



fountain people™
A PLAYCORE Company



THE FOUNTAIN CATALOG

Telling your story *with* water



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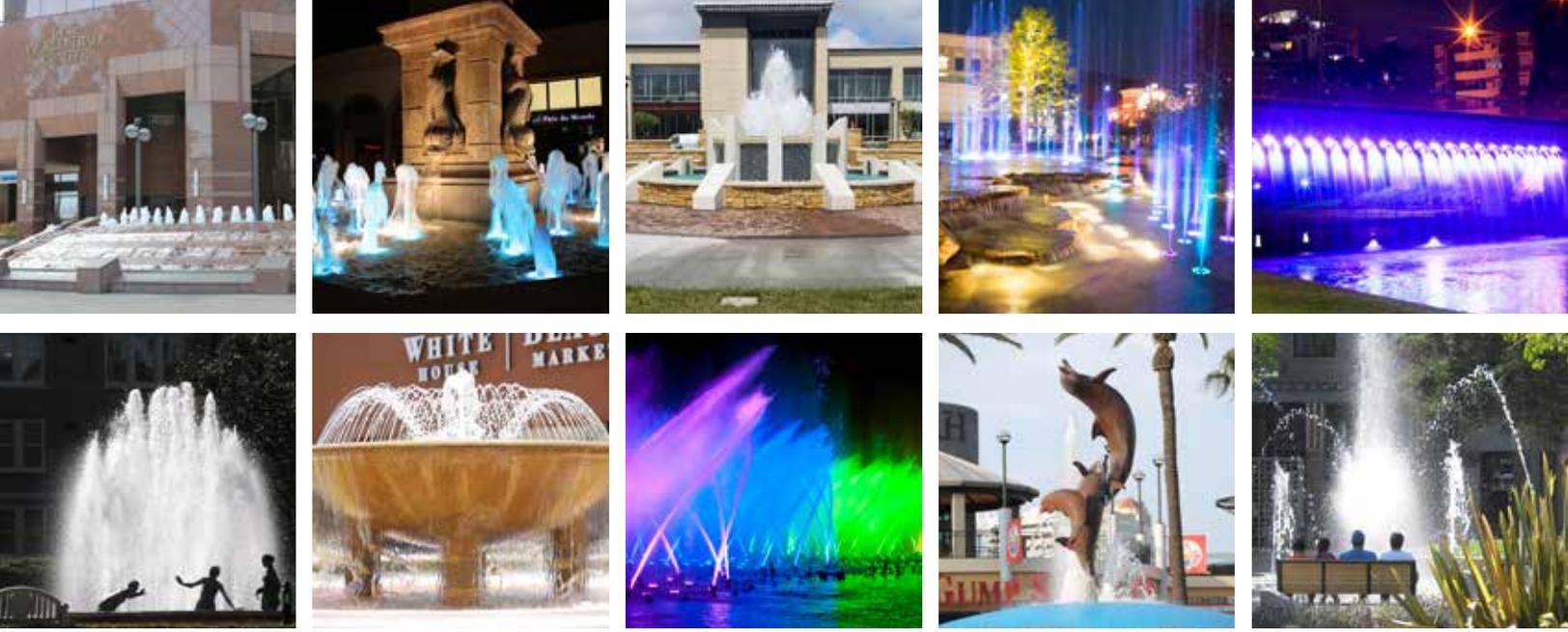
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OUR MISSION:

To actively promote the use of water features as significant design elements in all architectural, recreation, and entertainment environments. To provide our customers with the industry's highest quality of products and design support service to ensure the successful completion of their water feature installations.

Our design team collaborates with architects, landscape architects, aquatic consultants, engineers, artists, and end users around the world to develop innovative aquatic play environments and equipment.

BACKED BY A WORLD CLASS COMPANY



PlayCore helps build stronger communities around the world by advancing play and recreation through research, programs, and partnerships. We infuse this learning into our complete family of brands.

We combine best in class planning and education programs with the most comprehensive array of recreation products available to create solutions that match the unique needs of each community we serve. To learn more, log on to www.playcore.com



**CREATING
COMPELLING
GUEST
EXPERIENCES**

Dedicated to Innovation, Quality, and Customer Support

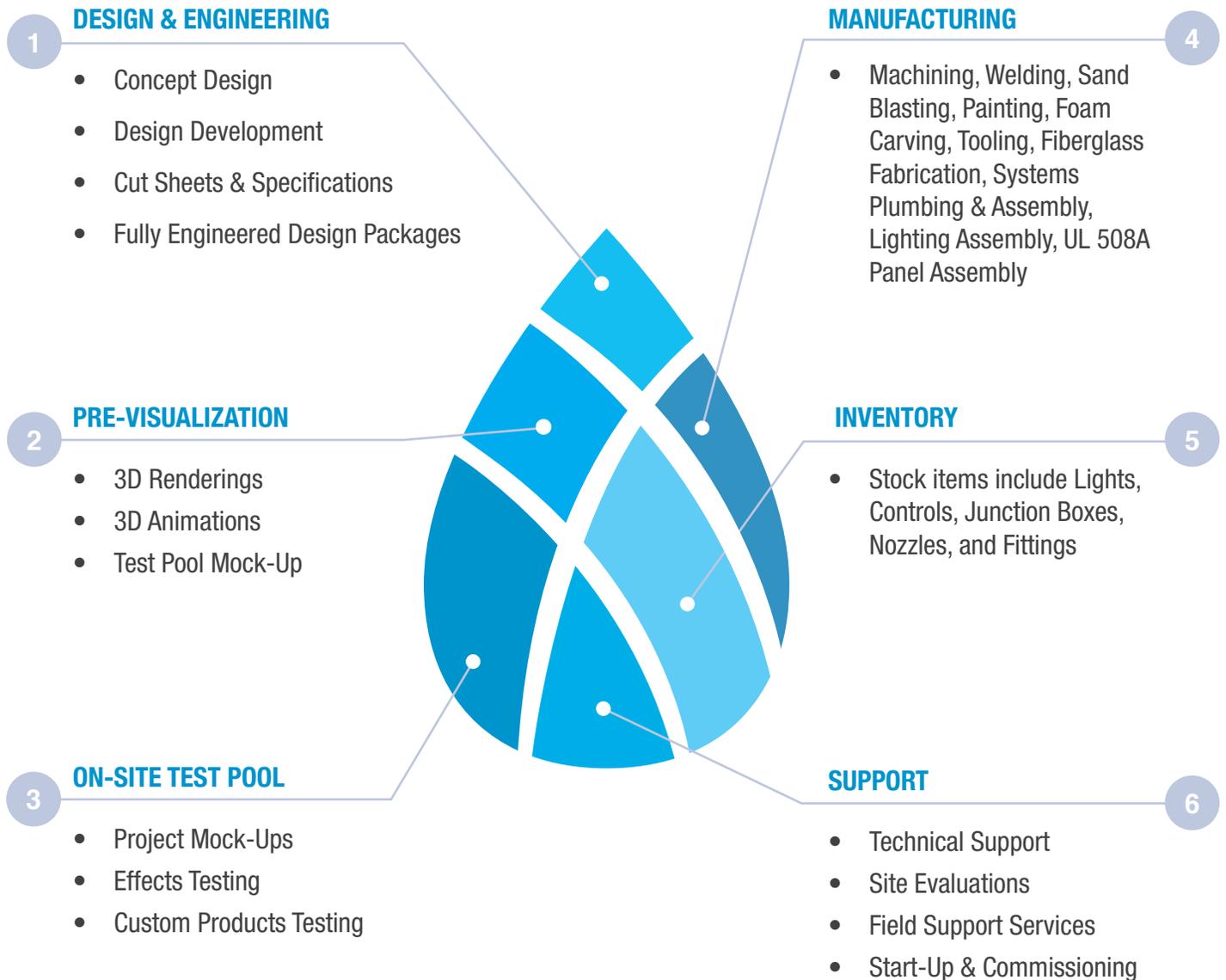


*Let us be a
part of your
design team.*



Capabilities

The "Total Solutions" Approach to Water Feature Design and Manufacturing



Projects



Station Park Show Fountain

Looking to provide one of the most unique retail experiences in the state of Utah, the developers at CenterCal turned to Fountain People to bring their vision to life. Station Park was already the home to approximately eight hundred thousand square feet of retail, entertainment, restaurant, hotel, and office space. To complete CenterCal's vision, Fountain People provided state-of-the-art fountain equipment including L4 LED lighting, static sequencing jets, multi-axis robotic nozzles, and advanced show control systems.

Nestled into a mix of upscale retail, dining and entertainment venues, this water feature creates a unique viewing experience that offers a world-class choreographed fountain every hour on the hour. You can see it dance to the music of world renowned artists with a stunning display of choreographed 30-60 foot high solid streams, vivid colors and water effects. It's as much fun to watch the guests completely captured with by the show. This is a performance you have to see. Between shows there are plenty of things to do and several great places to eat on property. Station Park has since become a destination for families and patrons abroad.



▶ [See this fountain in motion](#)

Projects



Photos by: RDG Planning & Design

Bayliss Park Fountain

As the first park of Council Bluffs created in 1853, Bayliss Park continues to serve as the geographical and symbolic “town square” of the community. Located in the heart of downtown, its features include a plaza, fountain, performance pavilion, children’s water splash pad, playful bronze black squirrel statues, monuments, and markers.

The original fountain was constructed in 1890 and nicknamed “Old Rusty” after years of use. It was eventually retired and relocated, and a new fountain was built with a 30-foot water stream, colorful lights, and dancing waters (1971). With the help of Fountain People, Browner Hatcher, a nationally renowned sculptor, designed the third and current 31-foot fountain, “Wellspring,” with the community’s input; featuring a sculpture, an upper and lower pool, and columns with illumination choreographed to the fountain’s sounds (2006).

This modern fountain utilizes Fountain in a Can™ vertical and arching Dominator™ jets with Lumen 360 LED lights, to create dancing patterns. The spray park, next to the fountain, provides children the opportunity to play in an area of their own. Fountain People provided the complete system with water and lighting effects, drains, controls, and pump & filtration skid.

Projects



Photos by: OLIN Studio

Canal Park Interactive Fountain

Located on 3 city blocks, deep in the heart of Washington, DC. along the historic former Washington Canal system, Canal Park is a unique space that provides recreation 365 days a year. It is a place to cool off and play in the warm months, and a place to ice skate around the fountain during the winter months.

The interactive deck fountain has made a home in the community attracting people from the area to socialize, relax and play. This project utilizes Fountain In A Can™ and LED lights to illuminate the choreographed aerated water effects. Children, and the occasional adult, weave throughout the fountain trying to dodge the water. Getting wet is inevitable.

Rainwater is captured into an 80,000 gallon underground reservoir, treated, and reused to fuel up to 95% of the water needed for the fountains, amenities, and irrigation. This integrated water collections system is said to save DC an average of 1.5 million gallons of potable water per year.

Projects



Stalling's Park Interactive Fountain

This water feature was envisioned as an interactive and architectural fountain, from the gray and red spiral granite center to the twisted spheres at the outer edge, which could serve as a central magnet of activity. The fountain is centered within the plaza, which continues the circular and spiral themes outward in the castings of the trench grates and tree grates, and the mechanics and pump building for the fountain was integrated into one of the picnic shelters near the pool. Brick seating walls with precast caps surround the edge of the fountain area, providing worn-out parents and patrons with places to sit and rest.

Fountain in a Can™ was utilized throughout the project. Three vertical flush jets power the center of the fountain as a dancing circle of aerated jets delights children with a random bouncing effect. Twelve embossed spheres surround the perimeter, each emitting an arching aerated stream towards the center of the fountain. Collectively, these 27 nozzles pump nearly 2,000 gallons per minute of recycled cool water, offering a host of opportunities for interactive play. While hosting park hours for play by day, the fountain also creates a timeless architectural statement at night as it illuminates the space in classic white.



NOZZLES

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Geysr Nozzle:

GEY Series Geysr produces a massive cone-shaped, pulsating column of highly aerated white water.

Specification:

GEY Series Geysr Nozzle, is machined cast bronze construction with female threaded inlet.

- Water Level Dependent - Yes
- Wind Resistance - Very Good
- Sound Level - High
- Clogging Potential - Low
- Splash Radius - 1.5

Material: Machined cast bronze
Finish: Natural bronze

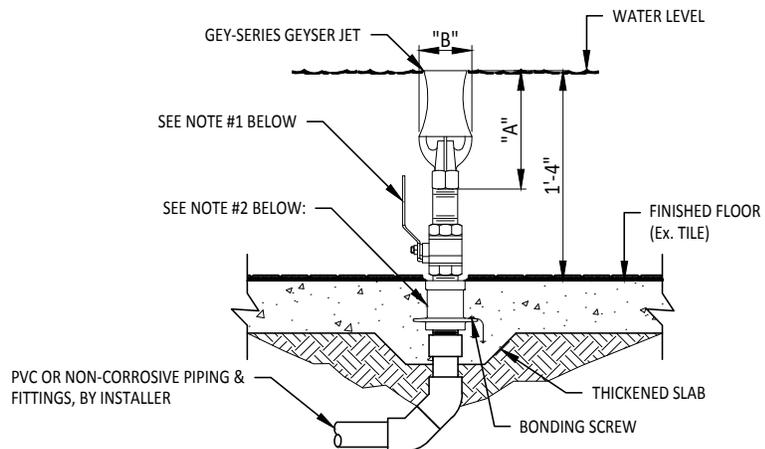


Details

Model Number	NPT	Inches		Feet												
		A	B		2	4	6	8	10	12	15	20	25	30		
GEY-075	¾"	6 ¾	3	GPM	17	22	27	31	36							
				Head Ft.	11	19	25	32	38							
				Spread - Ft.	1	2	3	4	4.5							
GEY-150	1½"	9	4	GPM		35	43	47	55	60	68					
				Head Ft.		13	20	25	30	36	44					
				Spread - Ft.		2	3	4	4.5	4.5	5					
GEY-300	3"	17 ½	5	GPM		110	132	155	170	182	205	225	240	255		
				Head Ft.		16	23	30	37	46	57	74	90	110		
				Spread - Ft.		2	3	4.5	5.5	6	7	8.5	10	11		

TECHNICAL NOTES:

1. BALL VALVE AS REQUIRED PER DESIGN FOR DISCHARGE FLOW CONTROL.
2. WATERSTOP FITTING REQUIRED FOR CONCRETE POUR. SIZE BASED ON PIPING AND NOZZLE SIZE. (SEE CATALOG ITEM: FWS-SERIES)
3. TYPICAL WATER DEPTH SHOWN MAY VARY. CONTACT FOUNTAIN PEOPLE FOR SHALLOWER APPLICATIONS.
4. MAY REQUIRE WAVE BAFFLE FOR SYMMETRICAL SHAPED POOLS. CONSULT FOUNTAIN PEOPLE FOR SPECIFIC APPLICATIONS.
5. THIS NOZZLE IS WATER LEVEL DEPENDENT.



Cascade Nozzle:

CAS Series nozzle creates a highly aerated “pine tree” shaped geyser of water.

Specification:

CAS Series Cascade Nozzle is a precision machined brass construction with female threaded inlet. It is a water level dependent effect that is subject to creating wave action in a pool. When used in smaller or symmetrical pools, a wave dampener is recommended.

- Water Level Dependent - Yes
- Wind Resistance - Very Good
- Sound Level - High
- Clogging Potential - Low
- Splash Radius - 1.5

Material: Machined brass
Finish: Natural brass

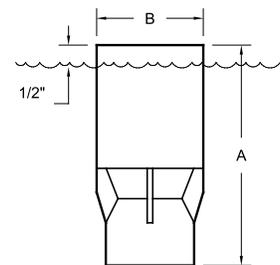


Details

Model Number	NPT	Inches		Feet	2	4	6	8	10	12	15	20	25	30
		A	B		GPM	Head Ft.	Spread - Ft.	GPM	Head Ft.	Spread - Ft.	GPM	Head Ft.	Spread - Ft.	GPM
CAS-100	1"	6	2¼	GPM	15	21	29	37						
					Head Ft.	12	21	35	51					
					Spread - Ft.	.75	1	2	3					
CAS-150	1½"	7	3	GPM			48	60	65	70				
					Head Ft.			36	55	62	71			
					Spread - Ft.			2	3	4	4.5			
CAS-200	2"	8	4¼	GPM			70	74	80	88	100			
					Head Ft.			21	29	37	45	55		
					Spread - Ft.			2	2.5	3	3.5	4.5		
CAS-300	3"	9	5	GPM			110	127	142	162	190	220	240	
					Head Ft.			14	19	28	37	53	72	80
					Spread - Ft.			2.5	2.75	3	3.5	5	8	11

TECHNICAL NOTES:

1. BALL VALVE AS REQUIRED PER DESIGN FOR DISCHARGE FLOW CONTROL.
2. WATERSTOP FITTING REQUIRED FOR CONCRETE POUR. SIZE BASED ON PIPING AND NOZZLE SIZE. (SEE CATALOG ITEM: FWS-SERIES)
3. TYPICAL WATER DEPTH SHOWN MAY VARY. CONTACT FOUNTAIN PEOPLE FOR SHALLOWER APPLICATIONS.
4. MAY REQUIRE WAVE BAFFLE FOR SYMMETRICAL SHAPED POOLS. CONSULT FOUNTAIN PEOPLE FOR SPECIFIC APPLICATIONS.
5. THIS NOZZLE IS WATER LEVEL DEPENDENT.





Chandelier™ Nozzle:

CHN Chandelier Nozzle provides an ellipsoidal sphere of water droplets.

Specification:

CHN Chandelier Nozzle, bronze and brass construction, water level dependent spray effect that requires a constant water level for proper operation. This nozzle is subject to wind. Allow extra area to capture splash or use a wind control device. MNPT connection.

- Water Level Dependent - Yes
- Wind Resistance - Poor
- Sound Level - Moderate
- Clogging Potential - Low
- Splash Radius - 2.0

Material: Machined cast bronze and brass
Finish: Natural bronze and brass

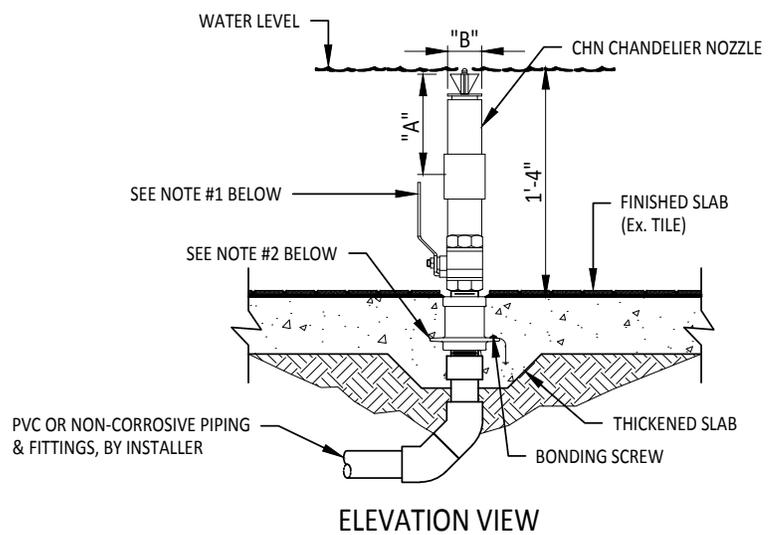


Details

Model Number	NPT	Inches		Feet														
		A	B		2	3	4	5	6	7	8							
CHN-200	2"	7	2%	GPM	65	75	90	100	110	115	125							
				Head Ft.	3	4	6	7	8	9	11							
				Spread - Ft.	4	6	8	9	10	11	12							

TECHNICAL NOTES:

1. BALL VALVE AS REQUIRED PER DESIGN FOR DISCHARGE FLOW CONTROL.
2. WATERSTOP FITTING REQUIRED FOR CONCRETE POUR. SIZE BASED ON PIPING AND NOZZLE SIZE. (SEE CATALOG ITEM: FWS-SERIES)
3. TYPICAL WATER DEPTH SHOWN MAY VARY. CONTACT FOUNTAIN PEOPLE FOR SHALLOWER APPLICATIONS.
4. THIS NOZZLE IS WATER LEVEL DEPENDENT.



Snowball Nozzle:

SNO Series Snowball Nozzle creates a hemisphere of water droplets.

Specification:

SNO Series Snowball Nozzle, bronze and brass construction, flared cone orifice with central diverter. This nozzle is subject to wind. Allow extra area to capture splash or use a wind control device. FNPT connection.

- Water Level Dependent - No
- Wind Resistance - Fair
- Sound Level - High
- Clogging Potential - Low
- Splash Radius - 2.0

Material: Machined cast bronze and brass
Finish: Natural bronze and brass

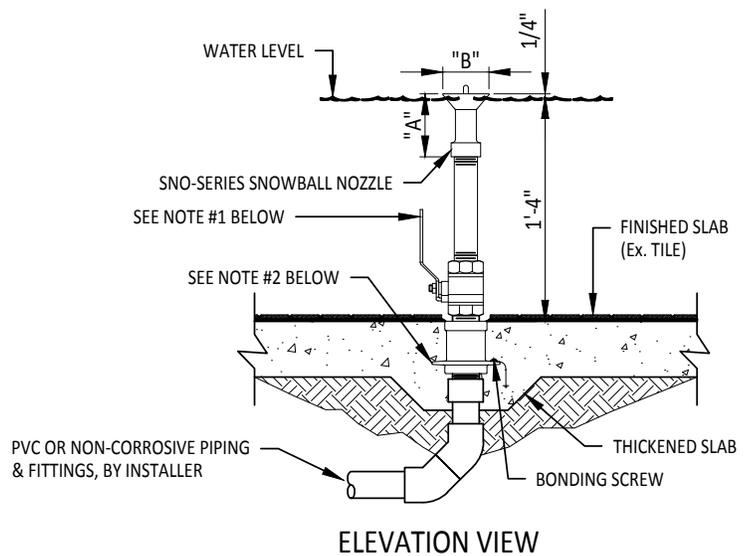


Details

Model Number	NPT	Inches		Feet	2	3	4	5	6	7	8
		A	B		GPM	Head Ft.	Spread - Ft.	GPM	Head Ft.	Spread - Ft.	GPM
SNO-150	1½"	4½	3¾		73	80	100	115	120		
					4	6	9	11	13		
					4	6	8	10	12		
SNO-200	2"	6	4¾"			105	115	125	140	150	160
						9	11	13	15	17	19
						7	9	11	14	15	16

TECHNICAL NOTES:

1. BALL VALVE AS REQUIRED PER DESIGN FOR DISCHARGE FLOW CONTROL.
2. WATERSTOP FITTING REQUIRED FOR CONCRETE POUR. SIZE BASED ON PIPING AND NOZZLE SIZE. (SEE CATALOG ITEM: FWS-SERIES)
3. TYPICAL WATER DEPTH SHOWN MAY VARY. CONTACT FOUNTAIN PEOPLE FOR SHALLOWER APPLICATIONS.
4. THIS NOZZLE IS WATER LEVEL INDEPENDENT.
5. NOZZLE REQUIRES FINE SCREENING FOR DEBRIS REMOVAL. #40 MESH OR SMALLER.



BUB-S Series



Bubbler Nozzle:

BUB-S Series Bubbler Nozzle provides an aerated mound of water by the induction of air into the water effect by means of an air snorkel with adjustable air control valve.

Specification:

BUB-S Series Bubbler Nozzle, copper and bronze construction, water level dependent spray effect with air intake, FNPT connection.

- Water Level Dependent - Yes
- Wind Resistance - Very Good
- Sound Level - Moderate
- Clogging Potential - Low
- Splash Radius - 1.5

Material: Copper and bronze
Finish: Natural copper and bronze

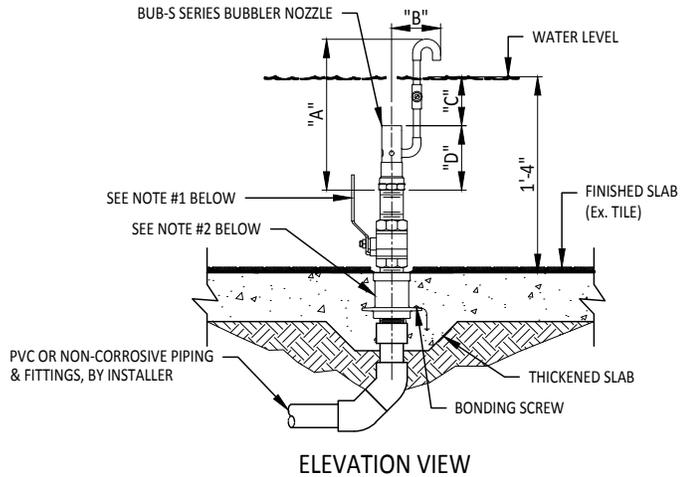


Details

Model Number	NPT	Inches				Feet										
		A	B	C	D		.5	1	1.5	2	2.5	3	3.5	4		
BUB-S-100	1"	10	3¾	3	4	GPM	11	15	20	23						
						Head Ft.	2	4	6	7						
						Spread - Ft.	.2	.75	1	1.5						
BUB-S-150	1½"	12	4	4	5	GPM		40	49	55	60	65				
						Head Ft.		4	6	7	10	11				
						Spread - Ft.		.83	1	1.5	1.67	2				
BUB-S-200	2"	14	4¾	5	6	GPM		50	58	65	70	75	80			
						Head Ft.		4	6	7	8	9	11			
						Spread - Ft.		1	1.25	1.5	1.67	2	2.5			
BUB-S-300	3"	16	4¾	6	7	GPM				135	149	162	171	180		
						Head Ft.				6	8	9	11	12		
						Spread - Ft.				1.67	2.34	3	3.25	3.5		

TECHNICAL NOTES:

1. BALL VALVE AS REQUIRED PER DESIGN FOR DISCHARGE FLOW CONTROL.
2. WATERSTOP FITTING REQUIRED FOR CONCRETE POUR. SIZE BASED ON PIPING AND NOZZLE SIZE. (SEE CATALOG ITEM: FWS-SERIES)
3. TYPICAL WATER DEPTH SHOWN MAY VARY. CONTACT FOUNTAIN PEOPLE FOR SHALLOWER APPLICATIONS.
4. MAY REQUIRE WAVE BAFFLE FOR SYMMETRICAL SHAPED POOLS. CONSULT FOUNTAIN PEOPLE FOR SPECIFIC APPLICATIONS.
5. THIS NOZZLE IS WATER LEVEL DEPENDENT.



Highlighted sections indicate optimum performance

Bubbler Nozzle:

BUB-NS Series Bubbler Nozzle provide an aerated mound of water.

Specification:

BUB-NS Series Bubbler Nozzle, cast bronze construction, water level dependent spray effect, FNPT connection.

- Water Level Dependent - Yes
- Wind Resistance - Very Good
- Sound Level - Moderate
- Clogging Potential - Low
- Splash Radius - 1.5

Material: Cast bronze
Finish: Natural bronze

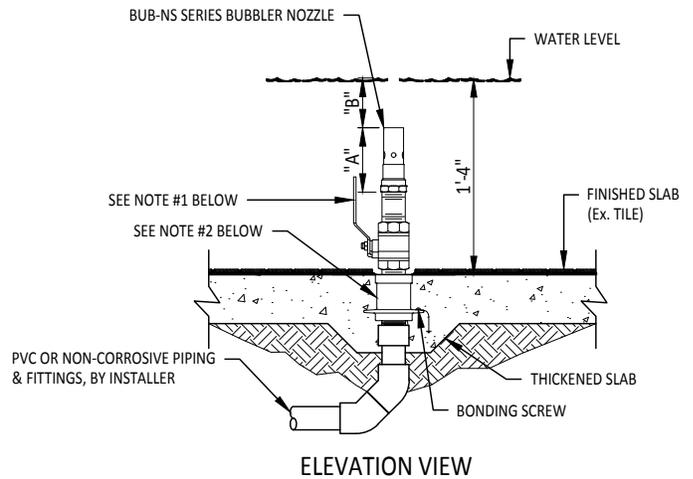


Details

Model Number	NPT	Inches		Feet	.25	.5	.75	1	1.25	1.5	1.75	2
		A	B									
BUB-NS-100	1"	4	3	GPM	11	15	20	23				
				Head Ft.	2	4	6	7				
				Spread - Ft.	.2	.75	1	1.5				
BUB-NS-150	1½"	5	4	GPM		40	49	55	60	65		
				Head Ft.		4	6	7	10	11		
				Spread - Ft.		.83	1	1.5	1.67	2		
BUB-NS-200	2"	6	5	GPM		50	58	65	70	75	80	
				Head Ft.		4	6	7	8	9	11	
				Spread - Ft.		1	1.25	1.5	1.67	2	2.5	
BUB-NS-300	3"	7	6	GPM				135	149	162	171	180
				Head Ft.				6	8	9	11	12
				Spread - Ft.				1.67	2.34	3	3.25	3.5

TECHNICAL NOTES:

1. BALL VALVE AS REQUIRED PER DESIGN FOR DISCHARGE FLOW CONTROL.
2. WATERSTOP FITTING REQUIRED FOR CONCRETE POUR. SIZE BASED ON PIPING AND NOZZLE SIZE. (SEE CATALOG ITEM: FWS-SERIES)
3. FLOW RATES SHOWN AT 16" OPERATING WATER DEPTH. CONTACT FOUNTAIN PEOPLE FOR SHALLOWER APPLICATIONS.
4. MAY REQUIRE WAVE BAFFLE FOR SYMMETRICAL SHAPED POOLS. CONSULT FOUNTAIN PEOPLE FOR SPECIFIC APPLICATIONS.
5. THIS NOZZLE IS WATER LEVEL DEPENDENT.



Highlighted sections indicate optimum performance

HBN Series



Hollow Bore Nozzle:

The Hollow Bore nozzle creates a frothy aerated stream of water.

Specification:

HBN Series Hollow Bore Nozzle, is machined brass construction with stainless steel fasteners, and includes integral alignment swivel. FNPT connection.

- Water Level Dependent - No
- Wind Resistance - Very Good
- Sound Level - Moderate
- Clogging Potential - Low
- Splash Radius - 1.5

Material: Machined brass and cast bronze
Finish: Natural brass and bronze

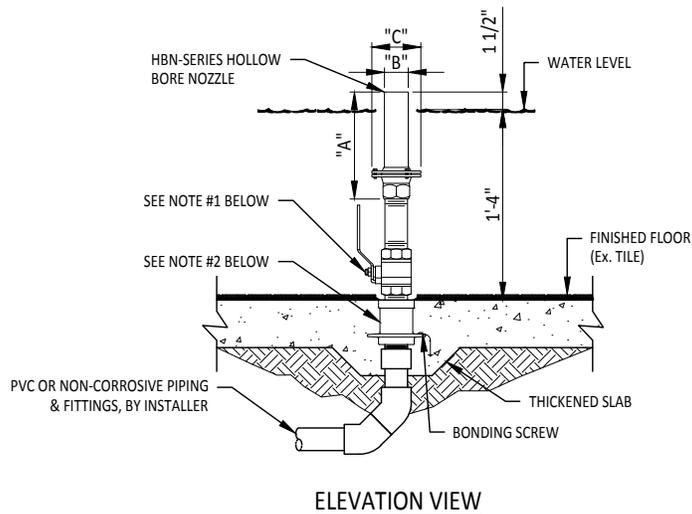


Details

Model Number	NPT	Dimensions			Feet	Spray Height/Throw Performance								
		A	B	C		4	6	8	10	12	15	20	30	50
HBN-100	1"	7½"	1"	2¾"	GPM	9	11	13						
					Head Ft.	10	15	20						
HBN-150	1½"	9"	1½"	3"	GPM	18	22	25	30	39				
					Head Ft.	9	13	17	23	28				
HBN-200	2"	10"	2"	4½"	GPM	30	36	42	47	54	61	69		
					Head Ft.	5	9	12	16	20	24	34		
HBN-300	3"	12½"	3"	6¼"	GPM		81	94	105	116	126	149	182	240
					Head Ft.		9	11	14	17	21	28	43	82

TECHNICAL NOTES:

1. BALL VALVE AS REQUIRED PER DESIGN FOR DISCHARGE FLOW CONTROL.
2. WATERSTOP FITTING REQUIRED FOR CONCRETE POUR. SIZE BASED ON PIPING AND NOZZLE SIZE. (SEE CATALOG ITEM: FWS-SERIES)
3. TYPICAL WATER DEPTH SHOWN MAY VARY. CONTACT FOUNTAIN PEOPLE FOR SHALLOWER APPLICATIONS.
4. THIS NOZZLE IS WATER LEVEL INDEPENDENT.
5. NOZZLE REQUIRES FINE SCREENING FOR DEBRIS REMOVAL. #20 MINIMUM MESH OR SMALLER.



Foam Jet Nozzle:

FOM Series Foam Nozzle provides a highly aerated foamy column of water.

Specification:

FOM Series Foam Nozzle, water level independent effect, machined brass and cast bronze construction with stainless steel fasteners, and includes integral alignment swivel. FNPT connection.

- Water Level Dependent - No
- Wind Resistance - Very Good
- Sound Level - High
- Clogging Potential - Low
- Splash Radius - 1.5

Material: Machined brass and cast bronze
Finish: Natural brass and bronze

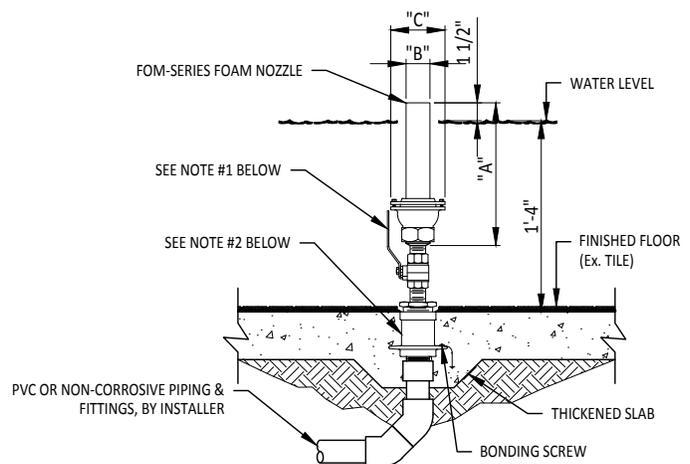


Details

Model Number	NPT	Dimensions			Feet	Spray Height/Throw Performance											
		A	B	C		1	2	3	4	5	6	8	10	12			
FOM-050	½"	8	1	2¾"	GPM	7	9	11	12								
					Head Ft.	3	5	7	10								
FOM-075	¾"	10	1¾"	3½"	GPM	13	20	26	29	31	36						
					Head Ft.	3	6	10	13	15	19						
FOM-100	1"	10¼"	2¼"	4½"	GPM	21	31	36	44	50	53	56					
					Head Ft.	3	6	9	12	14	18	21					
FOM-150	1½"	13¾"	3¾"	6¼"	GPM	39	59	66	77	88	96	112	127	138			
					Head Ft.	3	6	8	11	13	16	20	27	33			

TECHNICAL NOTES:

1. BALL VALVE AS REQUIRED PER DESIGN FOR DISCHARGE FLOW CONTROL.
2. WATERSTOP FITTING REQUIRED FOR CONCRETE POUR. SIZE BASED ON PIPING AND NOZZLE SIZE. (SEE CATALOG ITEM: FWS-SERIES)
3. 16" NOMINAL OPERATING WATER DEPTH SHOWN. CONTACT FOUNTAIN PEOPLE FOR SHALLOWER APPLICATIONS.
4. THIS NOZZLE IS WATER LEVEL INDEPENDENT.
5. NOZZLE REQUIRES FINE SCREENING FOR DEBRIS REMOVAL. #20 MINIMUM MESH OR SMALLER.



FRO Series



Frothy Nozzle:

FRO Series Frothy Nozzle provides a frothy mix of air and water, giving the illusion of a high column of water.

Specification:

FRO Series Frothy Nozzle, stainless steel construction, works independently of the water level so that fluctuations in the water level do not affect the water pattern.

- Water Level Dependent - Yes
- Wind Resistance - Very Good
- Sound Level - Moderate
- Clogging Potential - Low
- Splash Radius - 1.5

Material: Machined stainless steel
Finish: Stainless steel

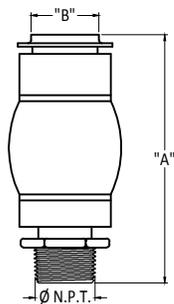


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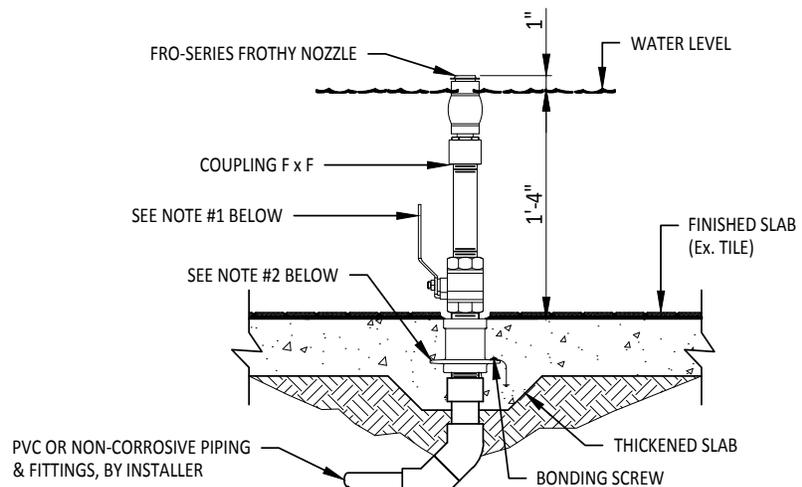
Model Number	NPT	Dimensions		Feet	Spray Height/Throw Performance											
		A	B		3	4	5	6	7	8	10	11	13	15	16	20
FRO-100	1"	2 ⁵ / ₁₆ "	2 ³ / ₈ "	GPM	21	23	25	27	29	32						
				Head Ft.	9	11	13	15	17	22						
FRO-150	1 ¹ / ₂ "	7"	9 ³ / ₁₆ "	GPM	46	52	57	62	67	74	81	88	95	101	106	117
				Head Ft.	6	8	9	11	13	16	19	22	26	29	32	39
FRO-200	2"	9 ⁷ / ₁₆ "	4"	GPM	87	97	106	114	122	137	150	162	173	184	194	212
				Head Ft.	6	8	10	11	13	16	19	23	26	29	32	39

TECHNICAL NOTES:

1. BALL VALVE AS REQUIRED PER DESIGN FOR DISCHARGE FLOW CONTROL.
2. WATERSTOP FITTING REQUIRED FOR CONCRETE POUR. SIZE BASED ON PIPING AND NOZZLE SIZE. (SEE CATALOG ITEM: FWS-SERIES)
3. TYPICAL WATER DEPTH SHOWN MAY VARY. CONTACT FOUNTAIN PEOPLE FOR SHALLOWER APPLICATIONS.
4. THIS NOZZLE IS WATER LEVEL INDEPENDENT.



ELEVATION



ELEVATION VIEW

Peacock Nozzle:

PEA Series Peacock Nozzle provides an unique fan-shaped water effect, similar in shape to a Peacock's tail.

Specification:

PEA Series Peacock Nozzle, machined cast bronze construction, fabricated as open slot with additional diamond flared center for higher volume flow characteristics. FNPT connection.

- Water Level Dependent - Yes
- Wind Resistance - Low
- Sound Level - Fair
- Clogging Potential - Low
- Splash Radius - 2

Material: Machined cast bronze
Finish: Natural bronze

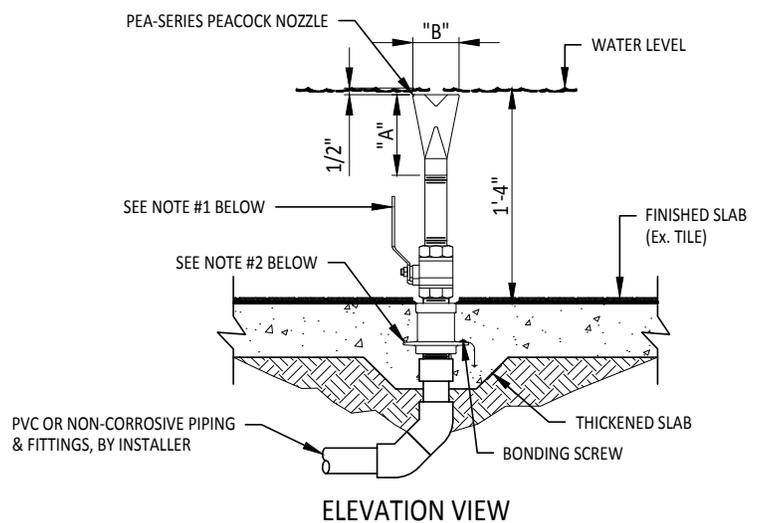


Details

Model Number	NPT	Dimensions		Feet	Spray Height/Throw Performance						
		A	B		3	4	5	6	8	10	12
PEA-100	1"	6"	3 1/4"	GPM	42	52	56	62	76		
				Head Ft.	4	5	7	9	13		
				Spread Ft.	3	4	5	7	10		
PEA-125	1 1/4"	7"	4 1/4"	GPM		80	95	100	115	130	140
				Head Ft.		5	7	8	12	14	19
				Spread Ft.		1.5	1.7	2	2.5	3	3.5
PEA-200	2"	9 1/2"	5 1/4"	GPM				155	175	195	220
				Head Ft.				8	12	14	18
				Spread Ft.				2.5	3	3.5	4

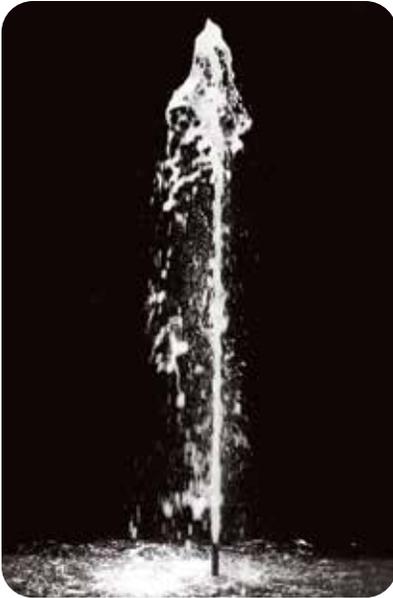
TECHNICAL NOTES:

1. BALL VALVE AS REQUIRED PER DESIGN FOR DISCHARGE FLOW CONTROL.
2. WATERSTOP FITTING REQUIRED FOR CONCRETE POUR. SIZE BASED ON PIPING AND NOZZLE SIZE. (SEE CATALOG ITEM: FWS-SERIES)
3. TYPICAL WATER DEPTH SHOWN MAY VARY. CONTACT FOUNTAIN PEOPLE FOR SHALLOWER APPLICATIONS.
4. THIS NOZZLE IS WATER LEVEL DEPENDENT.



Highlighted sections indicate optimum performance

DOM Series



Dominator™ Nozzle:

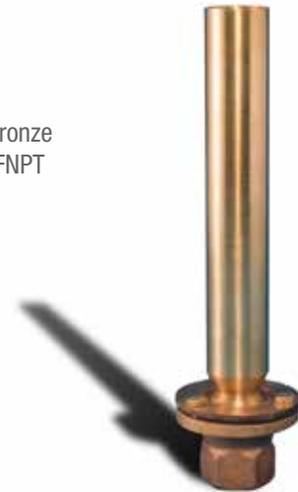
DOM Series Dominator™ Nozzle provides an aerated stream of water with low clog potential.

Specification:

DOM Series Dominator™ Nozzle, machined brass and cast bronze construction, angle adjustable swivel up to 15° off vertical. FNPT connection.

- Water Level Dependent - No
- Wind Resistance - Very Good
- Sound Level - Moderate
- Clogging Potential - Low
- Splash Radius - 1.5

Material: Machined brass and cast bronze
Finish: Natural brass and bronze

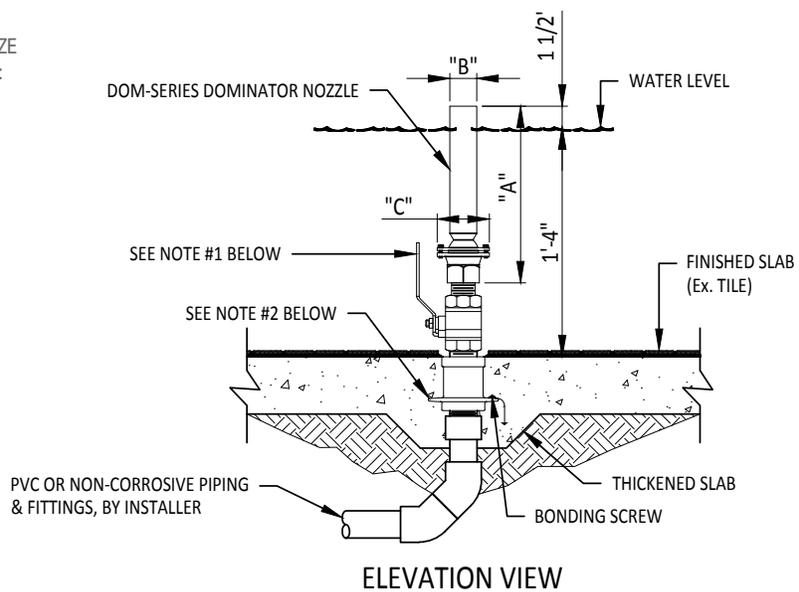


Details

Model Number	NPT	Dimensions			Feet	Spray Height/Throw Performance								
		A	B	C		3	4	5	6	8	10	15	20	25
DOM-075	¾"	9"	⅞"	2¾"	GPM	7	8	9	10	12	15			
					Head Ft.	4.5	7	8	10.5	14	17.5			
DOM-100	1"	10½"	1¼"	2¾"	GPM	11	14	17	20	25	30	38	46	
					Head Ft.	4.5	6	8	10.5	14	18.5	30	41.5	
DOM-150	1½"	14¾"	1⅝"	3⅝"	GPM		40	45	50	58	67	80	95	106
					Head Ft.		6	8	9	11.5	16	24.5	32	44

TECHNICAL NOTES:

1. BALL VALVE AS REQUIRED PER DESIGN FOR DISCHARGE FLOW CONTROL.
2. WATERSTOP FITTING REQUIRED FOR CONCRETE POUR. SIZE BASED ON PIPING AND NOZZLE SIZE. (SEE CATALOG ITEM: FWS-SERIES)
3. TYPICAL WATER DEPTH SHOWN MAY VARY. CONTACT FOUNTAIN PEOPLE FOR SHALLOWER APPLICATIONS.
4. THIS NOZZLE IS NOT WATER LEVEL INDEPENDENT.



Smooth Bore Nozzle:

SBN Series Smooth Bore Nozzle produces a solid stream of water. The nozzle is angle adjustable with integral alignment swivel.

Specification:

SBN Series Smooth Bore Nozzle, machined cast bronze construction with stainless steel fasteners, and includes integral alignment swivel. FNPT connection.

- Water Level Dependent - No
- Wind Resistance - Very Good
- Sound Level - Moderate
- Clogging Potential - Low
- Splash Radius - 1.0

Material: Machined cast bronze
Finish: Natural bronze

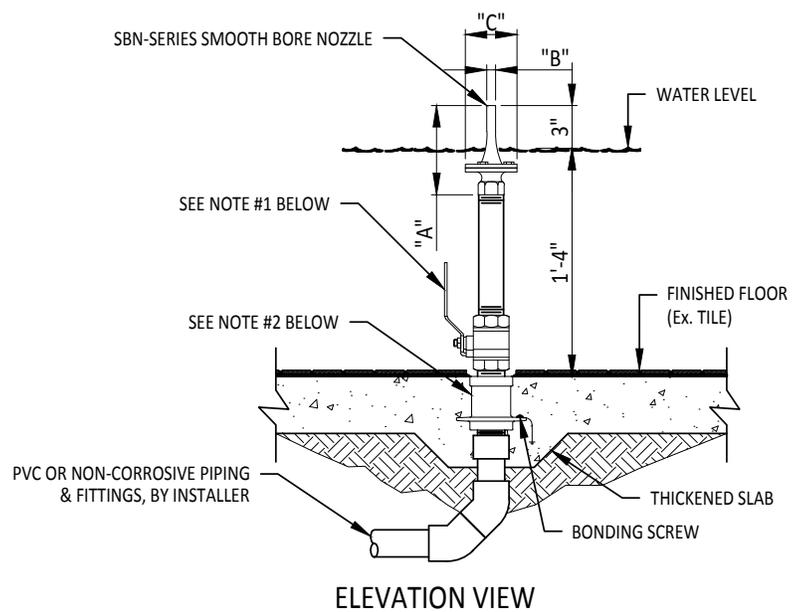


Details

Model Number	NPT	Dimensions			Feet	Spray Height/Throw Performance							
		A	B	C		5	10	15	20	25	30	40	60
SBN-100	1"	5 1/8"	3/8"	2 3/4"	GPM	7	12	15	19				
					Head Ft.	8	14	20	27				
SBN-150	1 1/2"	6 1/4"	5/8"	3 5/8"	GPM	20	28	38	44	50	58		
					Head Ft.	8	14	20	27	35	42		
SBN-200	2"	7 1/2"	7/8"	4 1/2"	GPM	38	52	68	80	92	102	120	
					Head Ft.	8	14	20	27	35	42	55	
SBN-300	3"	12 1/2"	1 1/8"	6 1/8"	GPM	63	92	115	130	145	160	188	235
					Head Ft.	8	14	20	27	35	42	55	82

TECHNICAL NOTES:

1. BALL VALVE AS REQUIRED PER DESIGN FOR DISCHARGE FLOW CONTROL.
2. WATERSTOP FITTING REQUIRED FOR CONCRETE POUR. SIZE BASED ON PIPING AND NOZZLE SIZE. (SEE CATALOG ITEM: FWS-SERIES)
3. TYPICAL WATER DEPTH SHOWN MAY VARY. CONTACT FOUNTAIN PEOPLE FOR SHALLOWER APPLICATIONS.
4. THIS NOZZLE IS WATER LEVEL INDEPENDENT.



JCN Series



Jet Cluster Nozzle:

The JCN Jet Cluster creates a medium column of water.

Specification:

JCN Jet Cluster Nozzle, machined cast bronze and brass construction, uses multiple solid stream nozzles grouped to create a fuller effect.

- Water Level Dependent - No
- Wind Resistance - Good
- Sound Level - Moderate
- Clogging Potential - Moderate
- Splash Radius - 1.0

Material: Machined cast bronze and brass
Finish: Natural brass and bronze

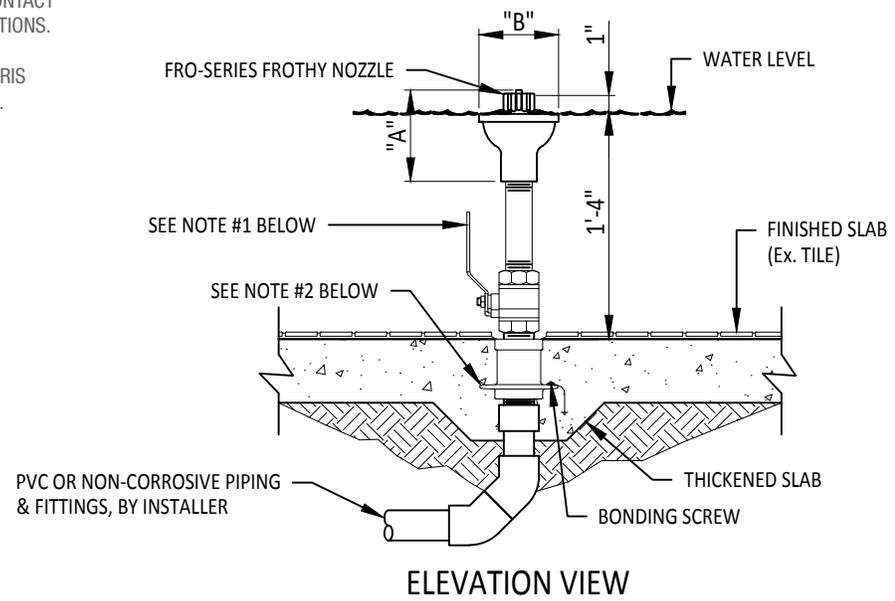


Details

Model Number	NPT	Dimensions		Feet	Spray Height					
		A	B		2	4	6	8	10	12
JCN-150	1½"	5¾"	5"	GPM	25	35	40	45	49	32
				Head Ft.	3	5	8	12	14	22

TECHNICAL NOTES:

1. BALL VALVE AS REQUIRED PER DESIGN FOR DISCHARGE FLOW CONTROL.
2. WATERSTOP FITTING REQUIRED FOR CONCRETE POUR. SIZE BASED ON PIPING AND NOZZLE SIZE. (SEE CATALOG ITEM: FWS-SERIES)
3. TYPICAL WATER DEPTH SHOWN MAY VARY. CONTACT FOUNTAIN PEOPLE FOR SHALLOWER APPLICATIONS.
4. THIS NOZZLE IS WATER LEVEL INDEPENDENT.
5. NOZZLE REQUIRES FINE SCREENING FOR DEBRIS REMOVAL. #14 MINIMUM MESH OR SMALLER.



Finger Jet Nozzle:

The FIN Finger Jet creates a fan-shaped spray of solid streams of water.

Specification:

FIN Finger Jet Nozzle, machined cast bronze and brass construction, has an integral adjustment swivel and uses multiple precision jets. An in-line Y-strainer is recommended to reduce maintenance.

- Water Level Dependent - No
- Wind Resistance - Fair
- Sound Level - Moderate
- Clogging Potential - Moderate
- Splash Radius - 1.5

Material: Machined cast bronze and brass
Finish: Natural bronze and brass

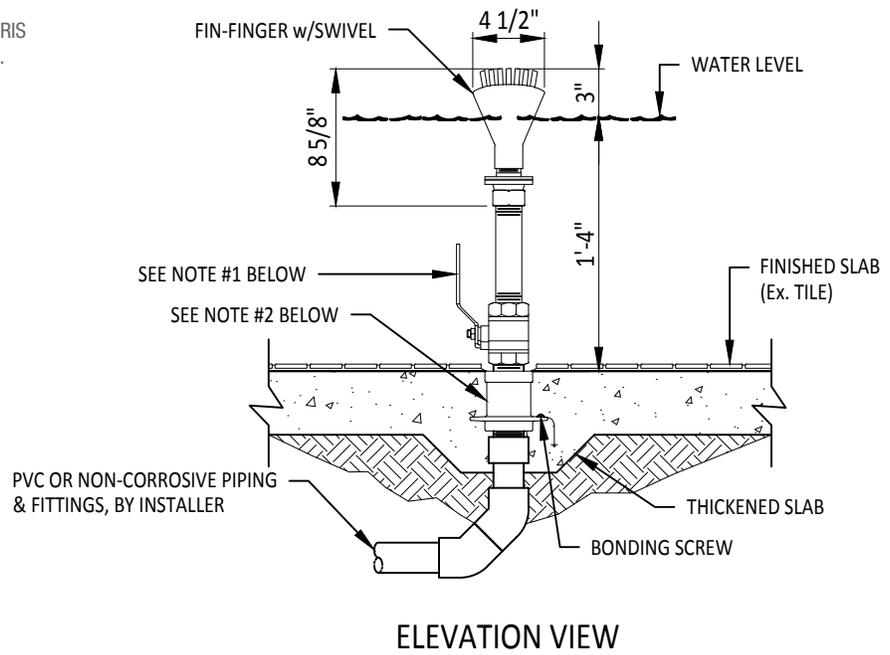


Details

TECHNICAL NOTES:

1. BALL VALVE AS REQUIRED PER DESIGN FOR DISCHARGE FLOW CONTROL.
2. WATERSTOP FITTING REQUIRED FOR CONCRETE POUR. SIZE BASED ON PIPING AND NOZZLE SIZE. (SEE CATALOG ITEM: FWS-SERIES)
3. FLOW RATES SHOWN AT 16" OPERATING WATER DEPTH. CONTACT FOUNTAIN PEOPLE FOR SHALLOWER APPLICATIONS.
4. SWIVEL CONNECTION ALLOWS FOR 15° ANGLE ADJUSTMENT OFF VERTICAL.
5. THIS NOZZLE IS WATER LEVEL INDEPENDENT.
6. NOZZLE REQUIRES FINE SCREENING FOR DEBRIS REMOVAL. #14 MINIMUM MESH OR SMALLER.

Model Number	NPT	Adjustable Angle	Throw Feet	Rise Feet	Spread Feet	GPM	Head Feet
FIN-125	1 1/4"	15°	5	2	4	20	5
			10	3	7	25	10
			15	4	10	30	15



WCN Series

Water Castle Nozzle:

WCN Series Water Castle Nozzle provides a "fleur-de-lis" style water effect. The water castle nozzle produces a three-tier array of solid stream jets consisting of two outward falling rings and single aligned center stream

Specification

WCN Series Water Castle Nozzle, machined bronze and brass construction with 1-1/2" FNPT connection.

- Water Level Dependent - No
- Wind Resistance - Fair
- Sound Level - Moderate
- Clogging Potential - Moderate
- Splash Radius - 1.5

Material: Machined cast bronze and brass
 Finish: Natural bronze and brass
 Nozzles: One .269" and twenty-seven .214" orifices.

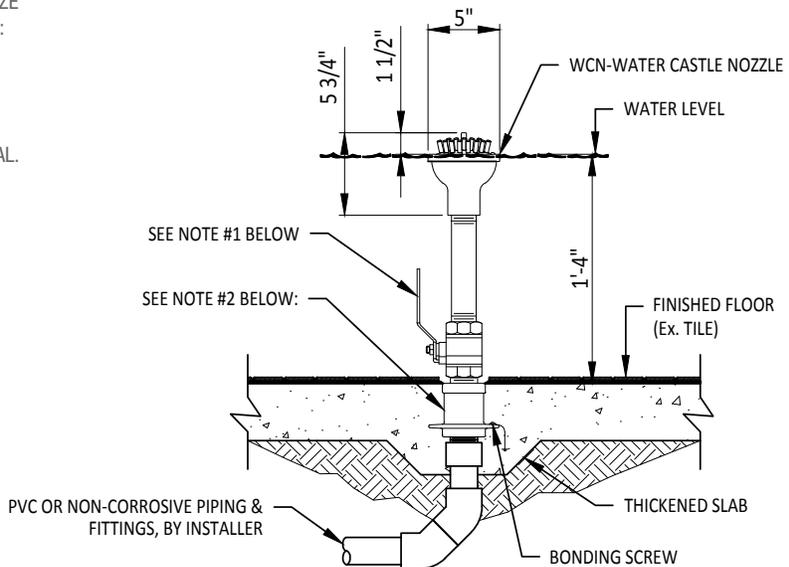


Details

Model Number	NPT	Feet	4	5	6	8	10	12	14
WCN-150	1 1/2"	GPM	30	35	40	51	57	66	70
		Head Ft.	5	6	7	10	13	17	20
		Spread Ft.	2	3	4	5	6	7	8

TECHNICAL NOTES:

1. BALL VALVE AS REQUIRED PER DESIGN FOR DISCHARGE FLOW CONTROL.
2. WATERSTOP FITTING REQUIRED FOR CONCRETE POUR. SIZE BASED ON PIPING AND NOZZLE SIZE. (SEE CATALOG ITEM: FWS-SERIES)
3. TYPICAL WATER DEPTH SHOWN MAY VARY. CONTACT FOUNTAIN PEOPLE FOR SHALLOWER APPLICATIONS.
4. THIS NOZZLE IS WATER LEVEL INDEPENDENT.
5. NOZZLE REQUIRES FINE SCREENING FOR DEBRIS REMOVAL. #14 (MINIMUM) MESH OR SMALLER.



ELEVATION VIEW

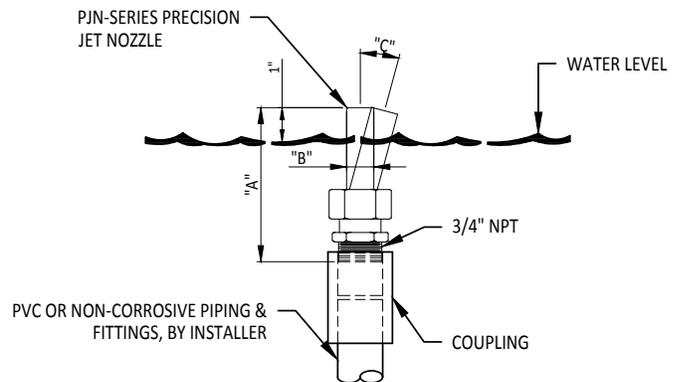


Details

Model Number	NPT	Inches		Degrees	Feet	Spray Height/Throw Performance									
		A	B			1	2	3	4	6	8	10	15	20	
PJN-125	¼"	1¾"	.125	10	GPM	0.3	0.4	0.5	0.6	0.7					
					Head Ft.	2	3	4.5	6	9					
PJN-187	¼"	2½"	.187	15	GPM		1	1.5	2	2.5	3				
					Head Ft.		3	4.5	6	9	12				
PJN-250	¼"	2½"	.250	15	GPM		2	2.5	3	4.5	5	6			
					Head Ft.		3	4.5	6	9	12	14			
PJN-375	½"	3"	.375	15	GPM				4	6.5	8.25	10	13		
					Head Ft.				6	9	12	14	20		
PJN-500	¾"	¾"	.500	15	GPM					16	17	19	22	26	
					Head Ft.					9	12	14	20	27	

TECHNICAL NOTES:

1. NOZZLE (PJN-125, PJN-187) REQUIRES FINE SCREENING FOR DEBRIS REMOVAL. #14 MESH OR SMALLER. CONTACT FOUNTAIN PEOPLE FOR SPECIFIC REQUIREMENTS.
2. THIS NOZZLE IS WATER LEVEL INDEPENDENT.



ELEVATION VIEW



Dome

Spray Ring:

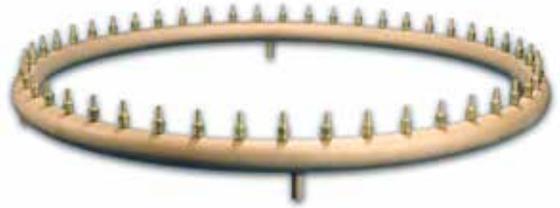
SPR Series Spray Ring Nozzle provides a variety of patterns using a prefabricated ring of adjustable nozzles.

Specification:

SPR Series Spray Ring Nozzle, brass or stainless steel construction, utilizes adjustable .187" orifice precision jets (quantity of nozzles based on ring diameter), an in-line Y-stainer is recommended to reduce maintenance.

- Water Level Dependent - No
- Wind Resistance - Fair
- Sound Level - Moderate
- Clogging Potential - Moderate
- Splash Radius - 1.0 to 2.0

Material: Machined brass
Finish: Natural brass



Inside Fall



Vertical



Basket Weave



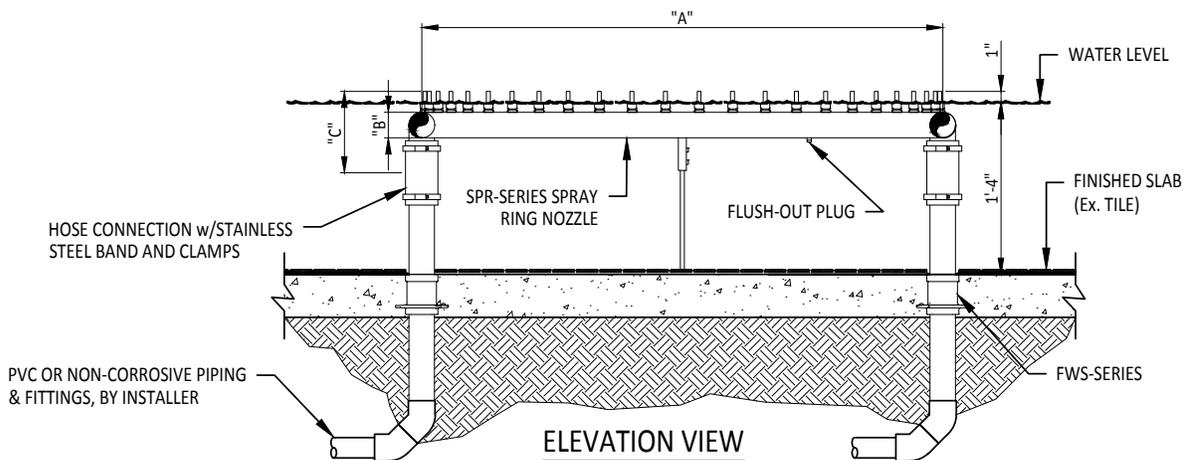
Outside Fall

Spray Ring: Details

Model Number	Inlet		A Ft.	B In.	C In.	Number of Jets	Flush Plugs		Number of Legs	Feet	Spray Height											
	Qty	Size					Qty	Size			2	3	4	5	6	8	10	12	14	16		
SPR-18	1	1½"	1.5	1½	6½	18	1	½"	2	GPM	18	25	32	34	35							
											Head Ft.	3	4.5	6	7.5	9						
SPR-24	2	1½"	2	1½	6½	24	1	½"	2	GPM	24	34	43	45	47	55						
											Head Ft.	3	4.5	6	7.5	9	12					
SPR-30	2	1½"	2.5	1½	6½	30	1	½"	2	GPM	30	42	53	56	59	69						
											Head Ft.	3	4.5	6	7.5	9	12					
SPR-36	2	1½"	3	1½	6½	36	1	½"	2	GPM	36	50	64	68	71	83	95					
											Head Ft.	3	4.5	6	7.5	9	12	15				
SPR-48	2	2"	4	2	6½	48	1	½"	2	GPM	48	67	85	90	94	110	127	148				
											Head Ft.	3	4.5	6	7.5	9	12	15	18			
SPR-60	2	2"	5	2	7	60	1	½"	2	GPM	60	83	106	112	118	139	159	185				
											Head Ft.	3	4.5	6	7.5	9	12	15	18			
SPR-72	4	2"	6	2	7	72	2	½"	4	GPM	72	100	127	134	141	166	191	222	246			
											Head Ft.	3	4.5	6	7.5	9	12	15	18	21		
SPR-96	4	2"	8	2	7	96	2	½"	4	GPM	96	133	170	179	188	222	254	295	327			
											Head Ft.	3	4.5	6	7.5	9	12	15	18	21		
SPR-120	4	2"	10	2	7	120	2	½"	4	GPM	120	166	212	224	235	277	318	369	409	435		
											Head Ft.	3	4.5	6	7.5	9	12	15	18	21	25	
SPR-180	6	2"	15	2	7	180	3	½"	6	GPM	180	249	318	336	353	415	477	554	614	652		
											Head Ft.	3	4.5	6	7.5	9	12	15	18	21	25	
SPR-240	8	2"	20	2	7	240	4	½"	8	GPM	240	333	425	448	471	554	636	738	818	869		
											Head Ft.	3	4.5	6	7.5	9	12	15	18	21	25	

TECHNICAL NOTES:

1. TYPICAL WATER DEPTH MAY VARY. CONTACT FOUNTAIN PEOPLE FOR SHALLOWER APPLICATIONS.
2. THIS NOZZLES IS WATER LEVEL INDEPENDENT.
3. NOZZLE REQUIRES FINE SCREENING FOR DEBRIS REMOVAL. #14 MESH OR SMALLER.



FAN Series



Fan Nozzle:

FAN Series Fan Nozzle creates a fan-shaped sheet of water.

Specification:

FAN Series Fan Nozzle, copper and brass construction, water level independent spray effect, integral adjustment swivel that provides adjustability to create different fan shapes. FNPT connection.

- Water Level Dependent - No
- Wind Resistance - Fair
- Sound Level - Low
- Clogging Potential - Low
- Splash Radius - 1.5

Material: Machined cast bronze
Finish: Natural bronze

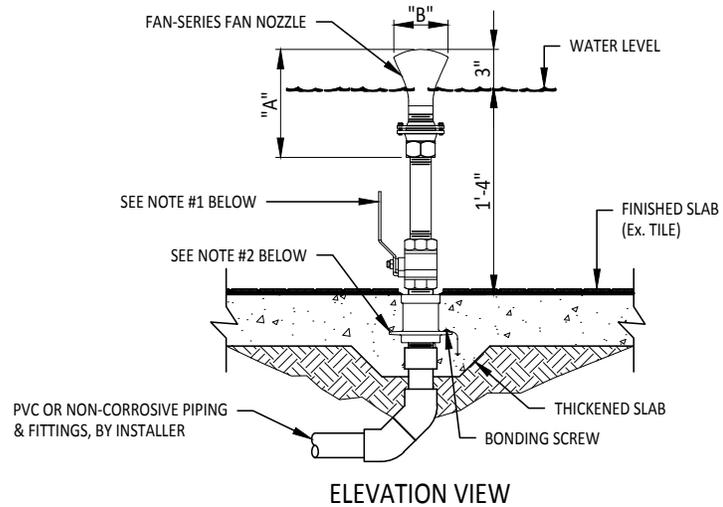


Details

Model Number	NPT	Inches		Degrees Above Horizontal	Throw - Ft.	Rise - Ft.	Spread - Ft.	GPM - Ft.	Head - Ft.
		A	B						
FAN-150	1½"	8.25	4.25	30°	6	2	7	34	4
					8	3	9	41	10
					10	4	11	48	16
					14	5	15	55	22
FAN-150	1½"	8.25	4.25	45°	8	2	8	45	9
					12	3	12	54	16
					16	4	16	63	23
					20	5	20	72	30
FAN-200	2"	11.5	5.75	30°	6	2	7	38	7
					9	3	10	47	13
					12	4	13	56	19
					15	5	17	65	25
FAN-200	2"	11.5	5.75	45°	8	2	8	44	9
					12	3	12	56	16
					16	4	16	68	23
					20	5	20	80	30

NOZZLE REQUIREMENTS:

1. BALL VALVE AS REQUIRED PER DESIGN FOR DISCHARGE FLOW CONTROL.
2. WATERSTOP FITTING REQUIRED FOR CONCRETE POUR. SIZE BASED ON PIPING AND NOZZLE SIZE. (SEE CATALOG ITEM: FWS-SERIES)
3. TYPICAL WATER DEPTH SHOWN MAY VARY. CONTACT FOUNTAIN PEOPLE FOR SHALLOWER APPLICATIONS.
4. THIS NOZZLE IS WATER LEVEL INDEPENDENT.



Vee Jet

VEN Series Vee Nozzle provides a clear, fan-shaped sheet of water. This nozzle can be mounted in a vertical or horizontal position.

Specification:

VEN Series Vee Nozzle, one piece brass construction, water level independent spray effect. MNPT connection.

- Water Level Dependent - No
- Wind Resistance - Poor
- Sound Level - Low
- Clogging Potential - Moderate
- Splash Radius - 1.5

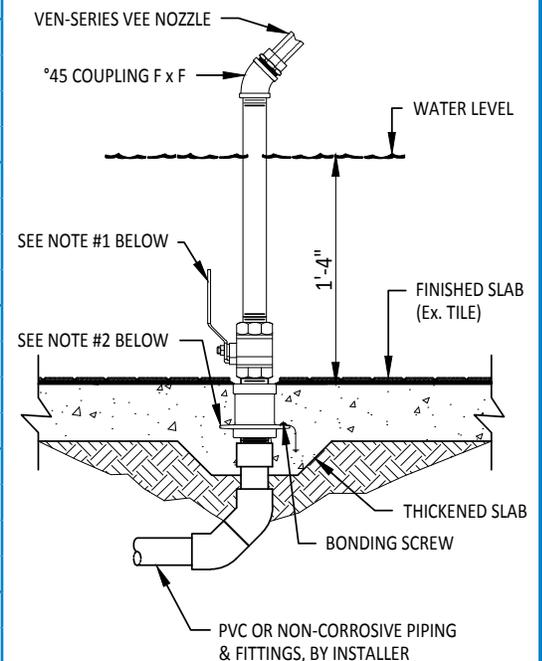


Material: Machined brass
Finish: Natural brass



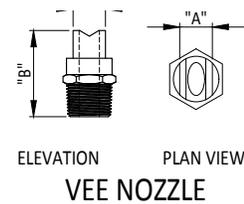
Details

Model Number	NPT	Dimensions		Throw in Feet @ 45°	Spray Throw / Performance						
		A	B		2	3	4	5	6	8	10
VEN-050	½"	⅝"	1½"	GPM	1.0	1.3	1.5	1.7	2.0		
				Head Ft.	4	5	8	6	7		
				Spread In.	2	8	18	24	36		
				Apex In.	6	9	12	15	18		
VEN-075	¾"	⅞"	2"	GPM	2.0	3.0	4.0	5.0	7.0	8.0	
				Head Ft.	2	3	4	6	7	8	
				Spread In.	5	10	18	30	38	56	
				Apex In.	6	9	12	15	18	24	
VEN-100	1"	1⅛"	2⅝"	GPM	3.5	5.5	7.0	9.0	12.5	14.5	17
				Head Ft.	2	3	4	6	7	8	10
				Spread In.	8	18	28	36	52	72	96
				Apex In.	6	9	12	15	18	24	30
VEN-125	1¼"	1⅜"	3¾"	GPM	4.5	7.0	9.0	12	16	20	24
				Head Ft.	2	3	4	6	7	8	10
				Spread In.	11	18	30	40	56	84	96
				Apex In.	6	9	12	15	18	24	30
VEN-200	2"	2"	5⅜"	GPM	15	24	30	35	38	47	55
				Head Ft.	2	3	4	6	7	8	10
				Spread In.	18	24	34	48	68	96	120
				Apex In.	6	9	12	15	18	24	30

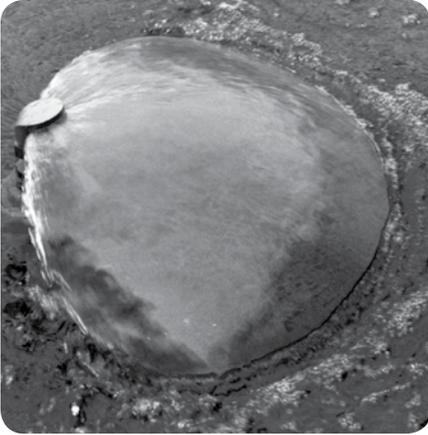


NOZZLE REQUIREMENTS:

1. BALL VALVE AS REQUIRED PER DESIGN FOR DISCHARGE FLOW CONTROL.
2. WATERSTOP FITTING REQUIRED FOR CONCRETE POUR. SIZE BASED ON PIPING AND NOZZLE SIZE. (SEE CATALOG ITEM: FWS-SERIES)
3. TYPICAL WATER DEPTH SHOWN MAY VARY. CONTACT FOUNTAIN PEOPLE FOR SHALLOWER APPLICATIONS.
4. FINE SCREENING AT PUMP, HALF THE DIAMETER OF JET ORIFICE OR SMALLER TO MINIMIZE NOZZLE CLOGGING IS RECOMMENDED.

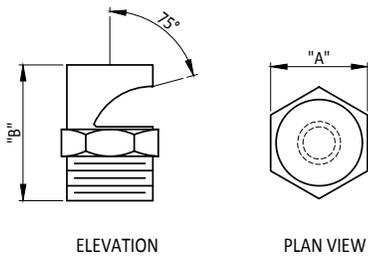


FLN Series



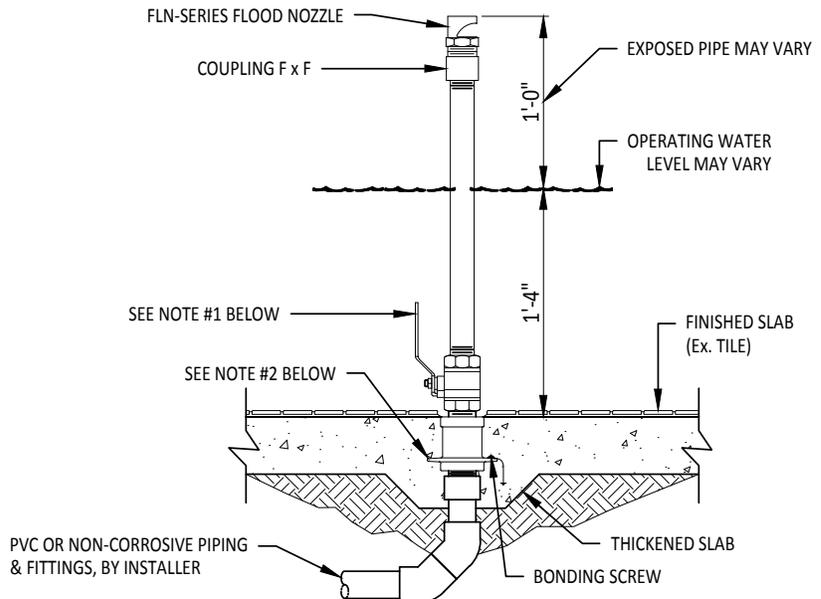
Details

Model Number	NPT	Dimensions		Projection in Feet									
		A	B		2	4	6	8	10	12	14	16	
FLN-050	1/2"	7/8"	2"	GPM	3	4	5						
				Head Ft.	4	5	8						
				Spread Ft.	2	5	8						
				Height In.	7	11	20						
FLN-075	3/4"	1 1/2"	2 9/16"	GPM	5	9	10	12	14				
				Head Ft.	4	6	8	9	11				
				Spread Ft.	5	7	9	11	14				
				Height In.	7	11	18	24	29				
FLN-100	1"	1 7/8"	3 5/8"	GPM	10	17	23	27	30	35	38	41	
				Head Ft.	4	5	7	9	11	13	16	19	
				Spread Ft.	7	8	10	12	14	16	18	20	
				Height In.	7	10	16	22	26	30	33	36	



NOZZLE REQUIREMENTS:

1. BALL VALVE AS REQUIRED PER DESIGN FOR DISCHARGE FLOW CONTROL.
2. WATERSTOP FITTING REQUIRED FOR CONCRETE POUR. SIZE BASED ON PIPING AND NOZZLE SIZE. (SEE CATALOG ITEM: FWS-SERIES)
3. TYPICAL WATER DEPTH SHOWN MAY VARY. CONTACT FOUNTAIN PEOPLE FOR SHALLOWER APPLICATIONS.
4. THIS NOZZLE IS WATER LEVEL INDEPENDENT.
5. NOZZLE REQUIRES FINE SCREENING FOR DEBRIS REMOVAL. #40 MESH OR SMALLER.



Morning Glory Nozzle:

MGLO Series Morning Glory Nozzle creates a full-flow clear inverted sheet of water.

Specification:

MGLO Series Morning Glory Nozzle, brass construction, water level independent spray effect, has a integral cone that allows the water effect to be adjusted from a full sheet to a half sheet. MNPT connection.

- Water Level Dependent - No
- Wind Resistance - Fair
- Sound Level - Low to Moderate
- Clogging Potential - Moderate
- Splash Radius - 1.5

Material: Machined brass and cast bronze
Finish: Natural brass and bronze



Full Sheet Shown

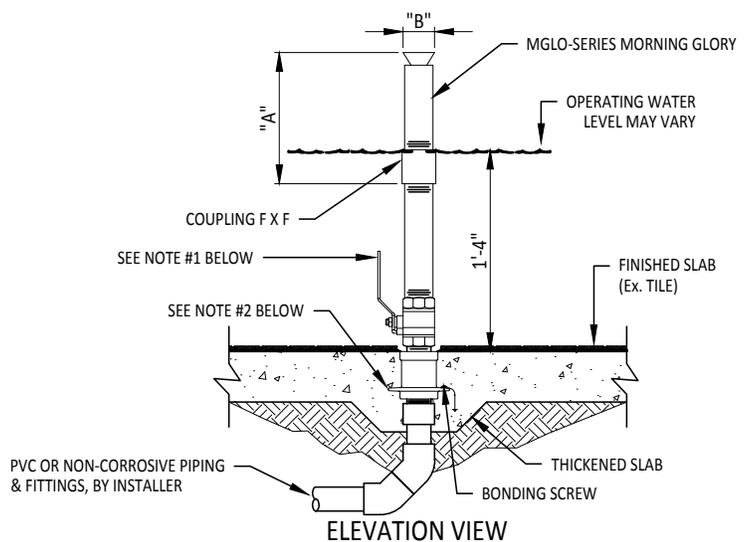


Details

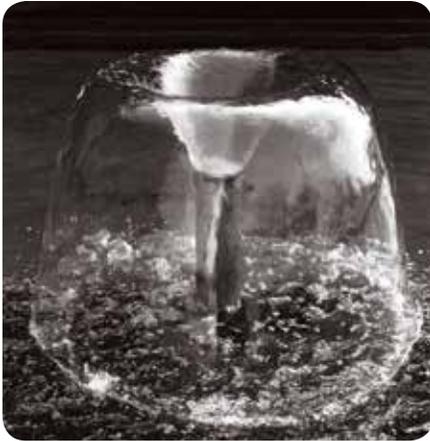
Model Number	NPT	Inches			Sheet	Height Inches	Spread - Ft.	GPM	Head - Ft.
		A	B	C					
MGLO-210-35	¾"	4-1/8	1½	35	FULL	12	1	5	2
					HALF	18	1.5	8	4
MGLO-220-35	2"	9	2¾	35	FULL	12	3	40	2
					HALF	18	6	60	4
MGLO-220-25	2"	9	2¾	25	FULL	18	2	35	2
					HALF	24	5	45	4
MGLO-230-35	3"	13	3½	35	FULL	18	6	130	2
					HALF	36	12	170	4
MGLO-230-25	3"	13	3½	25	FULL	24	5	100	3
					HALF	42	10	160	5
MGLO-240-35	4"	16	4½	35	FULL	30	8	190	3
					HALF	42	14	250	5
MGLO-240-25	4"	16	4½	25	FULL	30	7	170	3
					HALF	48	12	240	5

NOZZLE REQUIREMENTS:

1. BALL VALVE AS REQUIRED PER DESIGN FOR DISCHARGE FLOW CONTROL.
2. WATERSTOP FITTING REQUIRED FOR CONCRETE POUR. SIZE BASED ON PIPING AND NOZZLE SIZE. (SEE CATALOG ITEM: FWS-SERIES)
3. THIS NOZZLE IS WATER LEVEL INDEPENDENT.
4. NOZZLE REQUIRES FINE SCREENING FOR DEBRIS REMOVAL. #14 MESH OR SMALLER.



MUSH Series



Mushroom Nozzle:

MUSH Series Mushroom Nozzle creates a clear inverted sheet of water.

Specification:

MUSH Series Mushroom Nozzle, brass construction with concave angled brass cone, water level independent spray effect, FNPT connection.

- Water Level Dependent - No
- Wind Resistance - Poor
- Sound Level - Low
- Clogging Potential - Moderate
- Splash Radius - 1.0

Material: Machined brass
Finish: Natural brass

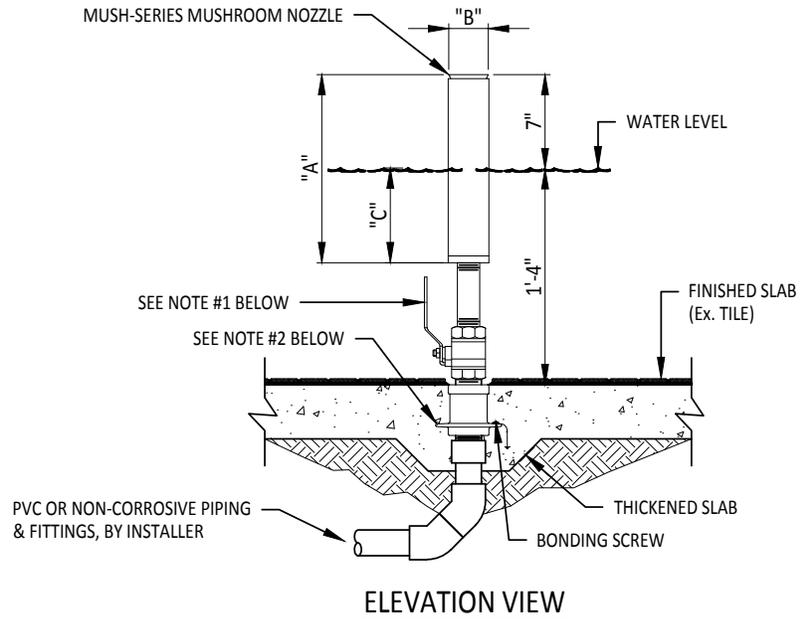


Details

Model Number	NPT	Dimensions			Spray Height/Spread Performance			
		A	B	C	Height (Inches)	Spread (Inches)	GPM	Head (Feet)
MUSH-100A	½"	11"	1¼"	4"	9	12	4	2
MUSH-150A	¾"	12"	1⅝"	5"	12	15	12	2
MUSH-200A	1"	13"	2"	6"	15	20	16	3
MUSH-300A	1½"	14"	3"	7"	20	36	28	4

NOZZLE REQUIREMENTS:

1. BALL VALVE AS REQUIRED PER DESIGN FOR DISCHARGE FLOW CONTROL.
2. WATERSTOP FITTING REQUIRED FOR CONCRETE POUR. SIZE BASED ON PIPING AND NOZZLE SIZE. (SEE CATALOG ITEM: FWS-SERIES)
3. TYPICAL WATER DEPTH SHOWN MAY VARY. CONTACT FOUNTAIN PEOPLE FOR SHALLOWER APPLICATIONS.
4. THIS NOZZLE IS WATER LEVEL INDEPENDENT.
5. NOZZLE REQUIRES FINE SCREENING FOR DEBRIS REMOVAL. #14 MESH OR SMALLER.



Crystal Dome Nozzle:

CDN Series Crystal Dome Nozzle creates a clear sheet of water in the shape of a dome.

Specification:

CDN Series Crystal Dome Nozzle, brass machined with brass diverter. FNPT connection.

- Water Level Dependent - No
- Wind Resistance - Poor
- Sound Level - Low
- Clogging Potential - Moderate
- Splash Radius - 1.5

Material: Machined brass

Finish: Natural brass

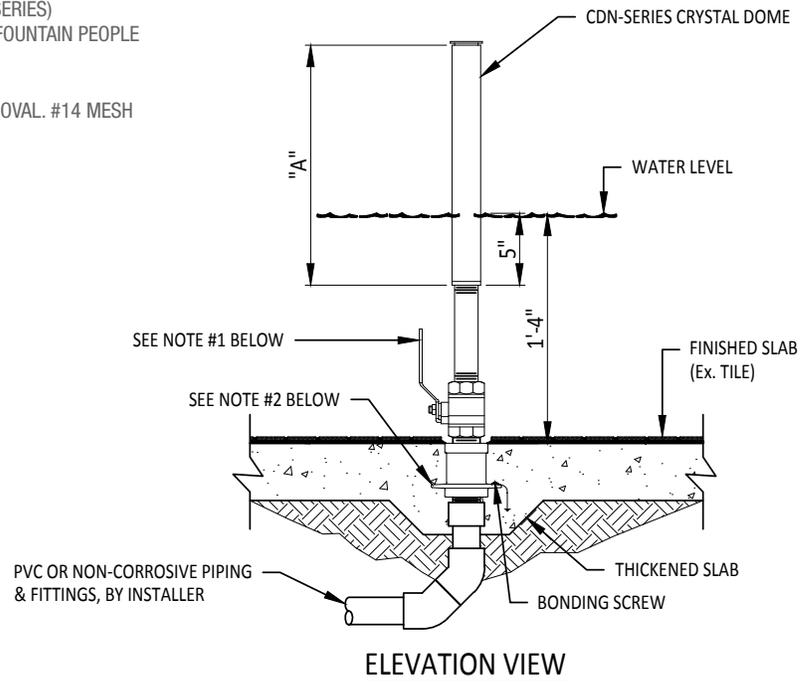


Details

Model Number	NPT	Dimensions A	Spay Height/Spread Performance			
			Height (Inches)	Spread (Inches)	GPM	Head (Feet)
CDN-112A	1"	17"	12	20	7	3
CDN-118A	1"	23"	18	28	9	4
CDN-124A	1"	29"	24	36	13	5

NOZZLE REQUIREMENTS:

1. BALL VALVE AS REQUIRED PER DESIGN FOR DISCHARGE FLOW CONTROL.
2. WATERSTOP FITTING REQUIRED FOR CONCRETE POUR. SIZE BASED ON PIPING AND NOZZLE SIZE. (SEE CATALOG ITEM: FWS-SERIES)
3. TYPICAL WATER DEPTH SHOWN MAY VARY. CONTACT FOUNTAIN PEOPLE FOR SHALLOWER APPLICATIONS.
4. THIS NOZZLE IS WATER LEVEL INDEPENDENT.
5. NOZZLE REQUIRES FINE SCREENING FOR DEBRIS REMOVAL. #14 MESH OR SMALLER.



CSB Series

Clear Sheet Bar:

CSB Series Clear Sheet Bar creates a clear “aimable” sheet of water. The fine sheet effect is subject to wind distortion. 100% filtration or #40 mesh (minimum) strainer is recommended to minimize maintenance.

Specification:

CSB Series Clear Sheet Bar, machined brass with a natural finish, 2" threaded both ends.

- Water Level Dependent - No
- Wind Resistance - Poor
- Sound Level - Low
- Clogging Potential - High
- Splash Radius - 1.5 to 2.0

Material: Machined brass

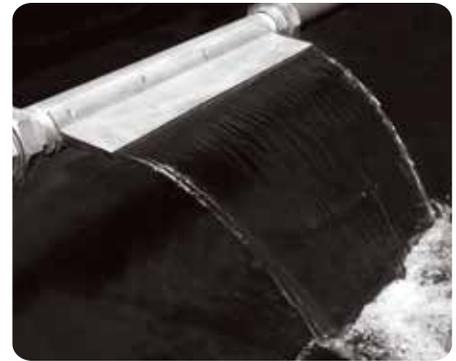
Finish: Natural brass



Arching

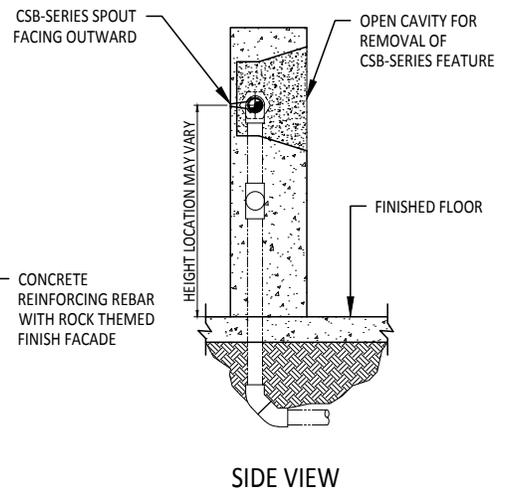
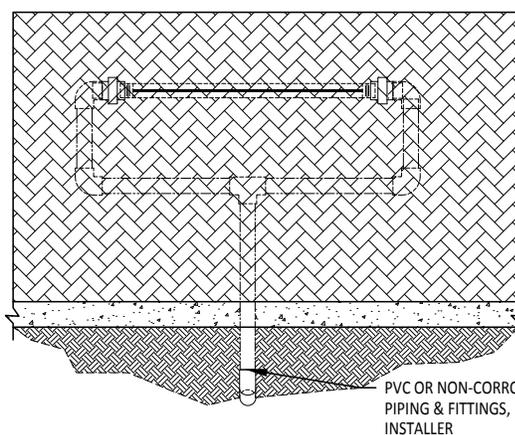
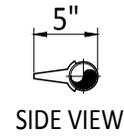
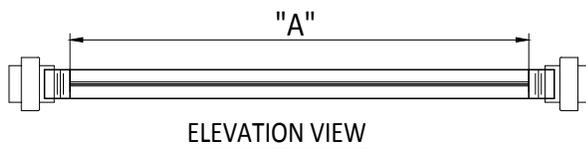


Vertical



Horizontal

Details



NOZZLE REQUIREMENTS:

1. NOZZLE REQUIRES FINE SCREENING FOR DEBRIS REMOVAL. #40 MESH OR SMALLER.
2. COMPONENT MUST BE BONDED UTILIZING A #8 AWG SOLID COPPER WIRE.
3. THIS FITTING IS WATER LEVEL INDEPENDENT.

Clear Sheet Bar Data

Arching Sheet

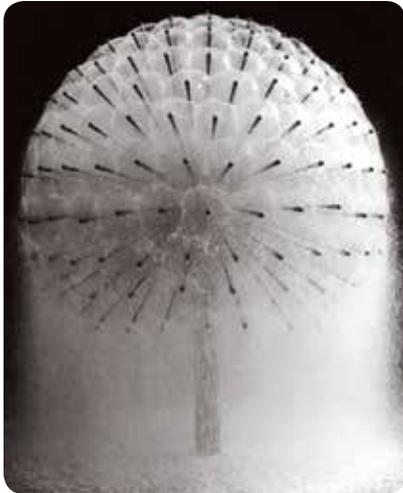
Model Number	Dimensions		Degrees from Horizon	GPM	Head Ft.	Throw In.	Height In.	Spread In.
	NPT	A in Feet						
CSB-024	2"	2	45	35	2	24	4	23
				45	2.5	32	7	19
				50	3	54	12	16
			75	40	2	19	12	22
				45	2.5	25	18	19
				50	3	31	24	16
CSB-036	2"	3	45	48	2	24	4	34
				68	2.5	42	7	31
				75	3	54	12	28
			75	60	2	19	12	34
				68	2.5	25	18	31
				75	3	31	24	28
CSB-048	2"	4	45	70	2	24	4	46
				90	2.5	42	7	43
				100	3	54	12	40
			75	80	2	19	12	34
				90	2.5	25	18	31
				100	3	31	24	28

Horizontal Sheet

Model Number	Dimensions		GPM	Head Ft.	Throw In.	Height In.	Spread In.
	NPT	A in Feet					
CSB-024	2"	2	10	3	12	18	23
			20	3	18	18	21
			30	3	24	18	19
CSB-036	2"	3	48	3	12	18	35
			68	3	18	18	33
			75	3	24	18	31
CSB-048	2"	4	70	3	12	18	47
			90	3	18	18	45
			100	3	24	18	43

Vertical Sheet

Model Number	Dimensions		GPM	Head Ft.	@1 ft.	@2 ft.	@3 ft.	@4 ft.
	NPT	A in Feet						
CSB-024	2"	2	30	5.5	18	17	16	14
CSB-036	2"	3	45	5.5	30	29	28	26
CSB-048	2"	4	60	5.5	42	41	40	38



Dandelion Sphere:

Creates a sphere of flat circles of water.

Specification:

The Dandelion has very small orifices and is subject to wind. 100% filtration or #40 mesh (minimum) strainer is recommended to minimize maintenance.

- Water Level Dependent - No
- Wind Resistance - Poor
- Sound Level - Moderate
- Clogging Potential - High
- Splash Radius - 2.0

Material: Machined brass, cast bronze, and copper
Finish: Natural brass, bronze, and copper



Dandelion Hemisphere:

Creates a hemisphere of flat circles of water.

Specification:

The Dandelion Hemisphere has very small orifices and is subject to wind. 100% filtration or #40 mesh (minimum) strainer is recommended to minimize maintenance.

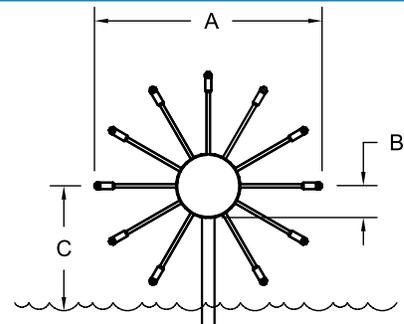
- Water Level Dependent - No
- Wind Resistance - Poor
- Sound Level - Moderate
- Clogging Potential - High
- Splash Radius - 2.0

Material: Machined brass, cast bronze, and copper
Finish: Natural brass, bronze, and copper



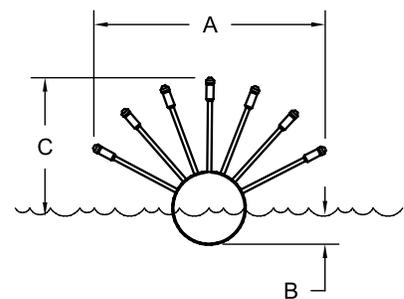
Dandelion Sphere: Details

Model Number	NPT	A Feet	B Inches	C Feet	Number of Arms	Ball Diameter - In.	Pool Diameter - Ft.	GPM	Head Ft.
DAN-300	2½"	3	5	3.5	29	10	15	75	15
DAN-301	2½"	4	5	4	29	10	18	75	16
DAN-305	2½"	4	5	4	61	10	18	155	16
DAN-306	2½"	5	5	4.5	61	10	20	155	17
DAN-307	2½"	6	5	5	61	10	24	155	17
DAN-320	6"	7	8¾	6	253	20	30	630	19
DAN-325	6"	10	8¾	7	385	20	35	960	20



Dandelion Hemisphere: Details

Model Number	NPT	A Feet	B Inches	C Feet	Number of Arms	Ball Diameter - In.	Pool Diameter - Ft.	GPM	Head Ft.
DAN-300	2½"	3	5	3.5	29	10	15	75	15
DAN-301	2½"	4	5	4	29	10	18	75	16
DAN-305	2½"	4	5	4	61	10	18	155	16
DAN-306	2½"	5	5	4.5	61	10	20	155	17
DAN-307	2½"	6	5	5	61	10	24	155	17
DAN-320	6"	7	8¾	6	253	20	30	630	19
DAN-325	6"	10	8¾	7	385	20	35	960	20



SWV Series Swivels:

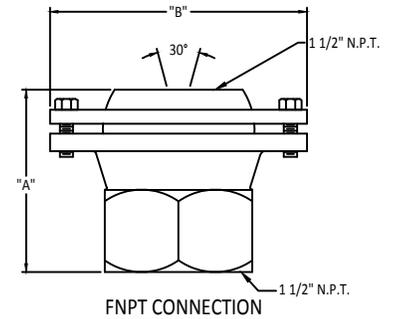
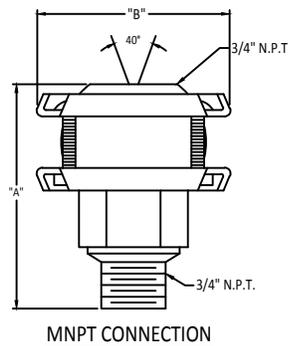
Swivels are only recommended for minor nozzle alignment as the maximum adjustment of a swivel can create turbulence which will distort the effect.

Material: Machined cast bronze
Finish: Natural bronze



Details

Model Number	NPT	Degrees	Inches	
			A	B
SWV-012	1/8"	40	1 1/4	1 1/2
SWV-025	1/4"	40	1 1/2	2
SWV-037	3/8"	40	1 1/2	2
SWV-050	1/2"	40	2 1/2	3
SWV-075	3/4"	40	3 1/2	3
SWV-100	1"	30	2 1/4	2 3/4
SWV-125	1 1/4"	30	2 1/2	3 1/4
SWV-150	1 1/2"	30	2 3/4	3 5/8
SWV-200	2"	30	3 5/8	4 1/2
SWV-300	3"	30	5 1/2	6 1/8



FFS Series Floor Swivels:

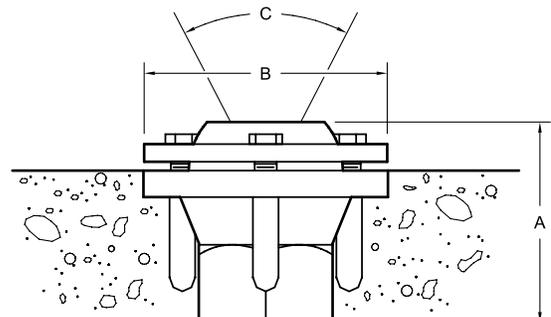
Floor Swivels are designed to be cast into the floor or wall of a pool. As with standard swivels, these units are recommended only for minor nozzle alignment. Supplied with protective construction covers for the fasteners.

Material: Machined cast bronze
Finish: Natural bronze



Details

Model Number	NPT	Degrees C	Inches	
			A	B
FFS-100	1"	30	2 1/4	2 3/4
FFS-125	1 1/4"	30	2 1/2	3 1/4
FFS-150	1 1/2"	30	2 3/4	3 5/8
FFS-200	2"	30	3 5/8	4 1/2
FFS-300	3"	30	5 1/2	6 1/8



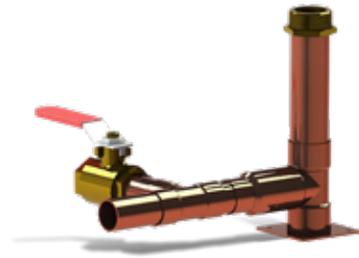
NRA Series Nozzle Riser Assembly

NRA Nozzle Riser Assembly provides a convenient means of connecting a submersible pump to a single vertically mounted spray nozzle and includes a bypass valve for spray height adjustment.

Specification:

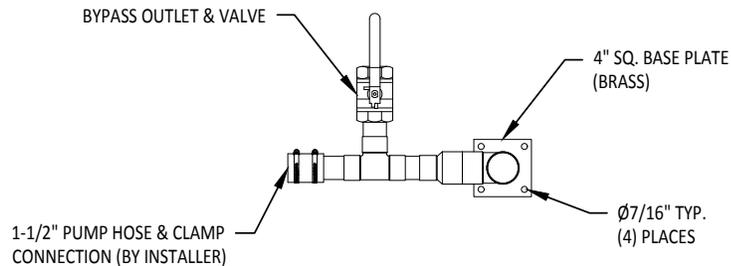
NRA Nozzle Riser Assembly, copper and brass construction with support base including holes for stainless steel anchors (by installer), water level dependent spray effect, male connection.

Material: Machined brass and copper
Finish: Natural brass and copper

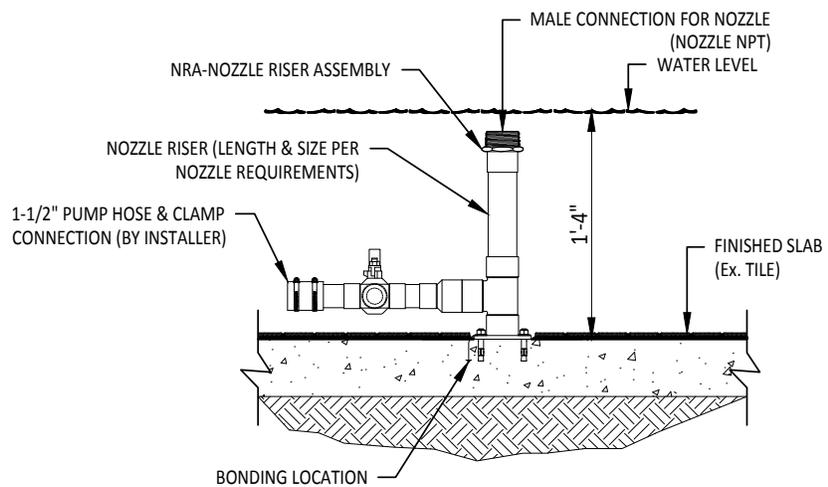


Details

Model Number	Pump Inlet	Nozzle NPT	Water Depth
NRA-075-CB	1½"	¾"	1'-4"
NRA-100-CB	1½"	1"	1'-4"
NRA-150-CB	1½"	1½"	1'-4"
NRA-200-CB	1½"	2"	1'-4"



PLAN VIEW



ELEVATION VIEW

TECHNICAL NOTES

1. BALL VALVE AS REQUIRED PER DESIGN FOR DISCHARGE FLOW CONTROL.
2. TYPICAL WATER DEPTH SHOWN MAY VARY. CONTACT FOUNTAIN PEOPLE FOR SHALLOWER APPLICATIONS.

WD Series Wave Dampener

WD Series Wave Dampener is designed for calming down wave turbulence in either a pond, fountain, or lake.

Specification

WD Series Wave Dampener, copper & brass construction, adjustable legs travel in locating sleeves. Leg anchors contain clearance holes for 1/4" stainless steel hardware (by installer).

Material: Machined brass and copper

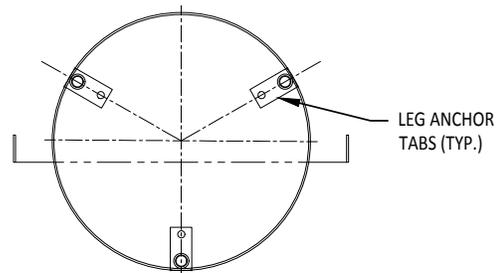
Finish: Natural brass and copper



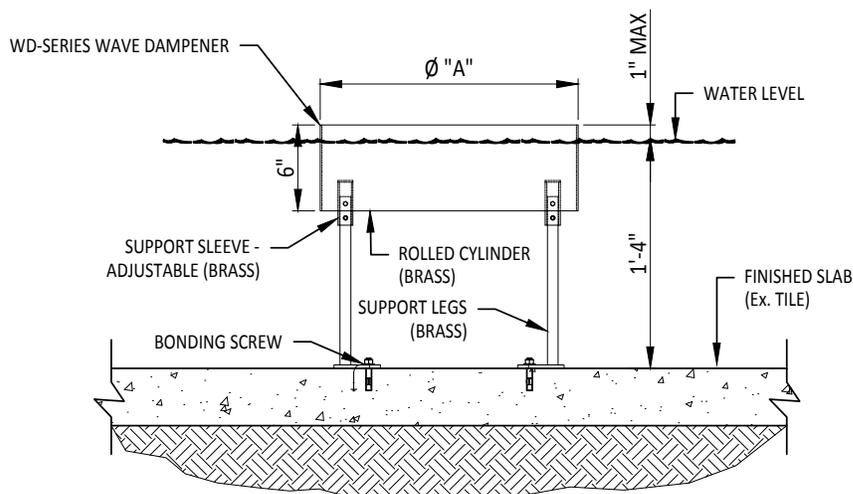
Details

TECHNICAL NOTES

- This wave dampener is water level dependent



PLAN VIEW



ELEVATION VIEW-SECTION

Model Number	Dimensions A	# of Legs	Material
WD-12-B	12"	3	Brass
WD-18-B	18"	3	Brass
WD-24-B	24"	3	Brass
WD-30-B	30"	4	Brass
WD-36-B	36"	4	Brass
WD-48-B	48"	4	Brass



BRONZES & SCUPPERS

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Lion



Description:

The handsome Lion is our most popular piece. Examples of this design date back to the fountains of ancient Rome. The finish of this piece is as traditional as the design; dark bronze with hand burnished highlights. Supplied with an adjustable solid stream nozzle, mounting ring, and set screws.

12¹/₈" High x 10⁷/₈" Wide x 5¹/₄" Projection
30.8cm High x 27.6cm Wide x 14.4cm Projection

14 LBS.
6.35 kg

Tiger



Description:

This fierce Tiger will definitely draw attention to your fountain. The finish is hand burnished with stripes detailed in dark brown. Supplied with an adjustable nozzle, mounting ring, and set screws.

13" High x 12¹/₂" Wide x 5" Projection
33cm High x 31.8cm Wide x 12.7cm Projection

16¹/₂ LBS.
7.5 kg

Bear



Description:

The awesome power of the Bear makes for an impressive fountain focal point. The finish is a rich brown patina with hand burnished highlights. Supplied with an adjustable nozzle, mounting ring, and set screws.

13³/₁₆" High x 10" Wide x 6¹/₂" Projection
35.1cm High x 25.4cm Wide x 16.5cm Projection

14¹/₂ lbs.
6.6 kg

Dolphin

Description:

This wall font captures a playful dolphin riding a cresting wave. The Dolphin is brightly hand burnished to contrast with the wonderfully rich verde green wave. Supplied with hose barb fitting, mounting ring, and set screws.

Dimensions: 75/8" High x 81/4" Wide x 5" Projection
19.4cm High x 21cm Wide x 12.7cm Projection

Weight: 8 lbs.
3.6 kg



Hummingbird

Description:

The inspiration for this piece is Nature herself. The artist as a boy spent many hours in his grandparents' garden marveling at the graceful acrobatics of the entertaining Hummingbird. The finish is a traditional antique bronze patina with hand burnished highlights. Supplied with adjustable nozzle, mounting ring and set screws.

Dimensions: 103/4" High x 81/4" Wide x 51/4" Projection
27.3cm High x 21cm Wide x 13.3cm Projection

Weight: 8 lbs.
3.6 kg



Frog

Description:

The serene Frog suns himself on a lily pad. A delicate stream of water flows from his mouth and into the pond. The finish is a verde green patina with hand burnished highlights.

Dimensions: 8" Long x 71/2" Wide x 31/4" High
20.3cm Long x 19.1cm Wide x 8.3cm High

Weight: 5 lbs.
2.3 kg



North Wind

Description:

Those who have experienced it will recognize the harsh face of the North Wind. The design was inspired by a self-portrait by the master Renaissance sculptor Giovanni Lorenzo Bernini. The finish is a traditional dark bronze patina with hand burnished highlights to heighten the drama of this unique piece. Supplied with adjustable nozzle, mounting ring and set screws.

Dimensions: 101/2" High x 91/2" Wide x 4" Projection
26.7cm High x 24.1cm Wide x 10.2cm Projection

Weight: 10 lbs.
4.5 kg



Sun



Description:

The smiling face of old Sol is embodied in this beautiful 10" diameter fountainhead. The finish is a unique combination of warm tones over a traditional dark bronze patina with hand burnished details. Supplied with adjustable nozzle, mounting ring and set screws.

Dimensions: 10" Diameter x 2 1/2" Projection
25.4cm Diameter x 6.4cm Projection

Weight: 10 lbs.
4.5 kg

Water Lilies



Description:

The age-old art of lost wax casting allows the exquisite detailing of this array of Water Lilies. The finish is the time honored verde green patina. A patina made popular by the world renowned Auguste Rodin. Unit is supplied with hose barb fitting, mounting ring and set screws.

Dimensions: 7 1/2" Diameter x 3" Projection
19.1cm Diameter x 7.6cm Projection

Weight: 6 lbs.
2.7 kg

Rosette



Description:

The rosette design has a long-standing tradition in architecture. Our Rosette is a contemporary interpretation of this time-honored classic. The finish is a classic verde green patina with delicate bronze highlights. Unit is supplied with adjustable nozzle, mounting ring and set screws.

Dimensions: 9 1/2" Diameter x 3" Projection
24.1cm Diameter x 7.6cm Projection

Weight: 9 lbs.
4.1 kg

Angel



Description:

The angel hovers over a waterspout, ushering in the heavenly sounds of flowing water. The finish is a traditional antique bronze patina with hand burnished highlights. Supplied with hose barb fitting, mounting ring and set screws.

Dimensions: 9 1/2" High x 7 1/2" Wide x 5 1/8" Projection
24.1cm High x 19.1cm Wide x 13cm Projection

Weight: 9 lbs.
4.1 kg

Scupper

Description:

This elegantly simple bronze Scupper may be utilized in many settings and designs. The finish is traditional dark bronze with hand burnished highlights. Supplied with a 1 1/2" FPT connection.

Dimensions: 5 1/2" Diameter x 5 1/4" Projection
14cm Diameter x 13.3cm Projection

Weight: 5 lbs.
2.3 kg



Mediterranean Scupper

Description:

Scuppers are perhaps the oldest known fountain features. Ancient fountains were both beautiful and functional and served the water needs of the community. The scupper was where people would fill their water vessels to take back to their homes. The finish is a combination of traditional dark bronze and verde green. Supplied with a 1 1/2" FPT connection.

Dimensions: 5 3/8" Diameter x 5 1/4" Projection
13.7cm Diameter x 13.3cm Projection

Weight: 4 lbs.
1.8 kg



Shell Sconce

Description:

This perfectly formed and detailed Shell Sconce creates an array of five streams of falling water. The finish of this piece is as old as the design. The beautiful mottled verde green patina with subtle highlights is intended to give any fountain a time worn look. Supplied with a brass bulkhead fitting, and set screws.

Dimensions: 4 1/2" High x 11 3/4" Wide x 4 1/4" Projection
11.4cm High x 30cm Wide x 10.8cm Projection

Weight: 8 lbs.
3.6 kg



Classic Shell Sconce

Description:

The Classic Shell Sconce exudes sophistication and elegance. The finish is a beautiful mottled verde green patina with subtle highlights to accent detail. Supplied with a brass bulkhead fitting and brass mounting screws.

Dimensions: 4 1/2" High x 17" Wide x 4 3/4" Projection
11.4cm High x 43.2cm Wide x 12.1cm Projection

Weight: 12 lbs.
5.4 kg



Leaf & Vine Escutcheon



Description:

The delicate Leaf and Vine pattern of this escutcheon will complement most architectural styles. This versatile casting may be utilized as a cover plate for a hidden fountain nozzle or it may be wall mounted. The finish is a verde green patina with subtle highlights.

Dimensions: 7 1/2" Diameter x 4" Deep
19.1cm Diameter x 10.2cm Deep

Weight: 6 lbs.
2.7 kg

Lotus Escutcheon



Description:

The lotus archetype is found in the Middle Eastern fountain tradition. Examples of this design can be found in palace details, battle shields and tapestries. This versatile casting may be utilized as a cover plate for a hidden fountain nozzle or mounted on a wall. Finish is a traditional dark bronze with hand burnished detailing.

Dimensions: 7 3/4" Diameter x 2 3/8" Deep
19.7cm Diameter x 6cm Deep

Weight: 7 lbs.
3.2 kg

Papyrus Escutcheon



Description:

The original inspiration for this piece was a hand carved ceiling detail of a Middle Eastern palace. This ornate casting may be utilized as a cover plate for a hidden fountain nozzle or mounted on a wall. The finish is a verde green patina with hand burnished details.

Dimensions: 7 3/4" Diameter x 1 1/8" Deep
19.7cm Diameter x 2.9cm Deep

Weight: 4 lbs.
1.8 kg

Drain Cover



Description:

This beautifully detailed drain cover is designed for the exceptional project. Finish is dark bronze with hand burnished highlights. Matching stainless steel drain sumps are available. For mounting requirements, contact us at design@fountainpeople.com.

Dimensions: 13 1/2" Diameter x 5/8" Deep
34.3cm Diameter x 1.6cm Deep

Weight: 8 lbs.
3.6 kg

Water Effect:

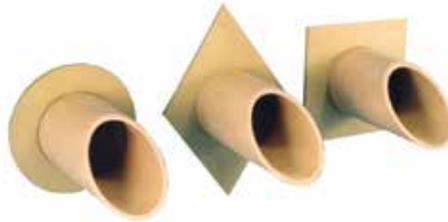
Emits a smooth flow of water.

Specification:

The Scupper is easy to install and operate and provides a cost-effective design solution. When ordering, specify back plate - Round (RD), Diamond (DM), or Square (SQ).

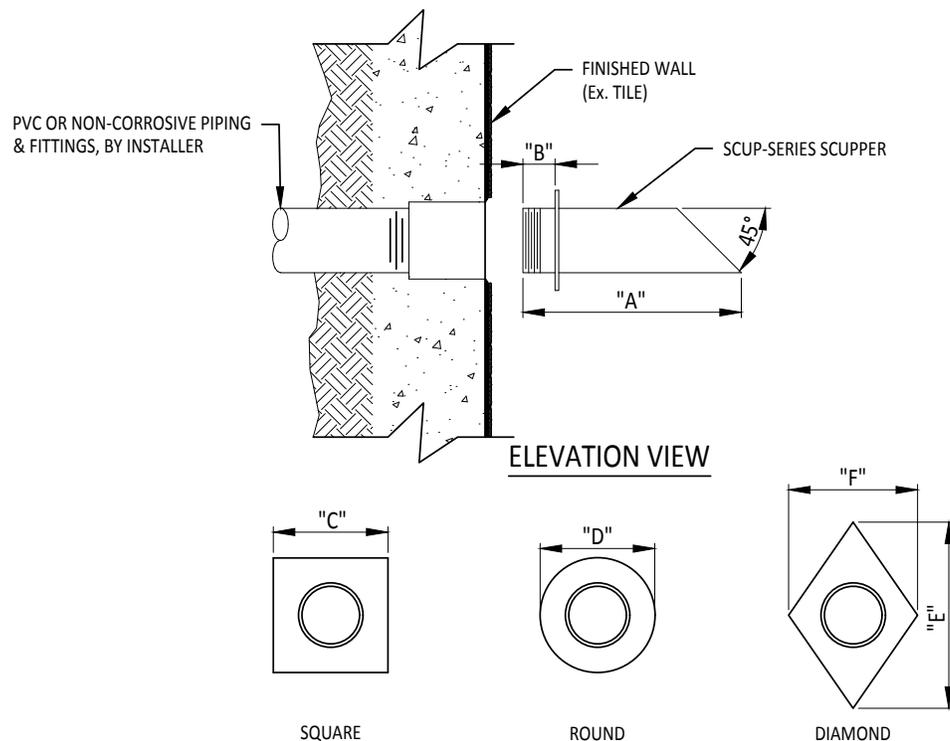
- Water Level Dependent - No
- Wind Resistance - Fair to Good
- Sound Level - Low
- Clogging Potential - Low
- Splash Radius - 1.0

Material: Machined brass
Finish: Natural brass



Details

Model Number	NPT	GPM	Dimensions (Inches)					
			A	B	C	D	E	F
SCUP-200	2"	5	7¼	1¾	4	4	6½	4½
SCUP-300	3"	10	11½	2	6	6	9¾	6¾
SCUP-400	4"	15	15¼	2¼	8	8	13	9





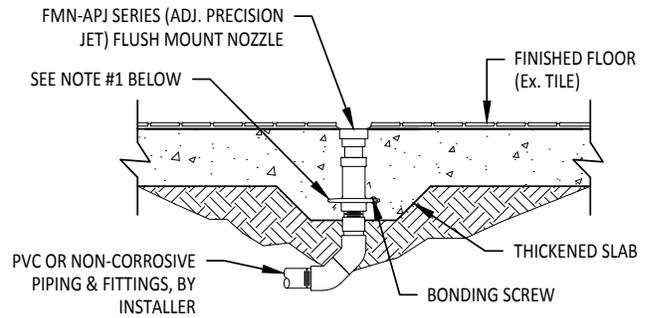
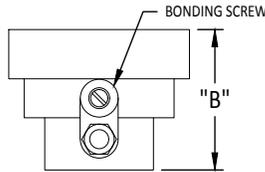
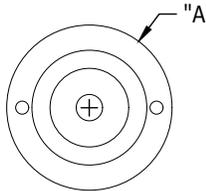
DECK JETS & INTERACTIVE FOUNTAINS

FMN Series Flush Mount Adjustable Precision Jet	: 54
FMN Series Flush Mount Zero Entry Nozzle	: 54
FMN Series Flush Mount Shower Jet	: 55
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FMN Series

Flush Mount Nozzle Series:

Available in machined stainless steel and brass, this series of nozzles is ideal for basic deck fountain applications. The nozzles are interchangeable, making it easy to change the look of the fountain from season to season.



ELEVATION VIEW

TECHNICAL NOTES

1. WATERSTOP FITTING REQUIRED FOR CONCRETE POUR. SIZE BASED ON PIPING AND NOZZLE SIZE. (SEE CATALOG ITEM: FWS-SERIES)
2. NOZZLE REQUIRES FINE SCREENING FOR DEBRIS REMOVAL. #40 MINIMUM MESH OR SMALLER.
3. THIS NOZZLES ARE WATER LEVEL INDEPENDENT.
4. TYPICAL WATER DEPTH MAY VARY. CONTACT FOUNTAIN PEOPLE FOR SHALLOWER APPLICATIONS.



Flush Mount Adjustable Precision Jet:

FMN-APJ Series (Adj. Precision Jet) Flush Mount Nozzle produces a solid stream of water that is angle adjustable from a flush mounted configuration.

Specification:

FMN-APJ Series (Adj. Precision Jet) Flush Mount Nozzle, machined 304 stainless steel, 1" FNPT connection, and a stainless steel insert with machined orifice.

Details												
Model Number	Dimension		Inlet FPT	Orifice Diameter	Feet	Verticle Spray Height						
	A	B				2	3	4	5	6	7	8
FMN-100-APJ	2"	2"	1"	.375"	GPM	4	5	6	6.5	7	7.5	8
					Head Ft.	3.5	4.5	7	8	9	10.5	11.5



Flush Mount Zero Entry Nozzle:

FMN-ZEN Series (Zero Entry) Flush Mount Nozzle produces an aerated bubbler effect that is flush with the concrete surface in the zero-entry area of a pool for operation in 3"-6" of water.

Specification:

FMN-ZEN Series Flush Mount Nozzle, machined 304 stainless steel, 1" FNPT connection, and a stainless steel insert with machined orifice.

Details										
Model Number	Dimension		Inlet FPT	Orifice Diameter	Submersion Depth	Feet	.5	1	1.5	2
	A	B					16	19	23	29
FMN-100-ZEN	2"	2"	1"	.109"	3"	GPM	7	11	16	23
						Head Ft.	14	20	30	38
					6"	GPM	22	25	34	44
						Head Ft.	14	20	30	38

Flush Mount Shower Jet

FMN-SJ Series (Shower Jet) Flush Mount Nozzle produces a cluster of solid streams at varying angles to create the effect of a column of water from a flush mounted configuration.

Specification:

FMN-SJ Series (Shower Jet) Flush Mount Nozzle, machined 304 stainless steel, 1" FNPT connection, and a stainless steel insert with machined orifice.



Details												
Model Number	Dimension		Inlet FPT	Orifice Diameter	Feet	2	3	4	5	6	7	8
	A	B				GPM	Head Ft.					
FMN-100-SJ	2"	2"	1"	.109"	GPM	7.5	9.5	11	12	14	15	16.5
					Head Ft.	4.5	6	7	8	10	11.5	12

Flush Mount Jet Cluster:

FMN-JC Series (Jet Cluster) Flush Mount Nozzle produces a cluster of solid streams which, when vertically aligned, create the effect of a column of water from a flush mounted configuration.

Specification:

FMN-JC Series (Jet Cluster) Flush Mount Nozzle, machined 304 stainless steel, 1" FNPT connection, and a stainless steel insert with machined orifice.



Details												
Model Number	Dimension		Inlet FPT	Orifice Diameter	Feet	2	3	4	5	6	7	8
	A	B				GPM	Head Ft.					
FMN-100-JC	2"	2"	1"	.109"	GPM	8	9.5	11	13	14	15	16
					Head Ft.	4.5	6	7.5	9	10.5	11.5	12.5

Flush Mount Crown Jet:

FMN-CJ Series (Crown Jet) Flush Mount Nozzle produces a cluster of solid water outward arching the streams from a flush mounted configuration.

Specification:

FMN-CJ Series (Crown Jet) Flush Mount Nozzle, machined 304 stainless steel, 1" FNPT connection, and a stainless steel insert with machined orifice.



Details											
Model Number	Dimensions		Orifice Diameter	Feet	2	3	4	5	6	7	8
	A	B			GPM	Head Ft.					
FMN-100-CJ	2 5/8"	2"	.109"	GPM	4	5	6	6.5	7	7.5	8.5
				Head Ft.	3.5	5	7	8	9	10.5	11.5

7" Top Plate

Fountain in a Can™ : 7" Top Plate



Construction:

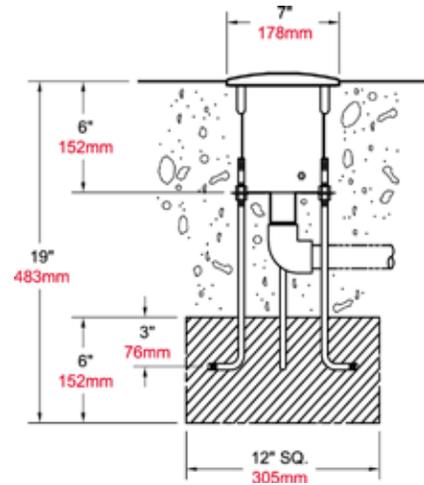
Single piece, type 304 deep-drawn stainless steel housing with a 1" FPT inlet, grounding connection, cast bronze top cover, EPDM 70 durometer o-ring, and 18/8 stainless steel fasteners. Unit is supplied with a high density polyethylene (HDPE) construction cover, three 3/8" x 12" x 2" stainless steel anchor bolts with leveling nuts and washers, and a wood template.

Nozzle:

Precision machined brass.

Finish:

Standard finish is Natural Bronze. Optional finishes - Dark Bronze (DB), or Verde Green (VG). Contact factory for custom finishes.



Smooth Bore in a Can™



Water Effect:

This elegantly simple solid stream water effect has 30° vertical adjustability on a 360° axis.

		Details							
Model Number	Top Diameter	Inlet FPT	Feet	2	4	6	8	10	12
FIC-S700	7"	1"	GPM	2	4	6.5	8.25	10	13
			Head Ft.	3	6	9	12	14	20

Dominator in a Can™



Water Effect:

A unique water level independent aerated stream effect.

		Details							
Model Number	Top Diameter	Inlet FPT	Feet	3	4	5	6	8	10
FIC-D700	7"	1"	GPM	7	8	9	10	12	15
			Head Ft.	4.5	7	8	10.5	14	17.5

11" Top Plate

Fountain in a Can™ : 11" Top Plate

Construction:

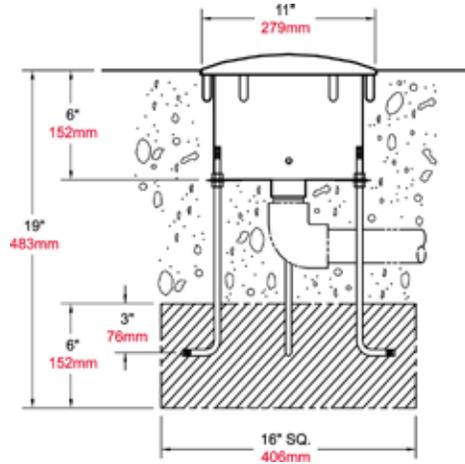
Single piece, type 304 deep-drawn stainless steel housing with a 1½" FPT inlet, grounding connection, cast bronze top cover, EPDM 70 durometer o-ring, and 18/8 stainless steel fasteners. Unit is supplied with a high density polyethylene (HDPE) construction cover, three 3/8" x 12" x 2" stainless steel anchor bolts with leveling nuts and washers, and a wood template.

Nozzle:

Precision machined brass, cast bronze, or copper.

Finish:

Standard finish is Natural Bronze. Optional finishes - Dark Bronze (DB), or Verde Green (VG). Contact factory for custom finishes.



Geyser in a Can™

Water Effect:

The original Geyser pine-tree shaped water effect in a water level independent configuration.



Details

Model Number	Top Diameter	Inlet FPT	Feet	3	5	7	10
FIC-G1100	11"	1½"	GPM	58	75	83	95
			Head Ft.	12	18	24	28
			Spread Ft.	2	4	5	7

Foam Jet in a Can™

Water Effect:

The Foam Jet in a Can™ creates a full frothy stream of water.



Details

Model Number	Top Diameter	Inlet FPT	Feet	1	2	3	4	5	6
FIC-F1100	11"	1½"	GPM	13	20	26	29	31	36
			Head Ft.	3	6	10	13	15	19

Peacock Jet in a Can™



Water Effect:

The Peacock in a Can™ has a unique aerated full fan effect.

Details									
Model Number	Top Diameter	Inlet FPT	Feet	4	5	6	8	10	12
FIC-P1100	11"	1½"	GPM	80	95	100	115	130	140
			Head Ft.	5	7	8	12	14	19
			Spread Ft.	4	5	6	10	12	18
			Thickness Ft.	1.5	1.7	2	2.5	3	3.6

Water Castle in a Can™



Water Effect:

The classic Fleur-de-lis Shape of the Water Castle can stand alone.

Details										
Model Number	Top Diameter	Inlet FPT	Feet	4	5	6	8	10	12	14
FIC-W1100	11"	1½"	GPM	30	35	40	51	57	66	70
			Head Ft.	5	6	7	10	13	17	20
			Spread Ft.	2	3	4	5	6	7	8

Arch Jet in a Can™



Water Effect:

A simple multi-stream effect, arching outward.

Details							
Model Number	Top Diameter	Inlet FPT	Feet	4	6	8	10
FIC-A1100	11"	1½"	GPM	18	24	27	32
			Head Ft.	5	7	10	13
			Spread Ft.	8	12	16	20

Bubbler in a Can™

Water Effect:

A simple pulsing mound of highly aerated water.

Details									
Model Number	Top Diameter	Inlet FPT	Feet	1	1.5	2	2.5		
FIC-B1100	11"	1½"	GPM	42	45	50	58		
			Head Ft.	10	11	12	17		
			Spread Ft.	1	1.5	1.75	2		



Jet Pod in a Can™

Water Effect:

The Jet Pod creates a massive vertical multi-stream column of water.

Details									
Model Number	Top Diameter	Inlet FPT	Feet	2	4	6	8	10	12
FIC-J1100	11"	1½"	GPM	40	58	75	93	110	132
			Head Ft.	3	6	9	12	14	16
			Spread Ft.	2	3	4	4.5	5	6



Mushroom Jet in a Can™

Water Effect:

The Mushroom Jet forms a clear, inverted cone-shaped sheet of water.

Details									
Model Number	Top Diameter	Inlet FPT	Feet	1	1.5	2	2.5	3	
FIC-M1100	11"	1½"	GPM	25	28	30	33	35	
			Head Ft.	6	6.5	7	7.5	8	
			Spread Ft.	3	4.5	6	7.5	9	



FIAC-1000

Fountain in a Can™

FIAC-1000 Series Fountain-in-a-Can is a "pour in place" assembly containing a flush mount spray effect and 360 degree illuminating LED light fixture. The assembly can be utilized for plaza style water features or may be used for interactive splash pads. The patent-pending manual adjustment valve allows for the effect height to be adjusted from the top-plate without ever having to enter the can. This unit is also available in a UL Listed H20 load-rated stainless steel cover for vehicular traffic.

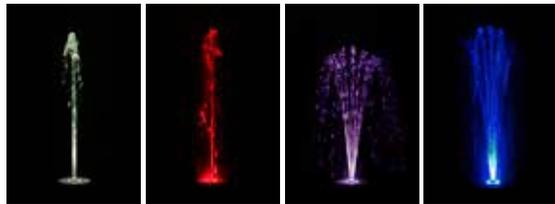
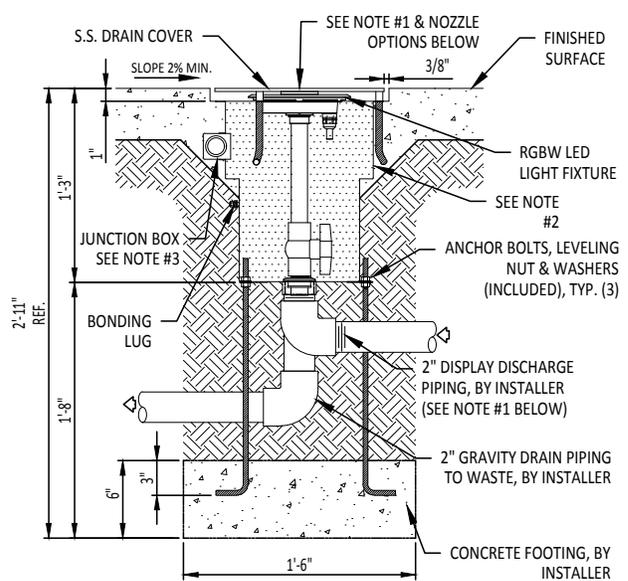
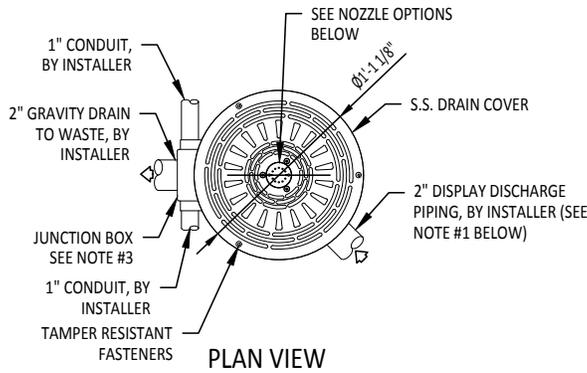
Specification

FIAC-1000 Series Fountain-in-a-Can, a "pour in place" flush mount spray effect with 360 degree light fixture. The assembly includes a stainless steel housing with 1/4" thick stainless steel drain cover and contains (1) interchangeable fountain nozzle, 360-degree 24V, 36 Watt, LED ring light with colored RGBW diodes, patent-pending top-access manual height adjustment valve, junction box, bonding lug, 2" inlet connection, 2" drain connection, and (2) 1" conduit connection for light. Assembly is shipped with (3) anchor bolts, leveling nut & washers.



Details

Model Number	Orifice Diameter	Feet	Spray Height								
			2	3	4	5	6	7	8	10	12
FIAC-1000-JC	.109"	GPM	4.5	5	6	6.5	7	8	8.5	9.2	10.3
		Head Ft.	5	6	7	8.8	10	12	14	20.7	25.7
FIAC-1000-APJ	.375"	GPM	5	6	7	8.5	10	12	14	20.7	25.7
		Head Ft.	4	5	6	7	8	10	12	20.6	23.4
FIAC-1000-CJ	.109"	GPM	4.5	5	6	6.5	7	8	8.5	9.3	10.7
		Head Ft.	5	6	7	8.5	10	12	14	21.1	27
FIAC-1000-SJ	.109"	GPM	9	10.5	12	13.5	14.5	16	17		
		Head Ft.	11	12	13	14.5	16	18	20		



FIAC-1000-JC JET CLUSTER

FIAC-1000-APJ, ADJ. PRECISION JET

FIAC-1000-CJ CROWN JET

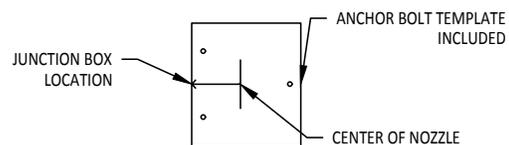
FIAC-1000-SJ SHOWER JET



*PLAN VIEWS OF NOZZLE SHOWN. DIAMETER OF NOZZLE IS ~ 1-31/32"

NOZZLE REQUIREMENTS:

- Nozzle requires fine screening for debris removal. #8 (3/32") minimum mesh or smaller.
- Housing must be encapsulated in concrete
- Two 1" connection points available. Only one utilized for 1000 Series.



Fountain in a Can™ (Sequencing)

FIAC-2000 Series Fountain-in-a-Can is a "pour in place" assembly containing a programmable (on-off) Hydro-Valve™ spray effect and 360 degree illuminating LED light fixture. The assembly can be utilized for plaza style water features or may be used for interactive splash pads. The patent-pending manual adjustment valve allows for the effect height to be adjusted from the top-plate without ever having to enter the can. This unit is also available in a UL Listed H2O load-rated stainless steel cover for vehicular traffic.

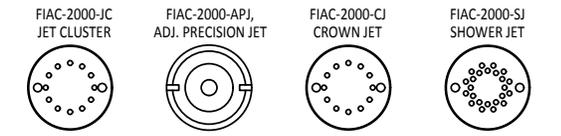
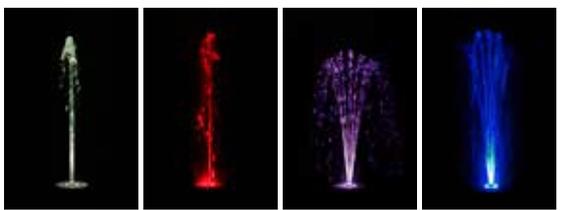
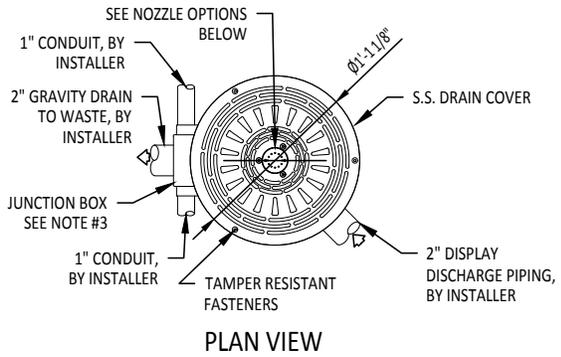


Specification

FIAC-2000 Series Fountain-in-a-Can with Hydro-Valve, a "pour in place" flush mount spray effect with instant switching Hydro-Valve™, and 360-degree light fixture. The assembly includes a stainless steel housing with 1/4" thick stainless steel drain cover and contains (1) interchangeable fountain nozzle, 360-degree 24V, 36 Watt, LED ring light with colored RGBW diodes, fast acting Hydro-Valve, patent-pending top-access manual height adjustment valve, junction box, bonding lug, 2" inlet connection, 2" drain connection, and (2) 1" conduit connections for valve & light. Assembly is shipped with (3) anchor bolts, leveling nut & washers.

Details

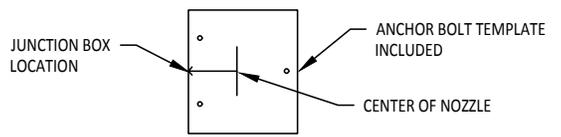
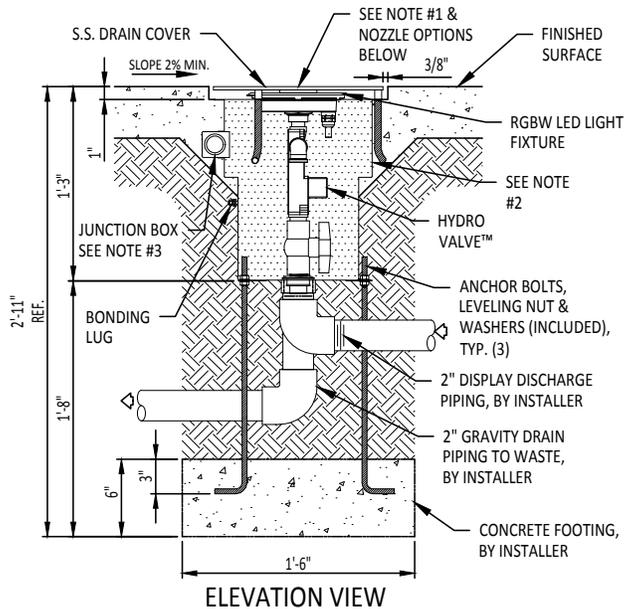
Model Number	Orifice Diameter	Feet	Spray Height								
			2	3	4	5	6	7	8	10	12
FIAC-2000-JC	.109"	GPM	4.5	5	6	6.5	7	8	8.5	9.2	10.3
		Head Ft.	5	6	7	8.8	10	12	14	20.7	25.7
FIAC-2000-APJ	.375"	GPM	5	6	7	8.5	10	12	14	20.7	25.7
		Head Ft.	4	5	6	7	8	10	12	20.6	23.4
FIAC-2000-CJ	.109"	GPM	4.5	5	6	6.5	7	8	8.5	9.3	10.7
		Head Ft.	5	6	7	8.5	10	12	14	21.1	27
FIAC-2000-SJ	.109"	GPM	9	10.5	12	13.5	14.5	16	17		
		Head Ft.	11	12	13	14.5	16	18	20		



*PLAN VIEWS OF NOZZLE SHOWN. DIAMETER OF NOZZLE IS ~ 1-31/32"

NOZZLE REQUIREMENTS:

- Nozzle requires fine screening for debris removal. #40 (.0165") minimum mesh.
- Housing must be encapsulated in concrete
- Two 1" connection points indicated. Hydro-Valve connection & Light connection.



FIAC-3000

Fountain in a Can™ with Revo™ Nozzle

FIAC-3000 Series Fountain-in-a-Can is a "pour in place" assembly containing a flush mount, 360 degree revolving spray effect and 360 degree illuminating LED light fixture. The assembly can be utilized for plaza style water features or may be used for interactive splash pads. The patent-pending manual adjustment valve allows for the effect height to be adjusted from the top-plate without ever having to enter the can.

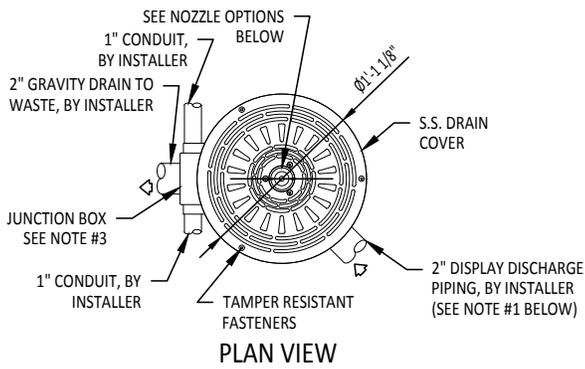
Specification

FIAC-3000 Series Fountain-in-a-Can with REVO™ Nozzle, a "pour in place" flush mount revolving spray effect with 360 degree light fixture, The assembly includes a stainless steel housing with 1/4" thick stainless steel drain cover and contains (1) REVO™ Nozzle, (1) 360-degree 24V, 36 Watt, LED ring light with colored RGBW diodes, patent-pending top-access manual adjustment valve, junction box, bonding lug, 2" inlet connection, 2" drain connection, and (2) 1" conduit connection for light. Assembly is shipped with (3) anchor bolts, leveling nut & washers.



Details

Model Number	Orifice Diameter	Feet	Spray Height							
			2	3	4	5	6	7	8	
FIAC-3000-SIN	.375"	GPM	12	15	18	19.8	21	22.8	24	
		Head Ft.	4	5	6	7	8	10	12	
FIAC-3000-TRI	.25"	GPM	16	20	23	26	27	30	31	
		Head Ft.	5	6	7	8	9	11	13	

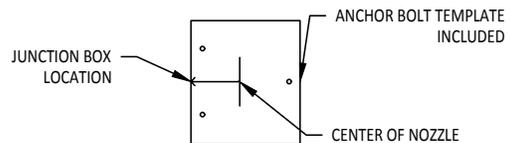
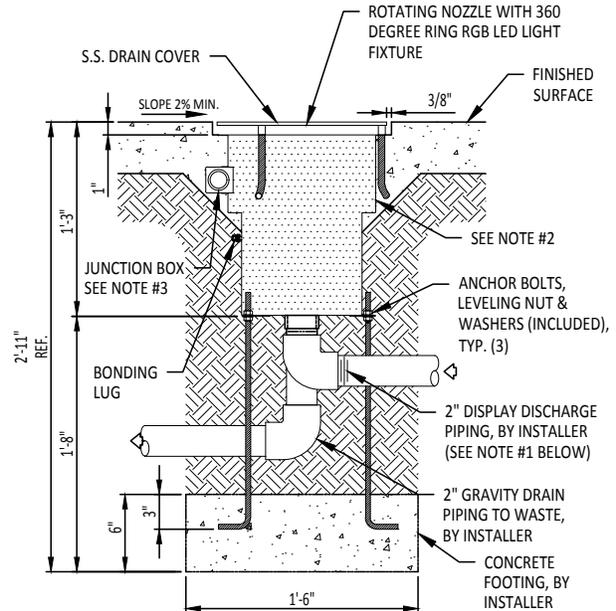


FIAC-3000-SIN, SINGLE SPIN



FIAC-3000-TRI, TRIPLE SPIN

*PLAN VIEW OF NOZZLE SHOWN. DIAMETER OF NOZZLE IS ~ 1-3/16"



NOZZLE REQUIREMENTS:

- Nozzle requires fine screening for debris removal. #8 (3/32") minimum mesh or smaller.
- Housing must be encapsulated in concrete
- Two 1" connection points available. Only one utilized for 3000 Series.



DSN-2000 Deck Suspended Nozzle

DSN-2000 Deck Suspended Nozzle is a "set-in-place" hanging nozzle assembly that includes a programmable (on-off) spray effect and 360 degree illuminating LED light fixture. The nozzle assembly is designed to be positioned within a floating paver deck platform. This flush mounted assembly provides no visible body of water as all water emitted from the nozzles flow through grate cover located at each fixture. Additional drainage is achieved through the spacing between each paver and the emitted water flows into the hidden reservoir beneath the pavers.

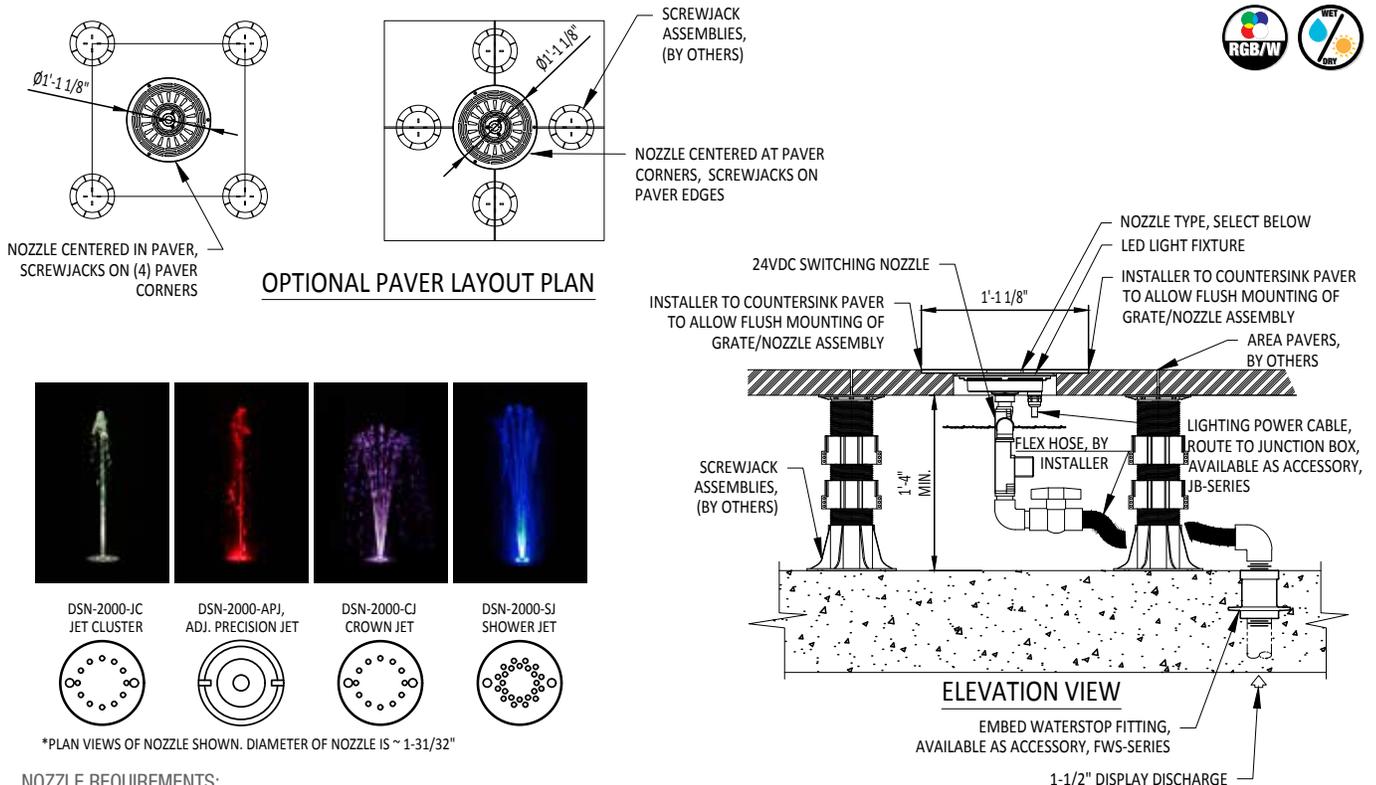
Specification

DSN-2000 Deck Suspended Nozzle; includes Type 304 stainless steel drain cover with central, interchangeable flush nozzle, 24VDC (10W) ABS plastic HydroValve, 24VDC (36W) RGB led stainless steel light fixture and throttling valve. Nozzle assembly is pre-attached to drain cover for ease of maintenance and removal. Assembly is designed to be mounted and anchored into a recessed architectural paver system. A 1" PVC connection is provided to allow flexible hose to be attached for easy removable and servicing. The light fixture includes additional cable length for assembly/removal.



Details

Model Number	Orifice Diameter	Feet	Spray Height								
			2	3	4	5	6	7	8	10	12
DSN-2000-JC	.109"	GPM	4.5	5	6	6.5	7	8	8.5	9.2	10.3
		Head Ft.	5	6	7	8.8	10	12	14	20.7	25.7
DSN-2000-APJ	.375"	GPM	5	6	7	8.5	10	12	14	20.7	25.7
		Head Ft.	4	5	6	7	8	10	12	20.6	23.4
DSN-2000-CJ	.109"	GPM	4.5	5	6	6.5	7	8	8.5	9.3	10.7
		Head Ft.	5	6	7	8.5	10	12	14	21.1	27
DSN-2000-SJ	.109"	GPM	9	10.5	12	13.5	14.5	16	17		
		Head Ft.	11	12	13	14.5	16	18	20		

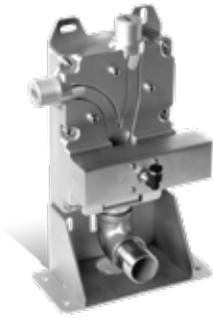


NOZZLE REQUIREMENTS:

- Nozzle requires fine screening for debris removal. #8 (3/32") minimum mesh or smaller.

HV Series HydroValve

The HydroValve is designed, engineered and fabricated as a fast acting, electrically operated directional water changing assembly. The valve allows for (on-off) programming of an attached spray nozzle. The assembly can be utilized for plaza style water features, choreographed fountain shows or may be used for interactive splash pads.



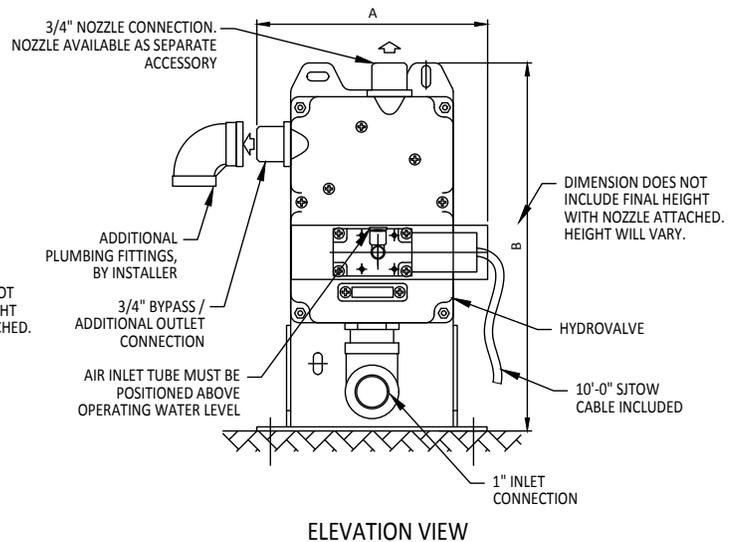
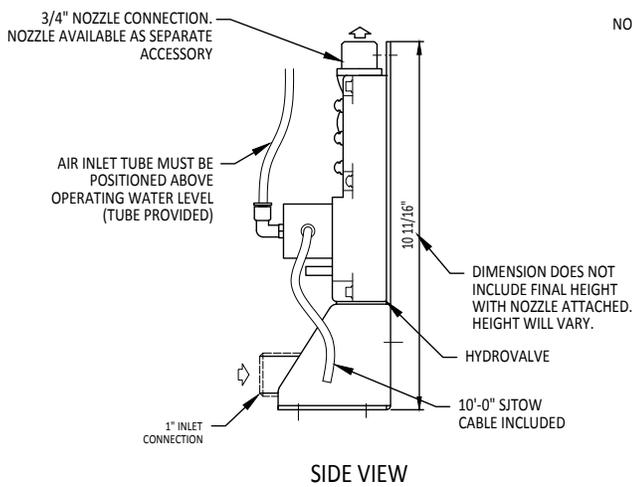
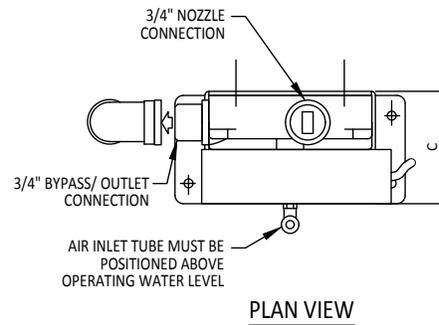
Specification:

HV Series HydroValve; body is constructed from ABS plastic with Type 316 stainless steel mount and 24VDC (10W) solenoid valve, actuation speeds up to 1/12 second. Unit includes inlet connection (1" for HV-100 models and 1-1/2" for HV-150 model) with (2) two discharge connections (3/4" for HV-100 models and 1-1/2" for HV-150 model), 10' of SJTOW (18/3) cable pre-attached.

Details

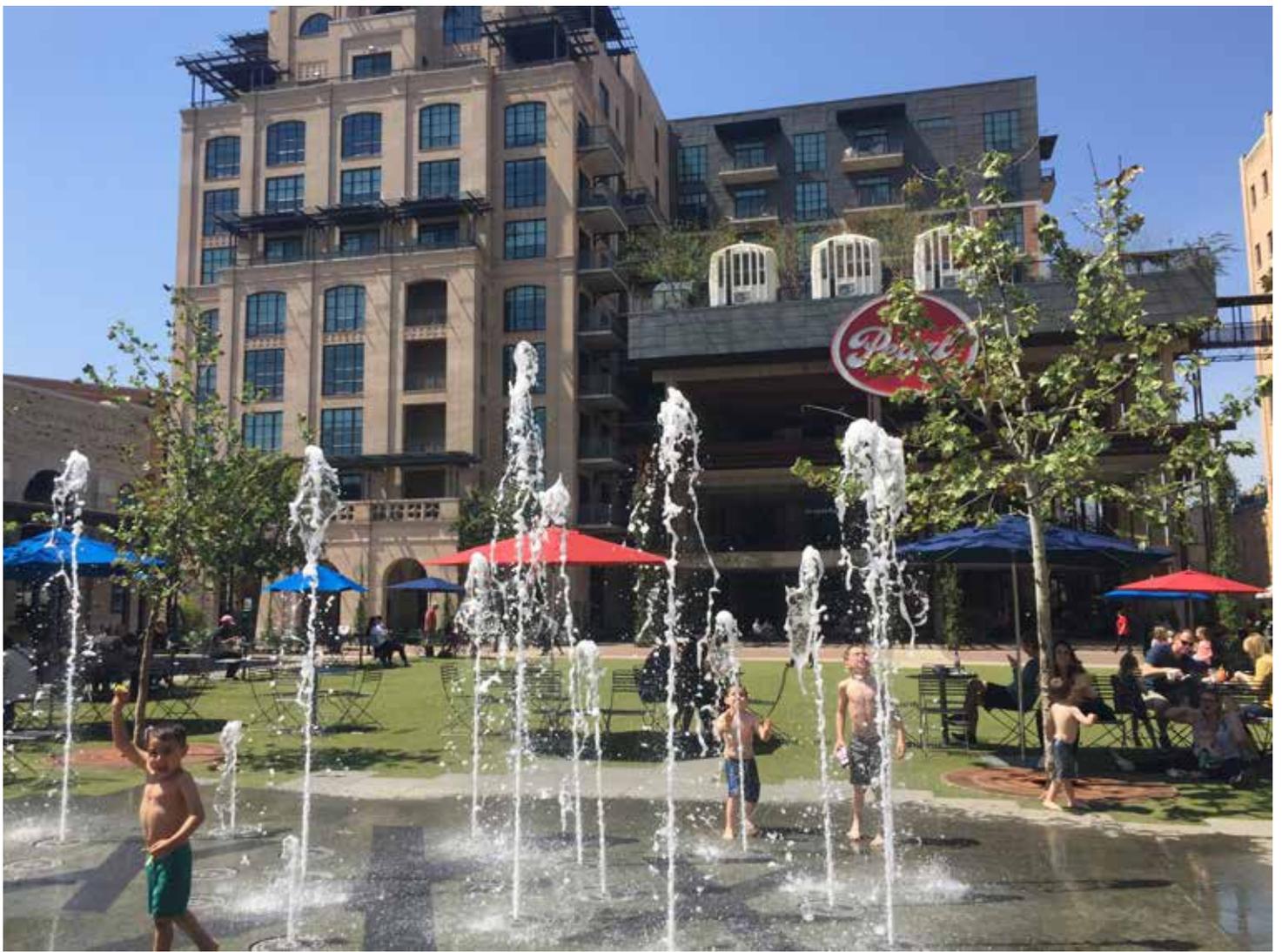
Model Number	Size		Dimensions		
	Inlet	Outlet	"A"	"B"	"C"
HV-100-WOB	1"	3/4"	3"	7"	10 3/4"
HV-100-B	1"	3/4"	3"	7"	10 3/4"
HV-150-WOB	1 1/2"	1 1/2"	3"	9"	14"
HV-150-B	1 1/2"	1 1/2"	3"	9"	14"

* WOB Versions are without mounting base"



TECHNICAL NOTES

1. ASSEMBLY REQUIRES CONTROL PANEL & PUMP DELIVERY SYSTEM
2. NOZZLE REQUIRES FINE SCREENING FOR DEBRIS REMOVAL. #40 (.0165") MINIMUM MESH OR SMALLER.





LIGHTING & ACCESSORIES

FX-Pro Series LED Fixtures

- FX-Pro 12 Freestanding : 68
- FX-Pro 32 Freestanding : 68
- FX-Pro 40 Freestanding : 69
- FX-Pro 72 Freestanding : 69
- FX-Pro Ring : 70
- FX-Pro Linear : 70
- FX-Pro Lighting Control Panel : 71

FX Series LED Fixtures

- FX Series Freestanding : 72
- FX Flush Mount : 72
- FX Ring : 73
- FX Ring (Nylon) : 73
- FX Lighting Control Panel : 74

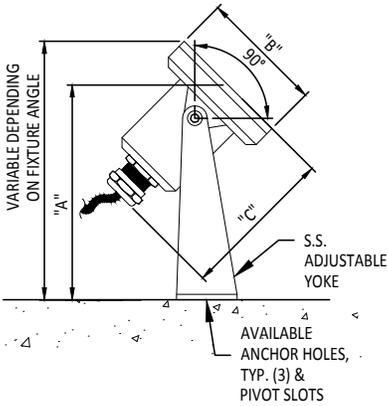
Accessories

- JB2 Series Junction Boxes : 75
- JB8 Series Junction Boxes : 76
- PC-8882 Potting Compound : 77

FX-PRO Series

FXPRO12-Freestanding Light Fixture

FXPRO Series 12 Watt LED color-changing light fixture is for the illumination of fountain and splash pad spray effects (UNDERWATER, WET or DRY locations). This fixture has on-board DMX for more control and includes an angle adjustable yoke to position the fixture as desired. Unit may be anchored to a finished floor or wall.



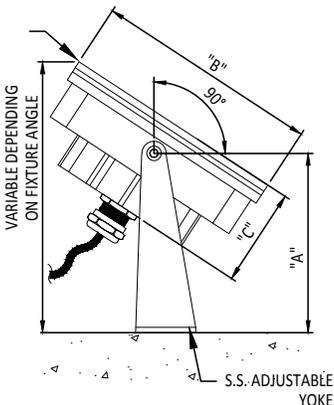
Fixture Dimensions	(A) 6", (B) 3.2", (C) 4"
Submersible Rating	6.5 feet
Input Voltage	24VDC
Cable/Length	20 feet- 18/5
Power Usage	12 watts
Dimming Capability	Yes
Color	RGBW Diodes-DMX (4000K White)
LED Diode Quantity	3 (4 watts each)
Beam Angle	25 Degrees (fixed)
Lens Material	Tempered Glass
Fixture Construction	Type 316L stainless steel (light fixture & yoke)
Fixture seal	Silicone
Application Location	Underwater, Wet or Dry
LED Diode Lifespan	~ 50,000 hours
Warranty	1 year
Certifications/Standards	UL Listed, cUL Listed, CSA, IP68

Fixture requires low voltage power supply.
DMX Controller required for light programming



FXPRO32-Freestanding Light Fixture

FXPRO Series 32 Watt LED color-changing light fixture is for the illumination of fountain and splash pad spray effects (UNDERWATER, WET or DRY locations). This fixture has on-board DMX for more control and includes an angle adjustable yoke to position the fixture as desired. Unit may be anchored to a finished floor or wall.



Fixture Dimensions	(A) 4.7", (B) 5.9", (C) 2.5"
Submersible Rating	6.5 feet
Input Voltage	24VDC
Cable/Length	20 feet- 18/5
Power Usage	32 watts
Dimming Capability	Yes
Color	RGBW Diodes-DMX (4000K White)
LED Diode Quantity	8 (4 watts each)
Beam Angle	25 Degrees (fixed)
Lens Material	Tempered Glass
Fixture Construction	Type 316L stainless steel (light fixture & yoke)
Fixture seal	Silicone
Application Location	Underwater, Wet or Dry
LED Diode Lifespan	~ 50,000 hours
Warranty	1 year
Certifications/Standards	UL Listed, cUL Listed, CSA, IP68

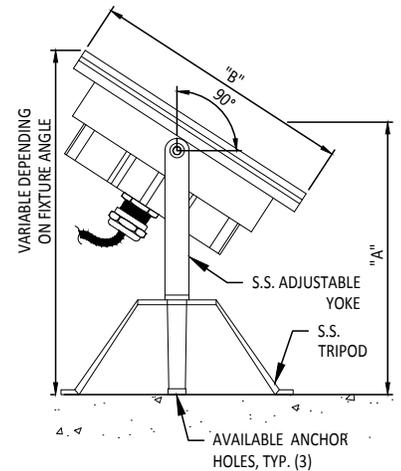
Fixture requires low voltage power supply.
DMX Controller required for light programming



FXPRO40-Freestanding Light Fixture

FXPRO Series 40 Watt LED color-changing light fixture is for the illumination of fountain and splash pad spray effects (UNDERWATER, WET or DRY locations). This fixture has on-board DMX for more control and includes an angle adjustable yoke to position the fixture as desired. Unit may be anchored to a finished floor or wall.

Fixture Dimensions	(A) 7.3", (B) 6.9" Diameter
Submersible Rating	6.5 feet
Input Voltage	24VDC
Cable/Length	20 feet- 18/5
Power Usage	40 watts
Dimming Capability	Yes
Color	RGBW Diodes-DMX (4000K White)
LED Diode Quantity	10 (4 watts each)
Beam Angle	25 Degrees (fixed)
Lens Material	Tempered Glass
Fixture Construction	Type 316L stainless steel (light fixture & yoke)
Fixture seal	Silicone
Application Location	Underwater, Wet or Dry
LED Diode Lifespan	~ 50,000 hours
Warranty	1 year
Certifications/Standards	UL Listed, cUL Listed, CSA, IP68



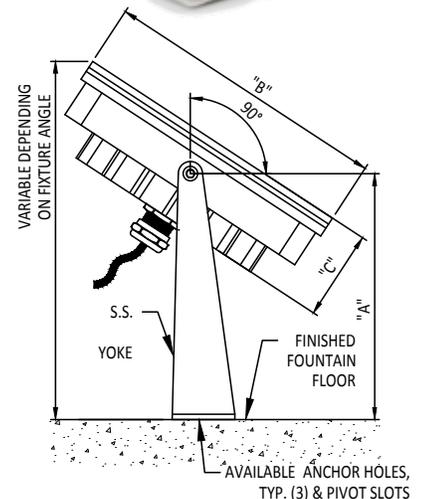
Fixture requires low voltage power supply.
DMX Controller required for light programming



FXPRO72-Freestanding Light Fixture

FXPRO Series 72 Watt LED color-changing light fixture is for the illumination of fountain and splash pad spray effects (UNDERWATER, WET or DRY locations). This fixture has on-board DMX for more control and includes an angle adjustable yoke to position the fixture as desired. Unit may be anchored to a finished floor or wall.

Fixture Dimensions	(A) 7.5", (B) 7.5" Diameter, (C) 2.5"
Submersible Rating	6.5 feet
Input Voltage	24VDC
Cable/Length	20 feet- 18/5
Power Usage	72 watts
Dimming Capability	Yes
Color	RGBW Diodes-DMX (4000K White)
LED Diode Quantity	18 (4 watts each)
Beam Angle	25 Degrees (fixed)
Lens Material	Tempered Glass
Fixture Construction	Type 316L stainless steel (light fixture & yoke)
Fixture seal	Silicone
Application Location	Underwater, Wet or Dry
LED Diode Lifespan	~ 50,000 hours
Warranty	1 year
Certifications/Standards	UL Listed, cUL Listed, CSA, IP68



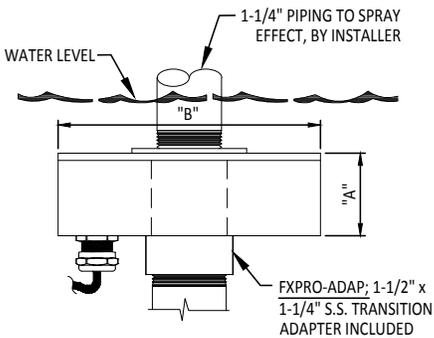
Fixture requires low voltage power supply.
DMX Controller required for light programming



FX-PRO Series

FXPRO-Ring Light Fixture

FXPRO Series 40 Watt LED ring light fixture is designed, engineered and fabricated for 360 degree illumination with on-board DMX for more control of fountain and splash pad spray effects. The nozzle piping can pass through the center of the fixture or can be piped directly through the fixture via an optional stainless steel insert. The optional insert provides a 1-1/2" (F) NPT threaded bottom connection by a 1-1/4" (F) NPT top connection. The stainless steel housing construction provides durable longevity.



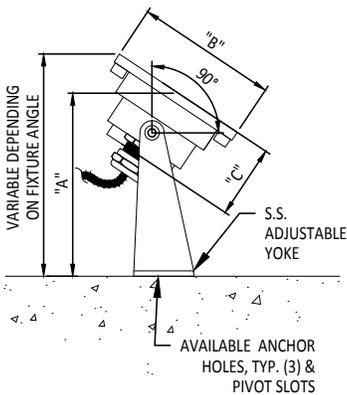
Fixture Dimensions	(A) 1.4", (B) 7.125" Diameter
Submersible Rating	6.5 feet
Input Voltage	24VDC
Cable/Length	20 feet- 18/5
Power Usage	40 watts
Dimming Capability	Yes
Color	RGBW Diodes-DMX (4000K White)
LED Diode Quantity	10 (4 watts each)
Beam Angle	25 Degrees (fixed)
Lens Material	Tempered Glass
Fixture Construction	Type 316L stainless steel (light fixture & yoke)
Fixture seal	Silicone
Application Location	Underwater, Wet or Dry
LED Diode Lifespan	~ 50,000 hours
Warranty	1 year
Certifications/Standards	UL Listed, cUL Listed, CSA, IP68

Fixture requires low voltage power supply.
DMX Controller required for light programming



FXPRO-Linear Freestanding Light Fixture

FXPRO Series LED color-changing light fixture is for the illumination of fountain and splash pad spray effects (UNDERWATER, WET or DRY locations). This fixture has on-board DMX for more control and includes an angle adjustable yoke to position the fixture as desired. Unit may be anchored to a finished floor or wall.



Fixture Dimensions	(A) 5", (B) 3.7", (C) 2.5", (D) 10.6"
Submersible Rating	6.5 feet
Input Voltage	24VDC
Cable/Length	20 feet- 18/5
Power Usage	36 watts
Dimming Capability	Yes
Color	RGBW Diodes-DMX (4000K White)
LED Diode Quantity	9 (4 watts each)
Beam Angle	25 Degrees (fixed)
Lens Material	Tempered Glass
Fixture Construction	Type 316L stainless steel (light fixture & yoke)
Fixture seal	Silicone
Application Location	Underwater, Wet or Dry
LED Diode Lifespan	~ 50,000 hours
Warranty	1 year
Certifications/Standards	UL Listed, cUL Listed, CSA, IP68

Fixture requires low voltage power supply.
DMX Controller required for light programming



FXPRO LED Control Panel

Fountain People FXPRO-LED-LCP Series Lighting Control Panel is designed, engineered and fabricated as a stand alone lighting control system for 24VDC, RGB/RGBW color changing light fixtures that include on-board DMX addressing. The panel is designed to allow individual programming of each attached fixture. The touch panel lighting controller allows for programmable daily operation schedules for the water feature or splash pad lighting effects. The optional panel configuration allows for controlling up to (10) or up to (20) fixtures. For larger lighting displays, please contact Fountain People directly for assistance.



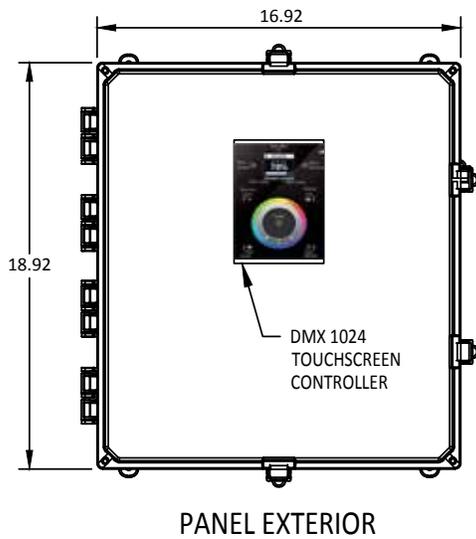
Specification

FXPRO-LED-LCP Series; UL Listed, NEMA 4 polycarbonate enclosure includes, DMX 1024 touchscreen controller, up to two 24VDC power supplies and necessary terminal blocks for wire connections. System is capable of up to 500 scenes and controlling a maximum of (10) 36 watt RGB/RGBW fixtures (FXPRO-LED-LCP-10 model) or up to (20) fixtures with (FXPRO-LED-LCP-20).

Notes:

- SEPARATE PROGRAMMING SOFTWARE INCLUDED FOR WINDOWS/MAC PROGRAMMING
- SMART PHONE APPLICATION AVAILABLE FOR REMOTE OPERATION (ANDROID & iOS)

Details



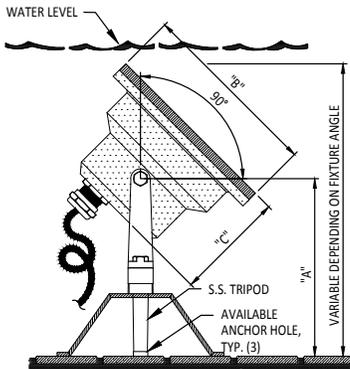
Model Number	Max. # of Fixtures	Power Requirements
FXPRO-LED-LCP-10	10	120/240V, 50/60Hz, 1Ø-10A
FXPRO-LED-LCP-20	20	120/240V, 50/60Hz, 1Ø-15A

Enclosure Style	NEMA 4 polycarbonate
Time Clock Control	Integral Clock and Calendar
Output Protocol	DMX512 (X2)
Programmability	PC, Mac, Android, iOS
Touchscreen Connection	USB, Ethernet, RS232
Maximum # of Scenes	500
Memory	Micro SD (32Gb Max)
Battery Backup	Yes, LIR2032
Temperature	14° F to 113° F
Max. # of Light Fixtures	10 @ 36 watts each, 24VDC (FXPRO-LED-LCP-10)
Max. # of Light Fixtures	20 @ 36 watts each, 24VDC (FXPRO-LED-LCP-20)
Certifications	UL Listed

FX Series

FX-LED-FS Series Freestanding Light Fixture

FX Series LED color-changing light fixture is for the illumination of fountain and splash pad spray effects (UNDERWATER, WET or DRY locations). The fixture includes an angle adjustable yoke to position the fixture as desired. Unit may be anchored to a finished floor or wall.



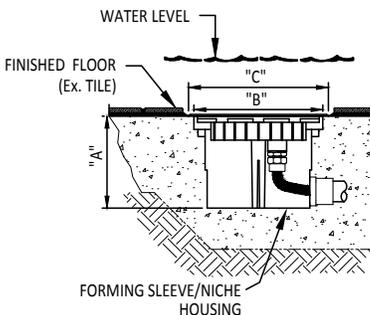
Fixture Dimensions	(A) 6.25", (B) 6" Diameter, (C) 3.5"
Submersible Rating	6.5 feet
Input Voltage	24VDC
Cable/Length	20 feet-18/5 (RGB), 18/3 (White)
Power Usage	27 watts
Dimming Capability	Yes (DMX controller required)
Color	RGB, 5000K White, or 3000K Warm White
LED Diode Quantity	9 (3 watts each)
Beam Angle	25 Degrees (fixed)
Lens Material	Tempered Glass
Fixture Construction	Type 304 stainless steel (light fixture & yoke)
Fixture seal	Silicone
Application Location	Underwater, Wet or Dry
LED Diode Lifespan	~ 50,000 hours
Warranty	1 year
Certifications/Standards	UL, CE, IP68, RoHS

Fixture requires low voltage power supply.
DMX Driver required for dimming and color-changing capability



FX-LED-FM Series Flush Mount Light Fixture

FX Series LED color-changing light fixture is for the illumination of fountain and splash pad spray effects (UNDERWATER, WET or DRY locations). The fixture includes an angle adjustable yoke to position the fixture as desired. Unit may be anchored to a finished floor or wall.



Fixture Dimensions	(A) 4.75", (B) 6.75", (C) 7.25"
Submersible Rating	6.5 feet
Input Voltage	24VDC
Cable/Length	20 feet-18/5 (RGB), 18/3 (White)
Power Usage	24 watts (RGB), 25.5 watts (White)
Dimming Capability	Yes (DMX controller required)
Color	RGB, 5000K White, or 3000K Warm White
LED Diode Quantity	12 (2 watts each)
Beam Angle	25 Degrees (fixed)
Lens Material	Tempered Glass
Fixture Construction	Type 304 stainless steel (light fixture)
Fixture seal	Silicone
Application Location	Underwater, Wet or Dry
LED Diode Lifespan	~ 50,000 hours
Warranty	1 year
Certifications/Standards	UL Pending, CE, IP68, RoHS

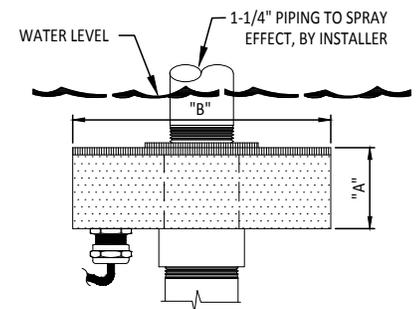
Fixture requires low voltage power supply.
DMX Driver required for dimming and color-changing capability



FX-LED-Ring-SS Series Stainless Ring Light Fixture

FX-LED-RING-SS Series LED Underwater Ring Light Fixture is 360 degree illumination of fountain and splash pad spray effects. The fixture attaches directly to the nozzle discharge piping. The stainless steel housing construction provides durable longevity.

Fixture Dimensions	(A) 2.125", (B) 6.9" Diameter
Submersible Rating	6.5 feet
Input Voltage	24VDC
Cable/Length	20 feet- 18/5
Power Usage	36 watts
Dimming Capability	Yes (DMX Controller Required)
Color	RGBW 5000K or White 5000K Diodes
LED Diode Quantity	9 (4 watts each)
Beam Angle	30 Degrees (fixed)
Lens Material	Step Tempered Glass
Fixture Construction	Type 304 stainless steel (light fixture & yoke)
Fixture seal	Silicone
Application Location	Underwater, Wet or Dry
LED Diode Lifespan	~ 50,000 hours
Warranty	1 year
Certifications/Standards	UL, CE, IP68, RoHS



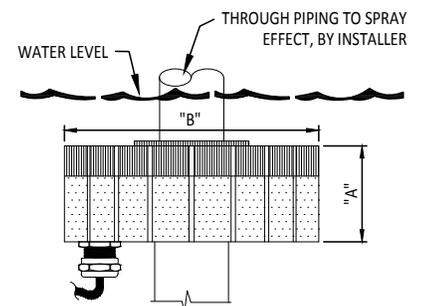
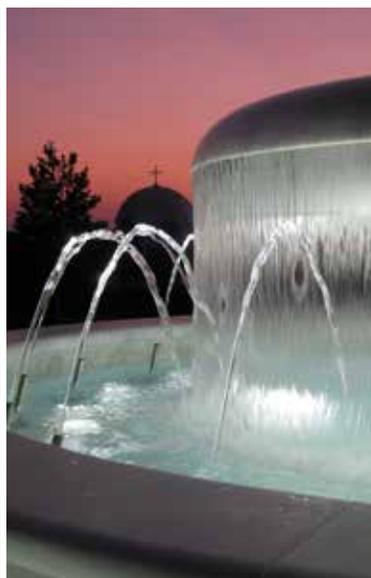
Fixture requires low voltage power supply.
DMX Driver required for dimming and color-changing capability



FX-LED-Ring-N Series Nylon Ring Light Fixture

FX LED-RING-N Series nylon ring light fixture is 360 degree illumination of fountain and splash pad spray effects. The fixture attaches directly to the nozzle discharge piping. The nylon housing construction provides durable longevity.

Fixture Dimensions	(A) 2.5", (B) 6.5"
Submersible Rating	3 feet
Input Voltage	24VDC
Cable/Length	120 feet- 18/5
Power Usage	16.8 watts
Dimming Capability	Yes (DMX controller required)
Color	RGB Diodes
LED Diode Quantity	6 (RGB per diode)
Beam Angle	30 Degrees (fixed)
Lens Material	Tempered Glass
Fixture Construction	Type 316L stainless steel (light fixture & yoke)
Fixture seal	Silicone
Application Location	Underwater, Wet or Dry
LED Diode Lifespan	~ 50,000 hours
Warranty	1 year
Certifications/Standards	UL, CE, IP68, RoHS, IK07



Fixture requires low voltage power supply.
DMX Driver required for dimming and color-changing capability



FX Series LED Control Panel

FX-LED-LCP Series Lighting Control Panel is as a stand alone lighting control system for 24VDC, RGB/RGBW color changing light fixtures that DO NOT include on-board DMX addressing. The panel is designed to allow all of the connected fixtures to change effects at the same time (no individual fixture control). The touch panel lighting controller allows for programmable daily operation schedules for the water feature or splash pad lighting effects. The optional panel configuration allows for controlling up to (10) or up to (20) fixtures. For larger lighting displays, please contact Fountain People directly for assistance.



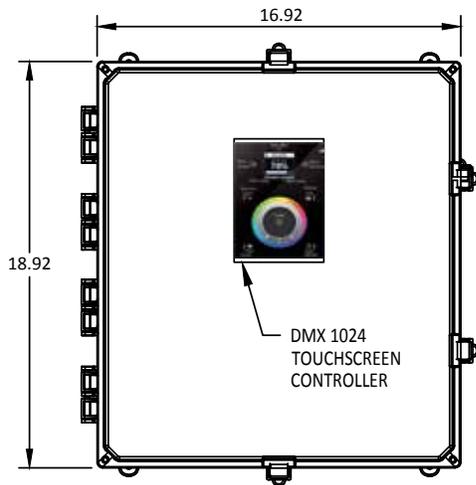
Specification:

FX-LED-LCP Series; NEMA 4 polycarbonate enclosure includes, DMX 1024 touchscreen controller, up to two DMX drivers, up to two 24VDC power supplies and necessary terminal blocks for wire connections. System is capable of up to 500 scenes and controlling a maximum of (10) 36 watt RGB/RGBW fixtures (FX-LED-LCP-10 model) or up to (20) fixtures with (FX-LED-LCP-20).

Notes:

- SEPARATE PROGRAMMING SOFTWARE INCLUDED FOR WINDOWS/MAC PROGRAMMING
- SMART PHONE APPLICATION AVAILABLE FOR REMOTE OPERATION (ANDROID & iOS)

Details



PANEL EXTERIOR

Model Number	Max. # of Fixtures	Power Requirements
FX-LED-LCP-10	10	120/240V, 50/60Hz, 10-10A
FX-LED-LCP-20	20	120/240V, 50/60Hz, 10-15A

Enclosure Style	NEMA 4 polycarbonate
Time Clock Control	Integral Clock and Calendar
Output Protocol	DMX512 (X2)
Programmability	PC, Mac, Android, iOS
Touchscreen Connection	USB, Ethernet, RS232
Maximum # of Scenes	500
Memory	Micro SD (32Gb Max)
Battery Backup	Yes, LIR2032
Temperature	14° F to 113° F
Max. # of Light Fixtures	10 @ 36 watts each, 24VDC (FXPRO-LED-LCP-10)
Max. # of Light Fixtures	20 @ 36 watts each, 24VDC (FXPRO-LED-LCP-20)
Certifications	UL Listed

TECHNICAL NOTES

1. Equipment space must be ventilated as follows:
 - a) Minimum air turnover rate of 5 cycles per hour
 - b) Ambient air temperature not to exceed 104° F.
2. Maintain NEC compliance when locating panel.

JB2 Underwater Junction Boxes

JB2 Series Underwater Junction Box is a universal junction box for either conduit mount or niche mount applications (up to 2 fixtures). The box is tapped for the maximum number of allowable fixtures and includes the appropriate style/quantity cord seals and plugs depending on the number of connections requested.

Specification:

JB2 Series Underwater Junction Box; UL Listed underwater junction box consisting of bronze housing and lid, stainless steel fasteners, neoprene gasket, integral ground bar and external "direct burial" rated bonding lug; includes (1) 3/4" (F)NPT bottom connection and (2) 3/4" (F) NPT side connections. Junction box may be conduit mounted or flush mounted. Universal brass cord seal provides method for either flush mount or freestanding fixture/conduit connections (3/4" or 1/2" NPT connection). The box has a internal volume of 18.0 cubic inches.

NOTE: CONDUIT MOUNT VERSION REQUIRES EMBED FITTING.

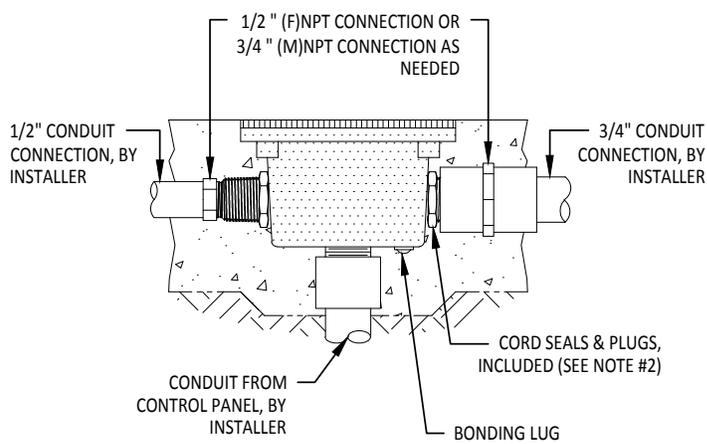


Details

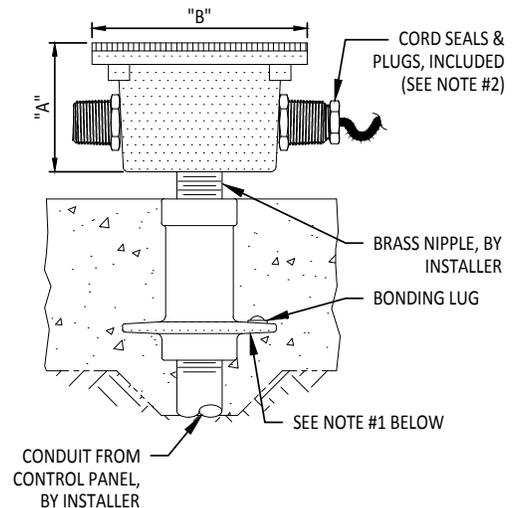
TECHNICAL NOTES

1. WATERSTOP FITTING REQUIRED FOR CONCRETE POUR WHEN USING JUNCTION BOX FOR CONDUIT APPLICATION. 3/4" F.N.P.T STANDARD. SEE CATALOG ITEM FWS-075.
2. CORD SEALS INCLUDED ARE DESIGNED FOUNTAIN PEOPLE FX/FXPRO SERIES LIGHTS. ANY OTHER FIXTURE STYLE MAY REQUIRE DIFFERENT CORD SEAL
3. REQUIRES #8882 POTTING COMPOUND PER NEC STANDARDS.

Model Number	Dimensions		
	A	B	C
JB2-1-075	3"	5"	4"
JB2-2-075	2"	5"	4"



**FLUSH MOUNT
ELEVATION VIEW**



**CONDUIT MOUNT
ELEVATION VIEW**

JB8 Underwater Junction Boxes

JB8 Series Underwater Junction Box is an universal junction box for either conduit mount or niche mount applications (up to 8 fixtures). The box is tapped for the maximum number of allowable fixtures and includes the appropriate style/quantity cord seals and plugs depending on the number of connections requested.



Specification:

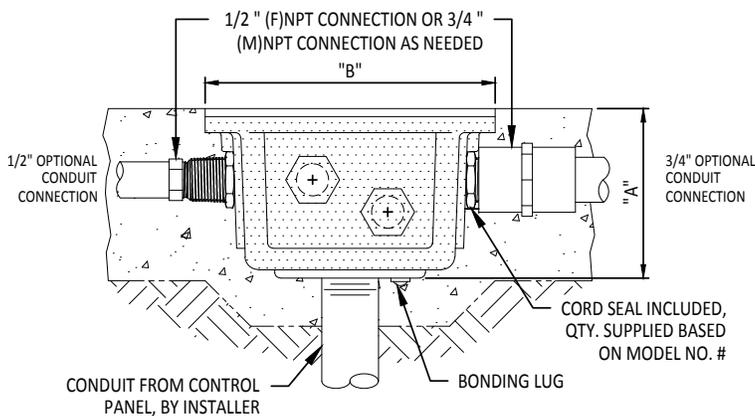
JB8 Series Underwater Junction Box; UL Listed underwater junction box consisting of bronze constructed housing and lid, stainless steel fasteners, neoprene gasket, integral ground bar and external "direct burial" rated bonding lug; includes (1) 1" (F)NPT bottom connection and (8) 3/4" (F)NPT side connections. Junction box may be conduit mounted or flush mounted. Universal brass cord seal provides method for either flush mount or freestanding fixture/conduit connections (3/4" or 1/2" NPT connection). The box has a minimum internal volume of 72.0 cubic inches. NOTE: CONDUIT MOUNT VERSION REQUIRES EMBED FITTING.

Details

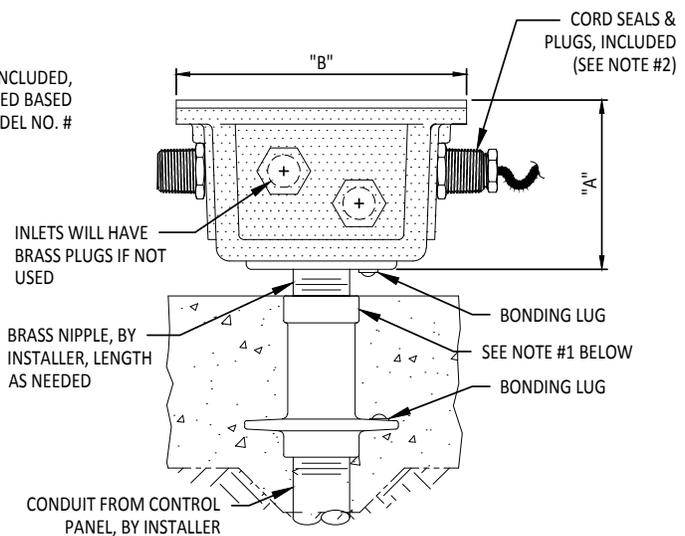
TECHNICAL NOTES

1. WATERSTOP FITTING REQUIRED FOR CONCRETE POUR WHEN USING JUNCTION BOX FOR CONDUIT APPLICATION. 1" F.N.P.T STANDARD. SEE CATALOG ITEM FWS-100.
2. CORD SEALS INCLUDED ARE DESIGNED FOUNTAIN PEOPLE FX/FXPRO SERIES LIGHTS. ANY OTHER FIXTURE STYLE MAY REQUIRE DIFFERENT CORD SEAL.
3. REQUIRES #8882 POTTING COMPOUND PER NEC STANDARDS.

Model Number	Dimensions		
	A	B	C
JB8-1-100	4"	6.75"	6.75"
JB8-2-100	4"	6.75"	6.75"
JB8-3-100	4"	6.75"	6.75"
JB8-4-100	4"	6.75"	6.75"
JB8-6-100	4"	6.75"	6.75"
JB8-8-100	4"	6.75"	6.75"



**FLUSH MOUNT
ELEVATION VIEW**



CONDUIT MOUNT ELEVATION VIEW

PC-8882 Potting Compound

PC-8882 Potting Compound is made for encapsulating wire connections within electrical junction boxes. Potting compound adheres well and pulls away cleanly for fast splice re-entry. Prevents moisture in junction boxes.

Specification:

Potting Compound; 12.3 oz. package, Two-part, non-urethane, re-enterable encapsulant compound. Meets NEC article 680 as an approved potting compound.



Details

Model Number		OZ.	IN ²
PC-8882-C	2-PT	12.3	22
PC-8882-D	2-PT	21.3	30





STEAKS

FLATBREADS

MATT THE MILLER'S
TAVERN

FITTINGS

FAS-08 Anti-Vortex Plate & Sump	: 80
R-83 Series Anti-Vortex Plate & Sump	: 81
R-84 Series Anti-Vortex Plate & Sump	: 82
FMG Series Fiberglass Molded Grate	: 83
DIV-PL Series Diverter Plate	: 84
FAD Series Adjustable Diverter Fitting	: 85
PCS Series Channel Sump	: 86
VIF Series Vacuum Inlet Fitting	: 87
ST-EF Series Stream Eyeball Inlet Fitting	: 88
FSD Series Overflow Standpipe Fitting	: 89
FDF Series Floor Drain Fitting	: 90
SEF-200A Series Sweep Eyeball Inlet Fitting	: 91
FWS SERIES Brass Waterstop Fitting	: 92
FWS SERIES PVC Waterstop Fitting	: 93
FSK Series Front Access Skimmer	: 94
R-30B Series Front Access Skimmer	: 95
R-50 Mechanical Float Valve	: 96
FWD-B Series Wall Mounted Overflow Fitting	: 97



Anti-Vortex/Diverter Plate and Sump

FAS-08 Anti-Vortex/Diverter Plate & Sump provides a "pour-in-place" suction/discharge assembly. The sump is designed to be floor mounted.

Specification:

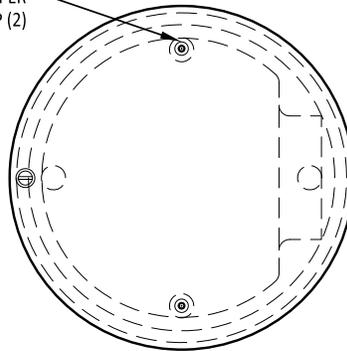
FAS-08 Anti-Vortex/Diverter Plate & Sump, heavy duty abs sump body with 2" threaded side connection. Includes an 8" diameter anti-vortex/diverter plate of cast bronze with integral legs and stainless steel fasteners.

Details

TECHNICAL NOTES:

1. ABS SUMP BODY INTENDED FOR FORMED CONCRETE OR GUNITE/SHOTCRETE APPLICATIONS. THIS PRODUCT IS NOT INTENDED FOR POND/POOL LINER APPLICATIONS.
2. ANTI-VORTEX/ DIVERTER PLATE & SUMP MUST BE BONDED UTILIZING A #8 AWG SOLID COPPER WIRE.
3. REQUIRES A 4" THICK CONCRETE AROUND SUMP BODY.

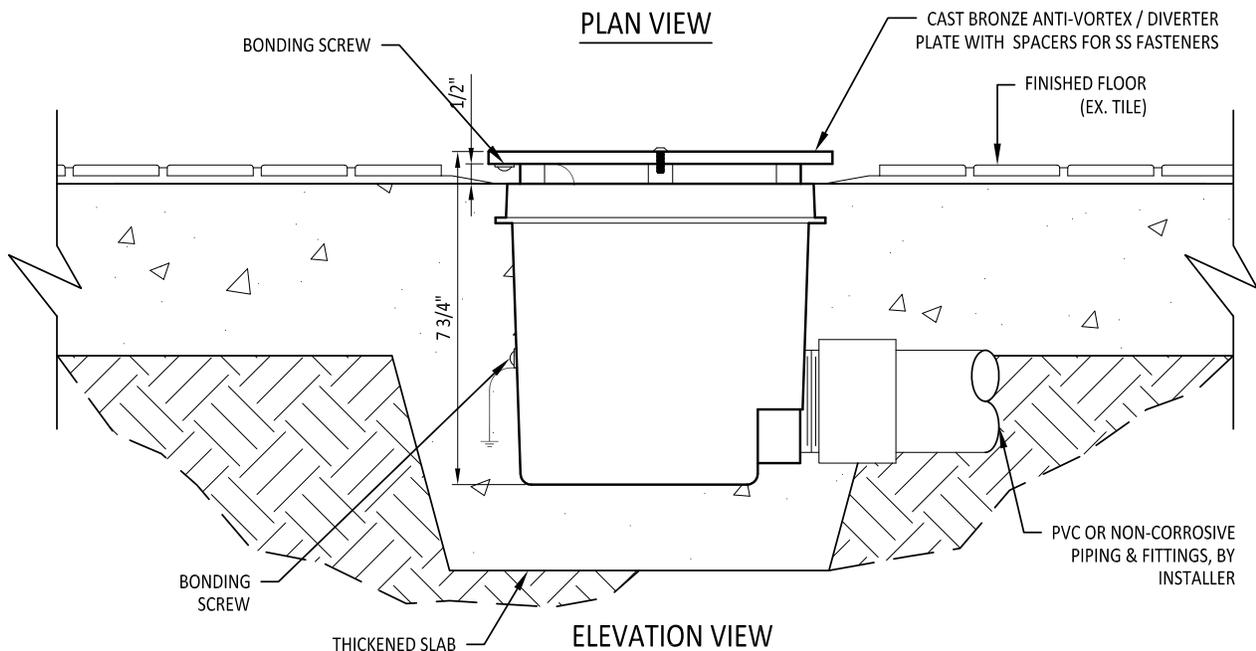
STAINLESS STEEL TAMPER RESISTANT FASTENER, TYP (2)



PLAN VIEW

Model Number	FNPT	Max. Flow Rate	
		Suction	Discharge
FAS-08	2"	60 GPM	80 GPM

FLOW RATES INDICATED ARE BASED OFF 16" OF OPERATING LEVEL



ELEVATION VIEW

Anti-Vortex/Diverter Plate and Sump

R83 Series Anti-Vortex/Diverter Plate & Sump provides a "pour-in-place" suction/discharge FRP sump. Sump may be floor mounted.

Specification:

R-83 Series Anti-Vortex/Diverter Plate & Sump, heavy-duty FRP construction with black gel coat interior finish, integral waterstop, and sealed PVC pipe connection. Includes a 13" square Anti-Vortex/Diverter Plate of cast bronze with integral stand-offs and stainless steel fasteners.

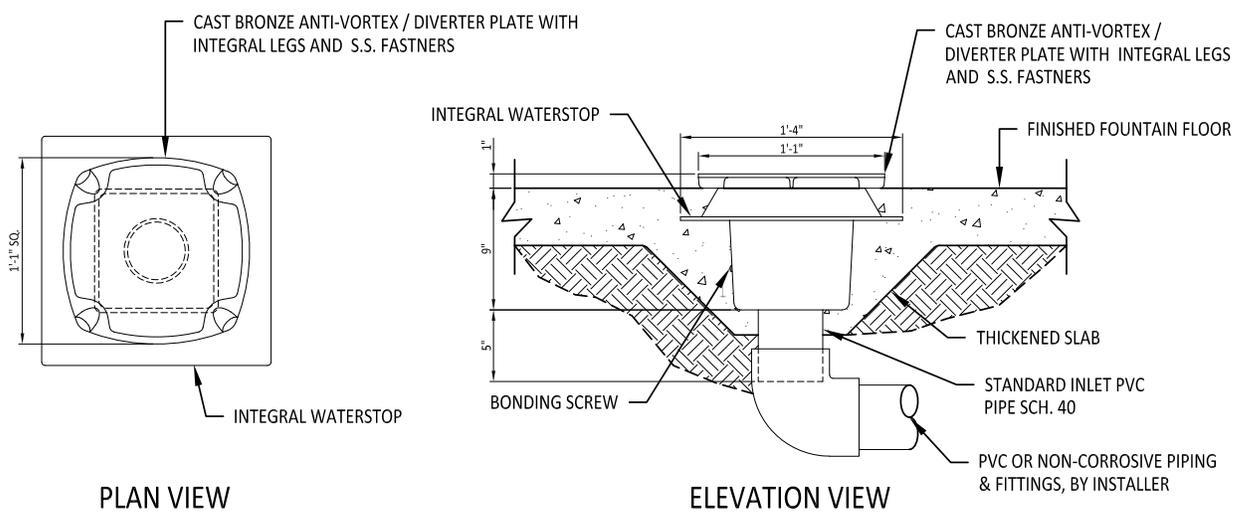


Details

TECHNICAL NOTES

1. FRP SUMP BODY INTENDED FOR FORMED CONCRETE OR GUNITE/SHOTCRETE APPLICATIONS. THIS PRODUCT IS NOT INTENDED FOR POND/POOL LINER APPLICATIONS.
2. ANTI-VORTEX/ DIVERTER PLATE AND SUMP MUST BE BONDED UTILIZING A #8 AWG SOLID COPPER WIRE.
3. SUMP REQUIRES 4" THICK CONCRETE AROUND SUMP BODY.

Model Number	FNPT	Max. Flow Rate	
		Suction	Discharge
R-83-3	3"	120 GPM	180 GPM
R-83-4	4"	200 GPM	300 GPM



Anti-Vortex/Diverter Plate and Sump

R-84 Series Anti-Vortex/Diverter Plate & Sump provides a "pour-in-place" suction/discharge FRP sump. Sump may be floor mounted.



Specification:

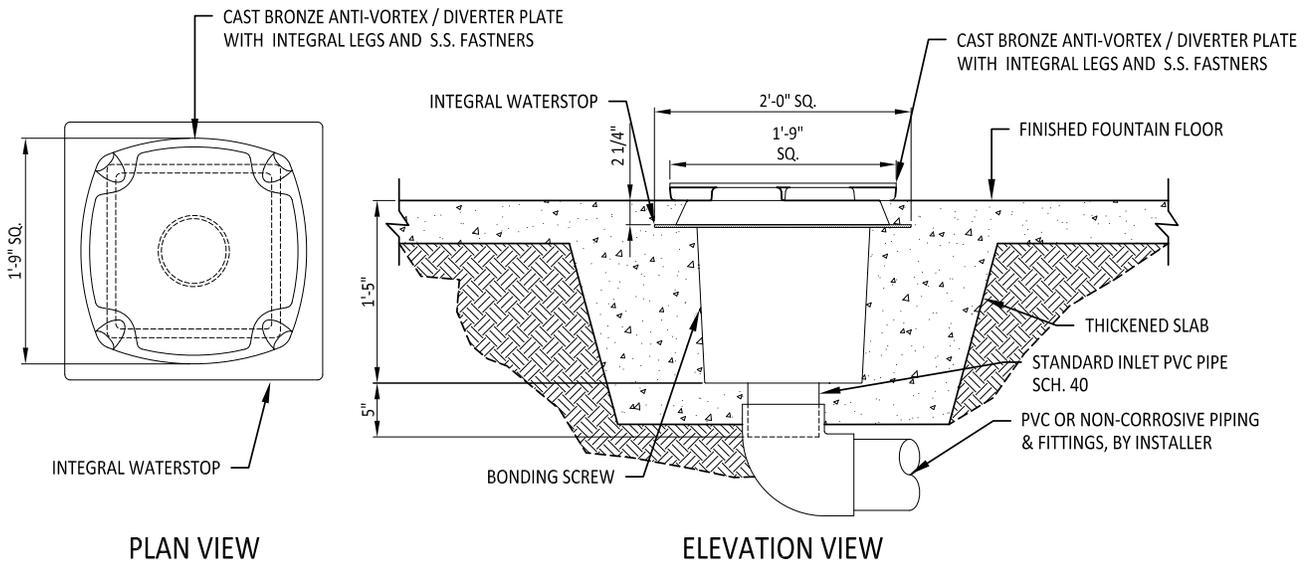
R-84 Anti-Vortex/Diverter Plate & Sump, heavy-duty FRP construction with black get coat interior finish, integral waterstop, and sealed PVC pipe connection. Includes a 21" square Anti-Vortex/Diverter Plate of cast bronze with integral stand-offs and stainless steel fasteners.

Details

TECHNICAL NOTES

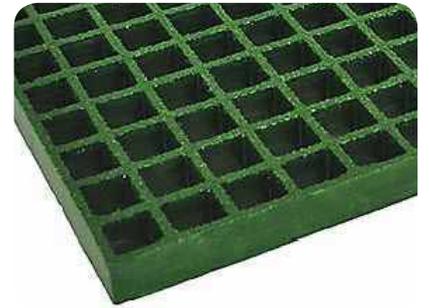
1. FRP SUMP BODY INTENDED FOR FORMED CONCRETE OR GUNITE/SHOTCRETE APPLICATIONS. THIS PRODUCT IS NOT INTENDED FOR POND/POOL LINER APPLICATIONS.
2. ANTI-VORTEX/ DIVERTER PLATE AND SUMP MUST BE BONDED UTILIZING A #8 AWG SOLID COPPER WIRE.
3. SUMP REQUIRES 4" THICK CONCRETE AROUND SUMP BODY.

Model Number	FNPT	Max. Flow Rate	
		Suction	Discharge
R-84-6	6"	300 GPM	400 GPM
R-84-8	8"	400 GPM	600 GPM

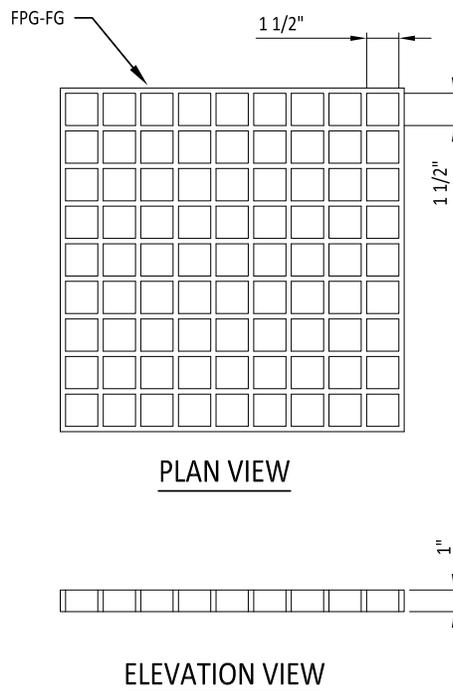


Fiberglass Molded Grate

Molded grating is constructed in one piece from continuous fiberglass rovings and a wide range of premium polyesters or vinyl ester resins. A unique three step weaving process ensures that all glass reinforcements are lined up in the center of bars and protected by the outer resin layers.



Details



Diverter Plate

DIV-PL Series Diverter Plate is used for as either an anti-vortex device or a diverter device in narrow troughs and pool where bi-directional flow is required, and surface turbulence needs to be minimized.



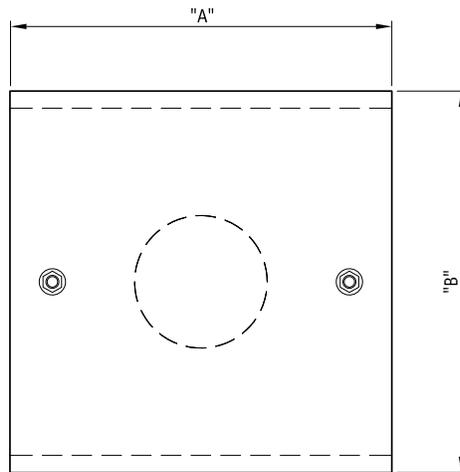
Specification:

DIV-PL Series Diverter Plate; consists of a 1/8" thick brass (C-channel) bent plate. Construction is brushed natural finish with 5/16" clearance holes for a 1/4" stainless anchors, by installer.

Details

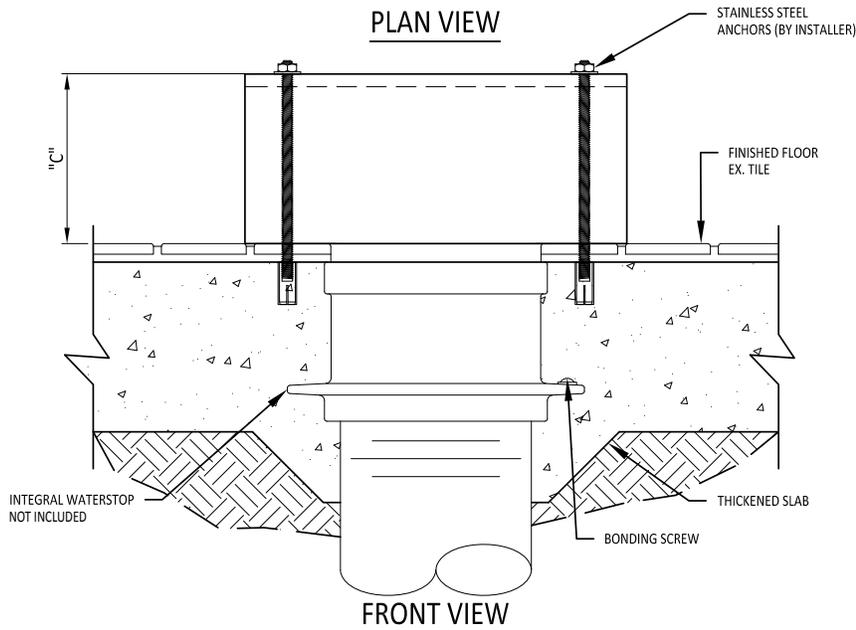
TECHNICAL NOTES:

1. WATERSTOP FITTING INTENDED FOR FORMED CONCRETE OR GUNITE/ SHOTCRETE APPLICATIONS. THIS PRODUCT IS NOT INTENDED FOR POND/POOL LINER APPLICATIONS.
2. WATERSTOP MUST BE BONDED UTILIZING A #8 AWG SOLID COPPER WIRE.



PLAN VIEW

Model Number	Dimensions		
	A	B	C
DIV-PL-362U	3"	6"	2"
DIV-PL-662U	6"	6"	2"
DIV-PL-882U	8"	8"	2"
DIV-PL-884U	8"	8"	4"
DIV-PL-894U	8"	9"	4"
DIV-PL-10104U	10"	10"	4"
DIV-PL-12124U	12"	12"	4"
DIV-PL-18184U	18"	18"	4"
DIV-PL-24124U	24"	24"	4"



FRONT VIEW

Adjustable Diverter Fitting

FAD Series Adjustable Diverter Fitting provides a "pour-in-place" embedded fitting with a brass threaded top plate, used to control in-pool discharge flow from NPT piping connection. Fitting is floor mounted.

Specification:

FAD Series Adjustable Diverter Fitting, bronze body with integral waterstop, grounding screw, and female bottom connection. Adjustable brass diverter plate with natural finish.



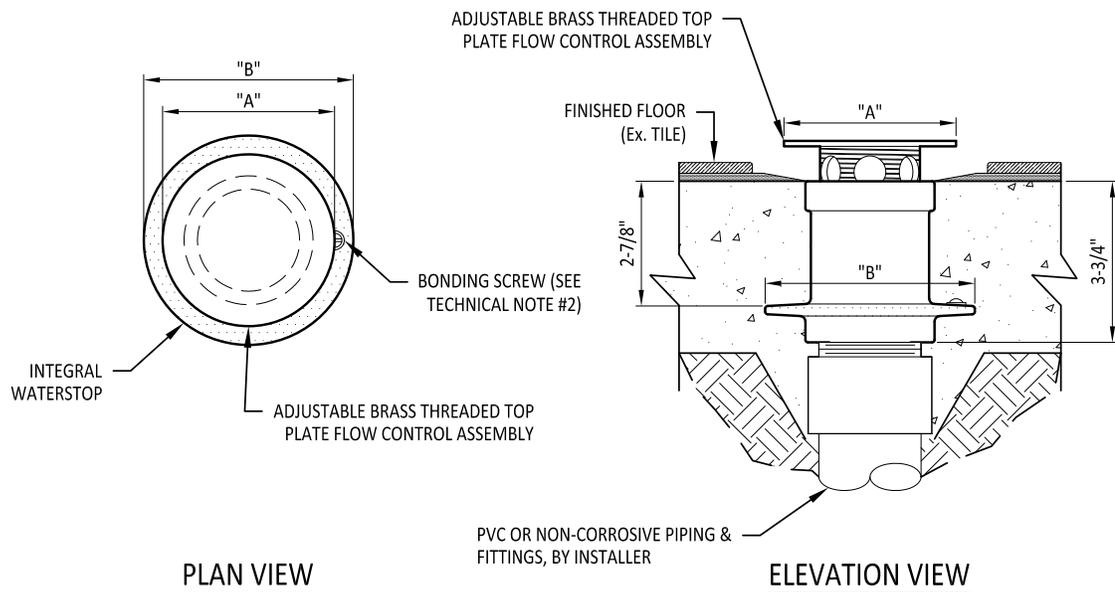
Details

TECHNICAL NOTES:

1. ADJUSTABLE DIVERTER FITTING INTENDED FOR FORMED CONCRETE OR GUNITE/SHOTCRETE APPLICATIONS. THIS PRODUCT IS NOT INTENDED FOR POND/POOL LINER APPLICATIONS.
2. ADJUSTABLE DIVERTER MUST BE BONDED UTILIZING A #8 AWG SOLID COPPER WIRE.
3. MAXIMUM FLOW RATES LISTED ARE BASED ON 16" WATER DEPTH.

Model Number	FNPT	Dimensions		MAX Flow GPM
		A	B	
FAD-150	1½"	3"	5"	30
FAD-200	2"	4"	5"	60
FAD-300	3"	6"	7"	120
FAD-400	4"	8"	7"	160

FLOW RATES SHOWN AT 16" OF OPERATING DEPTH. CONTACT FOUNTAIN PEOPLE FOR SHALLOWER APPLICATIONS



PCS-32 Plastic Channel Sump

PCS-32" VGB Compliant Plastic Channel Sump provides a "pour-in-place" suction/discharge FRP sump. Sump may be floor mounted.



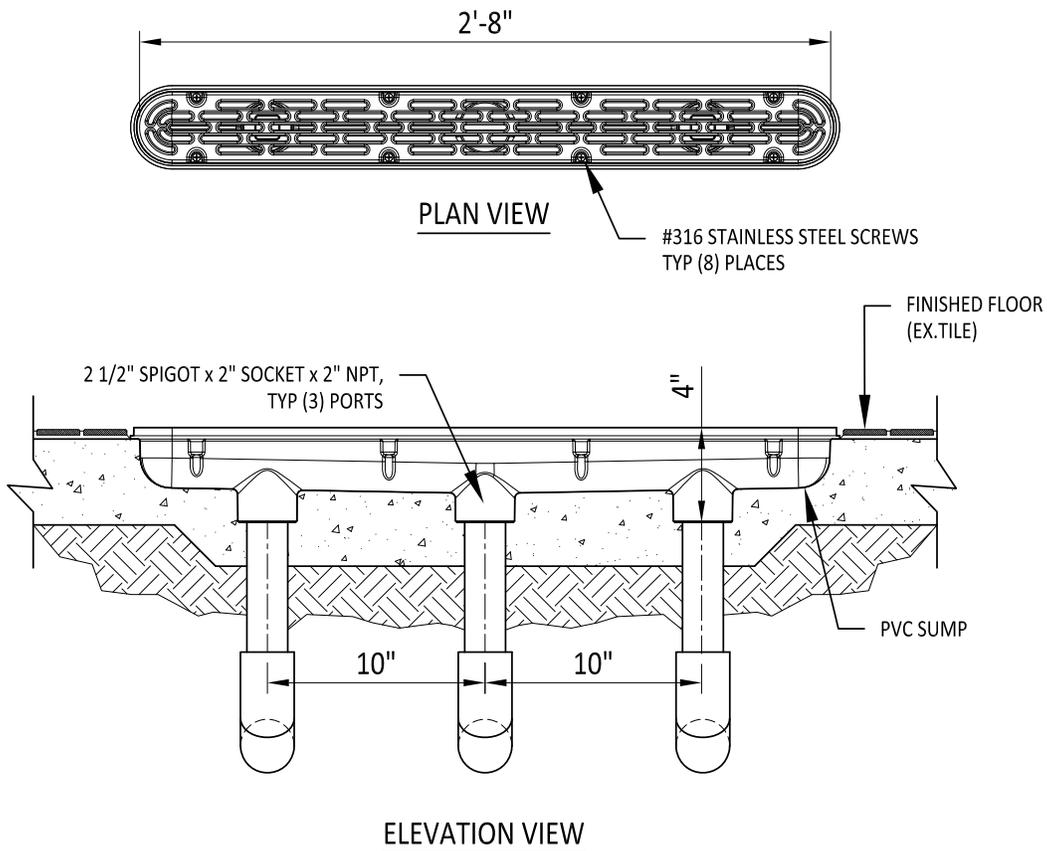
Specification:

PCS-32 VGB Compliant Plastic Channel Sump, dimensions: 33" x 4-9/32" x 5-9/16", three bottom ports: 2-2/2" spigot x 2" socket x 2" NPT, two 2" threaded plugs, #316 Stainless Steel fasteners, VGB Grate has 25.9 sq in open area for water flow, allowing 316 GPM @ 3.9 fps.

Details

TECHNICAL NOTES:

1. FLOW RATES SHOWN AT 16" OPERATING WATER DEPTH. CONTACT FOUNTAIN PEOPLE FOR SHALLOWER APPLICATIONS.



Vacuum Inlet Fitting

VIF Series Inlet Fitting is used with a standard 1-1/2" vacuum hose.

Specification:

VIF Series Inlet Fitting, cast bronze body with natural finish, removable bronze plug, integral waterstop with grounding screw, FNPT connection.

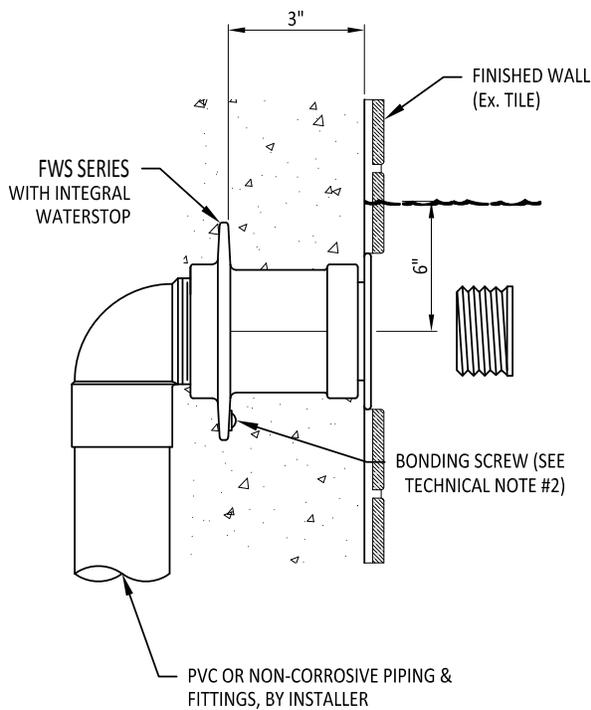


Details

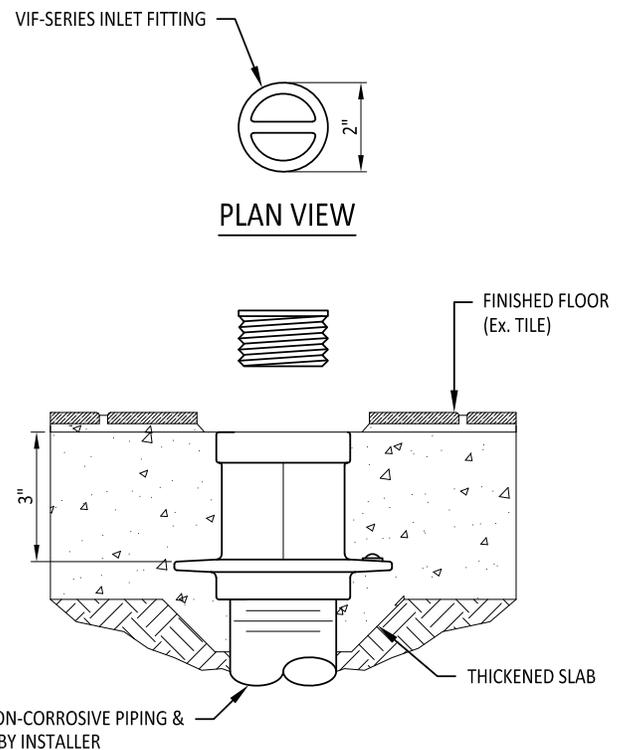
TECHNICAL NOTES

1. WATERSTOP FITTING INTENDED FOR FORMED CONCRETE OR GUNITE/SHOTCRETE APPLICATIONS. THIS PRODUCT IS NOT INTENDED FOR POND/POOL LINER APPLICATIONS.
2. WATERSTOP MUST BE BONDED UTILIZING A #8 AWG SOLID COPPER WIRE.

Model Number	FNPT	Maximum Flow Rate
VIF-150	1½"	40 GPM
VIF-200	2"	50 GPM



**FINISHED WALL:
ELEVATION VIEW**



**FINISHED FLOOR:
ELEVATION VIEW**

ST-EF Series

Stream Eyeball Inlet Fitting

ST-EF Series Stream Eyeball Inlet Fitting directs debris to skimmers and improve water circulation.

Specification:

ST-EF Series Stream Eyeball Inlet Fitting, cast bronze body with natural finish, integral waterstop with grounding screw, FNPT connection.

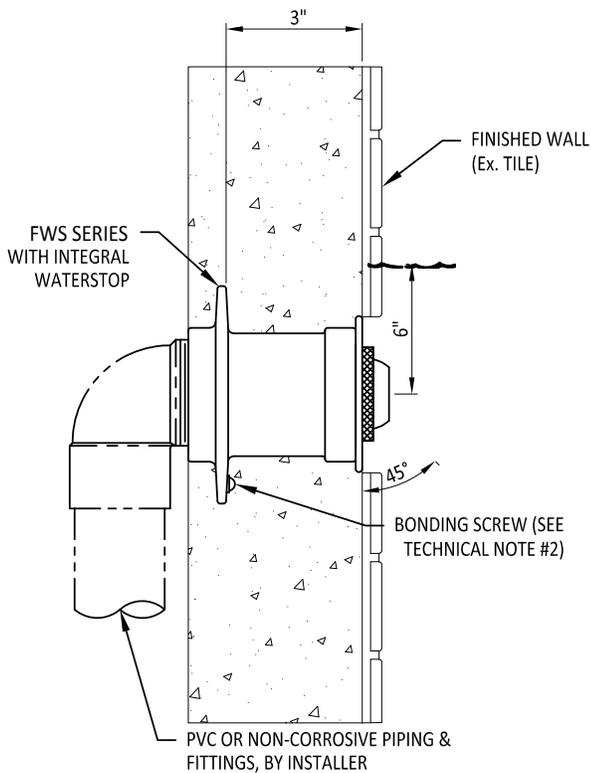


Details

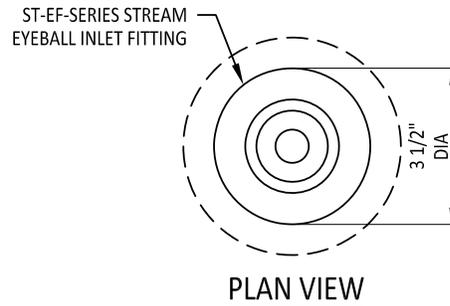
TECHNICAL NOTES

1. WATERSTOP FITTING INTENDED FOR FORMED CONCRETE OR GUNITE/SHOTCRETE APPLICATIONS. THIS PRODUCT IS NOT INTENDED FOR POND/POOL LINER APPLICATIONS.
2. WATERSTOP MUST BE BONDED UTILIZING A #8 AWG SOLID COPPER WIRE.

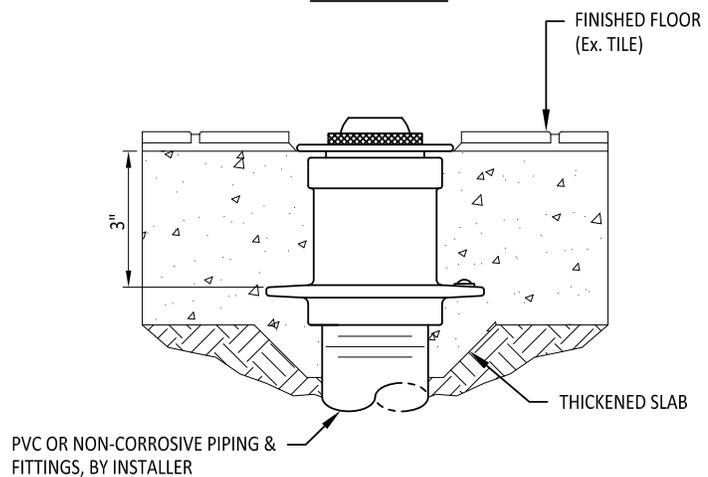
Model Number	FNPT	Minimum Flow Rate	Maximum Flow Rate
ST-EF-150	1½"	10 GPM	30 GPM
ST-EF-200	2"	10 GPM	30 GPM



**FINISHED WALL:
ELEVATION VIEW**



PLAN VIEW



**FINISHED FLOOR:
ELEVATION VIEW**

Overflow Standpipe Fitting

FSD Series Overflow Standpipe Drain provides a method of removing excess water that may enter the fountain system from rain, etc. The standpipe portion is removable and allows the fountain basin to be fully drained.

Specification:

FSD Series Overflow Standpipe Drain; consists of an integral waterstop flange with female threaded connection, ground screw and a removable standpipe drain with secured dome. Construction is of cast bronze with copper standpipe and cast bronze dome in natural finish.

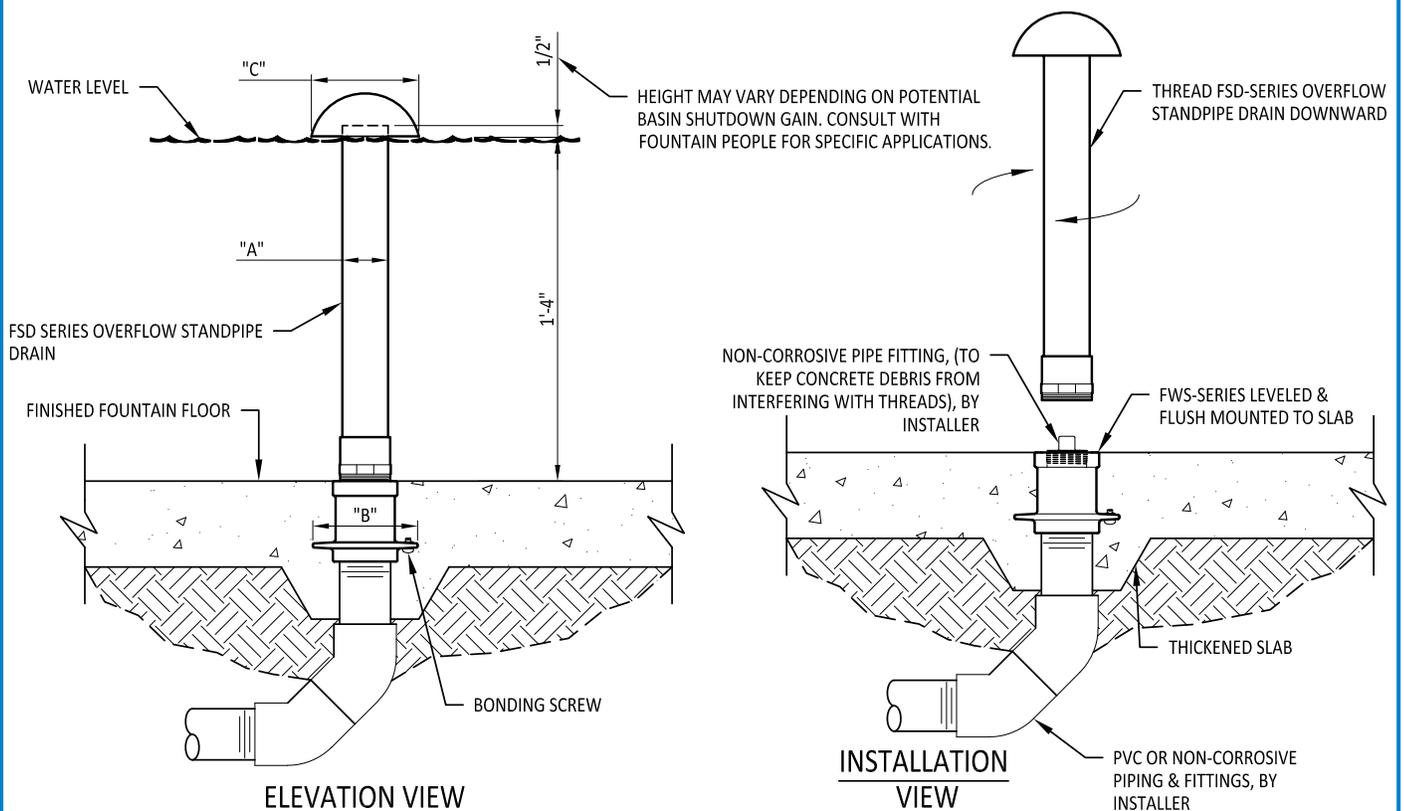


Details

TECHNICAL NOTES

1. WATERSTOP FITTING (INCLUDED) IS REQUIRED FOR CONCRETE POUR. SIZE BASED ON PIPING DRAIN SIZE. (SEE CATALOG ITEM: FWS-SERIES)
2. THIS PRODUCT IS NOT INTENDED FOR POND/POOL LINER APPLICATIONS.
3. WATERSTOP MUST BE BONDED UTILIZING A #8 AWG SOLID COPPER WIRE.
4. THIS FITTING IS WATER LEVEL DEPENDENT.

Model Number	FNPT	Dimensions		
		A	B	C
FSD-150	1½"	1⅝"	5"	2¾"
FSD-200	2"	2⅞"	7"	5"
FSD-300	3"	3⅞"	7"	5"



Floor Drain Fitting with Plug

FDF Series Floor Drain Fitting w/Plug provides a flush mount, "pour-in-place" embedded fitting, that allows a direct connection between in-pool components with piping or conduit. Fitting may be floor or wall mounted.



Specification:

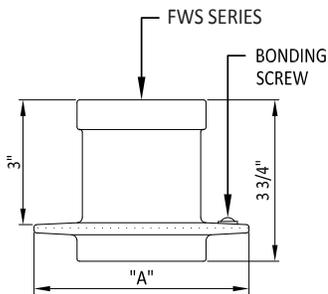
FDF Series Floor Drain Fitting w/Plug; consists of a coupling with an integral waterstop plate, bonding lug and female threaded connections, and removable threaded bronze plug. Construction is cast bronze with a natural finish.

Details

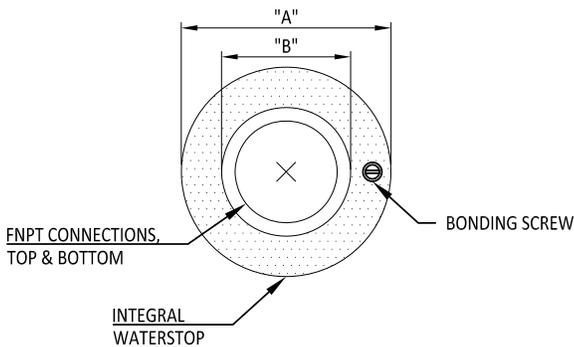
TECHNICAL NOTES

1. WATERSTOP FITTING INTENDED FOR FORMED CONCRETE OR GUNITE/SHOTCRETE APPLICATIONS. THIS PRODUCT IS NOT INTENDED FOR POND/POOL LINER APPLICATIONS.
2. WATERSTOP MUST BE BONDED UTILIZING A #8 AWG SOLID COPPER WIRE.

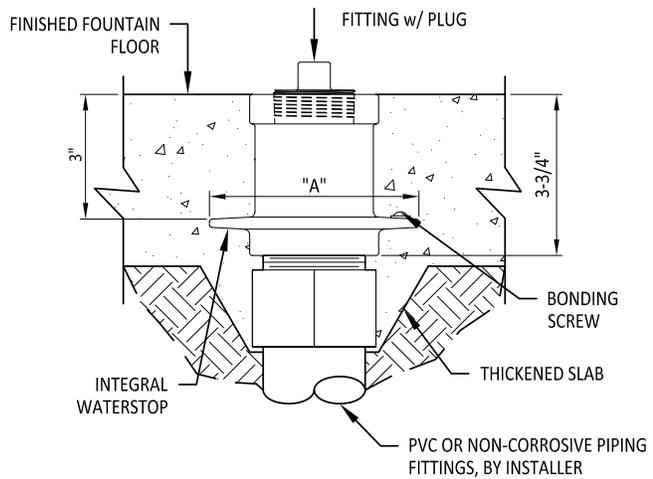
Model Number	FNPT	Measurements	
		A	B
FDF-200	2"	5"	3"
FDF-300	3"	7"	5¼"
FDF-400	4"	7"	5¼"



FRONT VIEW



PLAN VIEW



ELEVATION VIEW

Sweep Eyeball Inlet Fitting

SEF-200A Sweep Eyeball Inlet Fitting sweeps the pool floor of debris.

Specification:

SEF-200A Sweep Eyeball Inlet Fitting, cast bronze body with natural finish, integral waterstop with grounding screw, FNPT connection.

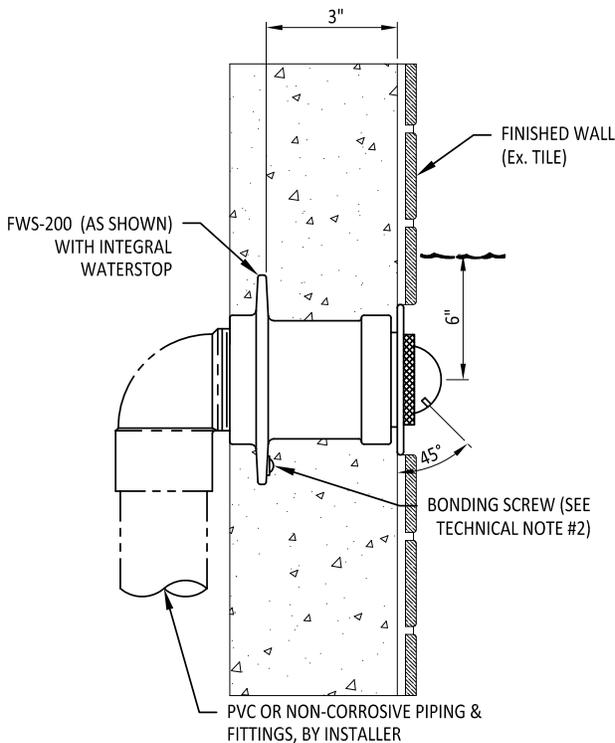


Details

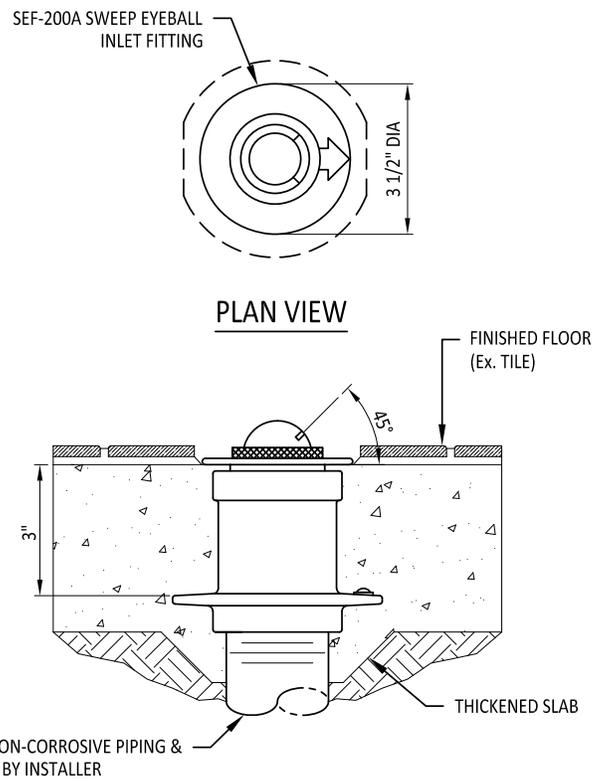
TECHNICAL NOTES

1. WATERSTOP FITTING INTENDED FOR FORMED CONCRETE OR GUNITE/SHOTCRETE APPLICATIONS. THIS PRODUCT IS NOT INTENDED FOR POND/POOL LINER APPLICATIONS.
2. WATERSTOP MUST BE BONDED UTILIZING A #8 AWG SOLID COPPER WIRE.

Model Number	FNPT	Minimum Flow Rate	Maximum Flow Rate
SEF-200A	2"	5 GPM	15 GPM



**FINISHED WALL:
ELEVATION VIEW**



**FINISHED FLOOR:
ELEVATION VIEW**

Waterstop Fitting

FWS Series Waterstop Fitting provides a flush mount, "pour-in-place" embedded fitting, that allows a direct connection between in-pool components with piping or conduit. Fitting may be floor or wall mounted.

Specification:

FWS Series Waterstop Fitting; consists of a coupling with an integral waterstop plate, bonding lug and female threaded connections. Construction is cast bronze, copper and brass with a natural finish.

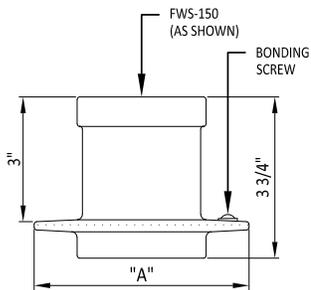


Details

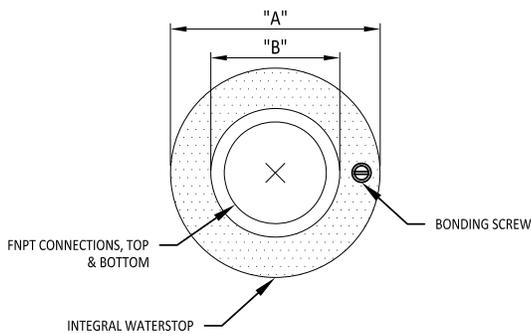
TECHNICAL NOTES:

1. WATERSTOP FITTING INTENDED FOR FORMED CONCRETE OR GUNITE SHOTCRETE APPLICATIONS. THIS PRODUCT IS NOT INTENDED FOR POND/POOL LINER APPLICATIONS.
2. WATERSTOP MUST BE BONDED UTILIZING A #8 AWG SOLID COPPER WIRE.

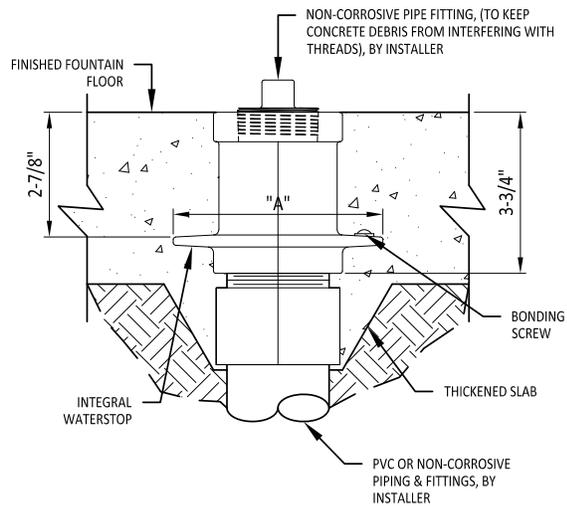
Model Number	FNPT	Dimensions	
		A	B
FWS-050	1/2"	3 1/2"	1 3/4"
FWS-075	3/4"	3 1/2"	1 3/4"
FWS-100	1"	5"	1 3/4"
FWS-125	1 1/4"	5"	3"
FWS-150	1 1/2"	5"	3"
FWS-200	2"	5"	3"
FWS-300	3"	7"	5 1/4"
FWS-400	4"	7"	5 1/4"



FRONT VIEW



PLAN VIEW



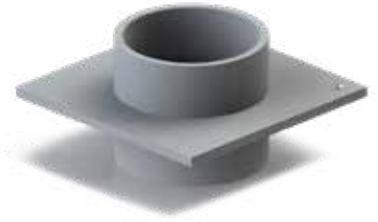
ELEVATION VIEW

PVC Waterstop Fitting

FWS-P Series (PVC) Waterstop Fitting provides a flush mount, "pour-in-place" embedded fitting, that allows a direct connection between in-pool components. Fitting may be floor or wall mounted.

Specification:

FWS-P Series (PVC) Waterstop Fitting; fabricated from Schedule 80 PVC materials, waterstop flange shall be adhesively bonded to PVC components. PVC socket connection (bottom). PVC pipe connection (top).

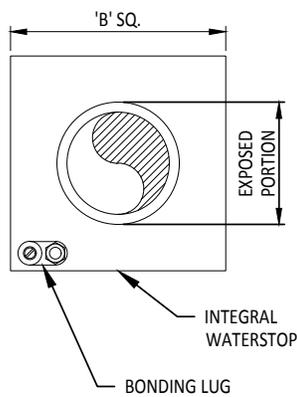


Details

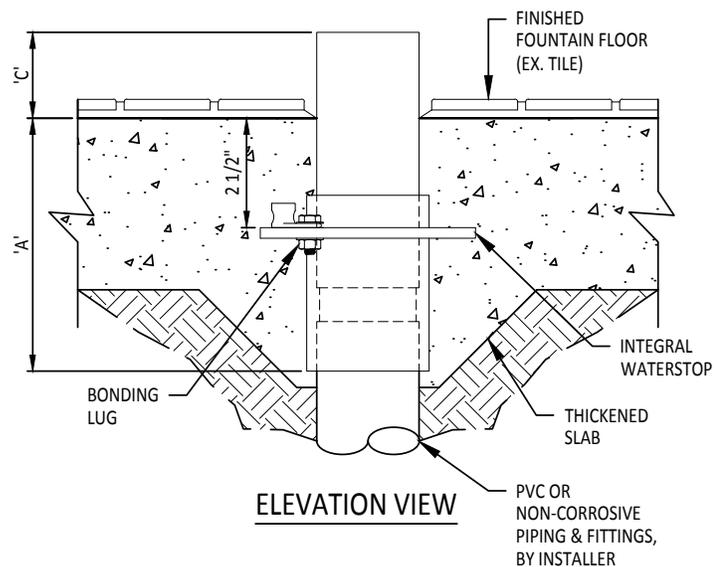
TECHNICAL NOTES

1. 1) EXTENDED PIPE LENGTHS AVAILABLE ON SPECIAL ORDERS.
2. 2) INCREASED PIPE SIZES AVAILABLE UPON REQUEST; CONSULT THE FOUNTAIN PEOPLE.

Model Number	Pipe Size	Dimensions		
		A	B	C
FWS-P-150	1½"	5⅝"	4"	1½"
FWS-P-200	2"	5⅞"	5"	2"
FWS-P-250	2½"	6⅝"	6"	2½"
FWS-P-300	3"	6¾"	8"	3"
FWS-P-400	4"	7⅞"	9"	4"
FWS-P-600	6"	8⅞"	12"	6"
FWS-P-800	8"	15"	14"	8"
FWS-P-1000	10"	21"	16"	10"
FWS-P-1200	12"	24"	18"	12"



PLAN VIEW



ELEVATION VIEW

Front Access Skimmer



FSK-150J is designed to remove floating surface debris. The skimmer is engineered for pools with thinner walls utilizing heavy-duty ABS construction. Includes floating weir with removable trash basket and cast bronze face plate with natural finish.

Specification:

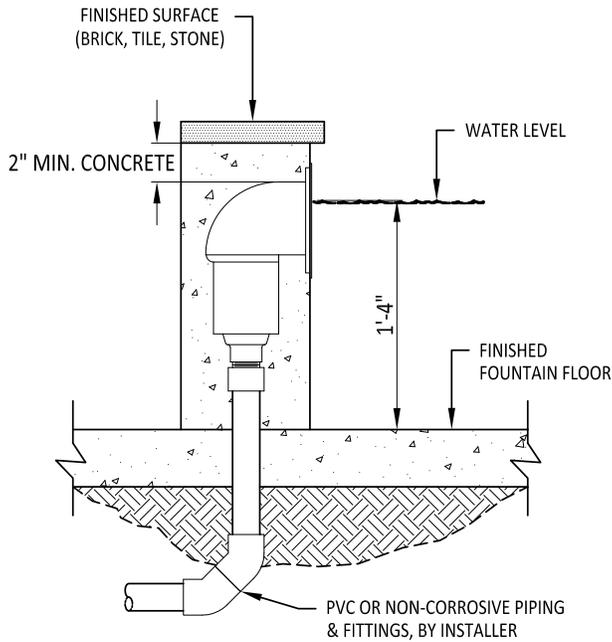
FSK-150J Front Access Skimmer; consists of a heavy-duty ABS housing with a floating weir and removable plastic debris basket (removable through front opening of skimmer). Faceplate is of cast bronze with a natural finish.

Details

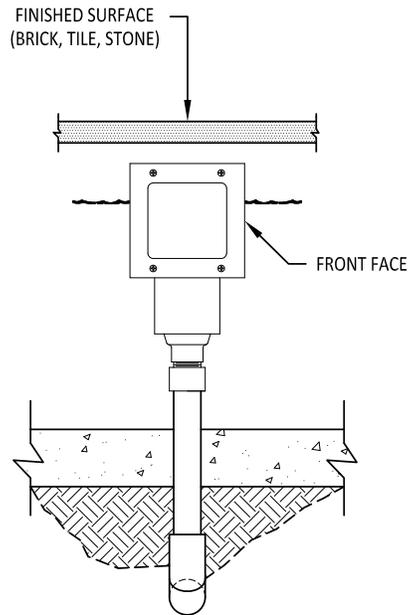
TECHNICAL NOTES:

1. FLOW RATES SHOWN AT 16" OPERATING WATER DEPTH. CONTACT FOUNTAIN PEOPLE FOR SHALLOWER APPLICATIONS.

Model Number	NPT	Minimum Flow Rate	Maximum Flow Rate
FSK-150J	1½"	10 GPM	30 GPM



SIDE VIEW



ELEVATION VIEW

Front Access Skimmer

R-30B Front Access Skimmer removes floating surface debris. The skimmer is engineered for concrete/gunite walls and includes a floating weir with removable trash basket and cast bronze face plate with natural finish.



Specification:

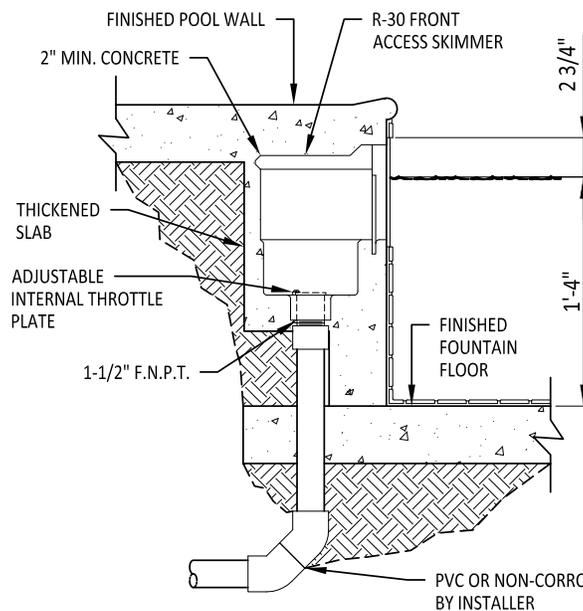
R30-B Front Access Skimmer; consists of a heavy-duty molded Cyclocac® construction housing with a floating weir and removable plastic debris basket that is removable through front opening of skimmer. Faceplate is cast bronze or machined brass with natural finish.

Details

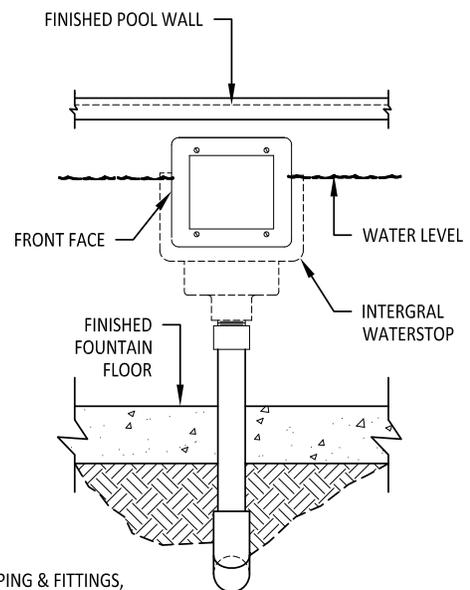
TECHNICAL NOTES

1. FLOW RATES SHOWN AT 16" OPERATING WATER DEPTH. CONTACT FOUNTAIN PEOPLE FOR SHALLOWER APPLICATIONS.

Model Number	NPT	Minimum Flow Rate	Maximum Flow Rate
R-30B	1½"	10 GPM	30 GPM



SIDE VIEW



ELEVATION VIEW

Mechanical Float Valve

R-50 Mechanical Float Valve w/Niche is a way to control the water level in a fountain or pool. The mechanical float valve allows for minor adjustment in water level.

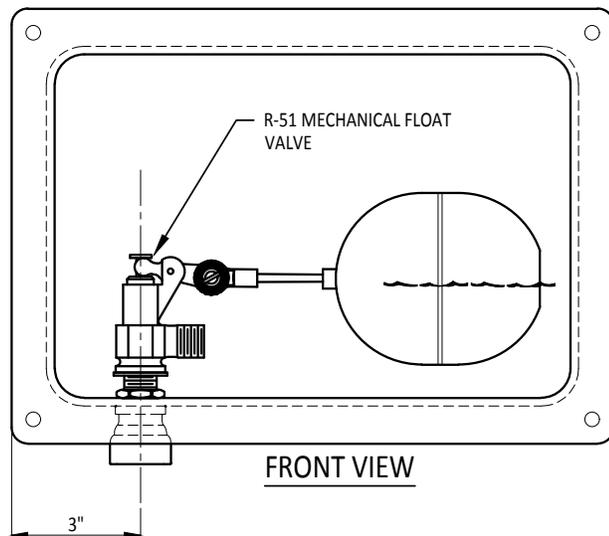
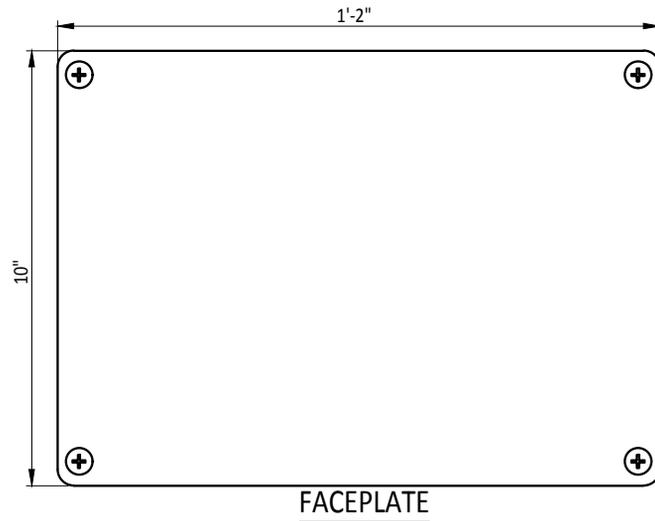
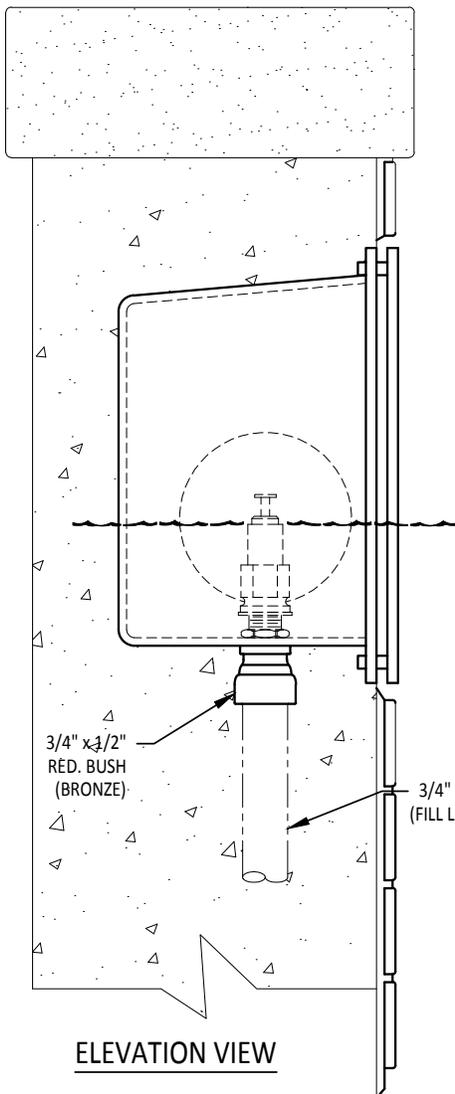


Specification:

R-50 Mechanical Float Valve w/Niche, niche and faceplate are white acrylic, brass valve with a plastic float, 3/4" threaded connection. 15 GPM maximum flow rate.

Note: For optional brass face plate, add suffix **-B** to catalog number.

Details



FWD-B Series Wall Mounted Overflow Fitting

FWD-B Series Wall Mounted Overflow Fitting provides a wall mounted overflow device to maintain proper water level in fountain pool basin.

Specification:

FWD-B Series Wall Mounted Overflow Fitting; consists of a bronze housing with an integral waterstop flange and a large full-face removable strainer grill. The housing includes a female threaded connection and a permanently affixed bonding lug. Construction is cast bronze and brass with a natural finish.

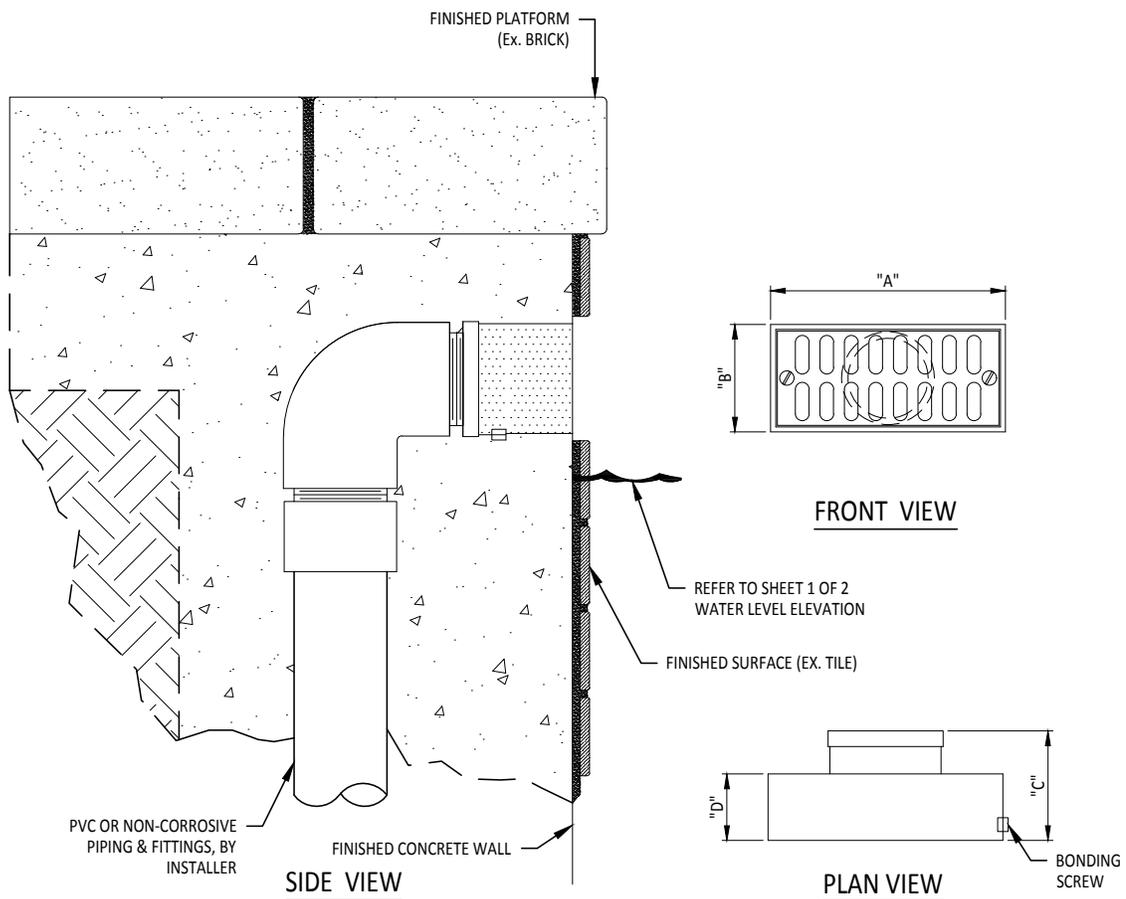


Detail

TECHNICAL NOTES

1. WATERSTOP MUST BE BONDED UTILIZING A #8 AWG SOLID COPPER WIRE.
2. THIS FITTING IS WATER LEVEL DEPENDENT.

Model Number	NPT	Dimensions				
		A	B	C	D	E
FWD-200B	2"	6"	2¼"	2⅝"	1½"	8"
FWD-200SB	2"	9¼"	1½"	3⅝"	2"	11¼"
FWD-300B	3"	12"	4"	3¼"	1⅝"	14"





CONTROLS

FCP Series Fountain Control Panels	: 100
FCP-TC Series Fountain Control Panels	: 101
WLC-CPL Water Level Control Panel	: 102
WFS Series Water Fill Stations	: 103
CWL-002WD Wall Mounted Overflow Drain & Sensor	: 104
CWL-002W Wall Mounted Water Level Sensor	: 105
CWL-002C Conduit Mounted Water Level Sensor	: 106
WLS-CG Series Water Level Probe	: 107
WSM-1D Wind Speed Monitor and Control	: 108
AN-1D Wind Anemometer	: 109
BECSYS3 Water Chemistry Controller System	: 110
BECSYS5 Water Chemistry Controller System	: 111

Fountain Control Panels

The combination pump/light control panel is designed for architectural water features where automatic control is required for display, filtration pump and lighting controls. Each panel is U.L. 508 listed and pre-tested at the factory.



Specification:

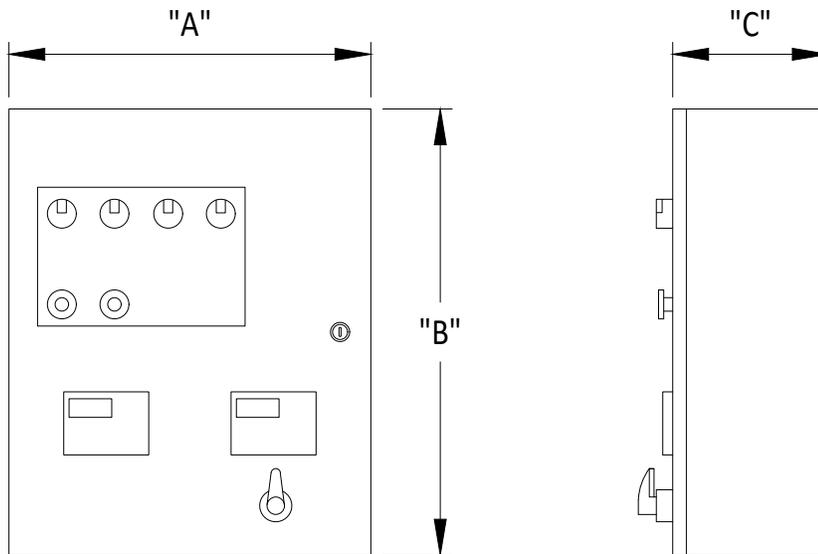
U.L. 508 Listed Control Panel, includes main disconnect, power distribution breakers (Class 'A' GFCI as required); pump contactor w/overload relay; lighting contactor; water level makeup/low level module, two-channel 24/7 electronic time clock, H.O.A. selector switches and field connection terminal blocks. The panel is pre-wired in a NEMA 4 enclosure and factory tested prior to shipment.

Please contact Fountain People for specific project requirements and engineering services.

Details

Model Number	Dimensions (Inches)		
	A	B	C
FCP SERIES	Varies	Varies	Varies

Panel size is project dependent.



TECHNICAL NOTES:

- EQUIPMENT SPACE MUST BE VENTILATED AS FOLLOWS:
 - MINIMUM AIR TURNOVER RATE OF 5 CYCLES PER HOUR
 - AMBIENT AIR TEMPERATURE NOT TO EXCEED 104° F.
- MAINTAIN NEC COMPLIANCE WHEN LOCATING PANEL.
- PANEL DIMENSIONS WILL VARY IN SIZE DUE TO SPECIFICATION REQUIREMENTS FOR EACH PROJECT.

Fountain Control Panels with Touch Screens

The combination pump/light control panel is designed for architectural water features where automatic control is required for display, filtration pump and lighting controls through a PLC & touch-screen interface. Each panel is U.L. 508 listed and pre-tested at the factory.



Specification:

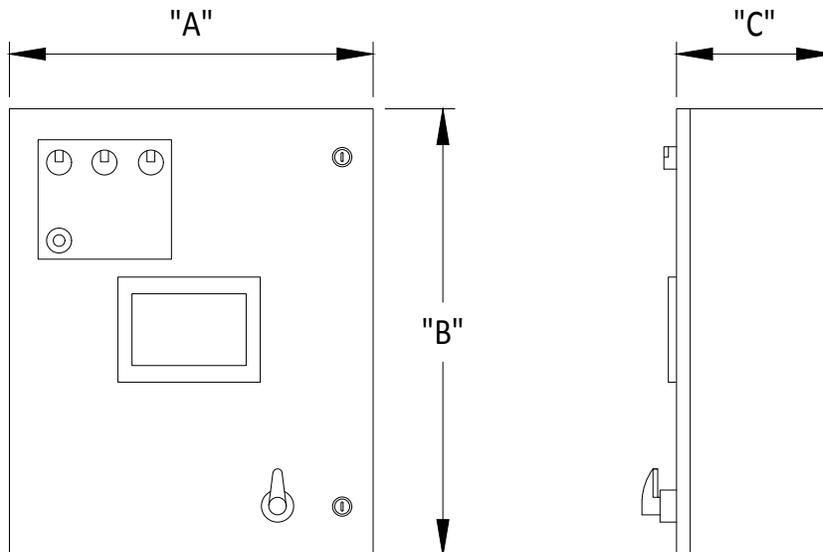
U.L. 508 Listed Control Panel, includes main disconnect, power distribution breakers (Class 'A' GFCI as required); pump contactor w/overload relay; lighting contactor; water level makeup/low level module, interactive touch-screen interface (and programmable logic controller as required), H.O.A. selector switches and field connection terminal blocks. The panel is pre-wired in a NEMA 4 enclosure and factory tested prior to shipment.

Please contact Fountain People for specific project requirements and engineering services.

Details

Model Number	Dimensions (Inches)		
	A	B	C
FCP-TC SERIES	Varies	Varies	Varies

Panel size is project dependent.



TECHNICAL NOTES:

- EQUIPMENT SPACE MUST BE VENTILATED AS FOLLOWS:
 - MINIMUM AIR TURNOVER RATE OF 5 CYCLES PER HOUR
 - AMBIENT AIR TEMPERATURE NOT TO EXCEED 104° F.
- MAINTAIN NEC COMPLIANCE WHEN LOCATING PANEL.
- PANEL DIMENSIONS WILL VARY IN SIZE DUE TO SPECIFICATION REQUIREMENTS FOR EACH PROJECT.

WLC-CPL Water Level & Low Level Cutoff Control Panel

WLC-CPL Water Level and Low Level Cut Off Control Panel provides water level make up and low water cut-off protection for architectural water fountains, interactive features and collection reservoirs. The controller inputs are FILL and LOW WATER CUT-OFF and can be used with any float switch assembly or resistive probes. Additional applications available where multiple switches or probes may be in use. Consult Fountain People for specific requirements.

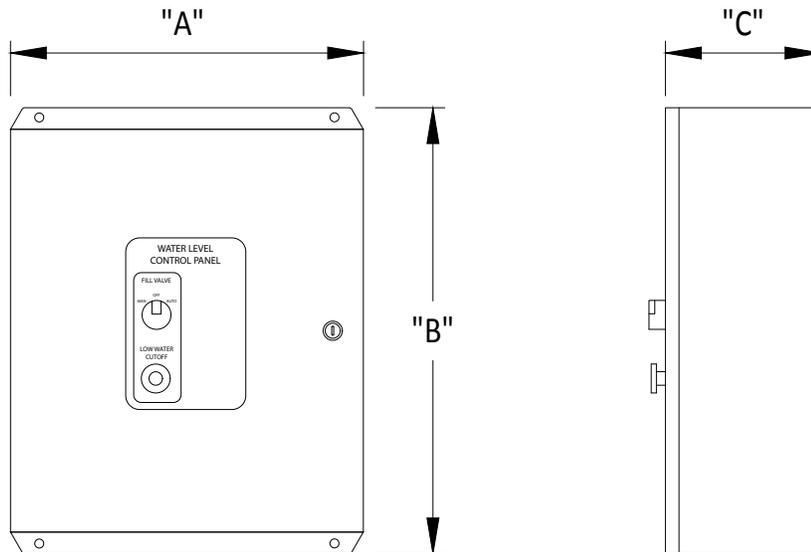


Specification:

WLC-CPL Water Level and Low Water Cut Off Control Panel; U.L. Listed Control Panel consists of a NEMA 3R enclosure, 3-position H.O.A. "Fill Valve" switch. Low Water indicator, DIN rail mounted multi-point level controller, 115V supply voltage with two 8A SPDT/SPST relay outputs NO/NC and diagnostic LEDs, maximum 2mA level probe current. Operating adjustment sensitivity from 250 to 500 ohms.

Details

Model Number	Dimensions (Inches)		
	A	B	C
WLC-CPL	12-1/4"	15-1/2"	6-3/4"



WFS Series Water Fill Station

WFS Series Water Fill Station, fill manifold systems are factory engineered and pre-fabricated. The solenoid valve and manual by-pass assembly allows pool water to be made up either electronically in conjunction with a level sensor control or manually by isolating the solenoid valve and opening the manual fill valve.

Specification:

WFS Series Water Fill Station; constructed of copper and brass with 3/4" 120VAC solenoid fill valve, manual bypass and isolation valves, union fittings, hose bibb, plugged female threaded risers on each loop side for water hammer arrestor connection (by Installer), liquid-filled inlet pressure gauge and (F) N.P.T connections. Flow direction is from right to left.

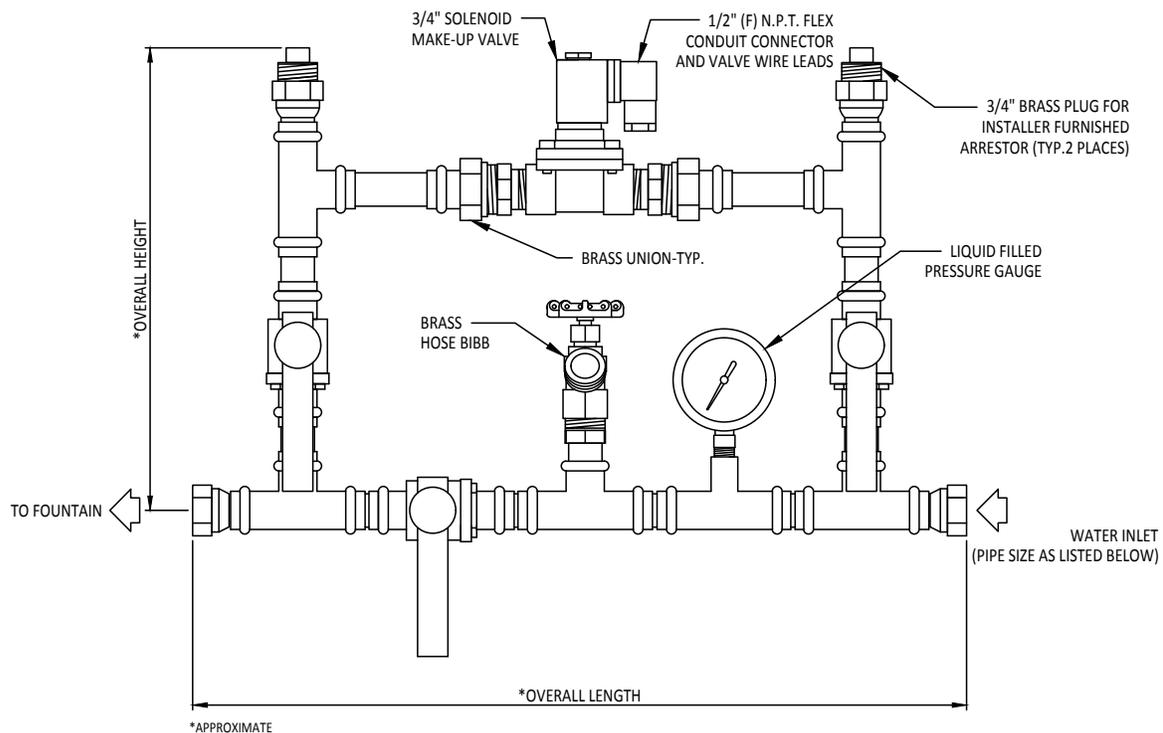


Details

TECHNICAL NOTES:

1. WATER SUPPLY TO MANIFOLD MUST INCLUDE A BACKFLOW PREVENTER (SPECIFIED BY OTHERS) TO MEET LOCAL CODE REQUIREMENTS: TO BE PROVIDED , BY INSTALLER.
2. REGULATE UPSTREAM PRESSURE TO A MAXIMUM OF 50 P.S.I FOR PROPER OPERATION. PROVIDE PRESSURE REGULATOR AS REQUIRED (BY INSTALLER) TO MAINTAIN PRESSURE RANGE.
3. MINIMUM PRESSURE REQUIRED TO OPERATE: 5 P.S.I

Model Number	Fill Line Pipe Size	Approximate Manual Fill Rate/50 PSI	Overall Length	Overall Height
WFS-075	3/4"	12 GPM	23-1/2"	12-1/2"
WFS-100	1"	25 GPM	23-1/2"	12-7/8"
WFS-150	1-1/2"	80 GPM	23-1/2"	12-1/2"
WFS-200	2"	120 GPM	23-1/2"	12-5/8"





Wall Mounted Overflow Drain & Sensor

CWL-002WD is a combined wall mounted overflow drain and water level sensor. The assembly allows for a flush mounted application of the system overflow standpipe and the water level sensor probe to be concealed behind a protective face plate. Typical use of the dual function sensor allows for automatic water fill valve control and low water pump shut off. Dimensions: 10" Diameter x 2 1/2" Projection

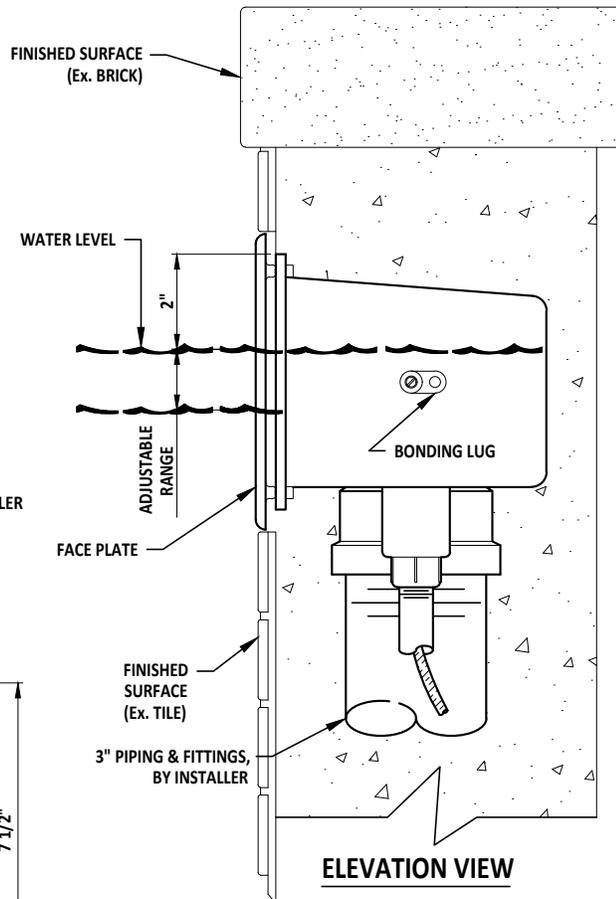
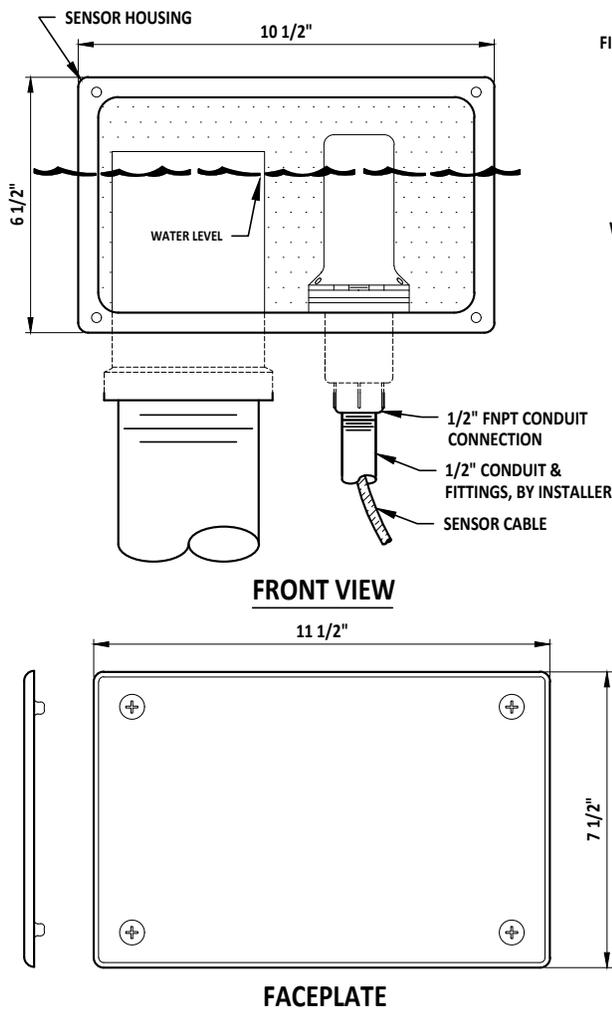
Specification:

CWL-002WD Wall Mounted Overflow / Sensor; consists of a flush cast-in wall housing with threaded conduit entry, adjustable sensor holder, adjustable standpipe overflow drain assembly and protective raised face plate. Adjustment range for both standpipe and sensor is 1/2". Includes 3" and 1/2" female threaded connections for the drain and sensor (100 feet of sensor cable included). Construction is cast bronze with a machined brass sensor holder and stainless steel fasteners. Finish is natural bronze and brass

Details

TECHNICAL NOTES:

- HOUSING MUST BE BONDED UTILIZING A #8 AWG SOLID COPPER WIRE.



Wall Mounted Water Level Sensor

CWL-002W is a wall mounted water level sensor. The assembly allows for a flush mounted application of the system water level sensor probe to be concealed behind a protective face plate. Typical use of the dual function sensor allows for automatic water fill valve control and low water pump shut off.



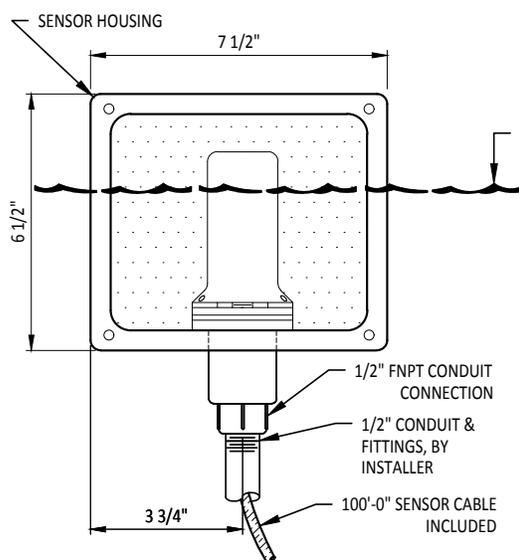
Specification:

CWL-002W Wall Mount Water Level Sensor, cast bronze housing with 1/2" threaded conduit connection. Includes (1) 1-1/2" sensor adjustability range, and cast bronze face plate. Included is dual function sensor with 100 feet of integral cable.

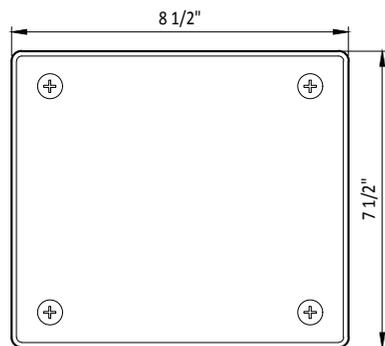
Details

TECHNICAL NOTES

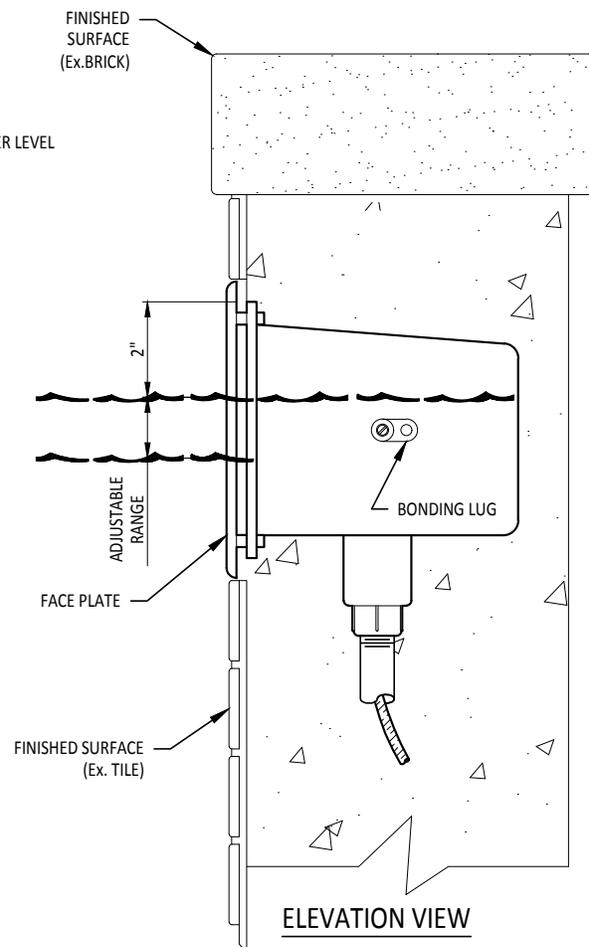
- HOUSING MUST BE BONDED UTILIZING A #8 AWG SOLID COPPER WIRE.



FRONT VIEW



FACEPLATE



Conduit Mounted Water Level Sensor

CWL-002C is a conduit mounted water level sensor. The assembly utilizes a low profile, vertical sensor assembly positioned at the operating water level. Typical use of the dual function sensor allows for automatic water fill valve control and low water pump shut off.



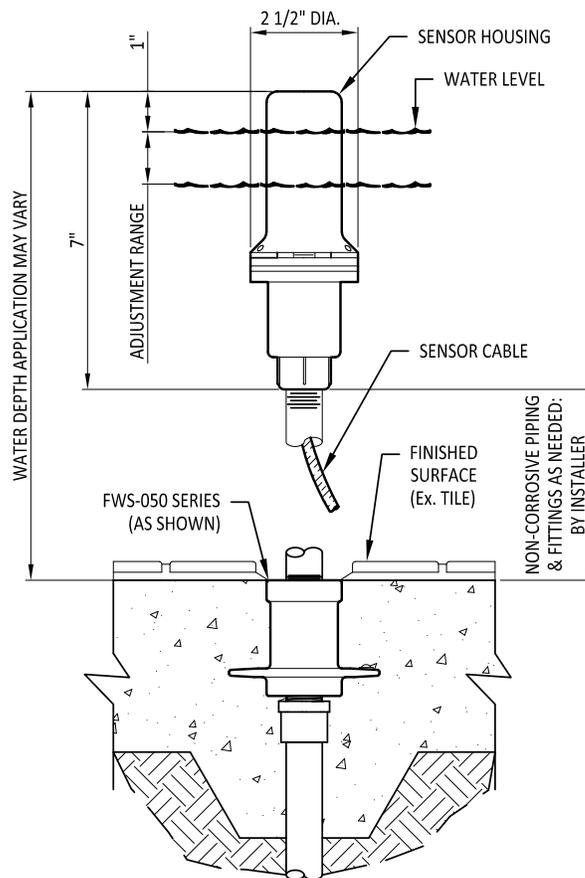
Specification:

CWL-002C Conduit Mount Water Level Sensor, cast bronze housing base with spun brass cover, dual function water level sensor with 100 feet of integral cable, 34" adjustability range. 12" female threaded conduit connection.

Details

TECHNICAL NOTES:

1. REQUIRES FWS-SERIES WATERSTOP PENETRATION. SEE CATALOG FOR FLUSH MOUNT.



ELEVATION VIEW

Water Level Probe

WLS-CG Series a compact and flexible level probe for measuring the level of conductive liquids, i.e overflow, dry run protection or pump control. A total measurements system consist of a multiple probe-head 1-5 electrodes and a control unit. The electrode length can be freely defined by means of electrode extension units - with or without isolation suitable for use in storage tanks, equalizer tanks, or reservoirs.

Specification:

WLS-CG Series, polypropylene head construction, 3 or 5 probe electrical connections, electrode are stainless steel, pipe thread 1-1/2", cable connection screw terminals.



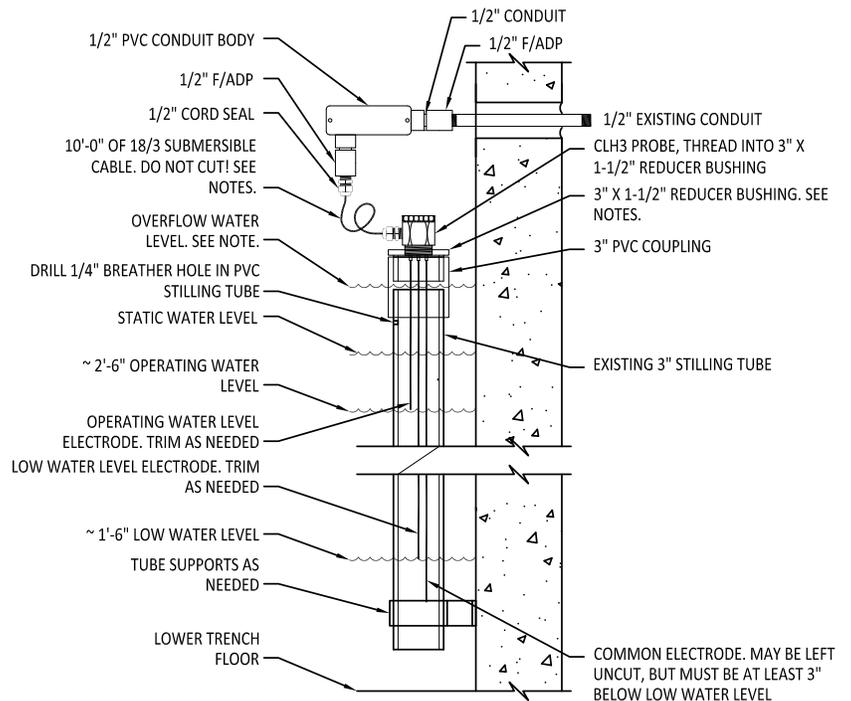
Details

TECHNICAL NOTES

- DO NOT CUT 18/3 CABLE FROM CONDUIT BODY TO CLH3 PROBE. CABLE ALLOWS FOR MAINTENANCE REMOVAL.
- DO NOT GLUE 3" X 1-1/2" REDUCER BUSHING! MUST BE REMOVABLE FOR SERVICING. GENTLY PRESSFIT INTO PLACE. (+/-1") IS ACCEPTABLE UPON EACH REMOVAL/REPLACEMENT.
- TRIM ELECTRODES TO LENGTH. TIP OF ELECTRODE IS ACTIVATION POINT.
- ALLOW SUFFICIENT CLEARANCE ABOVE CLH3 ASSEMBLY FOR REMOVAL.
- DO NOT ALLOW OVERFLOW WATER LEVEL TO EXCEED HEIGHT OF 3" COUPLING.

Model Number	Mounting Type	Conduit Connection	Primary Voltage	Probe Voltage	Probe Current
WLS-CG-3	3" PVC Riser	1 1/2"	120 VAC	5 VAC	2 mA Max
WLS-CG-5	5" PVC Riser	1 1/2"	120 VAC	5 VAC	2 mA Max

Warning: Do not run sensor cable in conduit with any other conductors.



PROFILE VIEW

WSM-1D Wind Speed Monitor & Control

WSM-1D Wind Speed Anemometer & Control is for fountain systems in which automatic adjustment to the spray effects spray is desired due to wind conditions. Depending on the type of controls and functionality designed, the spray effect may be reduced in height or the system may completely shut down.

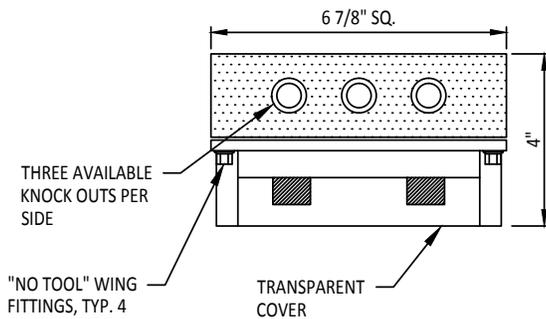


Specification:

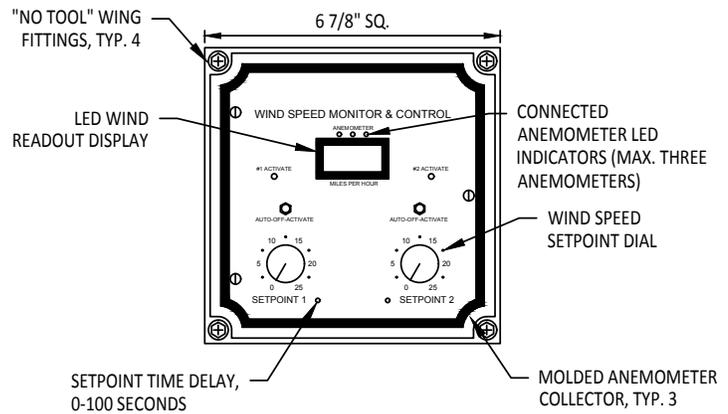
WSM-1D Wind Speed Monitor & Control; UL Listed adjustable wind speed velocity controller, includes solid state circuits, triple LED display, operational pilot lights, manual override switches, two independent output relays, 0-100 second time delay relays (one per set-point) housed in a NEMA 4 polycarbonate enclosure with "no tool required" removable transparent cover.

Details

Model Number	Power	# of Stages	Anemometer Speed Range	Set-point Range	Time Delay	# of Anemometers	Usage Options	Output Controls
WSM-1D	120/240VAC 3.5W MAX.	Two	0-120 MPH	0-25 MPH	0-100 Seconds/ Set-point	Up to Three	Reduce Spray Height via VFD/ Electric Valve or Pump Shut Off	8 A @ 24 VDC 1/2 HP @ 240V 10 A @ 240V



PLAN VIEW



ELEVATION VIEW

TECHNICAL NOTES:

1. 18/3 SHIELDED CABLE BY INSTALLER. MAXIMUM DEDICATED CONDUIT RUN 200' (FEET).
2. SPRAY EFFECT HEIGHT CONTROL REQUIRES ACTUATED VALVE OR VARIABLE FREQUENCY DRIVE (VFD). CONTACT FOUNTAIN PEOPLE FOR ENGINEERING OPTIONS AND RECOMMENDATIONS.
3. WIND CONTROLLER REQUIRES "AN-1D" ANEMOMETER
4. LOCATE WITHIN 200' (FEET) OF ANEMOMETER LOCATION

AN-1D Wind Anemometer

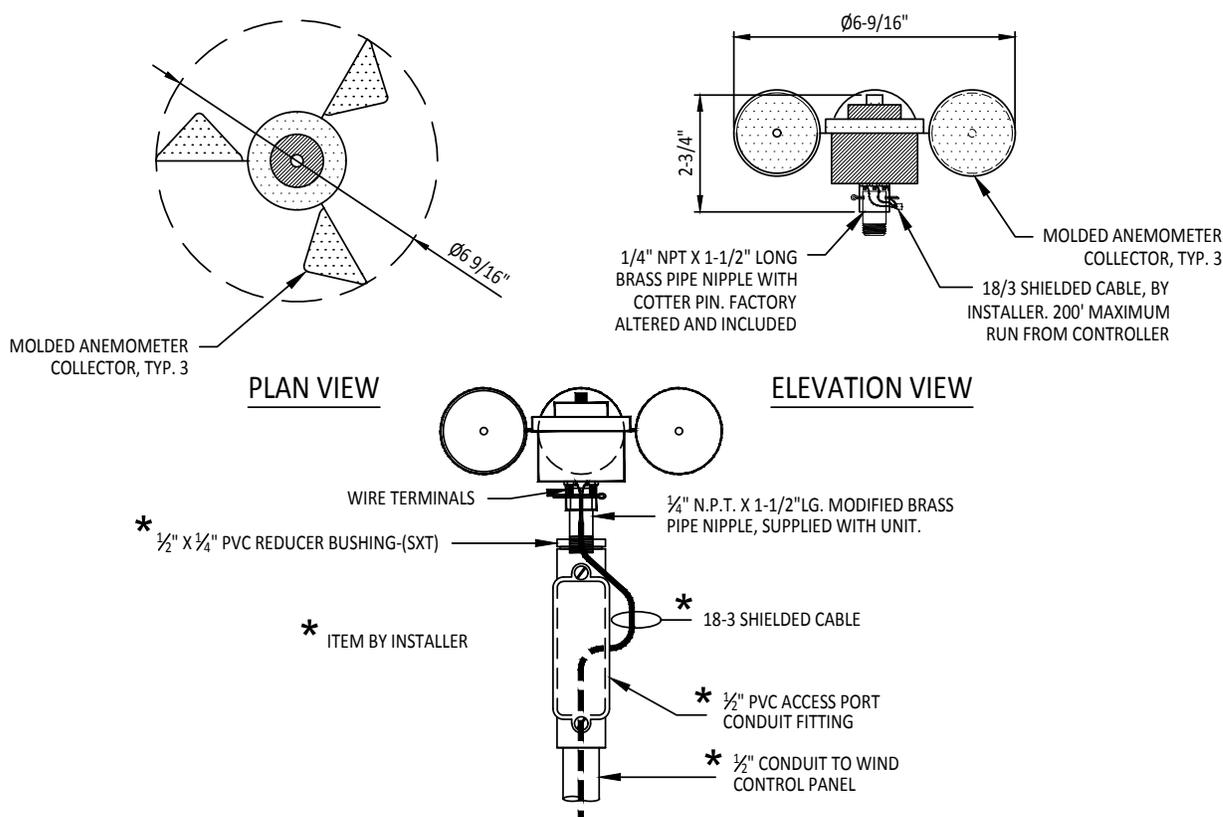
AN-1D Wind Anemometer is for fountain systems in which automatic adjustment to the spray effects spray is desired due to wind conditions. Depending on the type of controls and functionality designed, the spray effect may be reduced in height or the system may completely shut down.

Specification:

AN-1D Wind Speed Sensor, polycarbonate constructed 3-cup anemometer with UV inhibitors, beryllium copper shaft and Teflon bearings. Requires 18/3 shielded cable by installer.



Details



TECHNICAL NOTES:

1. 18/3 SHIELDED CABLE BY INSTALLER. MAXIMUM DEDICATED CONDUIT RUN 200' (FEET).
2. SPRAY EFFECT HEIGHT CONTROL REQUIRES ACTUATED VALVE OR VARIABLE FREQUENCY DRIVE (VFD). CONTACT FOUNTAIN PEOPLE FOR ENGINEERING OPTIONS AND RECOMMENDATIONS.
3. DO NOT MOUNT TO SIDE OF ROOF, BUILDING, AGAINST SIDE OF WALL, OR FENCE.
4. DO NOT RUN WIND CONTROL WIRING WITH ANY OTHER CONDUCTORS IN THE SAME CONDUIT.
5. CREATE STAND-OFF AND SIDE-MOUNT TO AVAILABLE LIGHTNING POLE, AS REQUIRED OR, TOP-MOUNT TO POLE AT APPROXIMATE MAXIMUM HEIGHT OF WATER DISPLAY.
6. INSTALL ANEMOMETER WITHIN 200' (FEET) OF WIND CONTROL PANEL IN AN OPEN AREA THAT WILL EXPERIENCE THE SAME WIND CURRENTS AS THE WATER FEATURE.
7. ANEMOMETER REQUIRES "WSM-1D" WIND CONTROLLER.
8. DESIGNED TO BE POSITIONED IN CLOSE PROXIMITY TO THE FOUNTAIN WITH DIRECT WIND ACCESS.

Water Chemistry Controller System

BECSYS3 Water Chemistry Control System is suitable for pools, spas, water parks, fountains, zoos and aquariums. It reduces the chemical usage, improves water quality and assures compliance.

Specification:

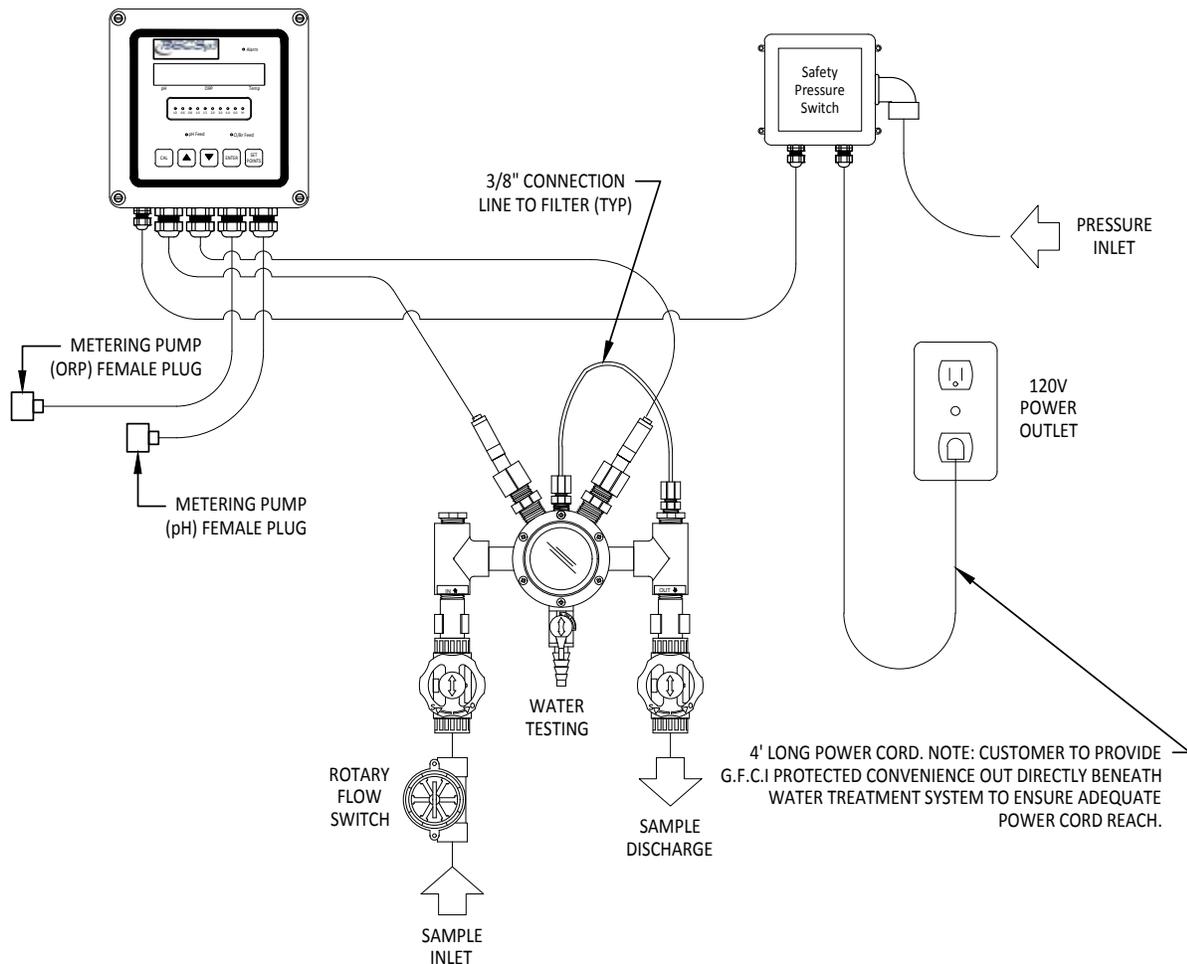
BECSYS3 Water Chemistry Control System, one-touch set point and calibration access, and a simple menu system for advance features, suitable for gas chlorine, sodium and calcium hypochlorite, bromine, and ozone applications.



Details

TECHNICAL NOTES

1. WE HIGHLY RECOMMEND THE PRESSURE-TO-PRESSURE METHOD OF PIPING WATER TREATMENT SYSTEMS INTO FILTRATION PIPING.



Water Chemistry Controller System

BECSYS5 Water Chemistry Control System provides continuous monitoring and control of sanitizers, oxidizers, pH, conductivity, turbidity, enzymes feed, system flow rate, system pressures, chemical inventory levels, and surge tank and backwash holding tank levels.

Specification:

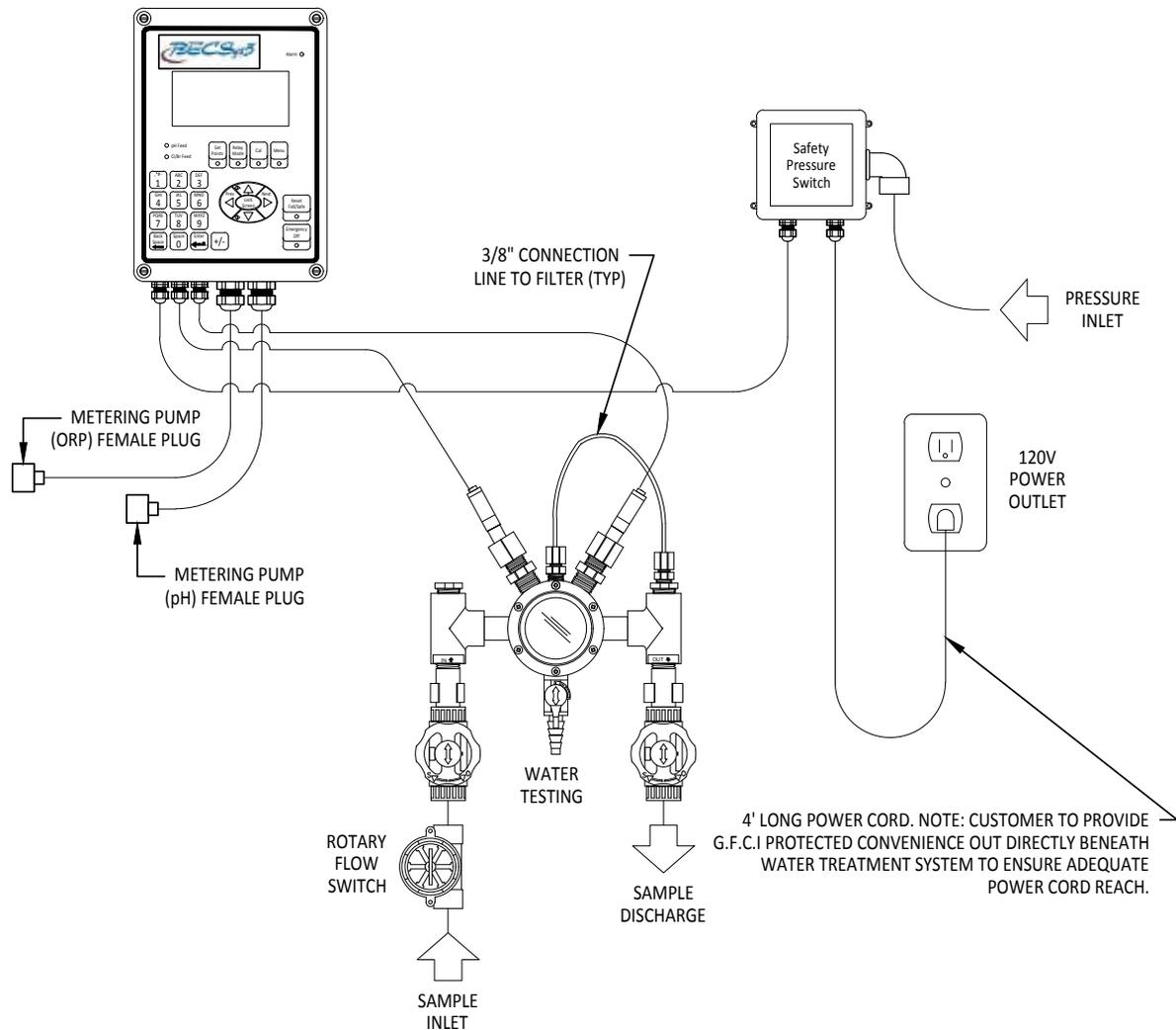
BECSYS5 Water Chemistry Control System, suitable for gas chlorine, sodium and calcium hydrochlorite, bromine, and ozone applications, programmable failsafe overfeed timers for all water chemistry control feeds.



Details

TECHNICAL NOTES:

1. WE HIGHLY RECOMMEND THE PRESSURE-TO-PRESSURE METHOD OF PIPING WATER TREATMENT SYSTEMS INTO FILTRATION PIPING.





PUMPS & FILTRATION

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PMP-EQ Series Commercial Display Pumps

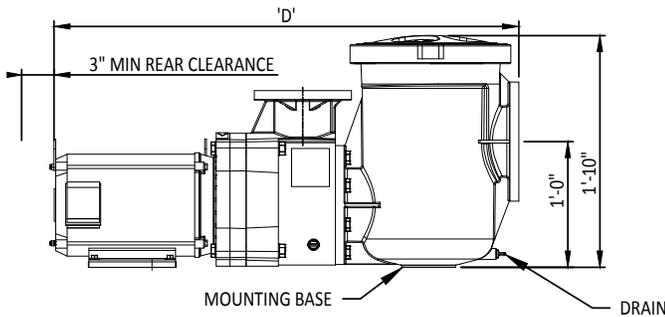
PMP-EQ Series pump is used for larger water features. The pump assembly is pre-tested at the factory for quality control reducing onsite installation coordination. The pumps are available in several motor sizes depending on the application. Consult Fountain People for specific feature requirements.



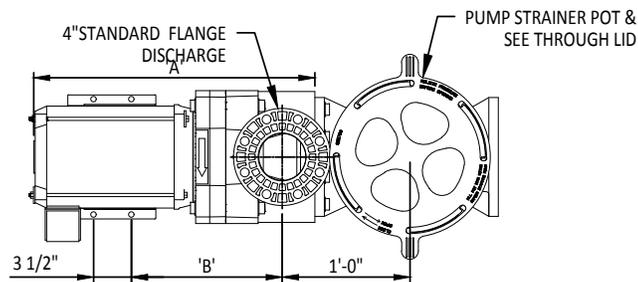
Specification:

PMP-EQ Series Commercial Plastic Pump; consists of a self-priming, commercial grade, non-corrosive all plastic pump with integral pot strainer and clear easily removable inspection/clean-out lid. Heavy-duty energy efficient totally enclosed fan cooled motor (TEFC), with stainless steel shaft, sealed bearings, 6" standard flange suction & 4" standard flange discharge connections. Three-phase standard. Single Phase also available.

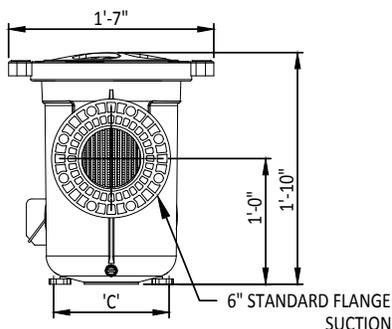
Details



ELEVATION VIEW



PLAN VIEW



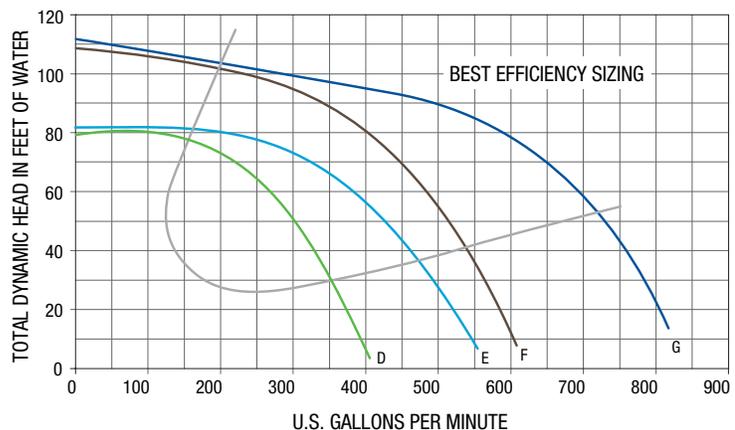
FRONT VIEW

TECHNICAL NOTES:

1. MINIMUM REAR CLEARANCE OF 3" REQUIRED FOR MOTOR MAINTENANCE AND REPAIR
2. PUMP MUST BE IN WELL VENTILATED LOCATION PROTECTED FROM EXCESSIVE MOISTURE, HEAT AND DIRT
3. INSPECT AND CLEAN PUMP STRAINER BASKET REGULARLY TO PREVENT FREEZE DAMAGE FOLLOW MANUFACTURER'S WINTERIZATION RECOMMENDATION

PUMP DIMENSIONAL DATA					
Model #	HP Rating	'A'	'B'	'C'	'D'
PMP-EQ-(K)-500	5	24.68"	10.16"	7.5"	41.65"
PMP-EQ-(K)-750	7 1/2	24.5"	28.06"	10.16"	45.12"
PMP-EQ-(K)-1000	10	29.81"	10.78"	8.5"	46.79"
PMP-EQ-(K)-1500	15	28.31"	10.78"	8.5"	45.29"

*MANUFACTURERS PUMP DIMENSIONS SHOWN. SUBJECT TO CHANGE.



PMP-WF Series Self-Priming Pumps

PMP-WF Series Self-Priming Pump is used for smaller water features or as a standalone filtration pump. The pumps are available in several motor sizes depending on the application along with single-phase and three-phase power options. Consult Fountain People for specific feature requirements.

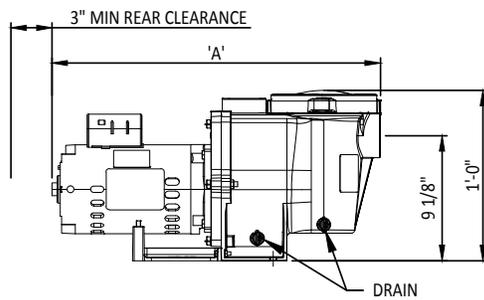


Specification:

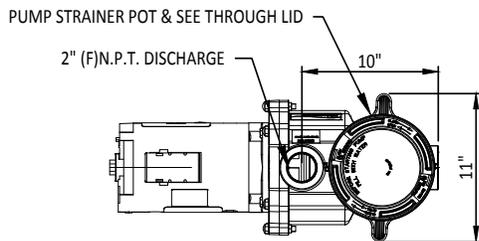
PMP-WF Series; consists of a thermoplastic self-priming pump with integral pot strainer and clear easily removable Lexan inspection/clean-out lid, and neoprene gasket. The energy efficient motor features stainless steel shaft, sealed bearings and durable commercial duty 56 frame motor. Available in single-phase (E) and three-phase (K).

Notes: Separate control panel or time clock panel required for operation.

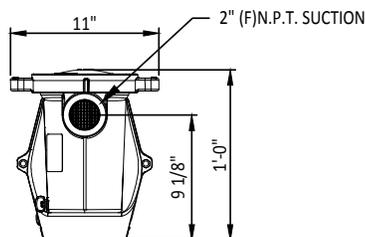
Details



ELEVATION VIEW



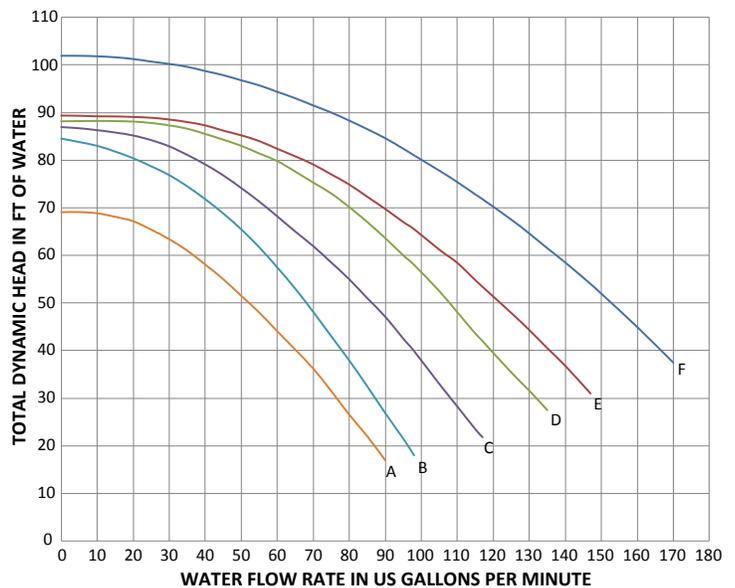
PLAN VIEW



FRONT VIEW

PUMP PLATFORM TECHNICAL REQUIREMENTS					
Model #		HP Rating	'A'	Power Requirements	
PMP-WF-E-050	A	1/2	24.61"	120/208-240V, 1Ø	
PMP-WF-E-075	B	3/4	24.61"	120/208-240V, 1Ø	
PMP-WF-(E/K)-100	C	1	24.86"	120/208-240V, 1Ø or 208/230/460V, 3Ø	
PMP-WF-(E/K)-150	D	1 1/2	25.36"	208-240V, 1Ø or 208/230/460V, 3Ø	
PMP-WF-(E/K)-200	E	2	25.86"	208-240V, 1Ø or 208/230/460V, 3Ø	
PMP-WF-(E/K)-300	F	3	25.86"	208-240V, 1Ø or 208/230/460V, 3Ø	

* (E) REFERS TO SINGLE-PHASE MOTOR OPTION, (K) REFERS TO THREE-PHASE OPTION



*MANUFACTURERS DATA SHOWN. SUBJECT TO CHANGE.

TECHNICAL NOTES:

1. MINIMUM REAR CLEARANCE OF 3" REQUIRED FOR MOTOR MAINTENANCE
2. PUMP MUST BE IN WELL VENTILATED LOCATION PROTECTED FROM EXCESSIVE MOISTURE, HEAT AND DIRT
3. INSPECT AND CLEAN PUMP STRAINER BASKET REGULARLY
4. TO PREVENT FREEZE DAMAGE FOLLOW MANUFACTURER'S WINTERIZATION RECOMMENDATION
5. FOR SELF PRIMING APPLICATIONS, THE SUCTION SIDE OF PUMP WILL REQUIRE A CHECK VALVE. CONSULT FOUNTAIN PEOPLE FOR SPECIFIC FEATURE REQUIREMENTS.

PMP-THP Series

PMP-THP Thermoplastic Pumps

PMP-THP Series self-priming pump is used for smaller to mid-size water features or as a standalone filtration pump. The pump assembly is pre-tested at the factory for quality control reducing onsite installation coordination. The pumps are available in several motor sizes and power options depending on the application. Consult Fountain People for specific feature requirements.

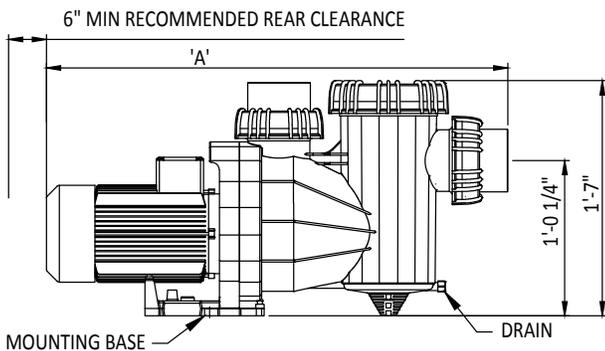


Specification:

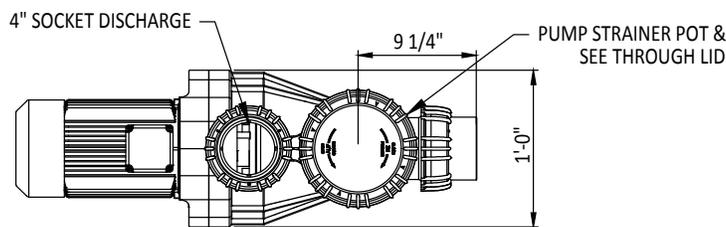
PMP-THP Series Self-Priming Pump; consists of one piece housing design with integral strainer basket and easy on/off lid, heavy-duty energy efficient totally enclosed fan cooled motor (TEFC), stainless steel shaft, sealed bearings, 4" suction/discharge with quick disconnect unions for easy installation/maintenance, union and lid wrench included. Available in single and three-phase.

Note: Separate control panel or time clock panel required for operation

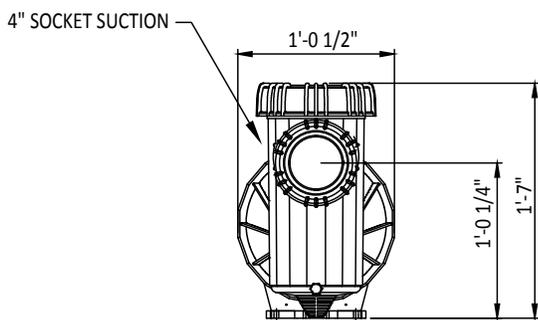
Details



ELEVATION VIEW



PLAN VIEW



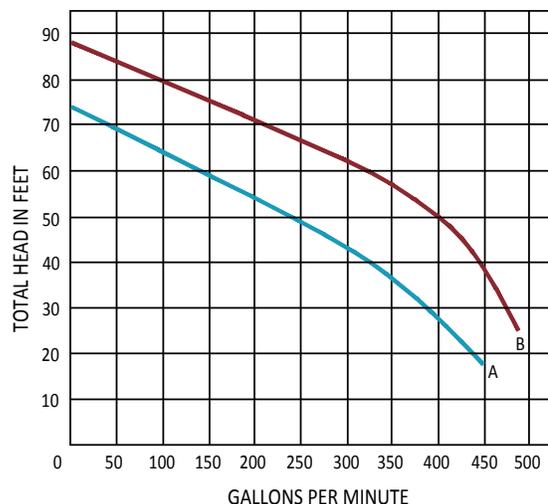
FRONT VIEW

TECHNICAL NOTES:

1. MINIMUM REAR CLEARANCE OF 3" REQUIRED FOR MOTOR MAINTENANCE AND REPAIR.
2. PUMP MUST BE IN WELL VENTILATED LOCATION PROTECTED FROM EXCESSIVE MOISTURE, HEAT, AND DIRT.
3. INSPECT AND CLEAN PUMP STRAINER BASKET REGULARLY.
4. TO PREVENT FREEZE DAMAGE, FOLLOW THE MANUFACTURER'S WINTERIZATION RECOMMENDATION.
5. FOR SELF-PRIMING APPLICATIONS, THE SUCTION SIDE OF THE PUMP WILL REQUIRE A CHECK VALVE. CONSULT FOUNTAIN PEOPLE FOR SPECIFIC FEATURE REQUIREMENTS.

PUMP TECHNICAL REQUIREMENTS				
Model #		HP Rating	'A'	Power Requirements
PMP-THP-(E) 500	A	5	36.5"	208-230V, 1 ϕ
PMP-THP-(K) 500	A	5	34"	208-230/460V, 3 ϕ
PMP-THP-(K) 750	B	7 1/2	36.5"	208-230/460V, 3 ϕ

* (E) REFERS TO SINGLE-PHASE MOTOR OPTION, (K) REFERS TO THREE-PHASE OPTION



*MANUFACTURERS DATA SHOWN. SUBJECT TO CHANGE.

PMP-BP Series Submersible Bronze Pumps

SUB-BP Series Submersible Bronze Pump is suitable for high flow, low pressure handling capability. Pump provides a high flow rate per watt for energy-efficient continuous operation, and is safe for fish and plants.

Specification:

SUB-BP Series Submersible Bronze Pump, all bronze and stainless steel construction, 1/3 to 1 HP units available in both 115V and 230V single phase.

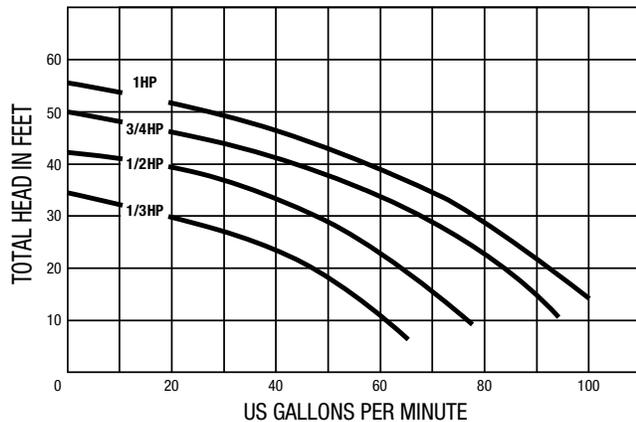


Details

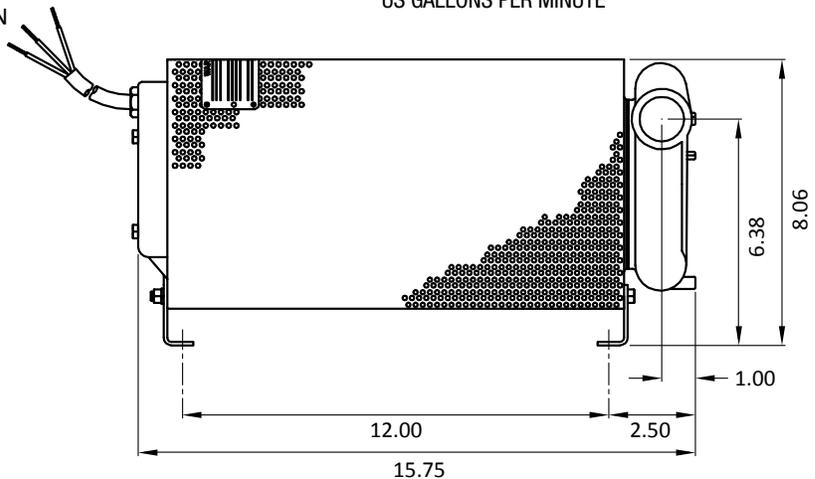
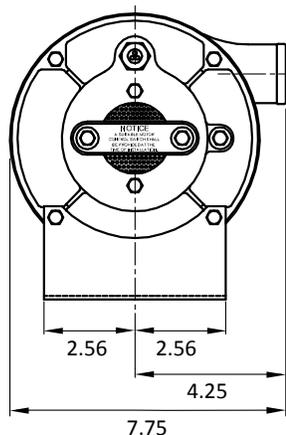
TECHNICAL NOTES:

1. THESE PUMPS ARE UL LISTED FOR PUMPING WATER. DO NOT USE TO PUMP FLAMMABLE LIQUIDS.
2. SPECIAL SUCTION CHAMBER KEEPS MOTOR 23 SUBMERGED AT ALL TIMES FOR COOL OPERATIONS. MODIFICATIONS MAY AFFECT "UL" LISTINGS.
3. INSTALLATIONS SUCH AS DECORATIVE FOUNTAINS OR WATER FEATURES PROVIDED FOR VISUAL ENJOYMENT MUST BE INSTALLED IN ACCORDANCE WITH THE NATIONAL ELECTRIC CODE ANSI/NFPA 70 AND/OR THE AUTHORITY HAVING JURISDICTION. THIS PUMP IS NOT INTENDED FOR USE IN SWIMMING POOLS, RECREATIONAL WATER PARKS, OR INSTALLATION IN WHICH HUMAN CONTACT WITH PUMPED MEDIA IS A COMMON OCCURRENCE.

Model Number	Horse Power	Voltage/Ph	Herz	RPM (Nom)	Full Load Amps
SUB-BP-033	1/3	115/1	60	3450	8
SUB-BP-050	1/2	115/1	60	3450	9.5
SUB-BP-075	3/4	115/1	60	3450	12
SUB-BP-100	1	230/1	60	3450	7



1.75" HOSE CONNECTION, DISCHARGE, 90 DEG. ROTATION



PMP-C Series Bronze Pumps

PMP-C Series Bronze Pump is a heavy-duty pump specifically designed for large pools, fountains, and water attractions that demand high flow rates and continuous operation. The C series is perfect for the toughest indoor or outdoor projects.



NOTES:

- AVAILABLE IN SINGLE AND THREE PHASE 50 AND 60 HZ MODELS.

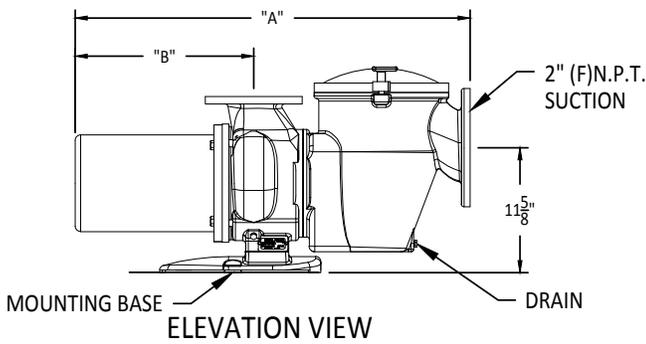
Specification:

PMP-C Series, bronze construction for strength and durability, stainless steel strainer basket with open area five times the area of the suction port, 6 inch suction and 4 inch discharge for maximum efficiency with strainer. Closed impeller for longer motor bearing life.

Details

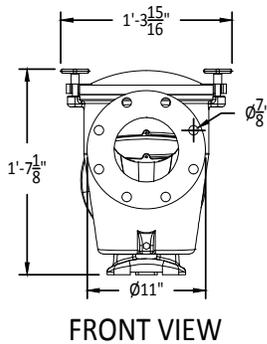
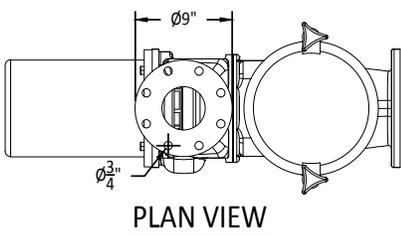
SITE TECHNICAL REQUIREMENTS:

1. MINIMUM REAR CLEARANCE OF 3" REQUIRED FOR MOTOR MAINTENANCE
2. PUMP MUST BE IN WELL VENTILATED LOCATION PROTECTED FROM EXCESSIVE MOISTURE, HEAT AND DIRT
3. INSPECT AND CLEAN PUMP STRAINER BASKET REGULARLY
4. TO PREVENT FREEZE DAMAGE FOLLOW MANUFACTURER'S WINTERIZATION RECOMMENDATION
5. FOR SELF PRIMING APPLICATIONS, THE SUCTION SIDE OF PUMP WILL REQUIRE A CHECK VALVE. CONSULT FOUNTAIN PEOPLE FOR SPECIFIC FEATURE REQUIREMENTS.

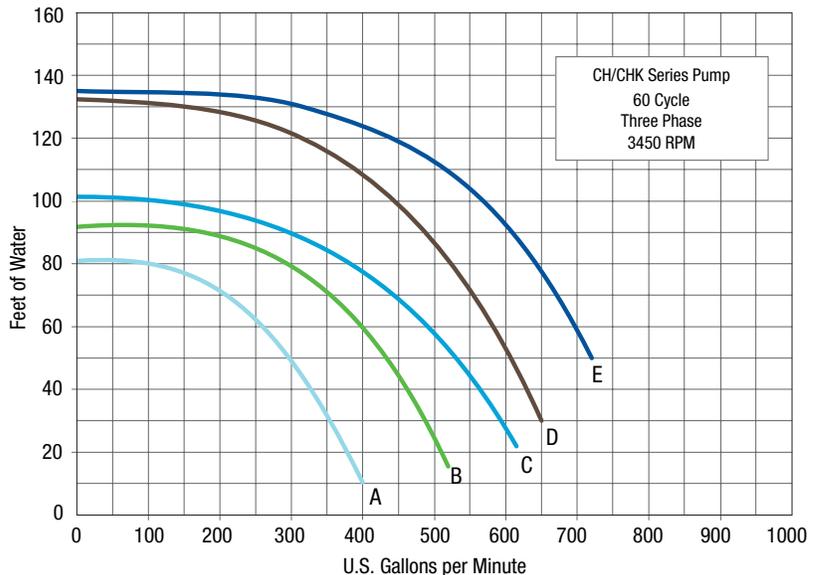


PUMP TECHNICAL REQUIREMENTS				
Model #	HP Rating	"A"	"B"	Power Requirements
PMP-C-(E/K)-500	5	35.50	20.50	200/230V (Only) Ø1
		34.88	19.50	220/400V (Only) Ø3
PMP-C-(E/K)-750	7 1/2	35.88	20.50	200/230V (Only) Ø1, 220/400V Ø3
PMP-C-(K)-1000	10	36.88	22.50	200/208V Ø3 220/440V Ø3
PMP-C-(K)-1500	15	37.38	22.00	200/208V Ø3 220/440V Ø3
PMP-C-(K)-1500	20	37.88	23.50	200/208V Ø3 220/440V Ø3

* (E) REFERS TO SINGLE-PHASE MOTOR OPTION, (K) REFERS TO THREE-PHASE OPTION



CH/CHK SERIES PUMP - 60HZ



*MANUFACTURERS DATA SHOWN. SUBJECT TO CHANGE.

Bromine/Chlorine In-Line Feeders

BF-CF-320-IL Bromine/Chlorine Feeder is designed primarily for use on new projects as well as in small existing fountains and reflective pools requiring algae and bacteria control. The pressure operated system in conjunction with a calibrated inlet valve, allows a constant measured chemical flow.

Specification:

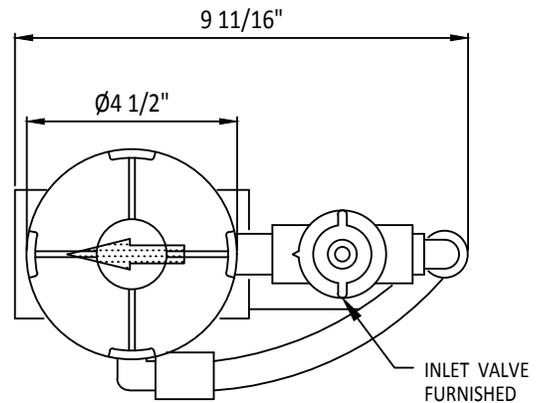
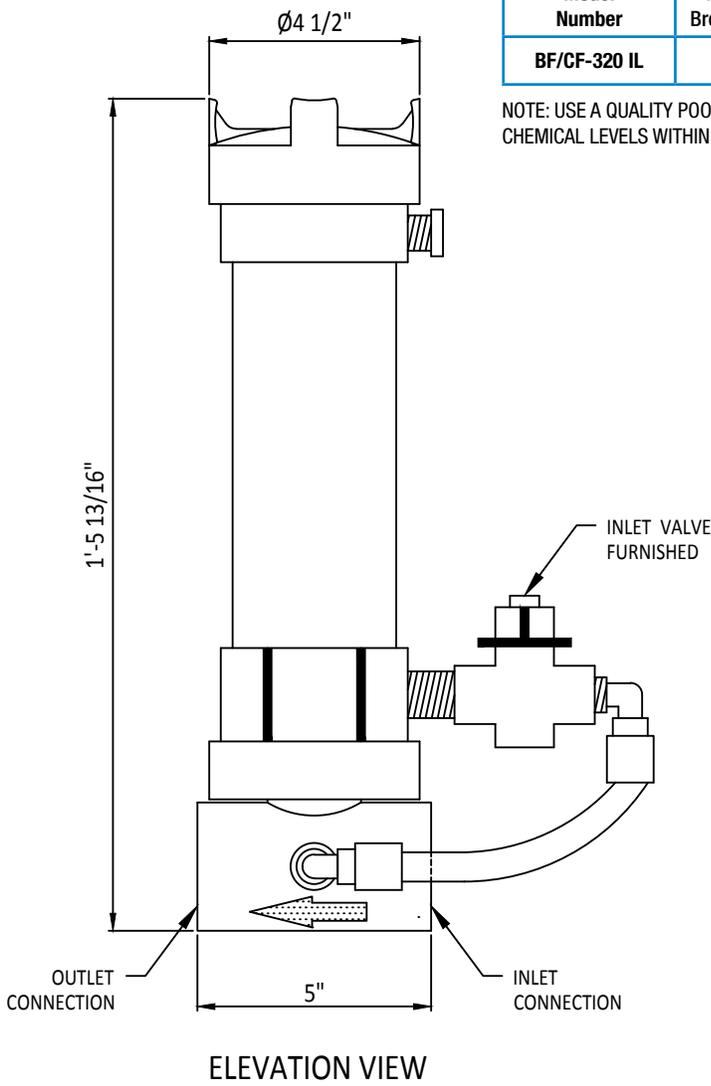
BF-CF-320-IL Bromine/Chlorine Feeder, sanitizer erosion tank of heavy wall plastic construction with threaded lid and "O"-ring, integral flow pick-up & manual metering valve. 1-1/2" or 2" PVC (socket) connections.



Details

Model Number	Pool Capacity Bromine/Chlorine	Tank Capacity Bromine/Chlorine	Max. Operating Pressure	Connections
BF/CF-320 IL	4K Max.	4 LBS.	50 PSI	(1½") - (2") PVC

NOTE: USE A QUALITY POOL TEST KIT ON A REGULAR BASIS TO MONITOR AND MAINTAIN SAFE CHEMICAL LEVELS WITHIN THE FOUNTAIN POOL.



BF Series

(Biological) Bead Filters

BF Series (Biological) Bead Filter is an efficient maintenance free system all contained in a small package. It can be used with a submersible pumps with ease. The blower aggressively agitates the debris collected in the media bed and suspends it in the water column which is easily backwashed to waste.

Specification:

BF Series (Biological) Bead Filter, 110V-120V 60Hz for Blower, Average Backwash 30 gallons, Pond size up to 30,000 gallons based on model selection.

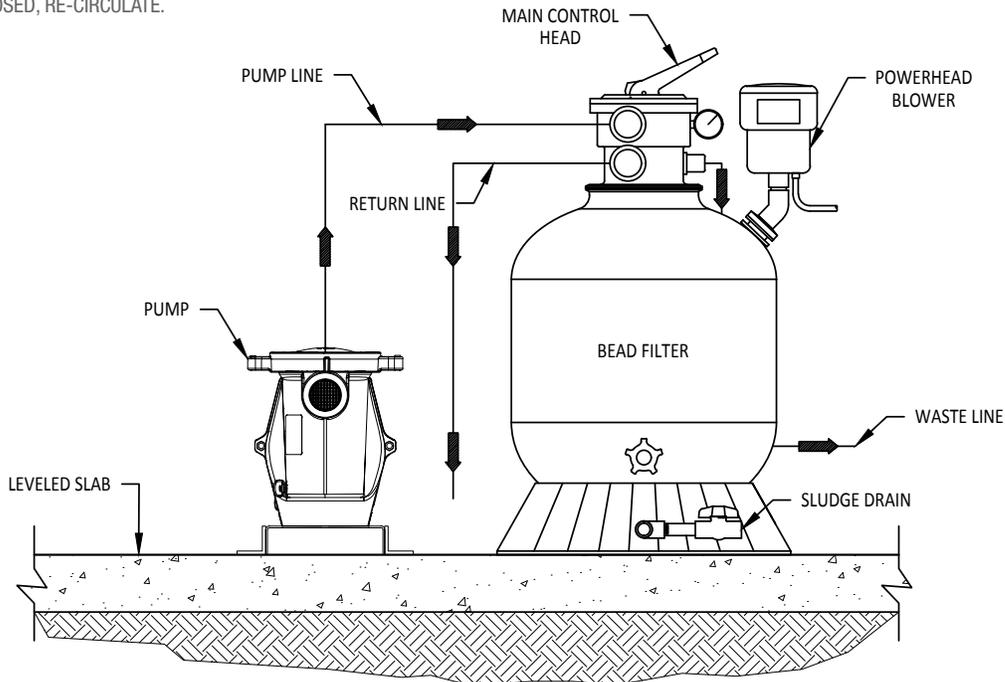


Details

TECHNICAL NOTES:

1. CORROSION-RESISTANT, ULTRAVIOLET RESISTANT, PRECISION MOLDED ONE-PIECE TANK.
2. PATENTED WATER DISTRIBUTION SYSTEM DIRECTS WATER EVENLY ACROSS THE ENTIRE SURFACE OF THE SAND.
3. ENGINEERED UNI-FLOW UNDER-DRAIN WITH SELF-CLEANING LATERALS DRAWS WATER EVENLY ACROSS THE FULL DIAMETER OF THE SAND BED. THIS ACCOMMODATES HIGH FLOW AND PROMOTES CLEANER FILTERING, HIGH CAPACITY CYCLES, AND MORE EFFICIENT BACKWASHING.
4. THERMOPLASTIC MANUAL MULTI-PORT DIAL VALVE WITH BUILT-IN AUTOMATIC AIR RELIEF AND PRESSURE GAUGE.
5. 6-WAY VALVE WITH POSITIONS. FILTER, BACKWASH, RINSE, WASTE, CLOSED, RE-CIRCULATE.

Model Number	Description
BF-1.1B	18" DIAMETER x 38" HEIGHT, FOR POOLS TO 4k GALLONS, UP TO 65 GPM
BF-4.4C	30" DIAMETER x 48" HEIGHT, FOR POOLS TO 15k GALLONS, UP TO 100 GPM
BF-8.8C	36" DIAMETER x 48" HEIGHT, FOR POOLS TO 30k GALLONS, UP TO 130 GPM



ELEVATION VIEW

SF Series Sand Filter Tanks with Multi-Port Valve

SF Series Sand Filter Tank is designed, engineered and fabricated for use in small to medium fountains and reflecting pools where filtration is required.

Specification:

SF Series Sand Filter Tank, High-Rate Sand Filter, corrosion resistant UV resistant, precision molded, one piece tank, patented water distribution system for even water flow over media bed, under-drain system with self-cleaning laterals, thermoplastic manual multi-port dial valve with built-in automatic air relief and pressure gauge, 2" connection and bottom mounted drain.



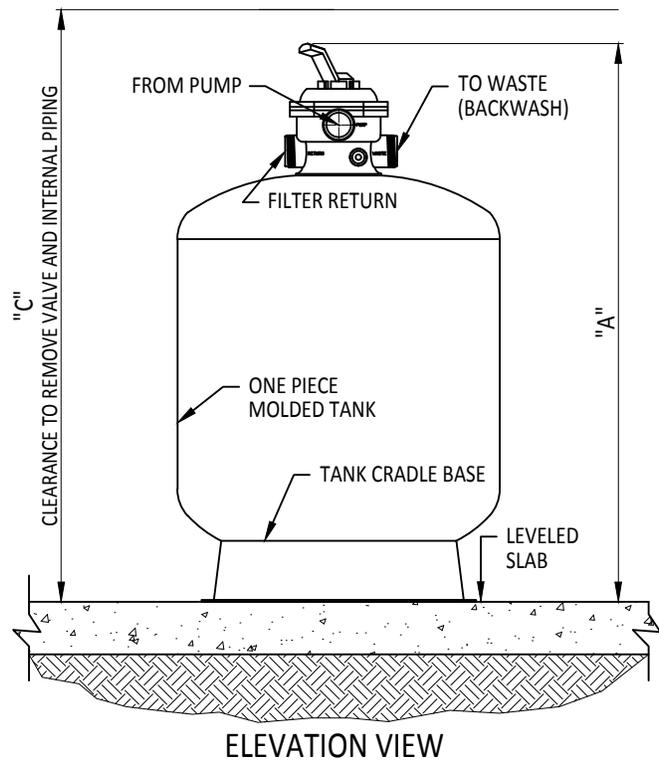
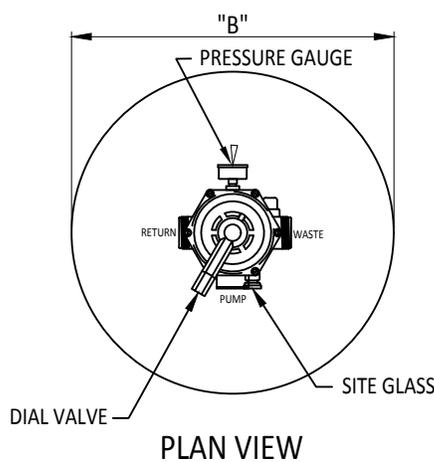
Details

TECHNICAL NOTES:

1. CORROSION-RESISTANT, ULTRAVIOLET RESISTANT, PRECISION MOLDED ONE-PIECE TANK.
2. PATENTED WATER DISTRIBUTION SYSTEM DIRECTS WATER EVENLY ACROSS THE ENTIRE SURFACE OF THE SAND.
3. ENGINEERED UNI-FLOW UNDER-DRAIN WITH SELF-CLEANING LATERALS DRAWS WATER EVENLY ACROSS THE FULL DIAMETER OF THE SAND BED. THIS ACCOMMODATES HIGH FLOW AND PROMOTES CLEANER FILTERING, HIGH CAPACITY CYCLES, AND MORE EFFICIENT BACKWASHING.
4. THERMOPLASTIC MANUAL MULTI-PORT DIAL VALVE WITH BUILT-IN AUTOMATIC AIR RELIEF AND PRESSURE GAUGE.
5. 6-WAY VALVE WITH POSITIONS. FILTER, BACKWASH, RINSE, WASTE, CLOSED, RE-CIRCULATE.

Model Number	Area (Sq. Ft.)	Flow Rate GPM	Dimensions			Multiport Connection	All Sand Required (LBS.)	Empty Tank Weight (LBS.)
			A	B	C			
SF-35	1.4	35	33½"	16½"	37"	2"	100	22
SF-40D	1.8	40	37"	19½"	47"	2"	175	30
SF-50D	2.3	50	39½"	21½"	51½"	2"	225	35
SF-60D	3.1	60	42½"	24½"	57"	2"	325	38
SF-100D	4.9	100	47¼"	30½"	65½"	2"	600	78

NOTE: RECOMMENDED SAND: #20 SILICA SAND (.40mm to .50mm effective size) NOT INCLUDED



Cartridge Filters (Thermoplastic Tank)

CF Series Cartridge Filter is fabricated for small to medium sized water features that require filtration including removal of smaller sized particles. The cartridge filters are available in several sizes depending on the application. Consult Fountain People for specific feature requirements.

Specification:

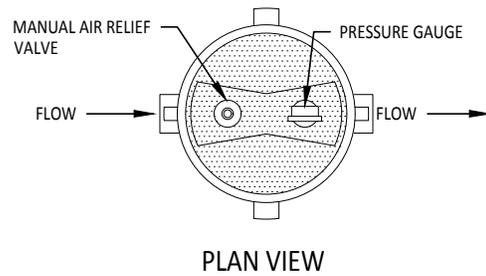
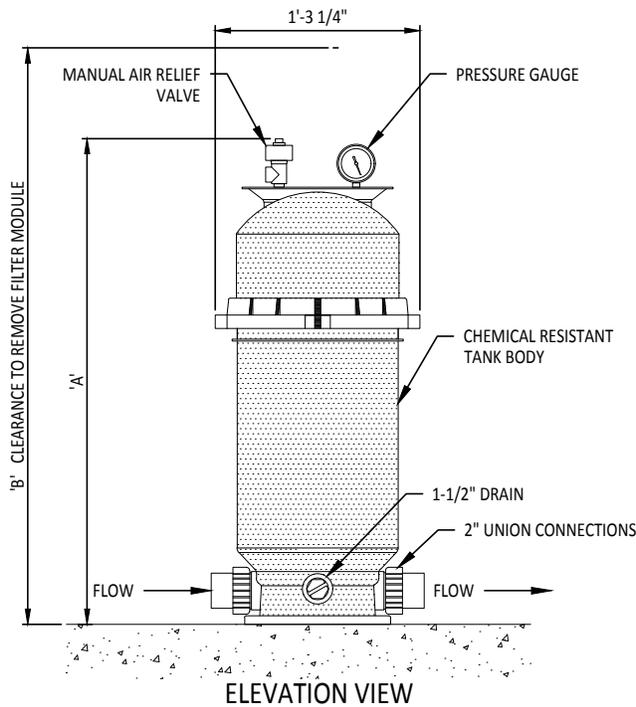
CF Series NSF Listed Cartridge Filter; consists of a single piece base, chemical resistant tank body, lock ring with spring loaded safety latches, integrated manual air relief valve, pressure gauge, 2" unionized connections and coreless cartridge for easy cleaning. Designed to require no tools for servicing.



Details

Model Number	Filtration Area (Sq. Ft.)	Flow Rate @ .375 Requirement GPM	Flow Rate Max. GPM	30-Min@.375/6-Hr. Turnover Capacity (GAL) Max.	Dimensions	
					A	B
CF-050	50	18	50	540/18,000	18"	30"
CF-075	75	28	75	840/27,000	25½"	39"
CF-100	100	37	100	1,100/36,000	33"	61"
CF-150	150	56	150	1,680/54,000	40½"	76"
CF-200	200	75	150**	2,250/54,000**	40½"	76"

*MANUFACTURERS DATA SHOWN. SUBJECT TO CHANGE.
** MAXIMUM FLOW RATE LIMITED BY MANUFACTURER.



TECHNICAL NOTES:

1. REFER TO MANUFACTURER'S RECOMMENDATION ON CLEANING FREQUENCY AND WINTERIZING PROCEDURE.
2. REPLACEMENT FILTER ELEMENTS AVAILABLE. INDICATE (E) AT THE END OF MODEL # FOR FILTER ELEMENT ONLY.

FPS-Series (Filter Pump Pads) Cartridge

FPS Series Filter Pump Pad Platform provides a pre-assembled pump and filter solution for smaller water features or as a standalone filtration system. The platform assembly is pre-tested at the factory for quality control and reduces onsite installation coordination. The platforms are available in several motor/filter combinations depending on the application. Consult Fountain People for specific feature requirements.

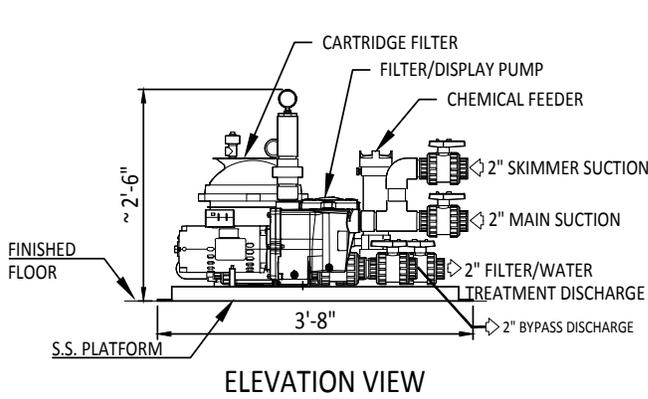


Specification:

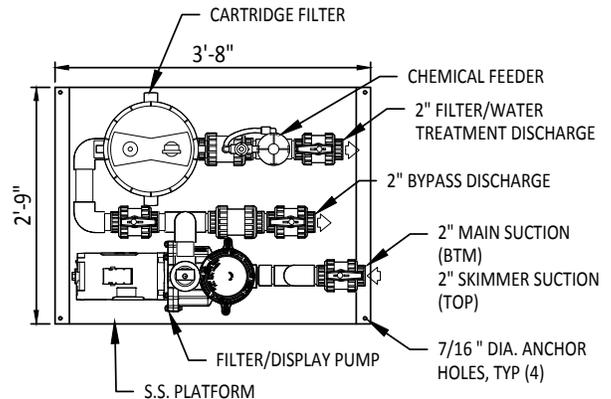
FPS Series Filter Pump Pad Platform; consists of a 7 gauge, Type 304 stainless steel platform approximately 33" W X 40" L X 4"H. Platform includes; WFP-Series thermoplastic pump with integral strainer, stainless steel shaft and sealed bearings; CCF Series cartridge filter with air relief valve and pressure gauge; platform is pre-assembled and factory tested with Schedule 80 PVC piping, fittings and includes all necessary union style throttling valves and check valves.

NOTES:
- SEPARATE CONTROL PANEL OR TIME CLOCK PANEL REQUIRED FOR OPERATION

Details



ELEVATION VIEW



PLAN VIEW

PUMP PLATFORM TECHNICAL REQUIREMENTS		
Model #	HP Rating	Power Requirements
FPS-100-050	1/2	120/208-240V, 1Ø
FPS-100-075	3/4	120/208-240V, 1Ø
FPS-100-100	1	120/208-240V, 1Ø or 208/230/460v, 3Ø
FPS-100-150	1 1/2	208-240V, 1Ø or 208/230/460v, 3Ø
FPS-100-200	2	208-240V, 1Ø or 208/230/460v, 3Ø
FPS-100-300	3	208-240V, 1Ø or 208/230/460v, 3Ø

PLATFORM OPTIONS:

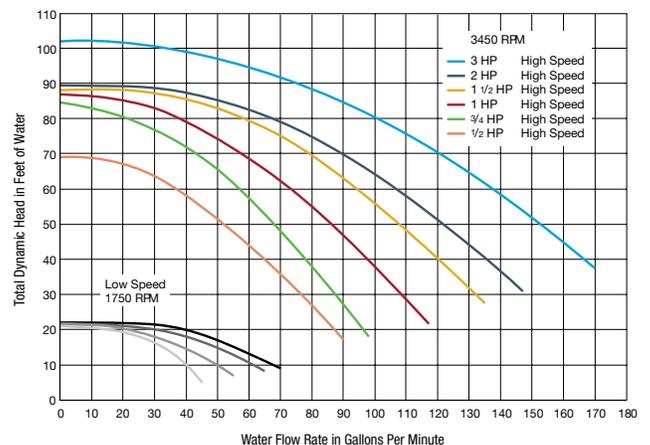
Platforms available with optional water treatment capabilities. Please add the following option code to model number above when selecting:

- add (-B) when requesting Bromine Tablet Feeder
- add (-UV) when requesting ultra violet sterilization
- add (-I) for ionization
- add (-WT) when requesting a full chemical controller.

SITE TECHNICAL REQUIREMENTS:

1. EQUIPMENT ROOM/SPACE MUST INCLUDE GRAVITY FLOOR SINK (MINIMUM) AND/OR SUMP PUMP (IF REQUIRED)
2. EQUIPMENT SPACE MUST BE VENTILATED AS FOLLOWS:
3. MINIMUM AIR TURNOVER RATE OF 5 CYCLES PER HOUR
4. AMBIENT AIR TEMPERATURE NOT TO EXCEED 104° F.
5. PROVIDE SUFFICIENT SPACE FOR MAINTENANCE ACCESS AROUND PLATFORM.
6. MAINTAIN NEC COMPLIANCE WHEN LOCATING PLATFORM.

PERFORMANCE CURVES



*MANUFACTURERS DATA SHOWN. SUBJECT TO CHANGE.

INOX-SB Series Stainless Steel Strainer Baskets

The INOX-SB Series Basket Strainer is used in fountain systems where straining of debris from the pool water is required before entering the display pump. The quick release lid design allows for ease of maintenance with minimum down time.

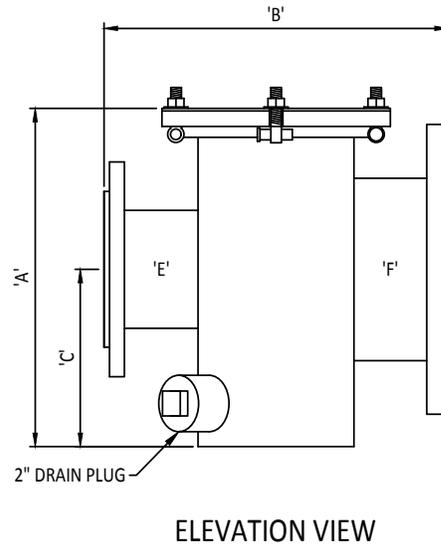
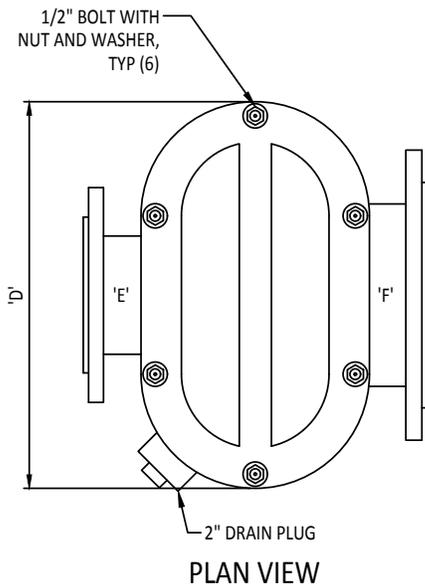
Specification:

INOX-SB Series Basket Strainer, all stainless steel body, stainless steel removable strainer basket, clear polycarbonate cover, stainless steel cover clamps, gauge taps, neoprene cover gasket, side threaded drain outlet, flange connections.



Details

Model Number	Screen Area	Basket Perforation	Operating Pressure	Dimensions				Flange Size	
				A	B	C	D	E	F
INOX-BS-8X5-SS	390 SQ. IN.	.125"	200 PSI	15¾"	16"	8¼"	18"	5"	8"
INOX-BS-8X6-SS	390 SQ. IN.	.125"	150 PSI	15¾"	16"	8¼"	18"	6"	8"
INOX-BS-8X8-SS	390 SQ. IN.	.125"	100 PSI	15¾"	16"	8¼"	18"	8"	8"
INOX-BS-10X8-SS	416 SQ. IN.	.125"	100 PSI	16¾"	16"	8¼"	18"	10"	8"
INOX-BS-10X10-SS	416 SQ. IN.	.125"	100 PSI	16¾"	16"	8¼"	18"	10"	10"



TECHNICAL NOTES:

1. ALL STRAINERS ARE MARKED WITH THE FLOW DIRECTION ON THE BODY AND MUST BE INSTALLED ACCORDINGLY.
2. PERIODICALLY CHECK STRAINER BASKET FOR DEBRIS AND REMOVE AND CLEAN AS NECESSARY.
3. PERIODICALLY CHECK GASKET FOR CRACKS OR EXCESSIVE WEAR AND REPLACE AS NECESSARY.
4. PROVIDE PROPER CLEARANCE ABOVE STRAINER TO REMOVE STRAINER BASKET.
5. DO NOT REMOVE LID WHILE PUMP IS IN OPERATION OR SERIOUS DAMAGE AND INJURY MAY RESULT.

HSBS Series Basket Strainers

HSBS Series Basket Strainer is recommended when pipeline system components (such as nozzles or solenoid valves) require fine screening. Unwanted particles are removed as the process media passes through a perforated strainer basket contained inside the strainer body.

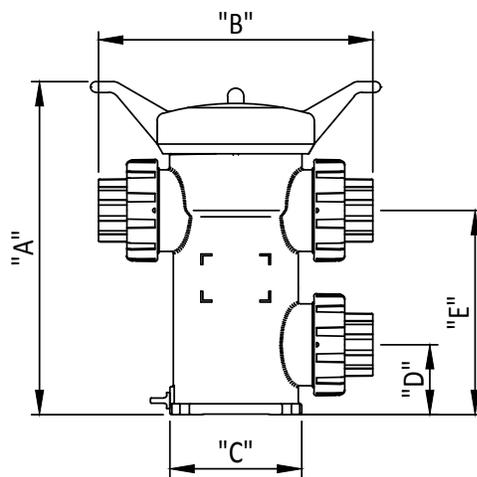
Specification:

HSBS Series Basket Strainer; PVC Body, ergonomic hand-removable cover, strainer made of PVC and include FPM seals. Threaded or Socket fittings available. 1/8" stainless steel mesh.

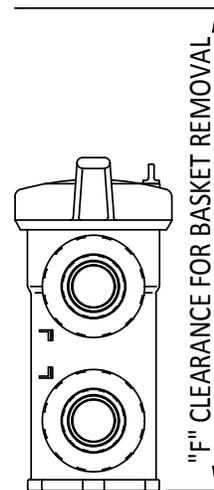


Details

Model Number	Pipe Size	Dimensions						Weight LBS.	Volume GAL.
		A	B	C	D	E	F		
HSBS-200	2"	15½"	12¾"	6⅞"	3¼"	9½"	26¼"	14	.70
HSBS-300	3"	22¼"	16½"	7¼"	4⅞"	14⅞"	37⅞"	28	2.80
HSBS-400	4"	22¼"	17¼"	7¼"	4⅞"	14⅞"	37⅞"	28	2.80
HSBS-600	6"	39"	22½"	18"	10⅞"	27¾"	56⅞"	60	6.80



ELEVATION VIEW



PROFILE VIEW

UV-ELPS HO Series

UV-ELPS HO Series Ultraviolet Sanitizers

UV-ELPS Series UV Sanitizer is engineered and designed for disinfection and dechloramination in semi-commercial pools & spas. The UV-ELPS Series UV Sanitizer is designed for flow rates from 79 GPM to 396 GPM and is ideal for aquatic facilities, fountains, splash pads, spas and therapy pools. The unit offers 24 hour disinfection at a low operating cost.

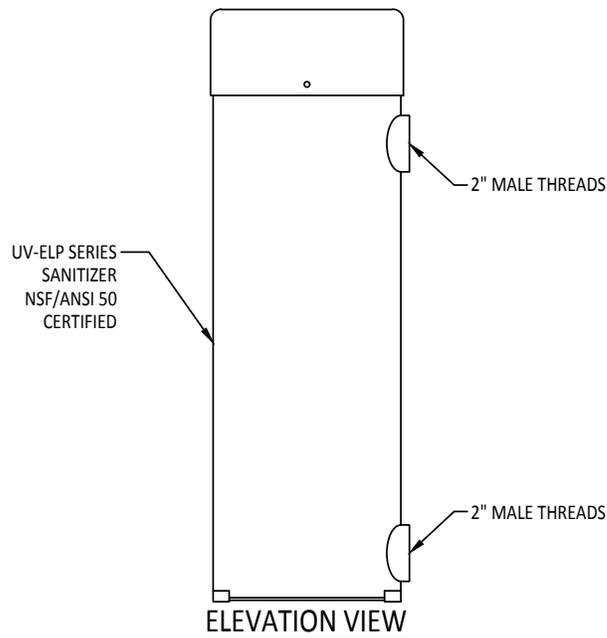
Specification:

UV-ELPS HO Series UV Sanitizer, mirror-polished stainless steel body construction, high output - low pressure 16,000 hour (2 year) UV lamp life, electronic ballasts providing maximum UV lamp efficiency and integrated control. Certified NSF/ANSI 50, power input 120-240V 50-60hz.



Details

Model Number	Acceptable Flow Rate GPM	Diameter of Chamber	Total Height	Inlet/Outlet	Pressure Max	UV Lamp Power	Power Supply	Material
UV-ELP38 HO	116	13.5"	39"	3"	50 psi	3 x 87W	120V/240V 50-60Hz	Stainless
UV-ELP48 HO	158	12.5"	39"	3"	50 psi	3 x 87W	120V/240V 50-60Hz	Stainless
UV-ELP58 HO	254	14.2"	39"	4"	50 psi	3 x 87W	120V/240V 50-60Hz	Stainless
UV-ELP68 HO	295	13.2"	39"	4"	50 psi	3 x 87W	120V/240V 50-60Hz	Stainless
UV-ELP78 HO	329	14.75"	39"	4"	50 psi	3 x 87W	120V/240V 50-60Hz	Stainless
UV-ELP610 HO	396	16"	39.6"	6"	50 psi	3 x 87W	120V/240V 50-60Hz	Stainless



UV-EP Series Ultraviolet Sanitizers

UV-EP Series UV Sanitizer is designed for use in swimming pools, fountains, water features, waterfall and fish ponds. The system offers a method to reduce or to eliminate chemicals in the water feature while still providing sanitation. The unit offers 24 hour disinfection at a low operating cost.

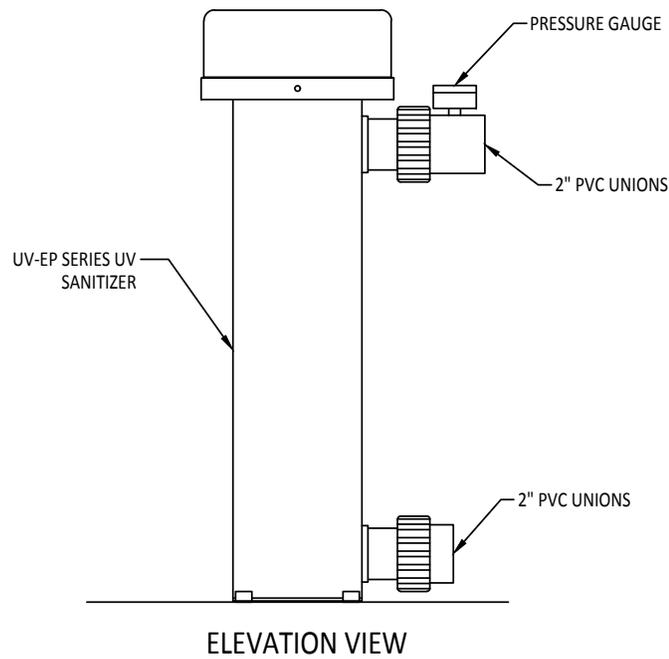
Specification:

UV-EP Series UV Sanitizer, mirror-polished stainless steel body construction, 16,000 hour (2 year) UV lamp life, single-base lamps and patented sealing system for an easy maintenance.



Details

Model Number	Max Pressure in use	Acceptable Flow Rate GPM	Diameter of Chamber	Total Height	Inlet/Outlet	Pressure Max	UV Lamp Power	Power Supply	Material
UV-EP-5	1600	26	6"	18"	2"	40 psi	30W	120V/240V 50-60Hz	Stainless
UV-EP-10	3200	35	6"	25"	2"	40 psi	58W	120V/240V 50-60Hz	Stainless
UV-EP-20	4200	70	6"	39"	2"	40 psi	80W	120V/240V 50-60Hz	Stainless
UV-EP-40	4800	80	6"	46"	2"	40 psi	90W	120V/240V 50-60Hz	Stainless



TRU-BV Series

TRU-BV Series True Union Ball Valves

TRU-BV Series True-Union PVC Ball Valves are designed for the use in fountain systems for isolation and flow regulation of nozzles and smaller diameter piping systems. The compact, streamlined design allows for ease of handling, installation and operation.

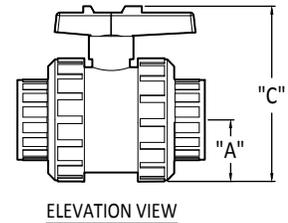
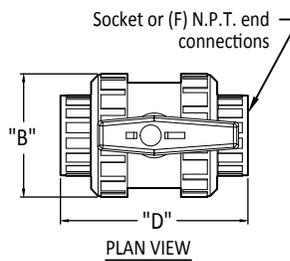


Specification:

TRU-BV Series True-Union PVC Ball Valves, featuring PVC Schedule 80 construction, full port ball, EPDM 'O' rings, Teflon ball seats, heavy stem with double 'O' - rings and Socket or (F) N.P.T. end connections.

Details

Model Number	NPT	Dimensions			
		A	B	C	D
TRU-BV-075	3/4"	1-1/4"	2-3/4"	3-3/8"	5-7/8"
TRU-BV-100	1"	1-3/8"	2-3/4"	4-3/4"	4-15/16"
TRU-BV-125	1-1/4"	1-5/8"	3"	5-1/4"	4-15/16"
TRU-BV-150	1-1/2"	2"	4"	6-3/8"	6-9/16"
TRU-BV-200	2"	2-3/8"	4-3/4"	7-3/8"	7-3/4"
TRU-BV-300	3"	3-3/4"	7-1/2"	10-1/8"	11-5/8"



BBV Series

Brass Ball Valves

The Brass Ball Valve is designed for use in water systems where flow regulation of nozzles and smaller diameter piping is required. Available in stainless steel.

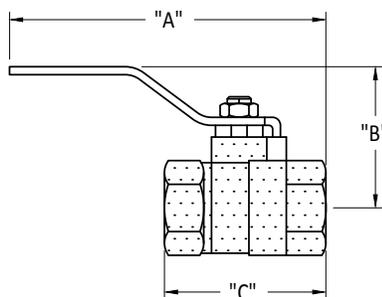


Specification:

TRU-BV Series True-Union PVC Ball Valves, featuring PVC Schedule 80 construction, full port ball, EPDM 'O' rings, Teflon ball seats, heavy stem with double 'O' - rings and Socket or (F) N.P.T. end connections.

Details

Model Number	NPT
BBV-050	1/2"
BBV-070	3/4"
BBV-100	1"
BBV-125	1-1/4"
BBV-150	1-1/2"
BBV-200	2"
BBV-300	3"
BBV-400	4"



BUT-V Series Butterfly Valves

BUT-V Series Butterfly Valves are designed for the use in fountain systems where throttling or isolation on the fountain display pump is required. The compact, lug style pattern design allows for ease of handling, installation and operation.

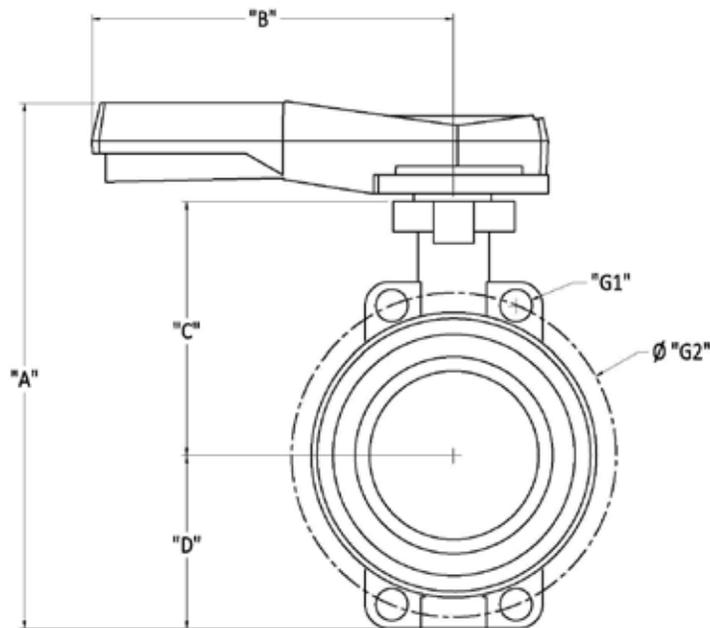
Specification:

BUT-V Series Butterfly Valves, lug style PVC body, 304 stainless steel shaft, EPDM seal, operational lever or gear option.

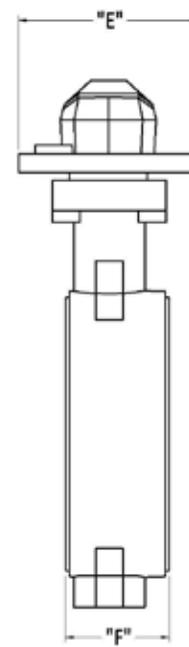


Details

Model Number	NPT	Dimensions (Inches)							
		A	B	C	D	E	F	G1	G2
BUT-V-300	3"	11-3/8	8	3-1/2	3-1/2	4-3/16	2	3/4	6
BUT-V-400	4"	12-3/8	8	4	4	4-3/16	2-1/4	3/4	7-1/2
BUT-V-600	6"	14-3/4	8	5-1/8	5-1/8	4-3/16	2-3/4	15/16	9-1/2
BUT-V-800	8"	17-1/8	16	6-1/4	6-1/4	5-1/2	2-7/8	7/8	11-3/4
BUT-V-1000	10"	21-7/8	16	8	8	5-7/8	4-7/16	1	14-1/4
BUT-V-1200	12"	23-1/2	16	9	9	5-7/8	4-7/16	1	17



BUTTERFLY VALVE



PROFILE VIEW

TRU-CHE Series

TRU-CHE Series (PVC Check Valve)

TRU-CHE Series PVC Check Valve are designed and manufactured for use in piping systems where a possibility of back-siphoning exists, primarily from an upper pool level to a lower pool elevation. Available in a standard sizes, they are installed on display and filter piping systems.

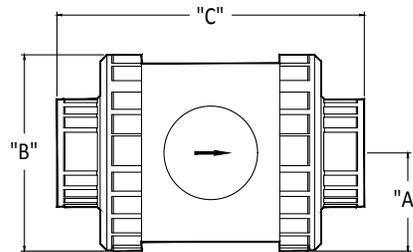


Specification:

TRU-CHE Series PVC Check Valve, PVC 'True-Union' Spring Check Valve, featuring PVC schedule 80 construction with EPDM 'O' ring, stainless steel compression spring, socket or threaded connections. Spring cracking pressure: 1 PSI

Details

Model Number	NPT	Dimensions (Inches)		
		A	B	C
TRU-CHE-075	3/4"	1-1/4"	2-3/4"	5-7/8"
TRU-CHE-100	1"	1-3/8"	2-3/4"	4-15/16"
TRU-CHE-125	1-1/4"	1-5/8"	3"	4-15/16"
TRU-CHE-150	1-1/2"	2"	4"	6-9/16"
TRU-CHE-200	2"	2-3/8"	4-3/4"	7-3/4"
TRU-CHE-300	3"	3-3/4"	7-1/2"	11-3/4"



SFV Series

SFV Series Slow Close Solenoid Fill Valve

SFV Series Slow Close Solenoid Fill Valve is simple, easy to clean and maintain. The SFV Series valves for liquids and gases cover most industrial and laboratory applications.

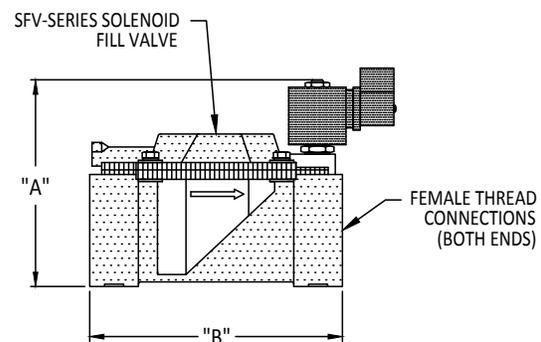


Specification:

SFV-Series Slow Close Solenoid Fill Valve, die cast brass construction with female threaded connections. 120 volt solenoid is standard, valves are available with interchangeable coils for both AC and DC voltage. Solenoid is Underwriters Laboratories recognized.

Details

Model Number	NPT	Dimensions (Inches)			Max. Flow GPM
		A	B	C	
SFV-075	3/4"	3-1/2"	3"	4-1/2"	12
SFV-100	1"	4"	3"	5"	25
SFV-150	1-1/2"	5"	3-1/2"	5-3/4"	80
SFV-200	2"	6"	5"	6"	150



CHE-VW Series

CHE-VW Series Wafer Check Valve

CHE-VW Series Check Valve Wafer style are designed for use in fountain systems where reverse flow regulation is required. Their wafer pattern design allows for ease of handling, installation and operation.

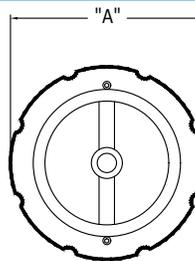
Specification:

CHE-VW Series Check Valve Wafer style, spring-loaded type silent check valve with semi-steel body and bronze disc construction with BUNA-N seat.

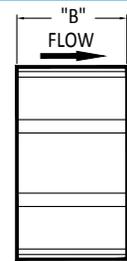


Details

Model Number	NPT	Dimensions (Inches)		
		A	B	C
TRU-CHE-075	3/4"	1-1/4"	2-3/4"	5-7/8"
TRU-CHE-100	1"	1-3/8"	2-3/4"	4-15/16"
TRU-CHE-125	1-1/4"	1-5/8"	3"	4-15/16"
TRU-CHE-150	1-1/2"	2"	4"	6-9/16"
TRU-CHE-200	2"	2-3/8"	4-3/4"	7-3/4"
TRU-CHE-300	3"	3-3/4"	7-1/2"	11-3/4"



BUTTERFLY VALVE



PROFILE VIEW

LPG Series

LPG Series Liquid Pressure Gauge

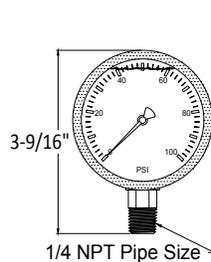
LPG-Series Liquid Pressure Gauge is a simple display device for industrial and commercial applications. The general industrial pressure gauge can be used as a vacuum gauge, air pressure gauge, PSI pressure gauge, hydraulic pressure gauge, or for many other applications.

Specification:

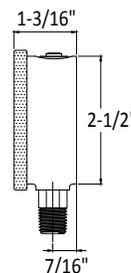
LPG-Series Liquid Pressure Gauge; standard liquid filled pressure gauge featuring 100 PSI pressure range, durable stainless steel case, acrylic window, bronze bourdon tube, 1/4" N.P.T. brass bottom connection, 3-2-3% accuracy, glycerin filled case, patented spring suspended movement.



Details



1/4 NPT Pipe Size



7/16"



Photo by: OLIN Studio

VAULTS & RESERVOIRS

DBVA Series Direct Burial Vaults : 134

DBVB Series Direct Burial Vaults : 135

PFV Series Direct Burial Vaults : 136

FOG Series Fog Pump Vault System : 137

LPST Series Poly Water Storage Tank : 138

Fiberglass Reservoirs : 139

DPH Series Diamond Plate Vault Hatchway : 140

TSH Series Tile Set Vault Hatchway : 141

DBVA Series Engineered Direct Burial Vault System

DBVA Series Direct Burial Vault System provides a fully-engineered, pre-fabricated, underground enclosure for the fountain pumping, filtration and electrical controls. The vault may utilize a landscape, tile set or diamond plate access hatch.

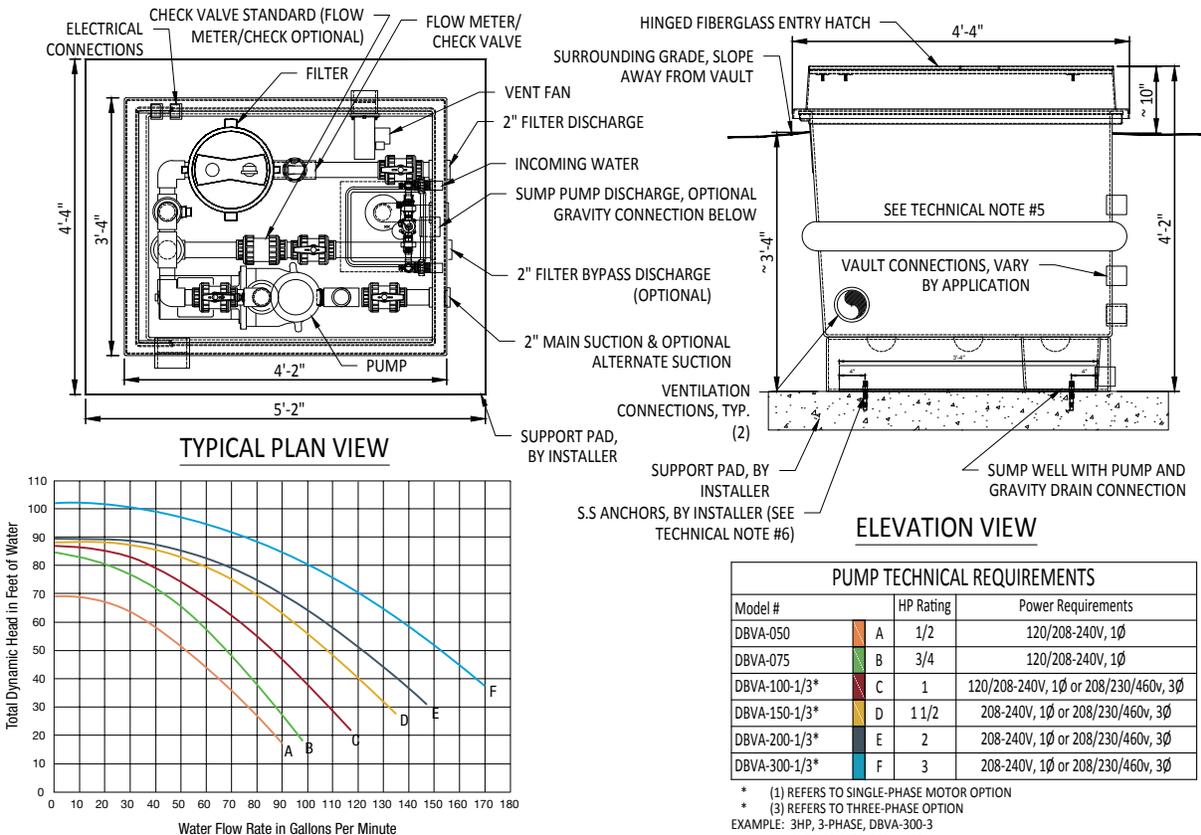


NOTE: Flush mounted tile set and diamond plate entry hatch options available. Depth requirements may vary. Contact Fountain People

Specification:

DBVA Series In-Ground Vault System, fully pre-assembled (SCH 80 PVC) and tested; composed of a 4'-2" L x 3'-4" W x 4'-2" D heavy duty fiberglass reinforced plastic (FRP) vault with white gel-coat interior and light gray gel-coat exterior, FRP access cover (green) with stainless steel hinge attachment, locking hardware tab (lock not included), containing a self-priming pump with integrated strainer basket; cartridge filter unit; water fill station assembly (if applicable), check valve(s) or combination flow meter/check valve option, 3" vent connections with ventilation fan; integral sump well and available 2" gravity drain connection; automatic submersible sump pump (if applicable) U.L. 508 listed control panel, (NEMA 4) includes: main disconnect switch; pump motor starter with circuit breaker (single phase application), motor starter with adjustable, solid-state motor protector (three phase applications), 24/7 two-channel programmable time clock for pump and (lights if applicable). Note: GFCI breakers and water level/low level cutoff control circuitry included (if applicable); H.O.A. switches with illumination indication and labeling.

Details



TECHNICAL NOTES:

1. VAULT MUST BE INSTALLED AT, OR BELOW THE OPERATING WATER LEVEL OF THE LOWEST POOL BASIN.
2. SURROUNDING GRADE MUST SLOPE AWAY FROM THE VAULT AND HATCH ENTRY.
3. VAULT DRAIN CONNECTIONS ARE TYPICALLY CONNECTED TO SANITARY SEWER. VERIFY LOCAL REQUIREMENTS.
4. VAULT MUST BE BONDED UTILIZING A #8 AWG SOLID COPPER WIRE
5. VAULT DESIGNED FOR "DRY" INSTALLATION. CONSULT CIVIL FOR GROUND WATER CONDITIONS.
6. 1/2"-13 X 4", STUD ANCHOR; 1/2" X 1-1/4" OD FLAT WASHER; 1/2" HEX NUT; 1/2" SPLIT LOCK WASHER (QTY. 4 EACH, 18-8 OR 316 STAINLESS STEEL).
 ** HEX NUT & LOCK WASHER MAY BE SUBSTITUTED FOR STAINLESS STEEL HEX NUT WITH NYLON LOCKING INSERT.

DBVB Series Engineered Direct Burial Vault System

DBVB Series Direct Burial Vault System provides a pre-fabricated, underground enclosure for the fountain pumping, filtration and electrical controls. The vault may utilize a landscape, tile set or diamond plate access hatch.

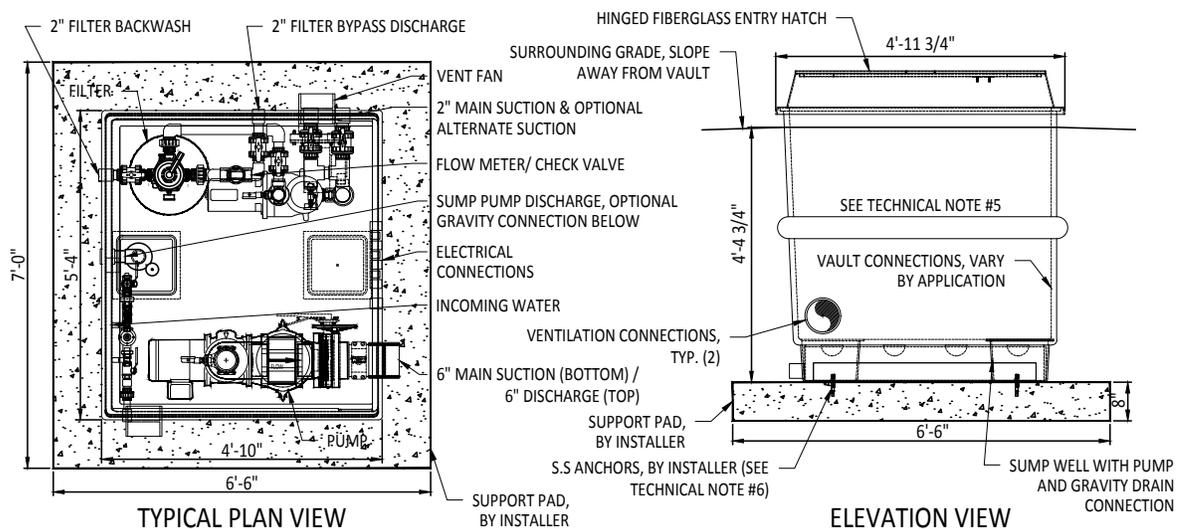
Specification:

DBVB Series In-Ground Vault System, fully pre-assembled (SCH 80 PVC) and tested; composed of a 5'-4" L x 4'-10" W x 4'-9" D heavy duty fiberglass reinforced plastic (FRP) vault with white gel-coat interior and light gray gel-coat exterior, FRP access cover (green) with stainless steel hinge attachment, locking hardware tab (lock not included), containing a self-priming filter pump with integrated strainer basket; cartridge filter unit display pump; water fill station assembly (if applicable), check valve(s) or combination flow meter/check valve option, 6" vent connections with ventilation fan; integral sump well and available 2" gravity drain connection; automatic submersible sump pump; U.L. 508 listed control panel, (NEMA 4) includes: main disconnect switch; pump motor starter with circuit breaker (single phase application), motor starter with adjustable, solid-state motor protector (three phase applications), 24/7 two-channel programmable time clock for pump and (lights if applicable). Note: GFCI breakers and water level/low level cutoff control circuitry included if applicable; H.O.A. switches with illumination indication and labeling.



Details

Model Number	Display Pump Horsepower	Display Pump Flow Rate GPM/FT. HD.	Sand Filter Pump Horsepower	Sand Filter Capacity
DBVB-300-SF	3	175@30'	1/2	1.4 SQFT/35 GPM
DBVB-500-SF	5	350@30'	1/2	1.8 SQFT/40 GPM
DBVB-750-SF	7.5	475@35'	3/4	2.3 SQFT/50 GPM
DBVB-1000-SF	10	500@35'	1	3.1 SQFT/60 GPM



TECHNICAL NOTES:

1. VAULT MUST BE INSTALLED AT, OR BELOW THE OPERATING WATER LEVEL OF THE LOWEST POOL BASIN.
 2. SURROUNDING GRADE MUST SLOPE AWAY FROM THE VAULT AND HATCH ENTRY.
 3. VAULT DRAIN CONNECTIONS ARE TYPICALLY CONNECTED TO SANITARY SEWER. VERIFY LOCAL REQUIREMENTS.
 4. VAULT MUST BE BONDED UTILIZING A #8 AWG SOLID COPPER WIRE
 5. VAULT DESIGNED FOR "DRY" INSTALLATION. CONSULT CIVIL FOR GROUND WATER CONDITIONS.
 6. 1/2"-13 X 4", STUD ANCHOR; 1/2" X 1-1/4" OD FLAT WASHER; 1/2" HEX NUT; 1/2" SPLIT LOCK WASHER (QTY. 4 EACH, 18-8 OR 316 STAINLESS STEEL).
- ** HEX NUT & LOCK WASHER MAY BE SUBSTITUTED FOR STAINLESS STEEL HEX NUT WITH NYLON LOCKING INSERT.

Fiberglass Vaults

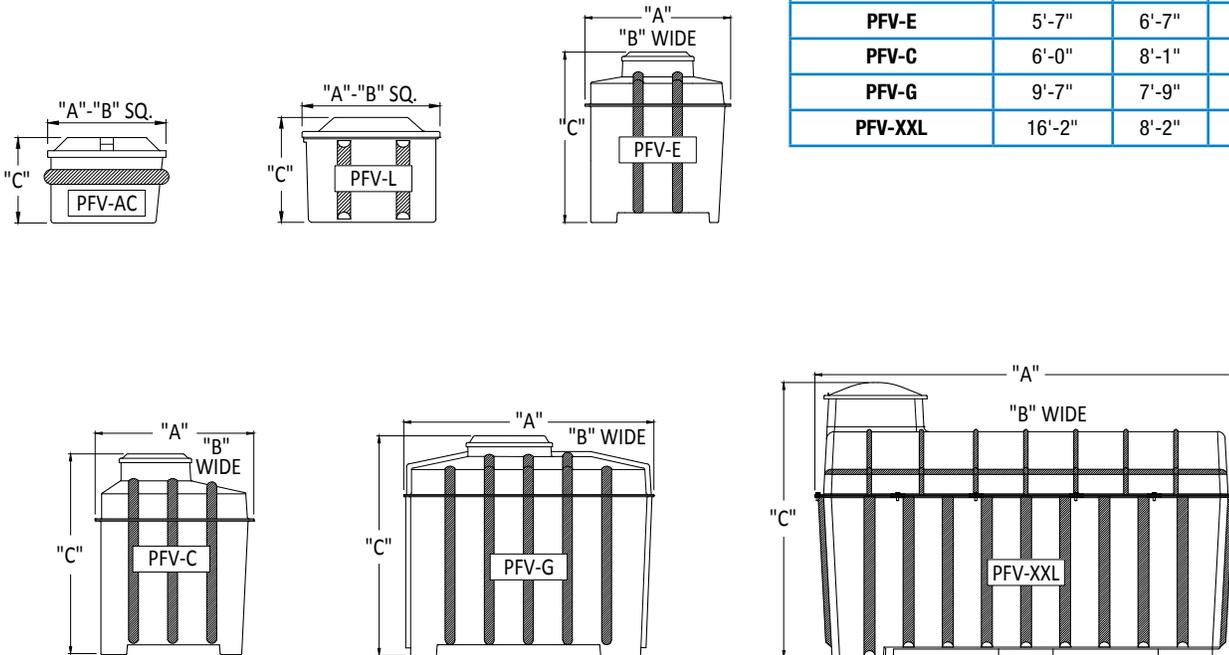
PFV Series Direct Burial Vault System provides a pre-fabricated, underground enclosure for the fountain pumping, filtration and electrical controls. The vault may utilize a landscape, tile set or diamond plate access hatch. Contact Fountain People on vault sizing for required equipment.



Specification:

PFV Series In-Ground Vault System, fully pre-assembled (SCH 80 PVC) and tested; composed of a heavy duty fiberglass reinforced plastic (FRP) vault with white gel-coat interior and light gray gel-coat exterior, FRP access cover (green) with stainless steel hinge attachment, locking hardware tab (lock not included), containing a self-priming pump with integrated strainer basket; cartridge filter unit; water fill station assembly (if applicable), check valve(s) or combination flow meter/check valve option, 3" vent connections with ventilation fan; integral sump well and available 2" gravity drain connection; automatic submersible sump pump; U.L. 508 listed control panel, (NEMA 4) includes: main disconnect switch; pump motor starter with circuit breaker (single phase application), motor starter with adjustable, solid-state motor protector (three phase applications), 24/7 two-channel programmable time clock for pump and (lights if applicable). Note: GFCI breakers and water level/low level cutoff control circuitry included if applicable; H.O.A. switches with illumination indication and labeling.

Details



Model Number	Dimensions		
	A	B	C
PFV-AC	3'-0"	3'-0"	2'-2"
PFV-L	3'-6"	3'-6"	3'-0"
PFV-E	5'-7"	6'-7"	6'-7"
PFV-C	6'-0"	8'-1"	7'-9"
PFV-G	9'-7"	7'-9"	8'-11"
PFV-XXL	16'-2"	8'-2"	10'-7"

TECHNICAL NOTES:

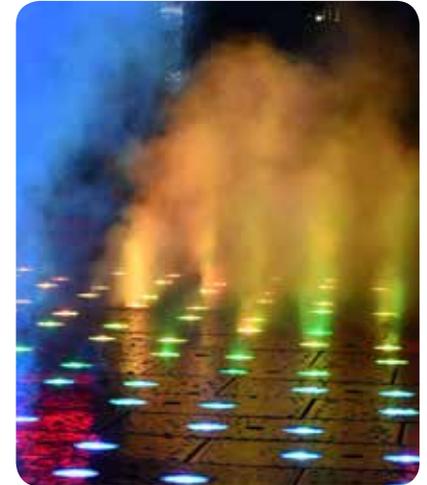
1. TANK SIZES ARE NOMINAL. CAPACITIES INDICATE APPROXIMATE VOLUME.
2. TILE SET AND DIAMOND PLATE ENTRY HATCH OPTIONS AVAILABLE. CONTACT FOUNTAIN PEOPLE.

Fog Series Fog Pump Vault System

FOG Series High Pressure Fog Pump Vault system is widely used in landscape engineering to give the illusions of a low level fog and/or mist.

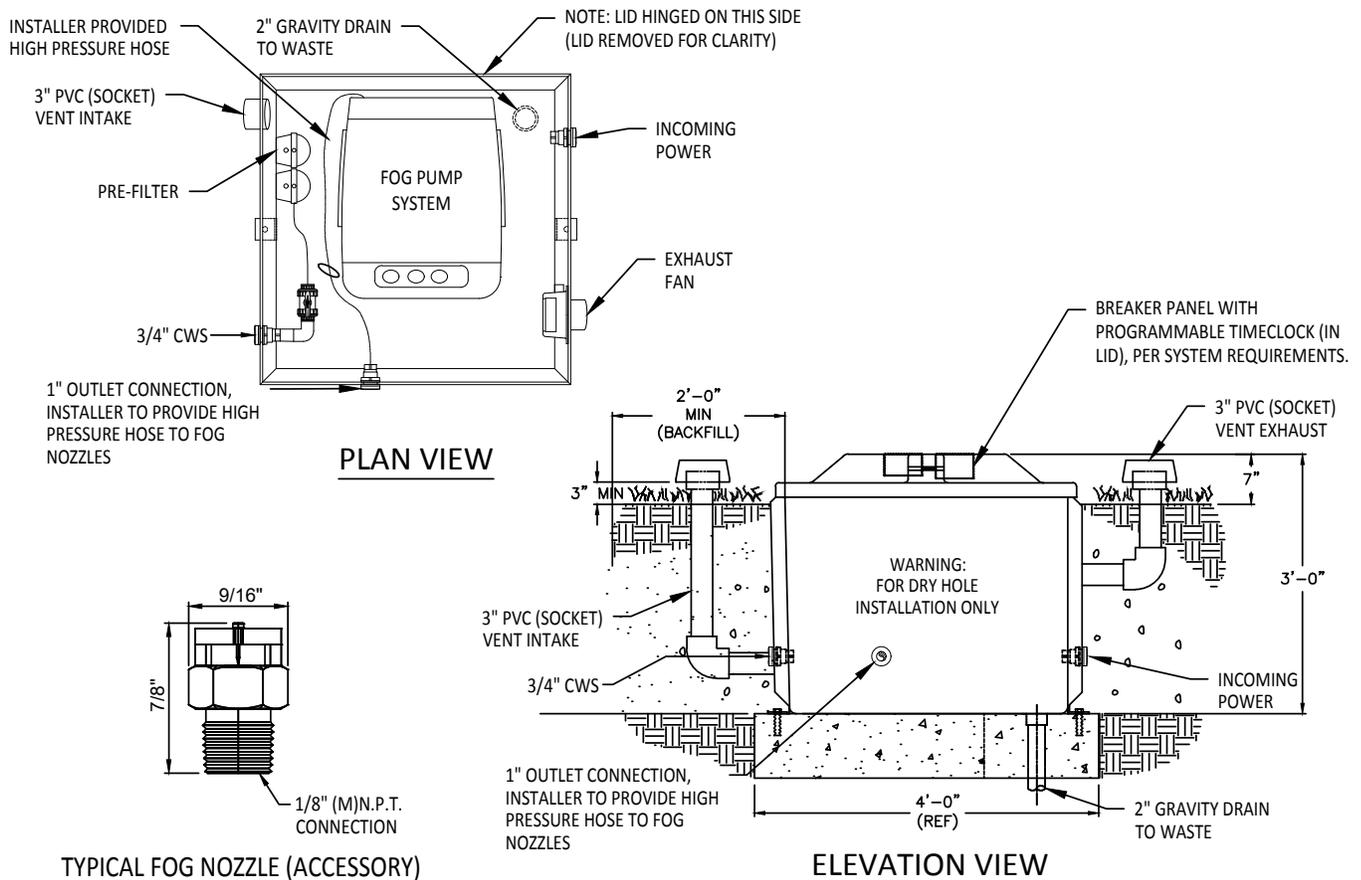
Specification:

FOG-Series High Pressure Fog Pump Vault system, pulley driven plunger pump (max. 1,000 p.s.i.) vented enclosure with rubber support feet, liquid filled pressure gauge, adjustable pressure regulator with bypass, built in solenoid valve, oil drain line, 'On & Off' switch, Pump vault includes U.L. listed time clocks and power distribution breakers) Class A GFCI as required, 2" floor drain, 3" vent connection with 105 CFM fan. Power requirement: 120V-/220 V, single phase. Vault dimensions: 3'-5" sq. x 2'-8" deep. Heavy duty FRP with white gel-coat (interior) and brown (exterior). FRP lid with hinge and locking device.



Details

Model Number	Horse Power Rating	GPM	Nozzle Capacity	Total Height	Pressure Rating	Volts/Phase	Amp Rating
FOG-100-120	1.0	1	16-32	18"	1000 PSI	110V/1	12.6
FOG-100-220	1.0	1	16-32	25"	1000 PSI	220V/1	6.3
FOG-150-120	1.5	2	33-64	39"	1000 PSI	110V/1	15
FOG-150-220	1.5	2	33-64	46"	1000 PSI	220V/1	7.5
FOG-300-220	3.0	3	65-100	46"	1000 PSI	220V/1	13.5



LPST Series Poly Water Storage Tank

LPST Series Poly Water Storage Tank are underground plastic water tanks, commonly called “cisterns” are food grade below ground water tanks most commonly used for potable drinking water & underground rainwater collection.

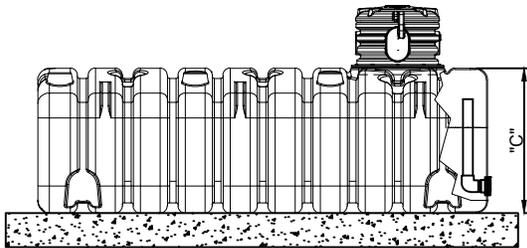


Specification:

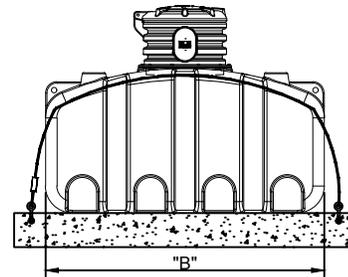
LPST Series Poly Water Storage Tank; consists of high density polyethylene construction, using FDA and NSF resins, monolithic ribbed design for superior top load strength, and repeated filling and emptying cycles. Low profile design for shallower excavations, flats located to accept bulkhead tank adapters, level sensor probes, and ventilation piping. Bolt down manhole cover(s) with hatchway riser options available, stabilization 'lugs' at corners to aid in transportation, handling, lifting and tie-down. Tank material conforms to 21 CFR 111.1520 standards.

Details

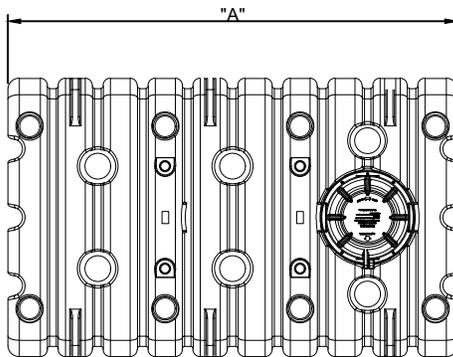
Model Number	Capacity (Gallons)	Dimensions (Inches)			Number of Manholes	Manhole Extension Riser Available
		Length A	Width B	Height C		
LPST-1000	1000	110.6	97.90	33	1@28" Diameter	24" Height
LPST-1500	1500	110.6	97.90	44.81	1@28" Diameter	24" Height
LPST-2000	2000	158	97.90	42.13	1@28" Diameter	24" Height
LPST-2500	2500	158	97.90	50.9	1@28" Diameter	24" Height



ELEVATION VIEW



PROFILE VIEW



PLAN VIEW

TECHNICAL NOTES:

1. SECTIONAL RIBBING DESIGNED TO WITHSTAND UP TO 400 PSF OF VERTICAL LOAD PRESSURE.
2. FOR "DRY HOLE" INSTALLATION ONLY. DO NOT INSTALL IN PATH OF VEHICLES. DO NOT INSTALL IN HIGH WATER TABLE AREAS.

Fiberglass Reservoirs

Fountain People offers a wide selection of reservoirs for use as recirculation or holding tanks. All units are of strong, durable fiberglass reinforced polyester (FRP) construction for long life.

Specification:

Standard Features:

- Heavy-duty FRP construction.
- Structurally engineered and certified for in-ground installation.
- Flanged or pipe connections, as required.
- Standard sizes from 300 gallons to 6,000 gallons.
- Vertical and horizontal configurations.
- Lockable lid with lock-open arm, stainless steel lock hasp, and stainless steel hinge.

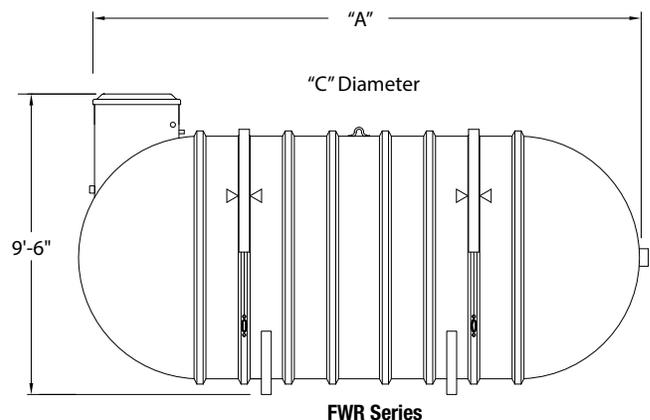
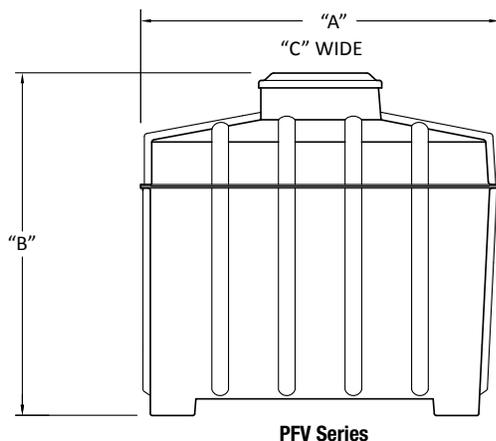
Optional Features:

- Stainless steel floor door.
- Pre-installed sensors, overflows, and automatic sump pumps.
- Hatch extensions.
- Top mounted drain grates.
- Access ladders.



Details

Model Number	Length	Width/Diameter	Height	Capacity (Gallons)
PFV-B	5'-1"	4'-7"	4'-2"	500
PFV-E	5'-7"	6'-7"	6'-7"	800
PFV-C	6'-0"	8'-1"	7'-9"	1300
PFV-G	9'-7"	7'-9"	8'-11"	2200
FWR-2000	9'-1"	8'-0"	9'-6"	2000
FWR-3000	12'-3"	8'-0"	9'-6"	3000
FWR-4000	15'-1"	8'-0"	9'-6"	4000
FWR-5000	17'-9"	8'-0"	9'-6"	6000
FWR-6000	20'-7"	8'-0"	9'-6"	6000



DPH Series Diamond Plate Vault Hatchway

DPH Series Diamond Plate Vault Hatchway is a pre-fabricated, diamond plate hatchway for gaining access to underground vaults for fountain systems, filtrations and electrical controls. The vault hatchway is designed for flush entry applications.

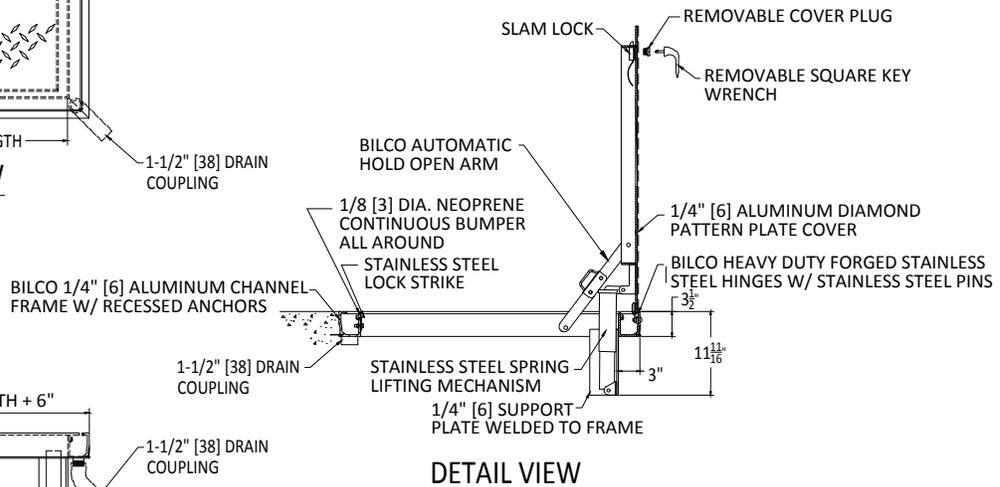
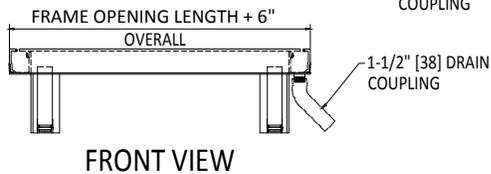
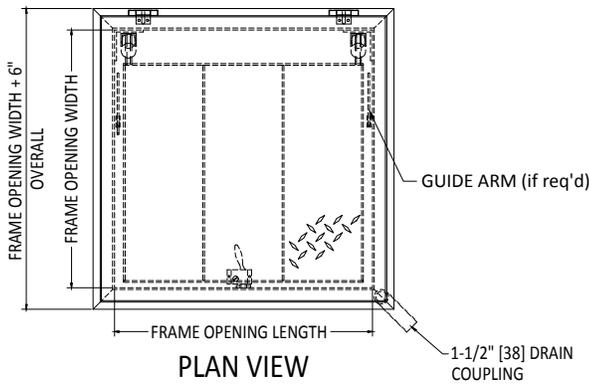


Specification:

DPH Series Diamond Plate Vault Hatchway, 1/4" aluminum cover and extruder frame with built in perimeter anchor flange, 1-1/2" perimeter drain connection, continuous 316 stainless steel hinge, 316 stainless steel slam lock with fixed interior handle and removable exterior turn/lift handle, 150 psf live load, compression spring operator enclosed in telescopic tubes, automatic hold-open arm with grip handle release.

Details

Model Number	Frame Opening Dimension	
	Length "A"	Width "B"
DPH-FPV-AC-3838	38"	38"
DPH-DBVA-4657	46"	57"
DPH-PFV-E/C-3737	37"	37"

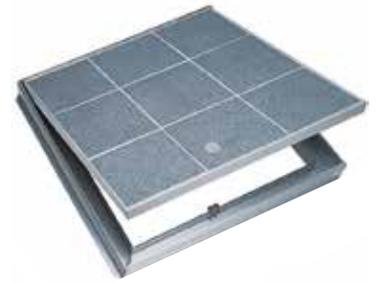


TECHNICAL NOTES:

1. DIAMOND PLATE ENTRY HATCH OPTIONS (ALUMINUM OR STEEL) AVAILABLE. CONTACT FOUNTAIN PEOPLE.

TSH Series Tile Set Vault Hatchway

TSH Series Tile Set Vault Hatchway is a pre-fabricated, tiled hatchway for gaining access to underground vaults for fountain systems, filtrations and electrical controls. The vault hatchway is designed for flush entry applications and may be covered with pavers, concrete or other architectural flooring material.

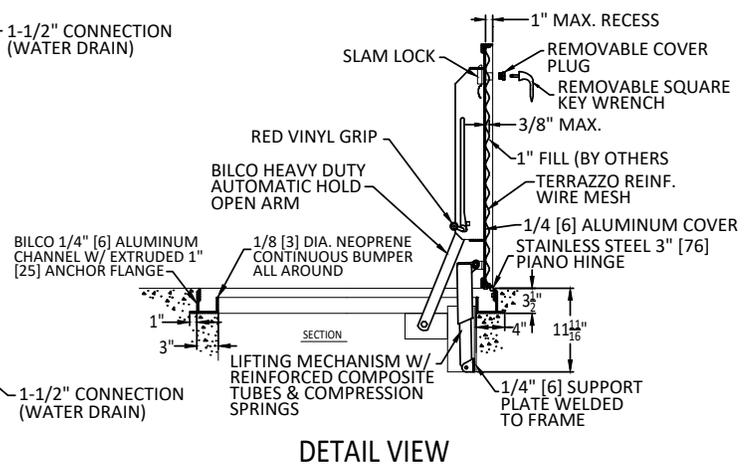
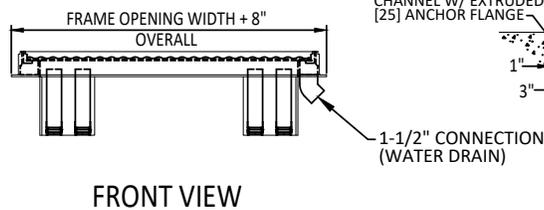
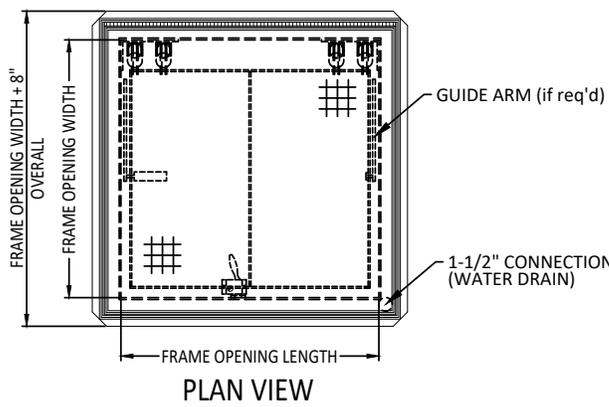


Specification:

TSH Series Tile Set Vault Hatchway, 1/4" aluminum cover and extruder frame with built in perimeter anchor flange, 1-1/2" perimeter drain connection, 1" fillable pan for architectural flooring material (specify type of material), continuous 316 stainless steel hinge, 316 stainless steel slam lock with fixed interior handle and removable exterior turn/lift handle, 150 psf live load, compression spring operator enclosed in telescopic tubes, automatic hold-open arm with grip handle release.

Details

Model Number	Frame Opening Dimension	
	Length "A"	Width "B"
TSH-FPV-AC-3636	36"	36"
TSH-DBVA-4657	46"	57"
TSH-FPV-AC-3737	37"	37"



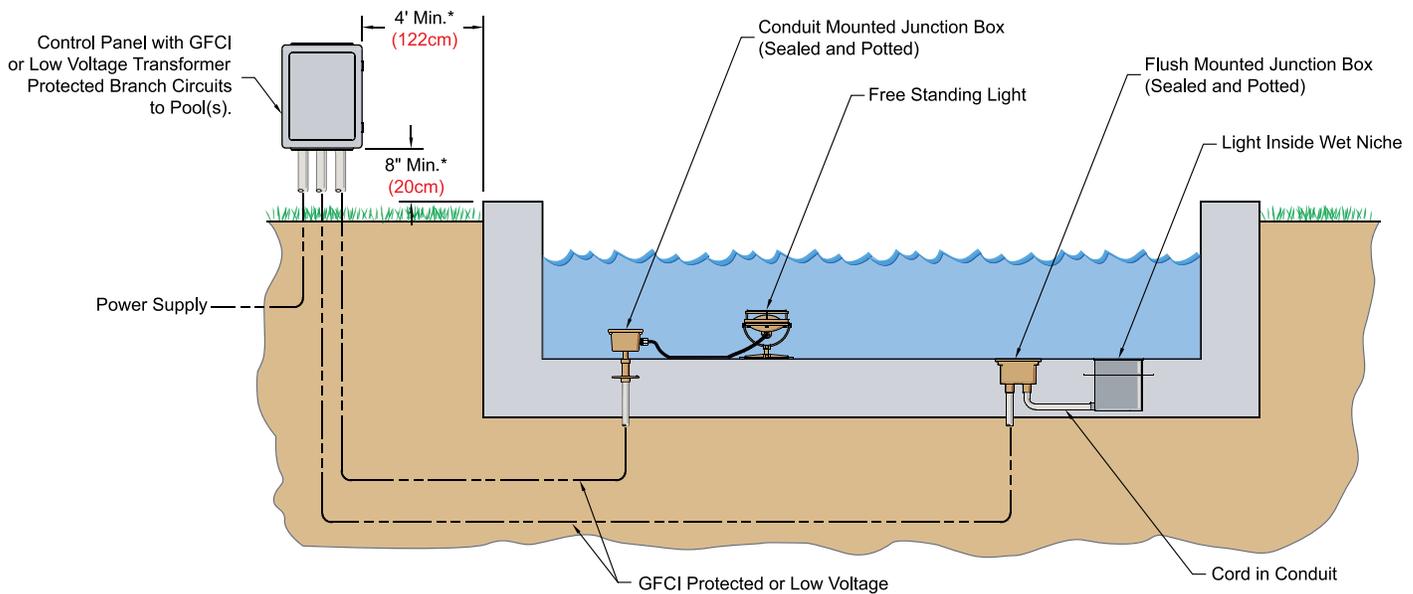
TECHNICAL NOTES:

1. TILE SET AND DIAMOND PLATE ENTRY HATCH OPTIONS AVAILABLE. CONTACT FOUNTAIN PEOPLE.



TECHNICAL & SAFETY

(*Recommended)



The following check list meets or exceeds the requirements of the U.S. National Electrical Code (NEC), Article 680, and is provided as a design aid. Be certain to check your local code requirements before finalizing your design or beginning installation.

Protect Electrical Circuits

A Class A ground fault circuit interrupter (GFCI) is required for all circuits supplying power to fountain equipment located within pools and operating above 15 volts. Equipment operating at less than 15 volts should be powered by a transformer that is listed and rated for the application.

Protect Lighting Fixtures

Underwater light fixtures are required to have a lens guard if the lens is pointed upward, or by either a low water cut-off mechanism or an internal thermal cut-off device to prevent damage from overheating. Freestanding fixtures which are subject to turbulence should be anchored to the pool floor or otherwise secured.

Allow Access for Re-lamping and Maintenance

Underwater light fixtures must be installed with sufficient cord length to allow removal from the water for re-lamping and maintenance. Exposed electrical cord within the pool must not exceed ten feet on all underwater electrical equipment.

Provide Suitable Junction Boxes and Strain Relief

Underwater junction boxes must have threaded conduit entries and compression type strain relief seals for underwater light or submersible pump cord entry.

Provide Adequate Junction Box Support

Electrical stub-ups for conduit mounted junction boxes must be of red brass pipe. Non-metallic conduit may not be used for conduit mounted junction box support.

Seal and Pot Junction Boxes

Underwater junction boxes, or junction boxes located outside of the pool that are below water level, must be completely potted using an approved compound. Conduit entries must be sealed prior to potting to prevent the potting compound from entering the conduit system. See Potting Compound, pg. 77.

Protect Control Panel from Moisture

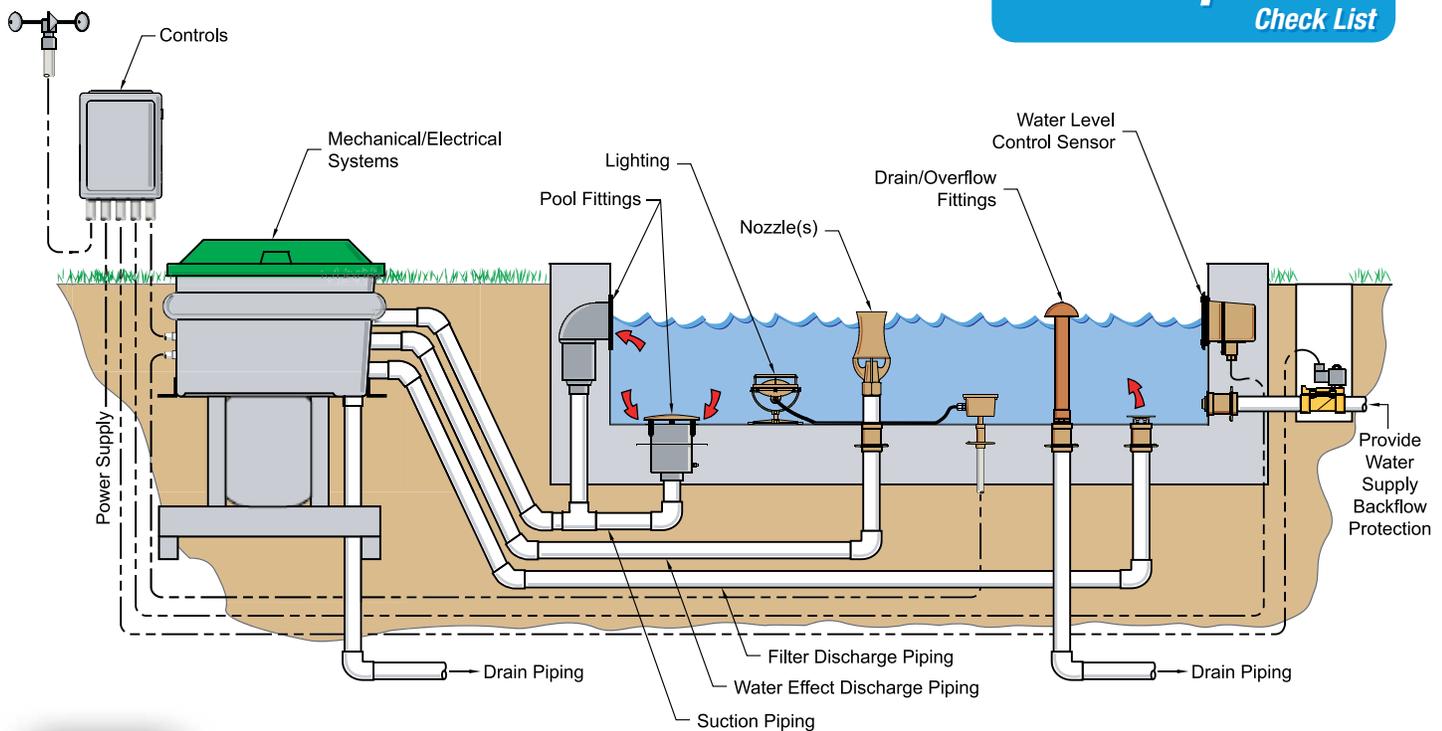
Conduit between the pool and control panels and intermediate junction boxes must be sealed to prevent the entry of moisture into the panels.

Use Suitable Wiring

Wire pulled between the fountain control panels and underwater junction boxes must be a water resistant type of stranded copper, appropriately sized for the voltage and the length of the run.

Properly Ground Equipment

All electrical equipment and metallic piping systems in or connected to the fountain must be grounded or bonded as required by the National Electrical Code and applicable local codes.



Select Water Effect

Water displays are traditionally made up of one or more fountain nozzles. Careful nozzle selection is essential to a successful design. Care should be taken to select nozzles with operating characteristics and performance that are compatible with the design of the water feature basin. See *Nozzles*, pgs. 14-43, *Bronzes & Scuppers*, pgs. 46-51, and *Deck Jets & Interactive Fountains*, pgs. 54-63.



Select Lighting

Lighting can be an exciting addition to a water feature. First you will need to determine what type of underwater lighting is appropriate to your installation. Freestanding fixtures provide the greatest flexibility in placement and aiming while wet niche fixtures provide a cleaner more vandal resistant installation. See *Fountain Lighting & Accessories*, pgs. 68-77.



Select Pool Fittings

Suction and return fittings are used to facilitate the flow of pumped water to and from the fountain basin. These fittings include anti-vortex and diverter plates, skimmers and return fittings, and waterstops to prevent leakage from the basin at piping penetrations. A successful design requires that fittings be sized and selected based upon their required flow rates and function. See *Fittings*, pgs. 80-93.



Select Drain/Overflow Fittings

These fittings allow basins to be drained for maintenance or winterizing and prevent the fountain from overflowing. Every fountain should have the provision for drainage and at least one overflow fitting in its lowest basin. See *Fittings*, pgs. 94-97.



Select Control Systems

Control devices are available to fill and maintain water levels, to turn off equipment in low water conditions, to reduce or turn off water effects in windy conditions, and to sequence water and lighting effects. See *Controls*, pgs. 100-111.



Select Mechanical/Electrical Systems

These systems include recirculation, filtration, and power distribution and need to be selected based upon the requirements of the individual fountain design. A wide range of pre-engineered and custom modular packages are available for every design. See *Vaults*, pgs. 134-141.

Need assistance in selecting the right equipment?

Contact our Design Department at (512) 392-1155 or design@fountainpeople.com.

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Contact Us:

Fountain People

P.O. Pox 807
San Marcos, Texas 78667

512.392.1155

www.fountainpeople.com

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