFloXF™
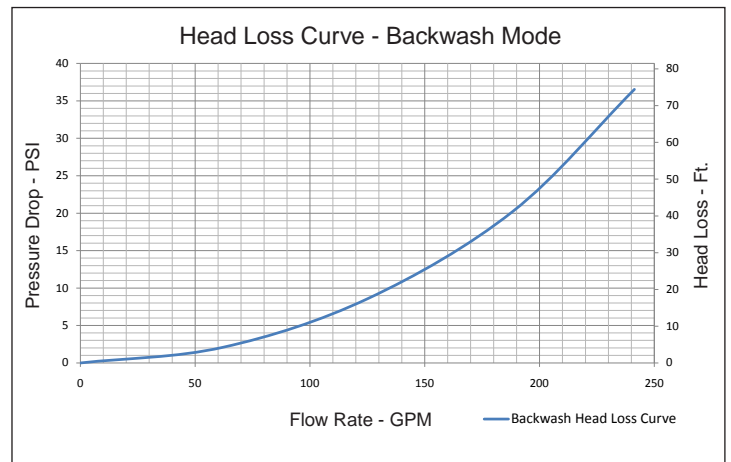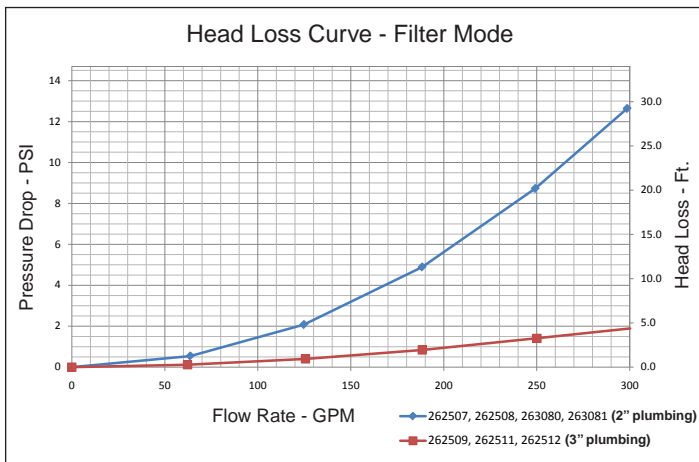## Backwash Valve

Installation and User's Guide

IMPORTANT SAFETY INSTRUCTIONS
READ AND FOLLOW ALL INSTRUCTIONS
SAVE THESE INSTRUCTIONS

Replacement Parts

Item No.	Part No.	Description
1	270187z	Handle
2	270190z	End Cap, 2 required
3	270197z	O-Ring #2-244 Buna (two required)
4	192039	O-Ring #2-116 Buna (two required)
5	270199z	Outlet Diverter
6	270200z	Inlet Diverter
7	274426z	Pentair Union Assembly
8	274416z	Center Diverter
9	274417z	Waste Seal
10	274421z	Waste Seal Spring
11	274494	O-Ring #2-332 Buna
12	261067z	Sta-Rite Union Assembly
13	U9-362	O-Ring #2-231 Buna
14	411101z	XF Union Kit
		(Not Shown)
-	270514z	Rebuild Kit: Items 3 (Qty. 2), 4 (Qty. 2), 5, 7, 10
-	270513z	O-Ring Kit: Items 3 (Qty. 2), 4 (Qty. 2)

Valve Head Loss Curves

Head Loss Curve - Filter Mode

262507, 262508, 263080, 263081 **(2" plumbing)**
262509, 262511, 262512 **(3" plumbing)**

Head Loss Curve - Backwash Mode

Backwash Head Loss Curve

Valve & Filter Connection Guide

	PENTAIR	STA-RITE	XF FILTERS

Filter Inlet- BOTTOM

P/N 263081

P/N 262508

P/N 262512

| Filter P/N	Pentair Filters
180006	FNS Plus FNSP24
180007	FNS Plus FNSP36
180008	FNS Plus FNSP48
180009	FNS Plus FNSP60

Filter P/N	Sta-Rite Filters
S7D75	System 3 DE Filter
S8D110	System 3 DE Filter
S7S50	System 3 Sand Filter
S8S70	System 3 Sand Filter

Filter P/N	XF Filters	Filter P/N	XF Filters
188626	XF Q-60 DE	188618	XF F-36 DE
188627	XF Q-80 DE	188619	XF F-48 DE
188613	XF Q-100 DE	188620	XF F-60 DE
188616	XF Q-120 DE	188621	XF F-72 DE

	PENTAIR	STA-RITE

Filter Inlet - TOP

P/N 263080

P/N 262507

Filter P/N	Pentair Filters	Filter P/N	Pentair Filters
188592	Quad DE 60	140264	TR 60 Sand
188593	Quad DE 80	140210	TR 100 Sand
188594	Quad DE 100	140243	TR 140 Sand
140212	TR 60 Sand	140335	TR 100 HD
140236	TR 40 Sand	140315	TR 100C Sand
140249	TR 50 Sand	140316	TR 140C Sand

Filter P/N	Sta-Rite Filters
PLDE 36	System 2 Mod DE
PLDE48	System 2 Mod DE
S7MD60	System 3 Mod DE
S7MD72	System 3 Mod DE

TRITON® C SERIES
COMMERCIAL SAND FILTERS

TRITON HD FILTER

The Triton heavy duty (HD) filter is a thirty-inch fiberglass filter that offers a maximum operating pressure of 75 PSI. This filter is specifically designed for special high-pressure commercial applications that require up to 98 gpm, and is ideal for all heavy-duty commercial applications.

7.72 in.

C-3

7.50 in.

C
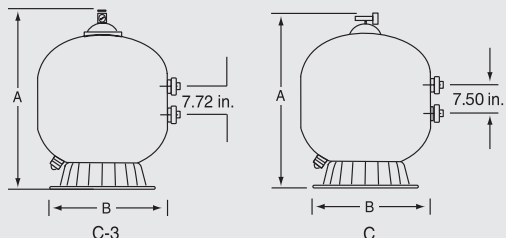
TR100 HD

Triton Commercial Series Sand Filter Specifications

Model Number	Filter Area Sq. Ft.	Flow Rate	Turnover Capacity Gallons		Dimension		Media Required	
		15 GPM/sq. ft.*	6 Hours	8 Hours	A	B	Sand	Sand/Gravel
TR100C	4.91	74	26,640	35,520	39 ¾"	30 ½"	600 lbs.	450 lbs./150 lbs.
TR140C	7.06	106	38,160	50,880	45 ¼"	36 ½"	925 lbs.	650 lbs./275 lbs.
TR100C-3	4.91	74	26,640	35,520	39 ¾"	30 ½"	600 lbs.	450 lbs./150 lbs.
TR140C-3	7.06	106	38,160	50,880	45 ¼"	36 ½"	925 lbs.	650 lbs./275 lbs.

*15 GPM/sq.ft. typical commercial flow rate, Triton C Filters are approved for 5-20 GPM/sq.ft.
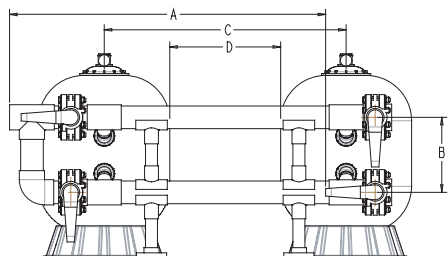
Two Filter System	A	B	C	D	Total Wt.
3"—TR100C	82 ¾"	17 ¹⁵⁄₁₆"	48" Min.	18" Min.	2,300 lbs.
3"—TR140C	88 ⅜"	17 ¹⁵⁄₁₆"	54" Min.	18" Min.	3,200 lbs.
4"—TR140C	95 ¾"	19 ³⁵⁄₆₄"	54" Min.	18" Min.	2,300 lbs.
6"—TR140C	111 ¾"	24 ⁷⁄₃₂"	54" Min.	18" Min.	3,550 lbs.

Note: 6" piping needs to be rotated upward as shown at 25° so handle will clear the floor.
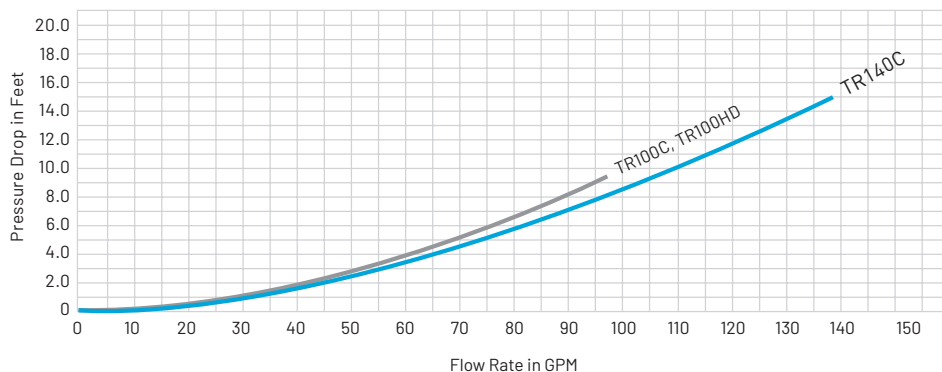
Pressure Drop in Feet vs **Flow Rate in GPM**

TR100C, TR100HD

TR140C

HIGH CAPACITY CHLORINE/BROMINE FEEDERS

The performance leader in automatic sanitization for large residential and commercial pools.

The INLET control valve side of the feeder connects to the plumbing on the discharge side of the pump, before the filter. The OUTLET side of the feeder connects to the pool return line after the filter and/or heater, pool cleaner, diverter valves or any other installed equipment. Installation of a corrosion-resistant check valve, such as #R172288 by Pentair, between the feeder inlet and outlet and the equipment is strongly recommended to check backflow of chemicals. This helps ensure equipment longevity.

KEY FEATURES

Heavy-duty control valve
For accurate feed rate adjustment.

Completely enclosed system
Prevents fumes from escaping—no special venting required.

Easy access design
For easy recharging, servicing and simple maintenance.

Threaded fittings included
Standard threaded inlet and outlet fittings included for easy installation.
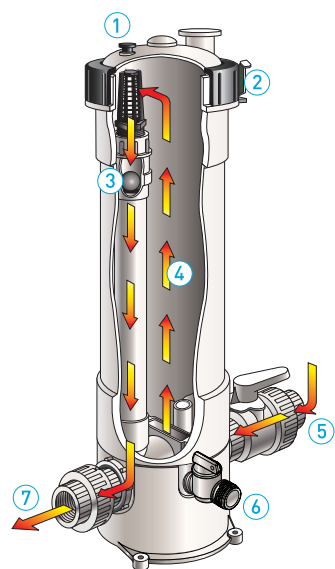
1. **Vent valve**
   bleeds air to ease lid removal.
2. **Lock ring**
   spins off, freeing lid and providing easy access. Snap-lock provides secure seal.
3. **Screen and check ball**
   are easy to reach for cleaning and periodic maintenance.
4. **Flow-through circulation**
   allows maximum output of sanitized water.
5. **External dial control**
   for easy flow rate adjustment.
6. **Drain valve**
   makes it easy to drain feeder for safer recharging and winterizing.
7. **Unions**
   are included for easy installation.

CALCIUM HYPOCHLORITE IS NOT TO BE USED IN ANY FORM.
Use of chemicals other than those recommended by manufacturer may be hazardous.

MODELS & SPECIFICATIONS

Model		HC-3315	HC-3330	HC-3340
Part Number		R171215	R171230	R171240
Height		21.5"	39.125"	49.75"
Width		8"	8"	8"
Depth		15"	15"	15"
Maintenance Clearance		22.75"	40.375"	51"
Capacity (lbs.)		15	30	40
@ 100% Setting	Flow Rate (GPM)	34	34	34
	Maximum Output Rate, Chlorine* (lbs./hr.)—Pool at Listed Flow Rate	3.65	5.2	8.54
	Maximum Output Rate, Chlorine* (lbs./hr.)—Spa at Listed Flow Rate	3.67	6.59	8.89
	Maximum Output Rate, Bromine* (lbs./hr.)—Pool at Listed Flow Rate	1.59	2.63	2.57
@ 50% Setting	Flow Rate (GPM)	17.0	17.0	17.0
	Output Rate, Chlorine* (lbs./hr.)—Pool at Listed Flow Rate	1.28	2.61	3.39
	Output Rate, Chlorine* (lbs./hr.)—Spa at Listed Flow Rate	1.19	2.54	3.86
	Output Rate, Bromine (lbs./hr.)—Pool at Listed Flow Rate	0.68	1.26	1.50
Maximum Pool Size @ 34 GPM (Chlorine-Gals)		224,000	369,000	658,500
Maximum Pool Size @ 34 GPM (Bromine-Gals)		99,200	164,000	292,600

Maximum working pressure—50 psi   *Maximum operating flow—34 GPM*
*Results based on use of 1" Trichlor tablets.

PENTAIR

Blue-White®

F-300
Variable Area Flow Meter
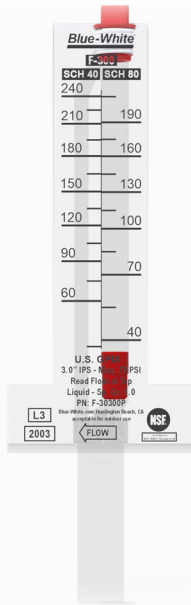
Features

> Easy to read dual scale (SCH 40 / SCH 80)

> Reads Horizontal, upwards or downwards flow

> Acceptable for outdoor installations

> Pitot Tube design makes it easy to install on existing pipe

> One-piece, machined acrylic meter body

> Standard Horizontal Units NSF 50 listed

> Optional Flow Switch available

Video link: ▶

Highlights

Flow range	Pressures up to	Max. fluid temp.
5.0 - 2,200 GPM (SCH 40)	50 PSI	190 ˚F
4.0 - 1,950 GPM (SCH 80)	(3.4 bar)	88 ˚C

Body material	Pipe sizes	Warranty
Acrylic	1" to 8"	1 Year

For more help and information regarding **F-300**, please visit www.blue-white.com or scan this QR code.

Engineering Specifications

Pipe Requirements	IPS inch pipe size (ASTM-D-1785)
Maximum Working Pressure	50 PSI (3.4 bar) at 70 ˚F (21 ˚C) F-300 Units 75 PSI (5.2 bar) at 70 ˚F (21 ˚C) U/D-300 Units
Fluid Temperature Range	0˚ to 190 ˚F / -18 to 88 ˚C @ 0 PSI
Ambient Temp Range	0˚ to 110 ˚F / -18 to 43 ˚C
Full Scale Accuracy	1", 1.25", 1.5" and 2" pipe size: 5%
	2.5", 3", 4", 6", and 8" pipe size: 10%
Calibration Fluid	Water, specific gravity 1.0
Approximate Shipping Weight	1" - 4" units: 1 lb (.45kg)
	6" - 8" units: 2 lb (.91kg)

Dimensions

F-300 Series (NSF 50 Listed)

Pipe Size	A	B
1"	6"	2-7/16"
1-1/4"	6"	2-7/16"
1-1/2"	6"	2-7/16"
2"	6"	2-7/16"
2-1/2"	6"	2-7/16"
3"	6"	2-7/16"
4"	6"	2-7/16"
6"	7-1/2"	2-7/16"
8"	7-1/2"	2-7/16"
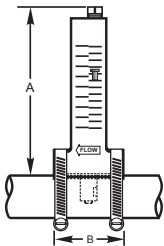
U/D-300 Series

Pipe Size	A	B
1-1/2"	6"	1-9/16"
2"	6"	1-9/16"
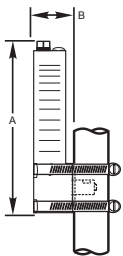
Maximum Temperature vs. Pressure

Materials of Construction
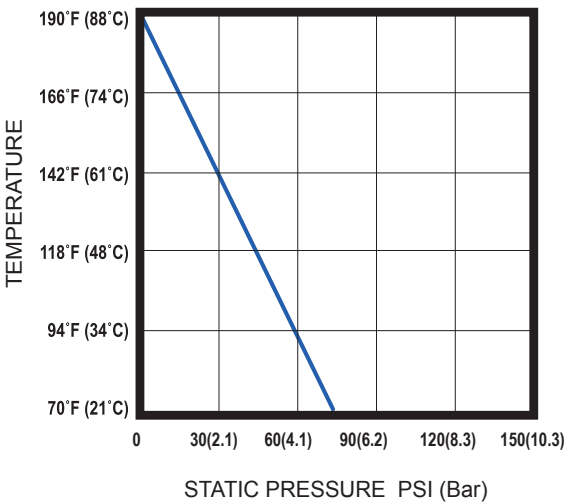
Wetted Components:

Meter Body	Acrylic
Float	PVDF
Gasket	Neoprene
Pipe Clamp	316SS

Output Specifications

Models for Mounting on Horizontal Pipe
Models for U.S. IPS Sch40 & 80 Pipe
(ASTM 1785)

Model	Pipe size	Sch40	Sch80
F-30100P	1"	5 to 35	4 to 26
F-30125P	1-1/4"	9 to 50	8 to 40
F-30150P	1-1/2"	10 to 70	10 to 60
F-30200P	2"	20 to 120	18 to 100
F-30250P	2-1/2"	29 to 150	25 to 130
F-30300P	3"	45 to 240	40 to 215
F-30400P	4"	75 to 420	70 to 375
F-30600P	6"	170 to 1100	160 to 1000
F-30800P	8"	300 to 2200	275 to 1950

Models for Mounting on Vertical Pipe
Models for U.S. IPS Sch40 & 80 Pipe
(ASTM 1785)

Model	Pipe size	Sch40	Sch80	Flow direction
U-30150P	1-1/2"	10 to 60	10 to 50	UP
D-30150P	1-1/2"	10 to 60	10 to 50	DOWN
U-30200P	2"	20 to 110	20 to 100	UP
D-30200P	2"	20 to 110	20 to 100	DOWN

Installations Requirements

The meter's accuracy is affected by disturbances such as pumps, elbows, tees, valves, etc., in the flow stream. Install the meter in a straight run of pipe as far as possible from distrubances.

Dimension	Pipe Requirement
A	Outlet pipe length = 2 x Pipe I.D.*
B	Inlet pipe length = 5 x Pipe I.D.*

* Minimum acceptable dimensions.

Note: Illustration shows D-300 Flowmeter.

VGBA-2017 PRODUCT SPECIFICATIONS
Suction Outlet Fitting Assembly (SOFA)
VGBA-2017 Flow Ratings, Sump Dimensions, and Sump Flow Path Zone
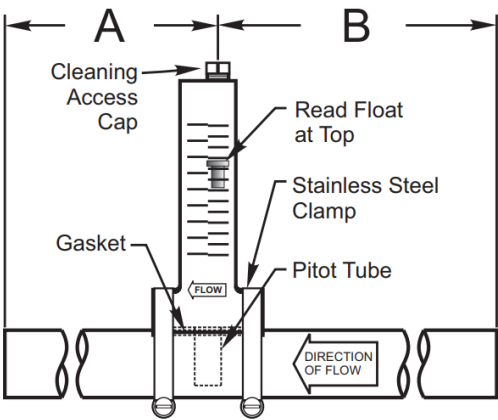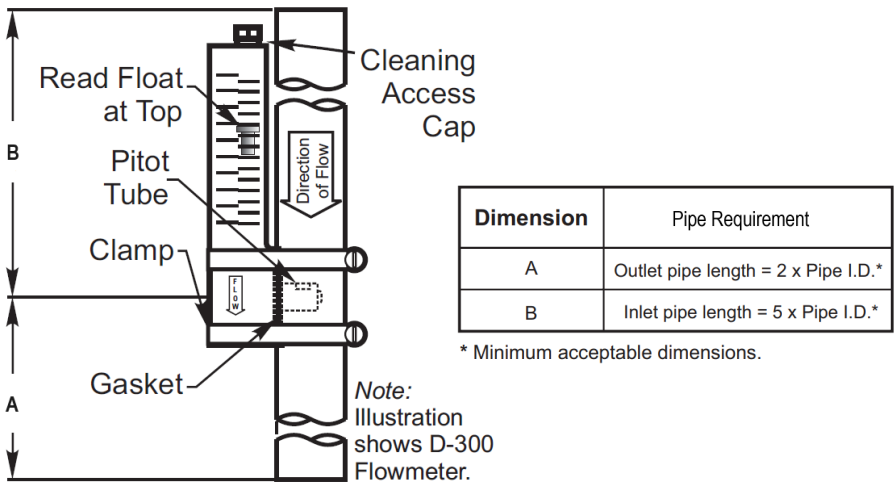
DIRECTIONS: Read and follow the instructions provided with the product. Never exceed a SOFA Model flow rating when the pool is in use**.** SOFA Covers shall only be installed over sumps that meet or exceed the minimum flow path zone defined by: minimum pipe size and sump exit orientation, and the minimum pipe depth. Please see page 2 of 2 for help determining the proper flow rating for any pipe size changes within 16 inches of the pool interior finish. AquaStar SOFA covers are authorized for use over any compatible manufactured or field-built sump (§ 3.5.1). Scan the QR code or visit: **www.aquastarpoolproducts.com/flowcode** for the most current version of these specifications, instructions, and product information.
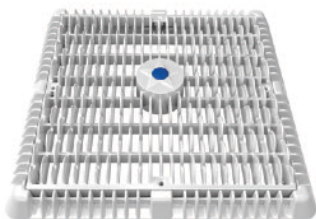
Cover Model Number:
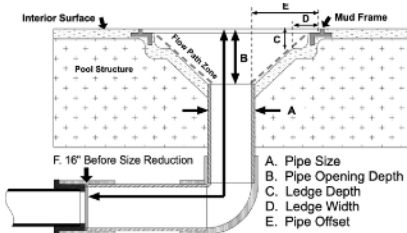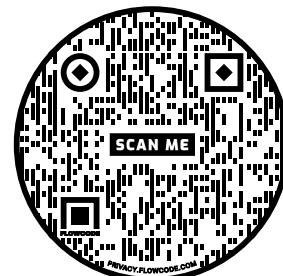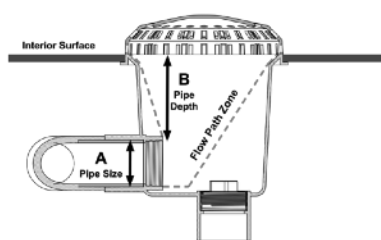WAV12WRxxx

FIGURE 1:
SOFA Model Number Key

A. Pipe Size
B. Pipe Opening Depth
C. Ledge Depth
D. Ledge Width
E. Pipe Offset
F. 16" Before Size Reduction

FIGURE 2:
Flow Path Zone

SOFA Model No.		(A) Pipe Size (Nominal)	(B) Pipe Depth (Minimum)	Orientation (Wall / Floor)	Flow Rating (GPM)	Head Loss Curve
WAV12WR-12f_A-1.5b_B3_C0.3_D0.7_E3.5_F16		1.5" (b)	3"	Floor (f)	126	A
WAV12WR-12f_A-2b_B3_C0.3_D0.7_E4.9_F16		2" (b)	3"	Floor (f)	150	B
WAV12WR-12f_A-2.5b_B3_C0.3_D0.7_E4.7_F16		2.5" (b)	3"	Floor (f)	200	C
WAV12WR-12f_A-3b_B3_C0.3_D0.7_E4.5_F16		3" (b)	3"	Floor (f)	230	D
WAV12WR-12f_A-3s_B5.6_C0.3_D0.7_E3_F16	[Sump P/N 12-3SB]	3" (s)	5.6"	Floor (f)	360	E
WAV12WR-12f_A-4b_B3_C0.3_D0.7_E3.75_F16	[Sump P/N 12-4SB]	4" (b)	3"	Floor (f)	300	F
WAV12WR-12f_A-4s_B6_C0.3_D0.7_E3_F16	[Sump P/N 12-3SB]	4" (s)	6"	Floor (f)	450	G
WAV12WR-12f_A-4s,2.5b_B6_C0.3_D0.7_E3_F16	[Sump P/N 12-3SB]	4"(s), 2.5" (b)	6"	Floor (f)	450	H
WAV12WR-12f_A-6b_B3_C0.3_D0.7_E3_F16		6" (b)	3"	Floor (f)	340	I
WAV12WR-12f_A-6b_B10.5_C0.3_D0.7_E2.9_F16	[Sump P/N 12-6SB]	6" (b)	10.5"	Floor (f)	450	J
WAV12WR-12w_A-1.5b_B3_C0.3_D0.7_E3.5_F16		1.5" (b)	3"	Wall (w)	126	K
WAV12WR-12w_A-2b_B3_C0.3_D0.7_E3.5_F16		2" (b)	3"	Wall (w)	150	L
WAV12WR-12w_A-2.5b_B3_C0.3_D0.7_E4.7_F16		2.5" (b)	3"	Wall (w)	200	M
WAV12WR-12w_A-3b_B3_C0.3_D0.7_E4_F16		3" (b)	3"	Wall (w)	230	N
WAV12WR-12w_A-4b_B3_C0.3_D0.7_E3.75_F16	[Sump P/N 12-4SB]	4" (b)	3"	Wall (w)	250	O
WAV12WR-12w_A-6b_B10.5_C0.3_D0.7_E2.9_F16	[Sump P/N 12-6SB]	6" (b)	10.5"	Wall (w)	450	P

Note 1: "SOFA Model No" nomenclature; bottom pipe = (b), side pipe = (s). See Fig 1 for capital letters A through E

Note 2: Head loss inHg is measured 16 to 24 inches from the finish surface of the pool. Reference Fig 1 dimension F.

Note 3: [Sump P/N 12-xSB] are the part numbers marked inside these manufactured Sump Buckets. Use of these sumps is not required. Installing WAV12WRxxx covers on field-built sumps is permitted. To order WAV12WRxxx product with these sumps, please see the catalog or visit www.aquastarpoolproducts.com.

Fiberglass Field Built Sumps

A.S.A. MFG. INC. FIBERGLASS PRODUCTS

* Premium fiberglass & resin for maximum structural strength
* Durable smooth gelcoat interior
* Exterior perimeter FRP waterstop flange
* Non-Metallic- No grounding
* Rough sand exterior finish

* 2" Bottom fpt.x fpt for hydro relief valve
* Threaded PVC SCH 40 pressure test plug for outlet (up to 8")
* All PVC connections are ASTM 2466 compliant
* Designed to ANSI/APSP/ICC-16 2017 for use only with approved SOFA
 (Suction Outlet Fitting Assembly) Covers.

COMPONENT USPC ®

Made in the USA
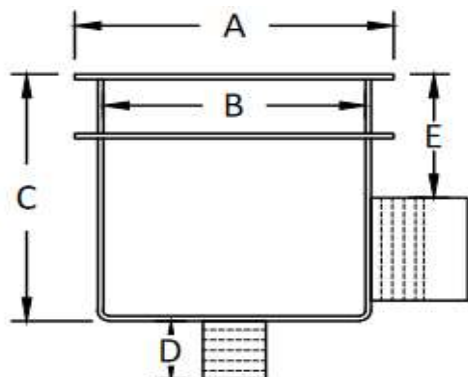
Field Built Sump Product Dimensions (Inches)							SCH40 Outlet
Size (inches)	ASA Part #	A	B	C	D	E	fpt x soc
9 x 9 x 12	FBS-50-809-3	11"	9"	12"	4.5"	6.5"	3"
12 x 12 x 12	FBS-50-812-4	14"	12"	12"	4.5"	7"	4"
12 x 12 x 18	FBS-50-812-18-4	14"	12"	18"	4.5"	8"	4"
12 x 12 x 18	FBS-50-812-18-6	14"	12"	18"	4.5"	10"	6"
18 x 18 x 20	FBS-50-818-6	20"	18"	20"	4.5"	10"	6"
18 x 18 x 24	FBS-50-818-24-6	20"	18"	24"	4.5"	13"	6"
18 x 18 x 24	FBS-50-818-24-8	20"	18"	24"	4.5"	13.5"	8"
24 x 24 x 30	FBS-50-824-30-10	26"	24"	30"	4.5"	17"	10" soc x soc

SOFA COVER NOTES:
(SOFA = Suction Outlet Fitting Assembly)

1). Please see the Manufacturer's (Aquastar, Hayward, Waterway) SOFA Cover (Grate) Installation Instructions for a Field Fabricated Sump to confirm minimum Sump dimensions and tested outlet sizes before installing.

2). All SOFA Cover Manufacturer's require different minimum Sump depth dimensions, outlet placement (bottom or side), and suction outlet size (diameter in inches). Please confirm the SOFA Cover you are using is designed for this Fiberglass Field Fabricated Sump.

3). Please refer to the SOFA Cover (Grate) specification data sheet for VGBA tested flow rates. Every SOFA Cover has different a open area and flow path. Do not install a SOFA Cover over a Field Fabricated Sump that does not meet the minimum specifications determined by the SOFA Manufacturer.

4). A.S.A. MFG. Inc. Fiberglass Sumps have been fabricated to the original ASME 112.19.8 Standard - Suction Fittings for Pools & Spas (1.5x /Figure 2 rule) since 1992.

1) All Field Built Sumps shall be installed in accordance with the manufacturer's installation instructions.

2) All SOFA covers shall be installed in accordance with the manufacturer's installation instructions.

3) The A.S.A. MFG Inc. Fiberglass Field Built Sump Is intended only to be installed in a reinforced concrete pool structure.

4) Any field modifications made to the SOFA and not authorized by the manufacturer's installation instructions shall void the SOFA certification. No modification shall be made to the SOFA structure or flow path unless a new configuration has been certified as a new SOFA

5) Fiberglass Field Built Sump Life = Life of the Aquatic Center.

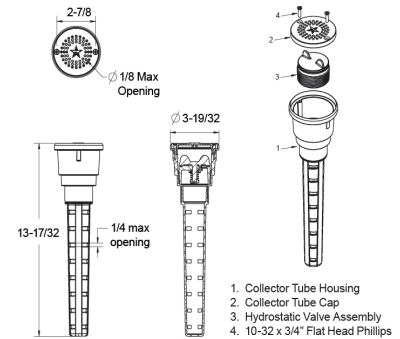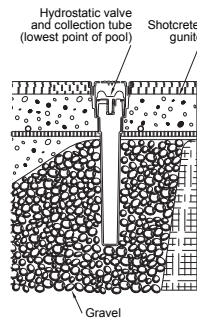v060923b

HYDROSTATIC VALVE ASSEMBLIES

AquaStar® pool products

Self-Contained Hydrostatic Valve Assembly

(Also sold separately)
Part # HVxxx

Part # HVCxxx

Hydrostatic valve and collection tube (lowest point of pool)
Shotcrete/gunite

Gravel

2-7/8
Ø 1/8 Max Opening

13-17/32
1/4 max opening

Ø 3-19/32

1. Collector Tube Housing
2. Collector Tube Cap
3. Hydrostatic Valve Assembly
4. 10-32 x 3/4" Flat Head Phillips

FEATURES

- Self-contained unit has a built-in collector tube
- Installs directly into the pool finish with no additional plumbing connection required
- Helps prevent swimming pool damage due to hydrostatic pressure beneath the pool shell when the pool is drained
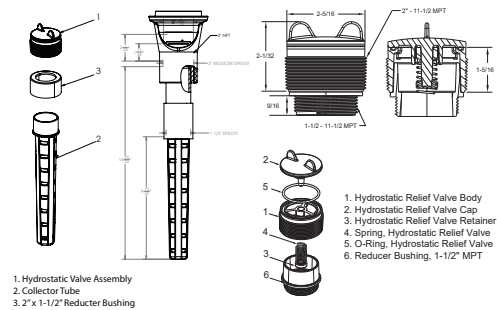
12 per cash

STANDARD COLORS

☐	HVC101	☐	HVC104
☐	HVC102	☐	HVC108
☐	HVC103		

2" Hydrostatic Relief Valve Kit

(Also sold separately)
Part # HVxxx

Part # HVKxxx

1. Hydrostatic Valve Assembly
2. Collector Tube
3. 2" x 1-1/2" Reducer Bushing

2-5/16
2-1/32
9/16
1-1/2 - 11-1/2 MPT

2" - 11-1/2 MPT
1-5/16

1. Hydrostatic Relief Valve Body
2. Hydrostatic Relief Valve Cap
3. Hydrostatic Relief Valve Retainer
4. Spring, Hydrostatic Relief Valve
5. O-Ring, Hydrostatic Relief Valve
6. Reducer Bushing, 1-1/2" MPT

FEATURES

- Equalizes pressure for high water tables
- Fits any AquaStar and most other manufacturers' 2" thread
- Includes 2" x 1½" reducer bushing
- Reducer bushing must be glued onto collector tube using ABS glue

25 per cash

STANDARD COLORS

☐	HVK101	☐	HVK104
☐	HVK102	☐	HVK108
☐	HVK103		

Built in conformance with NSF 50 and SPS 3 standards

FEATURES

Designed for commercial and residential use, 15 GPM min, 90 GPM max

Adjustable collar

New weir clip lock secures the clips in the weir door

Self-contained gunite grip, water stop on the faceplate to prevent water leaks

Large self-contained basket with lock-in feature (will not float)

Underwater dampers on the faceplate for noise reduction on weir plate – especially on windy days

Super strong engineered polymer upper housing

Extra heavy duty PVC lower unit (no transitional glue required)

2½" outside slip and 2" inside slip (outside skimmer)

2" threads for pressure testing (inside skimmer)

Built-in overflow or fill line knock out

Upper housing has pre-cut rebar cutouts with pre-drilled holes for tie wire

Skimmer Lid and Collar G154 UV tested

Optional custom name/logo engraved on the lid (requires minimum 500 piece lid order)

1 per case

Two additional lid options available (sold separately): square or snap-in round/square

Part # SKR1xx

Optional vacuum plate with snap-in lug can be glued in under lid for easy storage p/n SK43101

Optional BFB adapter converts skimmer fittings to 4" or 3" tee for improved hydraulics and code compliance p/n BFB101

STANDARD COLORS

☐ SKR101 – White

◻ SKR103 – Light Gray

◼ SKR105 – Dark Gray

Available with 3" extension collar p/n SKR19xxx, 1 per case

Snap-in Round/Square Lid and Collar (sold separately) p/n SK65xxx, 8 per case

Square Lid and Collar (sold separately) p/n SK64xxx, 6 per case

Available without lid and collar SKR1NL101 (white only), 1 per case

NOTICE: For NSF certified skimmers, please contact your AquaStar Sales Representative. Lid, float valve, 4" socket, and 6" socket options are not NSF certified.

SPS 3 & NSF 50 Compliant

Ø 10-7/32   5-1/2
1-1/4   12-29/32
10-1/4
8-11/16
19-21/32
2-1/2" Spigot x 2" Socket x 2" NPT
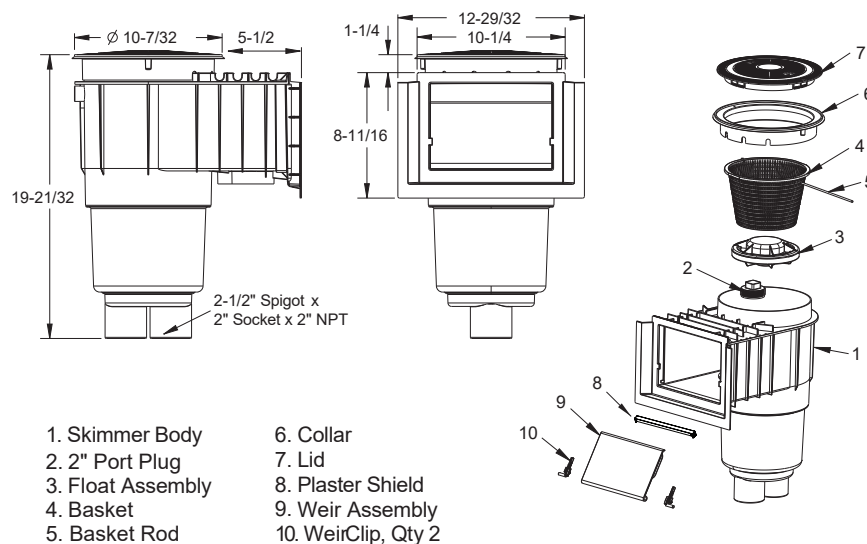
1. Skimmer Body
2. 2" Port Plug
3. Float Assembly
4. Basket
5. Basket Rod
6. Collar
7. Lid
8. Plaster Shield
9. Weir Assembly
10. WeirClip, Qty 2

5" Umbrella Stand with Sleeve and Center Cap

FEATURES

Great for umbrellas, volleyball poles, tiki torches with 1½" pole diameter

Install into a hole in gunite, apply pool finish on top of the stand, install decorative sleeve and center cap after pool finish

Can be installed on floor, step, or deck

Integrated water stop reduces leaks

Manufactured from engineered polymer UV-resistant ABS material
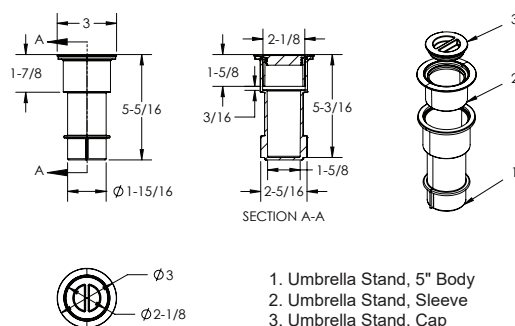
Umbrella maximum pole diameter: 1.675"

25 per case

Also available in clear (p/n SMUS100)

Also available Umbrella Stand Cap with Gasket Seal 1½" only (p/n USCGxxx), 250 per case

Part # SMUSxxx

SECTION A-A

1. Umbrella Stand, 5" Body
2. Umbrella Stand, Sleeve
3. Umbrella Stand, Cap

Safety Vacuum Lock Wall Fitting

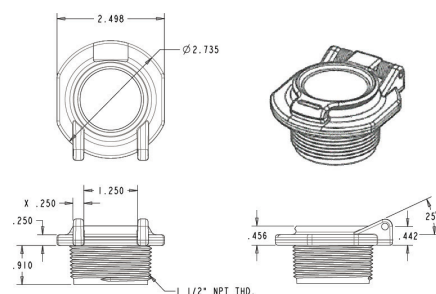### FEATURES

For use with an automatic pool cleaner

Holds pool cleaner hose in place and snaps closed when not in use

Meets SPS-4-2009 standard

Available in 1½" or 2" NPT

25 per case

Also available in blue (p/n VLK15T104), only available for 1½" NPT

Part # VLK15Txxx (1½" NPT)
Part # VLK20Txxx (2" NPT)

Wall and Deck Spouts

FEATURES

Creates an adjustable water stream from the tile line or deck

Manufactured from UV-resistant ABS material

Fiberglass model (p/n WJFxxx) includes face plates, body, gaskets, plug, screws, plumbing adapter, single and dual stream nozzles
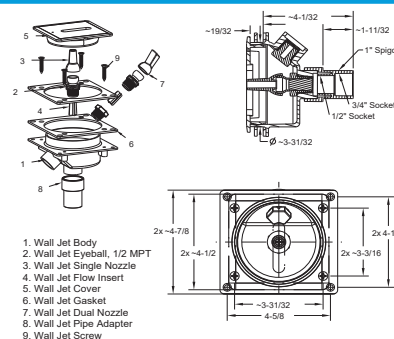
Gunite model (p/n WJxxx) includes face plates, body, plug, plumbing adapter, single and dual stream nozzles

25 per case

enlarged to show detail

Part # WJxxx, WJFxxx

1. Wall Jet Body
2. Wall Jet Eyeball, 1/2 MPT
3. Wall Jet Single Nozzle
4. Wall Jet Flow Insert
5. Wall Jet Cover
6. Wall Jet Gasket
7. Wall Jet Dual Nozzle
8. Wall Jet Pipe Adapter
9. Wall Jet Screw

AquaStop® Pipe Sleeves (1" / 1½" / 2" / 2.5"/ 3")

FEATURES

Prevents leaks

Helps avoid costly repairs
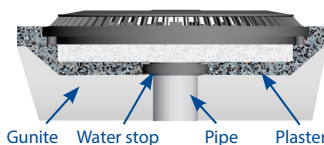
Available in five sizes

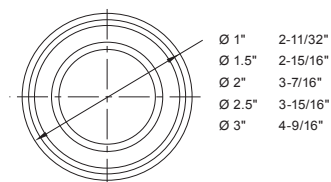Manufactured from engineered PVC material

White only

250 per case for WS801, WS901, WS1001, WS1101

200 per case for WS1201

Part #'s
WS801 – 1"
WS901 – 1½"
WS1001 – 2"
WS1101 – 2½"
WS1201 – 3"

Gunite   Water stop   Pipe   Plaster

Ø 1"	2-11/32"
Ø 1.5"	2-15/16"
Ø 2"	3-7/16"
Ø 2.5"	3-15/16"
Ø 3"	4-9/16"

The most common cause of leaks in a pool is the surface materials not bonding with the pipes. Our AquaStop® pipe sleeves provides a longer surface area for increased bonding with the pool finish. This creates a barrier around the pipe to prevent water from leaking.

FITTINGS

2" X 4" GUTTER DECK DRAIN (FITS 2" PIPE)

AQUASTAR®
pool products

Compatibility, durability, and performance

FEATURES

Fits over 2" pipe

1½" threaded FPT inside for pressurizing/ winterizing

Manufactured from engineered polymer UV-resistant PVC material (p/n GDD101 is manufactured from engineered polymer UV-resistant ABS material)

1½" reducer bushing available p/n BU101-2x1½

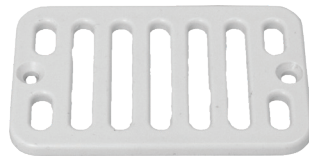½" stackable extender available p/n PE20101

Stainless steel screws

Also available as grate only with two screws

CAUTION: Not to be used as a suction outlet under any circumstances

25 per case

Grate only p/n GDDLxxx

Part # GDDxxx

STANDARD COLORS

☐ GDD101 – White

■ GDD102 – Black

☐ GDD103 – Light Gray

■ GDD105 – Dark Gray

■ GDD108 – Tan

4-3/8
3-15/16
2-7/8
2-7/16
2-7/8
4
Ø 2-3/8

3
2
1

1. Gutter/Deck Drain Body, 2" x 4"
2. Gutter/Deck Drain Cover, 2" x 4"
3. 10 x 3/4" Flat Head Phillips Screw, Qty 2

INSERT THREE-PIECE DIRECTIONAL EYEBALL FITTING 1½" MPT TITLE HERE

AquaStar®
pool products

Product Image and Dimensions

Part # 81xx

Ø 2-3/8
1-27/32
1/2 11/16
25/32
1-1/2" straight pipe thread

1. Directional Return Body, 1-1/2"
2. Directional Return Eyeball
3. Standard Eyeball Locking Ring
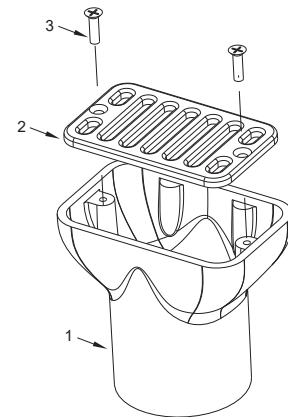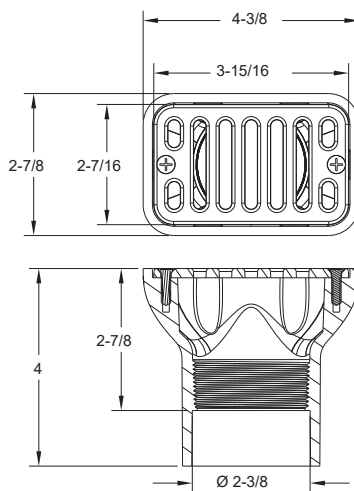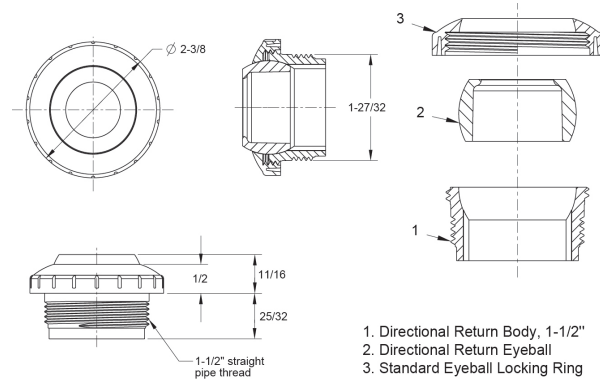
FEATURES

- Screws into 1½" FPT
- Manufactured from engineered polymer UV-resistant ABS material

250 per case

STANDARD COLORS

☐	8101
■	8102
☐	8103
■	8104
■	8108

Additional orifice size suffix:

82xx - ¾"
83xx - ½"
84xx - Slotted Down-Jet

(i.e. 8201 = white ¾" orifice)
Also available in Clear
(p/n 8100, 8200, 8300, 8400)

AquaStar Specific Eyeball GPM, Velocity and Head Loss Ratings

GPM	81xx (1")		82xx (3/4")		83xx (1/2")		84xx (Down-Jet)	
	Velocity (fps)	Head Loss (ft)	Velocity (fps)	Head Loss (ft)	Velocity (fps)	Head Loss (ft)	Velocity (fps)	Head Loss (ft)
5	2.2	0.1	3.6	0.5	8.2	2.4	10.1	2.1
10	4.4	0.5	7.3	1.8	16.3	8.7	20.2	8.1
15	6.6	1.1	10.9	3.7	24.5	18.6	30.3	20.7
20	8.8	1.9	14.5	6.2	32.4	32.0		
25	11.0	3.0	18.2	9.4				
30	13.2	4.4	21.8	13.1				
35	15.4	6.1	25.4	17.3				
40	17.6	8.0						
45	19.7	10.2						
50	21.9	12.7						

BUBBLER PLATE

FEATURES

Available in six standard colors

No exposed components

Installs flush with bottom of pool/spa

Part # BPxxx

STANDARD COLORS

☐	101	▣	104
■	102	▣	105
☐	103	▣	108

Ø 2.17

1.5" straight pipe thread 11.5 TPI

Ø1.54

Ø1.735 minor

Ø1.841 minor

R.03

.95

.70
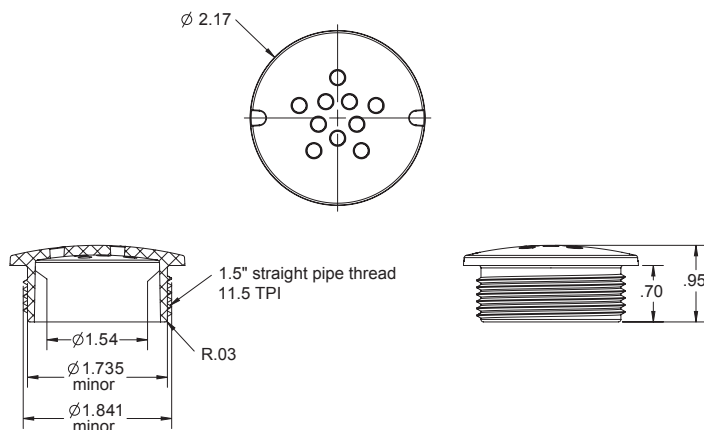
FILL STAR® WATER LEVEL CONTROL SYSTEM FOR POOLS AND SPAS

Durable and reliable autofill

FEATURES

Easy to install

Overflow protection and adjustable presets

Uses the same size lid and collar as AquaStar skimmers

Includes a 2" to 1½" PVC adapter

¾" PVC plug included if overflow is not needed

¾" PVC water supply inlet

Valve is made of high-strength engineered resin

The float is injection-molded and the thread is pre-molded

No transition glue needed

Float thread is ½" MPT

1 per case

Part # AFBxxx

Also available float only part # AFBV

STANDARD COLORS

AFB101 – White

AFB102 – Black

AFB103 – Light Gray

AFB105 – Dark Gray

AFB108 – Tan

Also available without lid and collar
p/n AFBNL

Also available lid only
p/n RTxxx

1. Autofill Bucket, Glued
2. Float Valve
3. Round Skimmer collar
4. Round Skimmer Lid
5. 1-1/2" PVC Bushing
6. 3/4" Plug
7. 3/8" (Inch) NPT Plug
8. 10 x 3/4" Flat Head Phillips, 316 SS, Qty 2
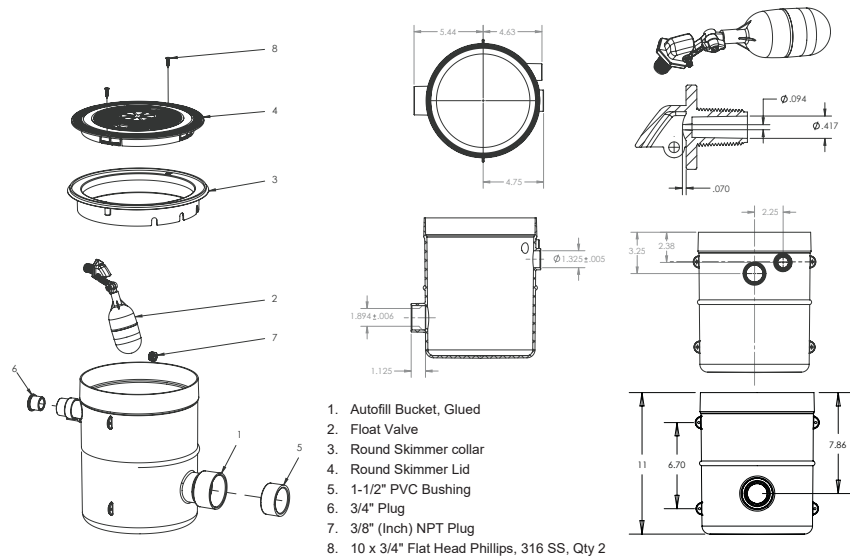
Mushroom Spray Fountain Model 1800-17

Specifications

Model: 1800-17-96
Size: 7' 6" Diameter

Features

• Fiberglass dome
• 10" Diameter fiberglass stem
• Water flow: 90-400 gpm (spec)
• Variety of colors

Height Options

Model Number	Clearance
1800-17-84	7' 0"
1800-17-90	7' 6"
1800-17-96	8' 0"
1800-17-114	9' 6"

GPM required for Curtain

Length of Curtain in Feet	GPM	Minimum Feed Pipe Size
8	400	4"
5.5	290	4"
3.5	200	3"
1.5	150	2.5"
Rain Sprinkle	90	2"

PO Box 270, Baker City, OR 97814 (541) 523-0224 (800) 252-8475 www.naturalstructures.com - info@naturalstructures.com

GLOBRITE®
POOL AND SPA LED LIGHTS

AMAZING, BRILLIANT WHITE LIGHT THAT MAKES POOL DESIGNS COME ALIVE

Add the magic and vibrancy of GloBrite White LED Lights to see your pool take possession of the night. These brilliant white lights are engineered with the most efficient LED lighting technology on the market today, and they can take your pool far beyond the ordinary. GloBrite White LED Lights highlight your pool's form and finishes, such as colored plaster, aggregates, pebble, ceramics, stone tile and glass tile. Natural colors and textures are enhanced and spring to life. Plus, you can choose from three adjustable brightness levels to set the perfect mood.

Key Features

LED array
Creates powerful illumination with remarkable energy efficiency.

15 W usage
Delivers the equivalent of 190 W of incandescent light.

Optimized brightness
GloBrite White models offer three levels of control. Choose from 100%, 75% or 50% brightness.

Added savings
With extended service life and energy efficiency.

Multiple niches
Available for concrete, vinyl and fiberglass.

Design flexibility
Compact design allows for innovative placement near steps, water features, swim-outs and more. Install in water as shallow as 4 inches.

ecoselect®

GloBrite Pool and Spa LED Lights have earned the Eco Select® brand distinction as one of the greenest and most efficient choices from Pentair.

TRADEGRADE

The TradeGrade family of products is exclusively made for and sold by the world's most demanding pool professionals.

PENTAIR

400 Regency Forest Dr | Cary, NC 27518 | United States | 800.831.7133 | pentair.com

INTELLIBRITE®
ARCHITECTURAL SERIES LIGHTS

Illuminate your customers' nighttime pool experiences.

You're a leading pool pro. We're a pool lighting leader. Together, we can help your customers' pool experiences shine brighter and more beautifully than ever before with our biggest illumination innovation to enter the pool industry.

- IntelliBrite Architectural Series Color Pool Light is now **60%** brighter and **50%** more energy efficient.*
- IntelliBrite Architectural Series White Pool Light is now **80%** more energy efficient, consuming **44%** less power and maintaining the same brightness.**
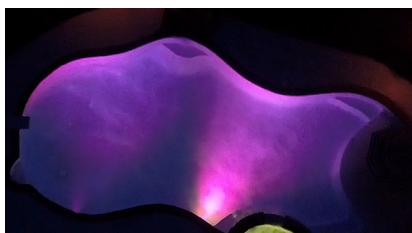
◀ BEFORE

Unevenly lit pool with dark areas.

AFTER ▶

Evenly lit pool for a more exhilarating nighttime pool experience.

PRODUCT SPECIFICATION

SIZE	MODEL	VOLTAGE	POWER	PART NUMBER BY CORD LENGTH (FEET)				
				30'	50'	100'	150'	250'
Pool	Color	120V	28W	602185	602186	602187	602188	602206
Pool	Color	12V	28W	602151	602152	602153	602154	–
Spa	Color	120V	18W	602201	602202	602203	602204	602205
Spa	Color	12V	18W	602197	602198	602199	602200	–
Pool	White – 300W Equivalent	120V	26W	602181	602182	602183	602184	602207
Pool	White – 300W Equivalent	12V	26W	602143	602144	602145	602146	–
Pool	White – 500W Equivalent	120V	31W	602177	602178	602179	602180	602208
Pool	White – 500W Equivalent	12V	31W	602139	602140	602141	602142	–
Spa	White – 100W Equivalent	120V	18W	602193	602194	602195	602196	602209
Spa	White – 100W Equivalent	12V	18W	618015	618016	618017	618018	–
Pool	Warm White	120V	31W	602189	602190	602191	602192	602221
Pool	Warm White	12V	31W	602147	602148	602149	602150	–
Spa	Warm White	120V	18W	602225	602226	602227	602228	602229
Spa	Warm White	12V	18W	602238	602239	602240	602241	–

Get total control from anywhere with the Pentair Home app to help you move, improve and enjoy all of your home's water.

Go to **pentair.com/home**

MORE OPTIONS AVAILABLE:
Scan the QR code to view the full list

*Compared to Pentair IntelliBrite 5G Color LED Pool Light in white color mode only. The IntelliBrite Architectural Series delivers higher lumen output depending on color mode, ranging from 28%-141% brighter, while energy efficiency improvements range from 17-58% based on color mode.

**Compared to Pentair IntelliBrite 5G White LED Pool Light, IntelliBrite Architectural Series White Light delivers 2.3% higher lumen output and consumes 44% less power.

Appearance of color and white LED light may vary between various models of lights. Appearance and perception of pool lighting may vary depending on a number of factors including, but not limited to, the particular model of light, the location/depth/angle of the light's installation, pool finish/material, pool depth/shape/geometry, ambient light sources, subjective factors and more. For best results when using multiple lights, use all the same model and do not mix multiple models of lights within a single installation.

◆ PENTAIR

TRADEGRADE

INTERMATIC®

Junction Box - 4 Light Connection Pool & Spa Junction Box

Item PJB4175

PRODUCT DESCRIPTION

These polymeric junction boxes are code compliant and provide safe, reliable connections for low-voltage lights. Specially designed for pools, pool-spa combinations, and landscape applications. Junction boxes are for outdoor use only.

FEATURES

► Accommodates flexible cords and non-metallic conduits from ½" to 1"
► Watertight, multifixture enclosure
► Easy access ground bar
► PA114 Wall/Post Mounting Bracket (sold separately)
► Complies with NEC Code 680.24 requirements for junction boxes
► 1-year warranty

APPLICATIONS

► Landscape Lighting
► Underwater Lighting

TECHNICAL DATA

General	
Model Number	PJB4175
Description	4 Light Connection Pool & Spa Junction Box
UPC Code	078275094048
Brand	Intermatic
Country of Origin (Intermatic)	INDIA
Warranty Period	1-Year limited

Control Specifications	
Number of Light Connections	4

Mechanical Specifications	
Mounting Options	Bracket; Post; Rod; Wall

Dimensions	
Product Dimensions (H x W x D) in	8.75 x 5 x 4.625 in
Non Metallic Conduit Size	1/2"-1"

Material Specifications	
Color	Black
Body Material	Plastic

Electrical Specifications	
Number of Receptacle Knockouts	5

Packaging	
Shipping Weight (lbs)	1.597
Unit Carton Dimensions (H x W x L) in	5.25 x 5 x 9 in

Deck-Mounted Hand & Stair Rails

DMS-100
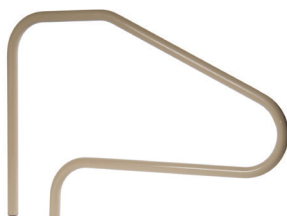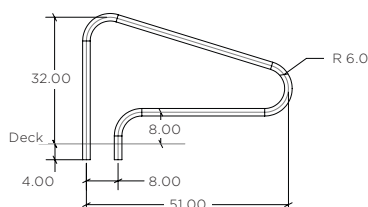
- Tubing: 1.90" OD
- Wall Thickness*: .049" or .065"
- Stainless Steel: 304 or 316L Marine Grade**
  (add –MG to part number)
- Bends: 6" Radius
- Recommended Anchors: AS-100P or AS-100B (order separately)
- Recommended Escutcheon: EP-100F (order separately)
- Sold as a single rail

  * Minimum rail thickness is .065 for Commercial

  ** Minimum requirement for salt pools is 316L Marine Grade

DMS-100

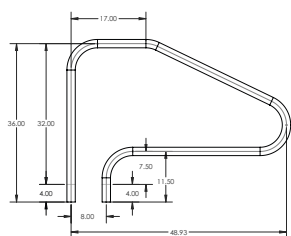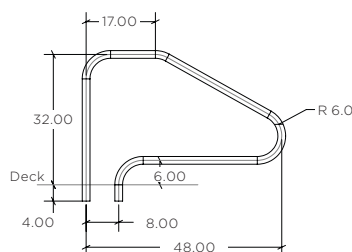| Part No.	Description	Weight	Length	Width	Height
			Shipping		
DMS-100A	51" Center Grab Rail, .049"				
DMS-100V	51" Center Grab Rail, .065"	18 lbs	59"	39"	2"
D5D049	55" Center Grab Rail, .049"	8kg	150cm	99cm	5cm
DMS-100S	60" Center Grab Rail, .065"				

DMS-101

DMS-101

Part No.	Description	Weight	Length	Width	Height
			Shipping		
DMS-101A	48" Center Grab Rail, .049"	16 lbs	59"	39"	2"
DMS-101B	48" Center Grab Rail, .065"	7kg	150cm	99cm	5cm

D4D049

DECK TO DECK MOUNTED

Part No.	Description	Weight	Length	Width	Height
			Shipping		
D4D049	4 Bend Stair Rail, .049"	16 lbs	57"	39"	2"
D5D049	5 Bend Stair Rail, .049"	7kg	145cm	99cm	5cm

D5D049

May be available in Powder-Coated finishes. Please reach out to CustomerCare@SRSmith.com to confirm the color and finish availability.

Deck-Mounted Hand & Stair Rails
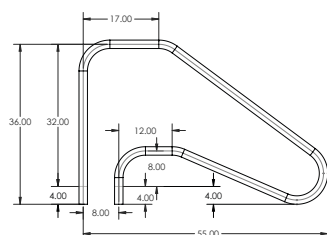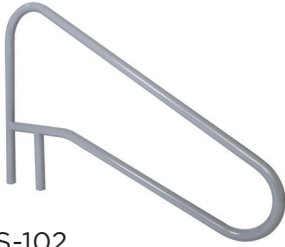

DMS-102
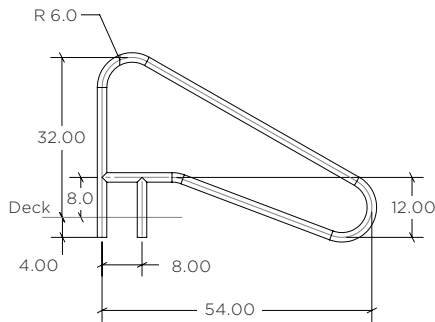
- Tubing: 1.90″ OD
- Wall Thickness*: .049″ or .065″
- Stainless Steel: 304 or 316L Marine Grade**
  (add –MG to part number)
- Bends: 6″ Radius
- Recommended Anchors: AS-100P or AS-100B (order separately)
- Recommended Escutcheon: EP-100F (order separately)
- Sold as a single rail

  * Minimum rail thickness is .065 for Commercial

  ** Minimum requirement for salt pools is 316L Marine Grade

DMS-102

Part No.	Description	Shipping			
		Weight	Length	Width	Height
DMS-102A	54″ Center Grab Rail, .049″	19 lbs 9kg	59″ 150cm	39″ 99cm	2″ 5cm
DMS-102B	54″ Center Grab Rail, .065″	19 lbs 9kg	59″ 150cm	39″ 99cm	2″ 5cm
DMS-102P	54″ Center Grab Rail, .049″ w/ welded mounting plate	19 lbs 9kg	59″ 150cm	39″ 99cm	2″ 5cm

D4BD049-FL

DECK TOP MOUNT

Part No.	Description	Shipping			
		Weight	Length	Width	Height
D4BD049-FL	48″ Center Grab Rail, .049″ w/ flanges and escutcheons	17 lbs 8kg	59″ 150cm	39″ 99cm	2″ 5cm

DMS-103

DMS-103

Part No.	Description	Shipping			
		Weight	Length	Width	Height
DMS-103A	54″ Center Grab Rail, .049″	14 lbs — 18 lbs 6 — 8kg	59″ 150cm	39″ 99cm	2″ 5 cm
DMS-103B	54″ Center Grab Rail, .065″	14 lbs — 18 lbs 6 — 8kg	59″ 150cm	39″ 99cm	2″ 5cm
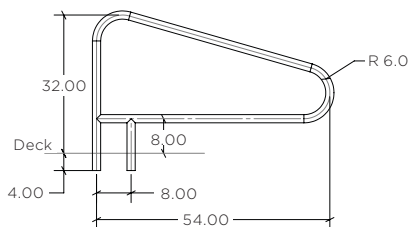
DECK TOP MOUNT

Part No.	Description	Shipping			
		Weight	Length	Width	Height
D3D50049-FL	50″ 3-Bend Stair Rail, .049″ w/flanges and escutcheons	27 lbs 12kg	61″ 155cm	38″ 97cm	7″ 18cm

May be available in Powder-Coated finishes. Please reach out to CustomerCare@SRSmith.com to confirm the color and finish availability.

Stair Rails

TWO BEND

- Tubing: 1.90" OD
- Wall Thickness: .049" or .065"
- Stainless Steel: 304 or 316L Marine Grade** (add –MG to part number)
- Bends: 6" Radius
- Recommended anchors: AS-100B (order separately)
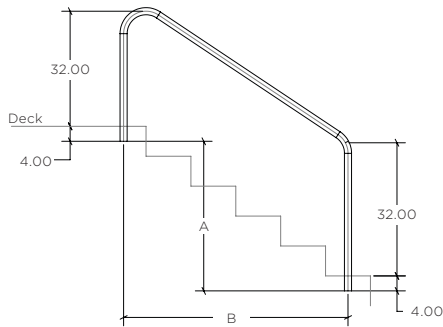- Recommended escutcheon: EP-100F (order separately)

* Minimum rail thickness is .065 for Commercial
** Minimum requirement for salt pools is 316L Marine Grade

2-BEND

Part No.	Description	A	B	Shipping Weight	Length	Width	Height
R2HR-4	4' 2-Bend	26"	4'-0"	18 lbs 8kg	32" 81cm	22" 56cm	4" 10cm
R2HR-5	5'2-Bend	36"	5'-0"	18 lbs 8kg	32" 81cm	22" 56cm	4" 10cm
R2HR-6	6'2-Bend	46"	6'-0"		24" 61cm	8" 20cm	5" 13cm

- Add -049 to the part number for .049" wall. Add -065 to the part number for .065" wall.

- Extended Lengths: Add -1 to the part number for 12" extended length on pool (front) leg.
  Add -2 to the part number for 12" extended length on both legs.
  Add -3 to the part number for 12" extended length to deck leg.

THREE BEND
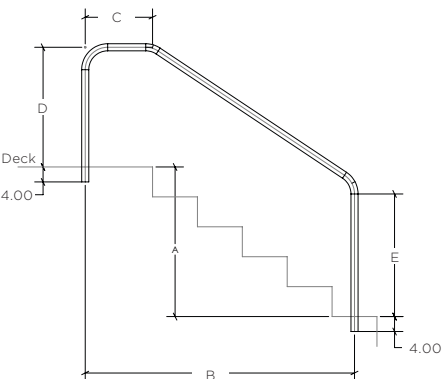
3-BEND

Part No.	Description	A	B	C	D	E	Shipping Weight	Length	Width	Height
3HR-4	4'3-Bend	26"	4'-0"	18"	32"	26"	11-22 lbs 5-10kg	60" 152cm	42" 107cm	2" 5cm
3HR-5	5'3-Bend	36"	5'-0"	18"	32"	26"	12-24 lbs 5-11kg	72" 81cm	42" 107cm	2" 10cm
3HR-5.5	5'6" 3-Bend	32"	5'-6"	18"	32"	29"	13-21 lbs 6-10kg	78" 198cm	42" 107cm	2" 5cm
3HR-6	6'3-Bend	46"	6'-0"	18"	32"	26"	13-32 lbs 6-14kg	84" 213cm	42" 107cm	2" 5cm
3HR-6.5	6'6" 3-Bend	32"	6'-6"	35"	34"	29"	16-34 lbs 7-15kg	90" 229cm	42" 107cm	2" 5cm
3HR-7	7'3-Bend	36"	7'-0"	40"	30"	29"	18-34 lbs 8-15kg	94" 239cm	42" 107cm	2" 5cm
3HR-8	8'3-Bend	30"	8'-0"	53"	34"	33"	21-39 lbs 10-18kg	105" 267cm	42" 107cm	2" 5cm

- Add -049 to the part number for .049" wall. Add -065 to the part number for .065" wall.

- Extended Lengths: Add -1 to the part number for 12" extended length on pool (front) leg. Add -2 to the part number for 12" extended length on both legs. Add -3 to the part number for 12" extended length to deck leg.
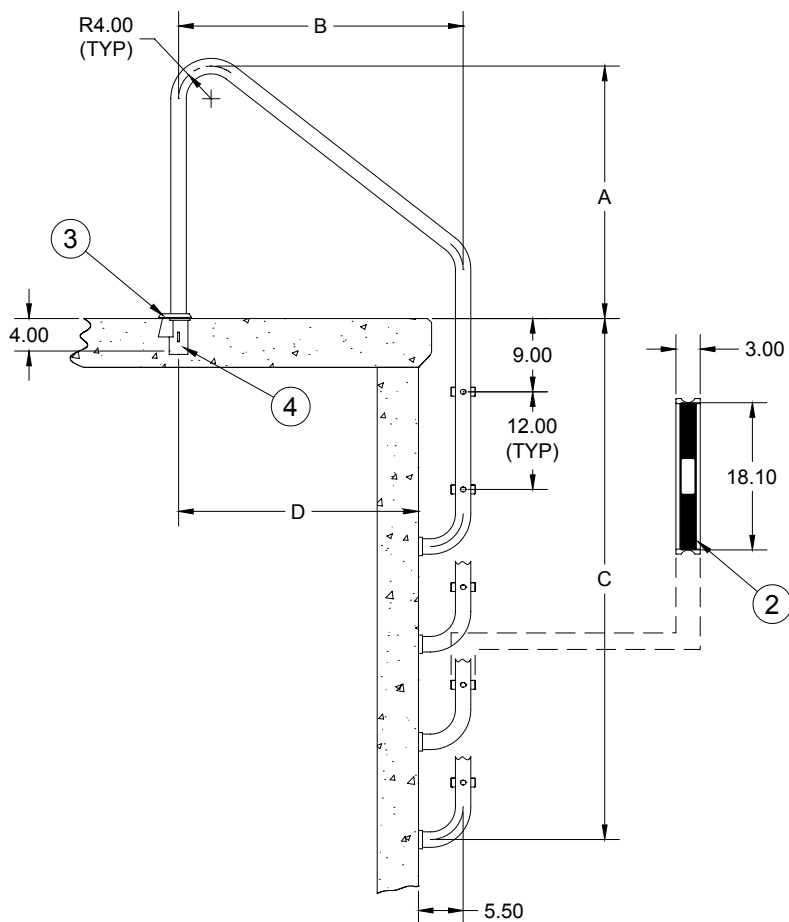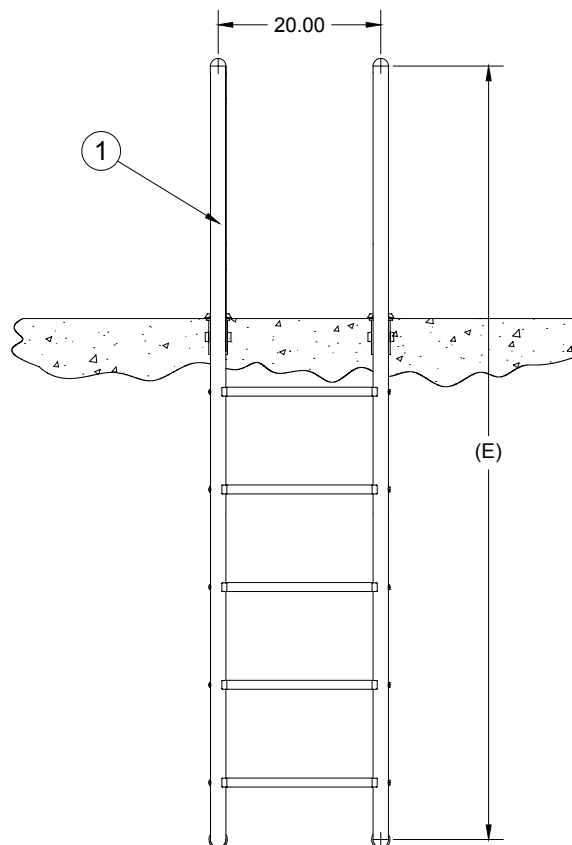
May be available in Powder-Coated finishes. Please reach out to CustomerCare@SRSmith.com to confirm the color and finish availability.

Standard Plus Commercial Ladder *(With Stainless Steel Tread)*

R4.00
(TYP)

B

A

3

4.00

9.00

12.00
(TYP)

D

C

3.00

18.10

2

5.50

SIDE VIEW

20.00

1

(E)

FRONT VIEW

MODEL NUMBER	A	B	C	D	(E)
10037 TO 10039	26.00	23.00	28.00	17.50	54.00
10040 TO 10042	26.00	23.00	40.00	17.50	66.00
10043 TO 10045	26.00	23.00	52.00	17.50	78.00
10046 TO 10048	26.00	23.00	64.00	17.50	90.00
10049 TO 10051	26.00	29.00	28.00	23.50	54.00
10052 TO 10054	26.00	29.00	40.00	23.50	66.00
10055 TO 10057	26.00	29.00	52.00	23.50	78.00
10058 TO 10060	26.00	29.00	64.00	23.50	90.00
10061 TO 10063	31.00	35.00	28.00	29.50	59.00
10064 TO 10066	31.00	35.00	40.00	29.50	71.00
10067 TO 10069	31.00	35.00	52.00	29.50	83.00
10070 TO 10072	31.00	35.00	64.00	29.50	95.00

Product Name: multiLift2 Aquatic Lift
Part Number: 580-0000, 580-0000-ST and 580-0000-TP

General Notes:

It shall be battery powered, comply with Americans with Disabilities Act Access Guidelines (ADAAG), and have a lifting capacity of 350 pounds. The multiLift2 is capable of controlled linear actuation into the pool providing steady speed, support and clearance to the user. Symmetrical design in the multiLift2 allows customers to install with a right or left facing chair to accommodate multiple pool geometries. Product shall include battery, charger, battery console cover, waterproof control, armrests, footrest and seatbelt assembly.

Application:

Manufacturer to provide technical support and assistance to confirm pool lift satisfies pool geometry or if another lift model is more appropriate. The lift is configured to facilitate ease in user transfer within clear deck space of 36 inches wide by 48 inches deep starting 12 inches from the from the back end of the seat (Ref. ADAAG).

Seat Loading Position: 16"-19" measured from the deck to the top of the seat surface when the seat is in the raised position.

Submerged Seat Position: The top surface of the seat will submerge a minimum of 18" below the surface of the water, at a deck to water level of 14" maximum.

Specifications:

Actuator: Have a LINAK (approved for medical applications) screw/spline type actuator.

Seat Assembly: The multiLift2 has a seat width of 23 inches (ADAAG requires 16 inches minimum), and a back that extends 24 inches high (ADAAG requires 12 inches minimum).

Structural: Be structurally capable of providing a stable user transfer and pass a static load test equal to 1.5 times the rated load capacity.

Metallic Parts: All metallic parts (stainless steel and aluminum) are to be passivated, pretreated, and powder coated using a 5-step process. The process is to be validated by samples undergoing a 4,000 hr Salt Fog Test (ASTM D1654), by a recognized independent laboratory, and achieve a rating of 10 (highest possible rating). (Note: The test is the equivalent of 10 years exposure to this harsh environment.)

Manufacturer's Warranty: For current warranty information go to www.srsmith.com

Optional equipment:

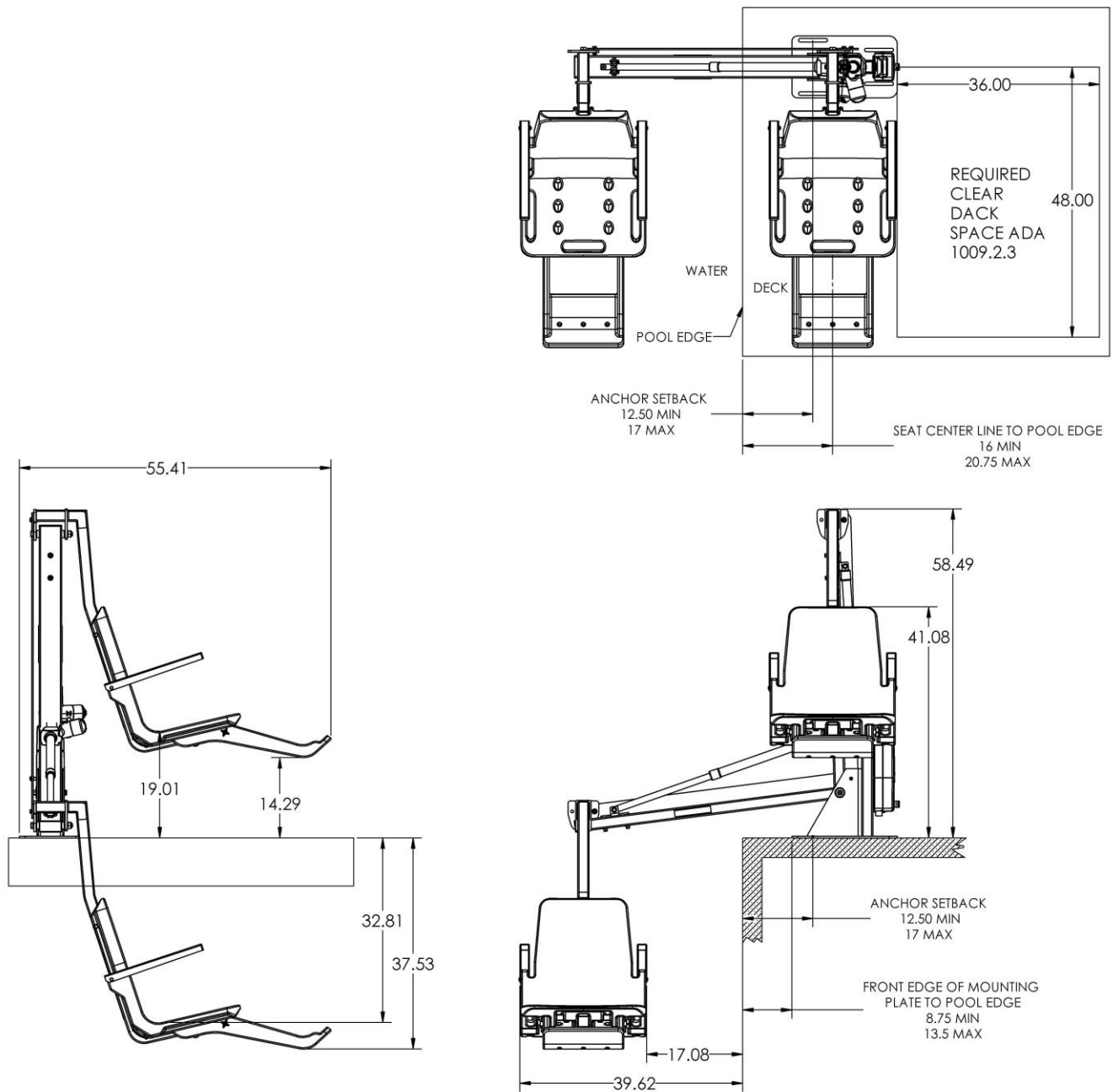| Part #	Description
970-5000	Seat Saver Cover
500-5000A	New Construction Anchor Kit
500-5800T	multiLift2 Deck Cover, Tan
500-5800S	muitiLift2 Deck Cover, Slate

Shipping weight:150 LBS.

Specification Number:	**SRS-1213**	
Product Description:	**multiLift2 Aquatic Lift**	
S.R. Smith Part Number:	**580-0000**	
Revision:	A	Date: 2/7/2022
Written By:	WJS	Date: 2/7/2022
Approved By:	WJS	Date: 2/7/2022
Page 1 of 2	Proprietary and confidential: The information contained in this specification is the sole property of S.R. Smith LLC. Any reproduction in part or whole without the written consent of S.R. Smith LLC is prohibited.	

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Fax: (503) 166-4334
www.srsmith.com

36.00

REQUIRED
CLEAR
DACK
SPACE ADA
1009.2.3

48.00

WATER

DECK

POOL EDGE

ANCHOR SETBACK
12.50 MIN
17 MAX

SEAT CENTER LINE TO POOL EDGE
16 MIN
20.75 MAX

55.41

19.01

14.29

32.81

37.53

58.49

41.08

ANCHOR SETBACK
12.50 MIN
17 MAX

FRONT EDGE OF MOUNTING
PLATE TO POOL EDGE
8.75 MIN
13.5 MAX

17.08

39.62

Specification Number:	**SRS-1213**	
Product Description:	**multiLift2 Aquatic Lift**	
S.R. Smith Part Number:	**580-0000**	
Revision:	A	Date: 2/7/2022
Written By:	WJS	Date: 2/7/2022
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Page 2 of 2	Proprietary and confidential: The information contained in this specification is the sole property of S.R. Smith LLC. Any reproduction in part or whole without the written consent of S.R. Smith LLC is prohibited.	

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