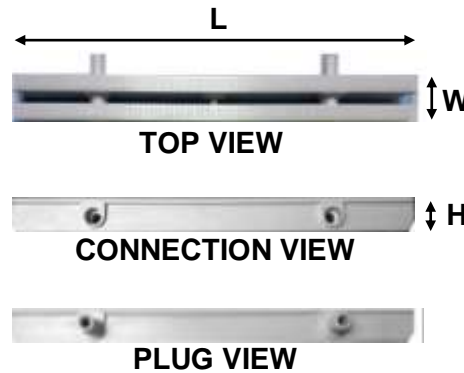




Swimming Pool Equipment

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**POOL GRATING
SPE-PG**

POOL GRATING (WHITE COLOUR)

Grating for overflow ducts, connected at the both end, made from ABS plastic with UV protection and Non-slip surface.

Length:

* 32mm(W) x 303mm(L) x 25mm(H) – 12"

Minimum Quantity 3000pcs and above:

* 33mm(W) x 250mm(L) x 26mm(H) – 10"

* 33mm(W) x 203mm(L) x 26mm(H) – 8"

Product: Swimming Pool Overflow Grating

Material: **ABS (ACRYLONITRILE BUTADIENE STYRENE)**

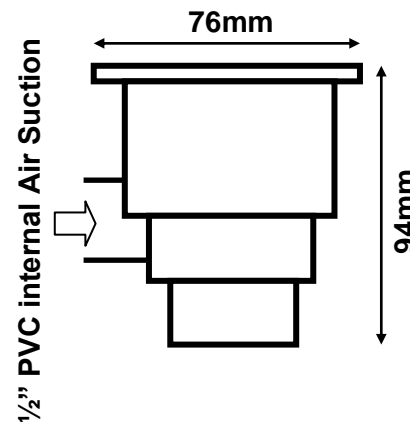
Colour: White (1.3%)

Others: UV Protection (0.30%)

Descriptions: Most suitable for swimming pool, spa pool and drainage function.



**SPA JET
SPE-SJ**



SPA JET

Spa jet nozzle is mainly used in concrete pools. The balance hydraulic system mixes and matches with the jet nozzles without affecting performance of the system. The jet nozzle can be adjusted to any angle or any direction.

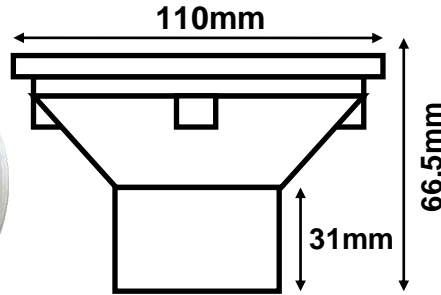
Colors: White / Black

Connection: 1 1/2" (38mm) internal BS socket



Swimming Pool Equipment

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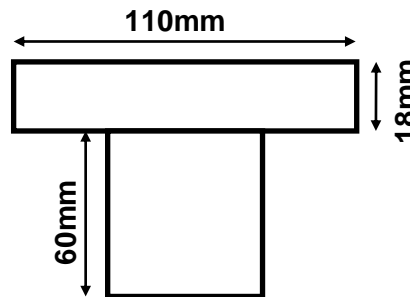
**FLOOR INLET
(SURFLO NOZZLE)
SPE-FI**

FLOOR INLET (SURFLO NOZZLE)

Adjustable Floor Inlet (surflo nozzle) made from ABS plastic with UV protection.
Colors: White / Black

Connection:

2" BS internal pipe
2" ABS internal pipe



**FLOOR INLET
(SURFLO NOZZLE)
SPE-FI-EZ – FOR EASY INSTALLATION**

FLOOR INLET EZ (SURFLO NOZZLE EZ)

An Easier Installation version of the adjustable Floor Inlet (Surflo nozzle) made from ABS plastic with UV protection.
Colors: White / Black

Connection:

2" BS internal pipe
2" ABS internal pipe



Swimming Pool Equipment

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AIR CONTROLLER
An add-on for Spajet to give control to the air bubble.

Air Controller	
Connection	1" external
Colour	White/Black
FSH	1.5M
Material	Nylon

Approx value
FSH = fountain spraying height

EYEBALL

Eyeball (hydro- stream insider) made form ABS plastic with UV protection.
Colors: White / Black

Connection:

1 1/2" BS pipe internal pipe
31 mm ABS internal pipe – 1/2" opening



Swimming Pool Equipment

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STRAINER
SP-STR3, SP-STR4, SP-STR6

STRAINER

Available in galvanize, non-galvanize and cast iron.

Available in all sizes:

3" socket, 4", 5", 6" & 8" flange end

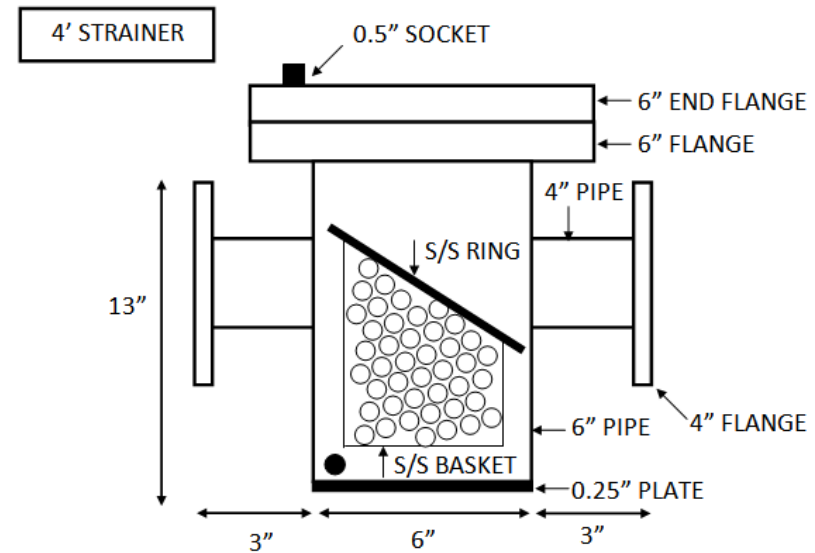
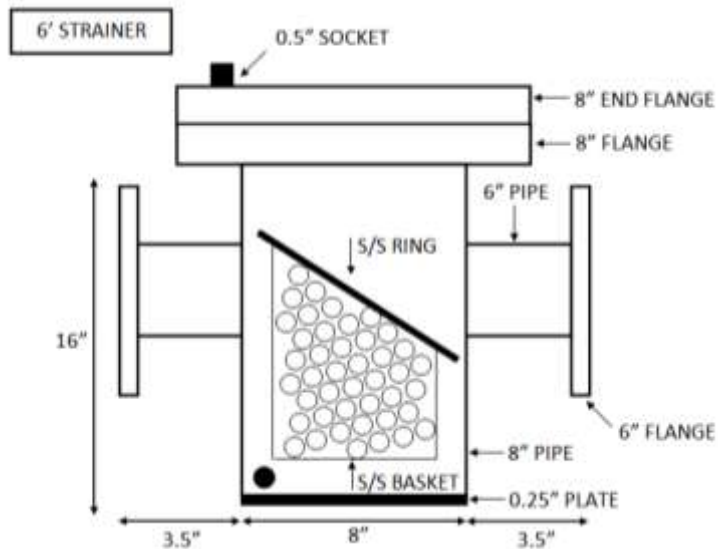
(Including custom made size and stainless steel STRAINER)

***S/S : Stainless Steel (For Basket)**

SPE-STR3 – 3" Strainer, Flange to flange: 8 ½" (W) x 10 ¾" (H)

SPE-STR4 – 4" Strainer, Flange to flange: 12 (W) x 14 ¾" (H)

SPE-STR6 – 6" Strainer, Flange to flange: 15" (W) x 17 ½" (H)





Swimming Pool Equipment

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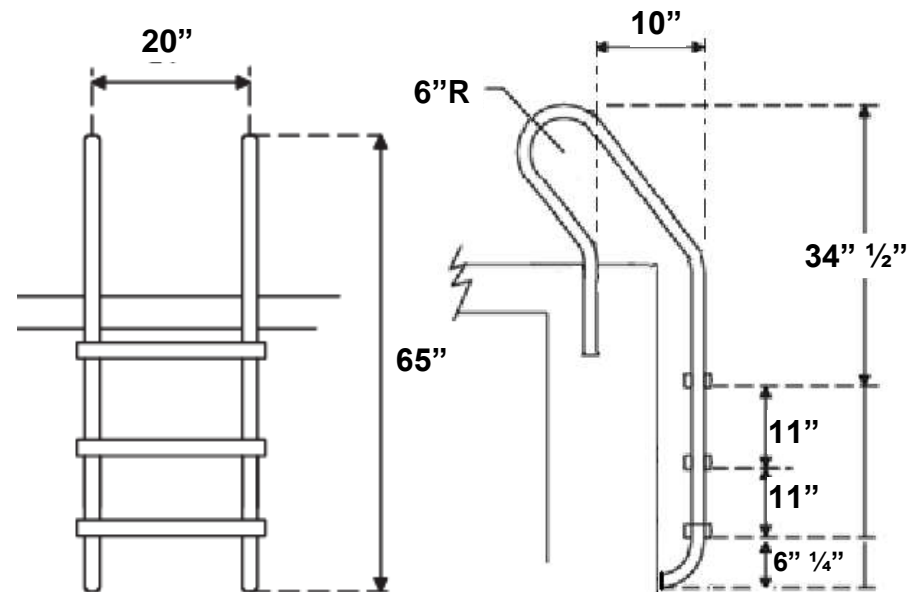
STAINLESS STEEL SWIMMING POOL SPE-S3POL OVERFLOW LADDER (3 STEP)

Descriptions: Suitable for overflow and skimmer pools. The design will suit the ladder rail to be anchored in the deck just in front of the overflow channel for a neat finish.

MATERIAL: AISI* 1½" or 1¾" pipe 304 **Stainless Steel**. Contains nickel & Chromium of 8 %. Does not stain, corrode & rust.

Weight: 7.5KG

*American Iron and Steel Institute (AISI)

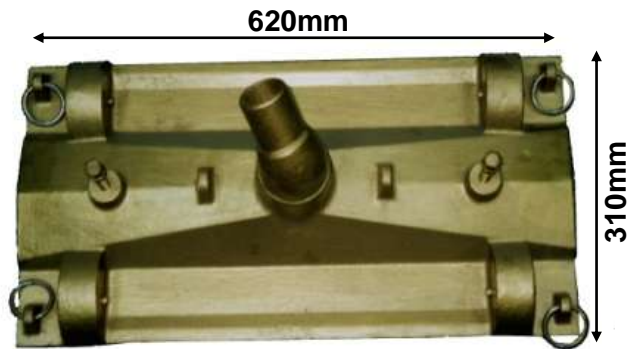




Swimming Pool Equipment

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**TOLL MASTER
SPE-TM**

TOLL MASTER

Heavy-duty toll master, made from fully brass material. Complete with adjustable brush.

Length:

* **310mm(W) x 620mm(L) x 230mm(H)**

Weight:

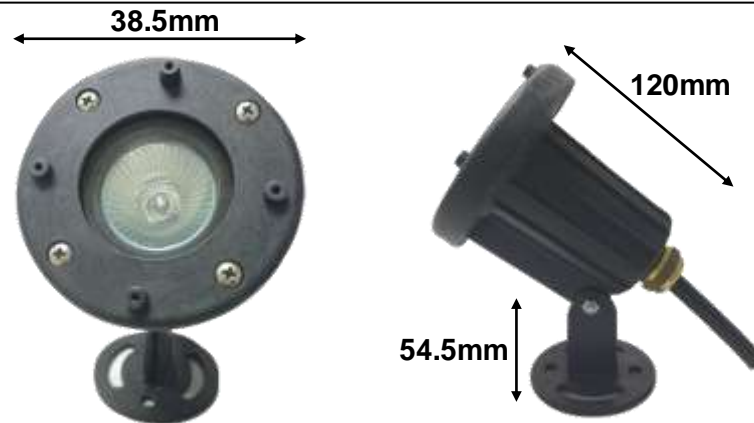
* **25KG**



Lighting and Spa Heater

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DELTECH WEATHER PROOF 12V
Available in 12V/20w, 12V/35w, 12V/50w.

DELTECH WEATHER PROOF 12V

The sign of the light is made from fully brass material. The operation voltage of the light is **12V** through transformer whereas the power is **20w/35w/50w**. This design also comes in another type form, where the housing was manufactured by **Nylon** material. The lenses come in four different colors, which are **Red, Blue, Orange, Green**.

MODEL:
LSH-WP12-20 - 12V/20w
LSH-WP12-35 - 12V/35w
LSH-WP12-50 - 12V/50w



DELTECH 50
Available in - Copper housing and Nylon housing

DELTECH 50

The sign of the light is made from fully copper / brass material. The operation voltage of the light is 12V through transformer whereas the power is 50W. This design also comes in another type form, where the housing was manufactured by **ABS** material. The lenses come in four different colors, which are **Red, Blue, Orange, Green**.

MODEL: LSH-DEL-50



Lighting and Spa Heater

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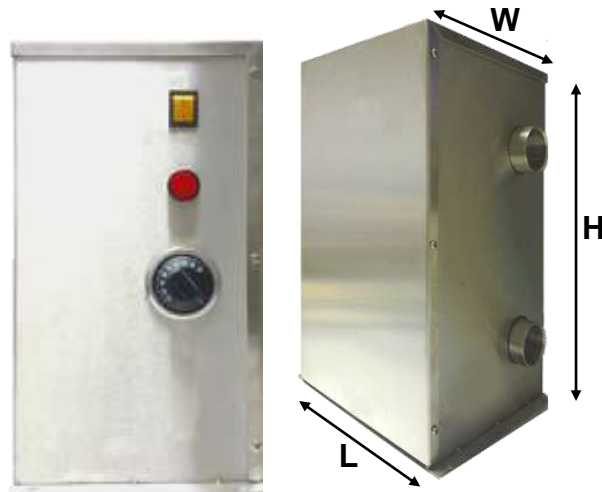
 <p>153mm</p> <p>225mm</p> <p>28mm</p> <p>DELTECH 120 / 150</p>	<p>DELTECH 120 / 150</p> <p>The sign of the light is manufactured by Nylon material, a material especially durable to high temperatures. The light is supported on a round basis manufactured externally by Nylon and internally by lead, which its checked weight allows the light to always stand upright. It comes in two different voltages.</p> <p>MODEL: LSH-DEL120/LSH-DEL150</p> <table border="1"><tr><td>Voltage</td><td>24V/50-60 Hz</td></tr><tr><td>Consumption</td><td>120W/150W</td></tr><tr><td>Cable length</td><td>3m</td></tr><tr><td>Weight (with base)</td><td>2.5kg</td></tr><tr><td>Color lenses</td><td>Red, Blue, Orange, Green</td></tr></table>	Voltage	24V/50-60 Hz	Consumption	120W/150W	Cable length	3m	Weight (with base)	2.5kg	Color lenses	Red, Blue, Orange, Green
Voltage	24V/50-60 Hz										
Consumption	120W/150W										
Cable length	3m										
Weight (with base)	2.5kg										
Color lenses	Red, Blue, Orange, Green										
 <p>274mm</p> <p>115mm</p> <p>160mm</p> <p>TECHNIKI 300</p>	<p>TECHNIKI 300W UNDERWATER SWIMMING POOL LIGHT</p> <p>MODEL: LSH-TEC300</p> <p>Light: 300W/12V</p> <p>For use only in water through safety transformer.</p>										



Lighting and Spa Heater

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Front view

Back View

INLINE HEATER

Available in – 12kw & 18kw

INLINE HEATER

Designed for high capacity commercial pool installations. Features a built in flow switch to prevent operation when there is no water flow. All electrical components are located at the heater top under the conveniently hinged cover for easy access. These heaters are also built in with adjustable temperature control and visible pilot light.

Dimension: 225mm (W) x 400mm (H) x 238mm (L)

Material for Casing: Stainless Steel

Available in – 12kw & 18kw




MODEL: LSH-IH12 / LSH-IH18

***Highly recommended with the installation of 30mA ELCB (EARTH LEAKAGE CIRCUIT BREAKER) for safety purpose.**



Finnleo Steam and Sauna

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PRODUCTS	DESCRIPTION	PRODUCTS	DESCRIPTION
 <p>Dim: (W x L x H) 16" x 11 3/4" x 24 1/2"</p>	<p>FLH – 6kw and 8kw</p> <p>Heaters are wall mounted for midsize rooms. They feature a remote control panel regulating the temperature. Durably designed enclosure, painted outer enclosure and heat, reflecting corrosion-resistant inner enclosure, thermostat sensor to be placed onto the sauna wall. The temperature is to be regulated by the separate control box.</p>		<p>FOT 2 PS-3 & FOK 33 PS-3</p> <p>Adjustable electronic thermostat for exact temperature regulation. Splash proof housing. Heater on indicator light. Timer function selector switch. Sauna light and switch and indicator lamp. Dual function timer (A) 1-8 h presetting time or 1-4 h operating time (B) 1-12 h operation time</p>
 <p>Dim: (W x L x H) 20" x 23" x 27"</p>	<p>FLG – 9kw, 10.5kw, 12kw, and 15kw</p> <p>Painted outer enclosure, heating element of stainless steel. Inner parts corrosion-resistant and heat reflecting steel. 60kg of sauna rocks for soft heat, good steam and energy efficiency.</p>		



Finnleo Steam and Sauna

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Heater	Power kW	The measurement of the sauna room		Control panel
		Value m ³	Min. height m	
FLH 30	3.0	2-4	1.9	Use separate control panels with thermostats
FLH 45	4.5	3-6	1.9	
FLH 60	6.0	5-9	1.9	
FLH 80	8.0	8-13	1.9	
FLG 90	9.0	8-13	1.9	Operated with separate control panels and thermostat
FLG 105	10.5	9-15	1.9	
FLG 120	12.0	10-18	2.1	
FLG 150	15.0	14-24	2.1	

CONTROL PANEL MODELS

Model	Phase	Voltage	Timer	Thermostat	Heater
FOT 1PS	3	415V	On-Off	Included	FLH 30 - 80 FLG 90-105
FOT 2PS-3	3	415V	8+4 h 12h	Included	FLH 30 - 80 FLG 90-105
FOK 33PS-3	3	415V	8+4 h 12h	Included	FLG 120-150
FALA 4PK	3	415V	16+8 h	FAT 3	FLA 180-260



Finnleo Steam and Sauna

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Sauna Diagram



FLH Model



FLG Model

FOT2 PS-3 | FOK33 PS-3



OLEA 15 - FLG MODEL
OLEA 18 - FLH MODEL



Finnleo Steam and Sauna

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Metallic Hygrometer



Metallic Thermometer

**Copper
Ladle**



**Wooden
Ladle**



Sauna rocks – 20kg



Sand Timer, 15min



Sauna Fragrance

Birch, Spruce, Herbal Mint, Eucalyptus, Peppermint, Lime, melisse (50ml only)





Accessories for Original Finnish Sauna



Finnleo Steam and Sauna

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PRODUCTS		DESCRIPTION		PRODUCTS		DESCRIPTION	
 <p>Dim: (H x D x W) FST 405 x 200 x 430mm</p>		<p>FST 9kw, 12kw, and 14kw Designed for domestic and commercial use. Water tank is made of acid proof steel. Incolloy heating element. Electrical water level control, dry run protection. Heating elements protected by thermo-fuse. Pneumatic remote on / off switch. Separate 12 V signal light. Plug –in digital control options.</p>		 <p>Dim (L x W x H) 250 x 220 x 80mm</p>		<p>ROMA 1 and ROMA 2 Steam control with Thermostat and function selector. Features: Easy and safe installations, low voltage (12V dc), plug in connection. Rocker switch for ON / OFF (ROMA 1), 120min timer (ROMA 2), a two-color LED indicates if the generator is working or if the temperature is reached. Thermostat adjustable from 20-50°C (68F-122F). Chrome plated sensor (5m cable). 120 minutes timer (for ROMA II only)</p>	
Type		FST –90 FST –120 FST –140	Power kW	9.0 12.0 14.0	Room (m³)*		10 – 12 12 – 15 15 – 18

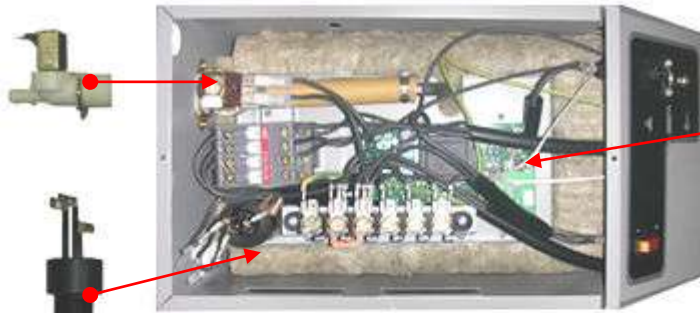


Finnleo Steam and Sauna

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Steam Diagram

Solenoid valve



Level probe



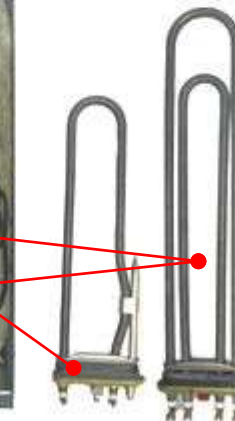
OLEA 21



ROMA1/
ROMA2



OLEA 31



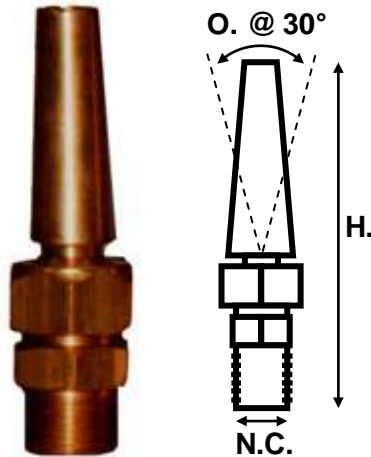
Steam element



Fountain Nozzle

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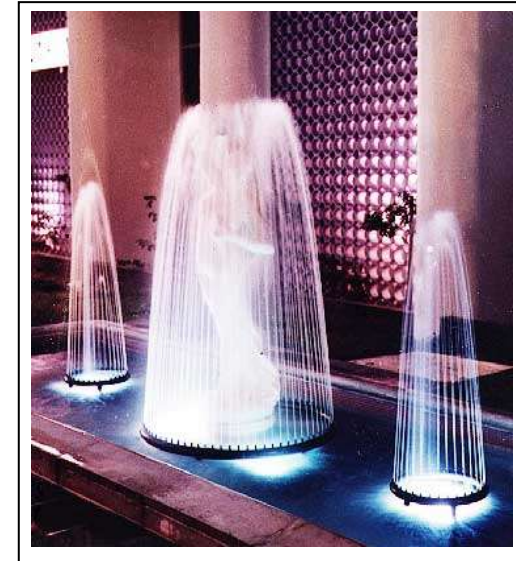
The Comet Single jet nozzles, a jet that can produce a crystal clear beam and wind stable. This Comet jet comes with different sizes for different water effect. They may use in small ponds or basins to obtain a single jet, but more frequently, several are arranged in a group. Each Comet nozzle incorporates a ball joint so that the jet can be inclined by up to 15° degree from the vertical, so that particularly interesting water effects can be created and water patterns when more jets are grouped together in an ensemble.



Komet Jet /Smooth Ball Jet FN-KJ Series

Comet Single Jet/Smooth Ball Jet							
N.C	3/8"	3/8"	1/2"	1/2"	3/4"	3/4"	1"
O (mm)	4.5	6	6	8	10	12	14
H (mm)	75	75	79	79	118	118	118
FSH	L/min	L/min	L/min	L/min	L/min	L/min	L/min
1.0	4.5	8.0	8.20	14.20	25.0	32.0	45.0
2.0	6.5	12.0	12.50	21.20	34.0	45.0	65.0
3.0	7.5	15.0	15.20	26.40	42.0	57.0	85.0
4.0	9.5	18.0	17.50	30.60	49.0	67.0	94.0
5.0				34.10	55.0	76.0	105.0
6.0					63.0	85.0	116.0
MA	Brass						

N.C = Nozzle connection O = Opening H = Height FSH = Fountain Spraying Height MA = Material



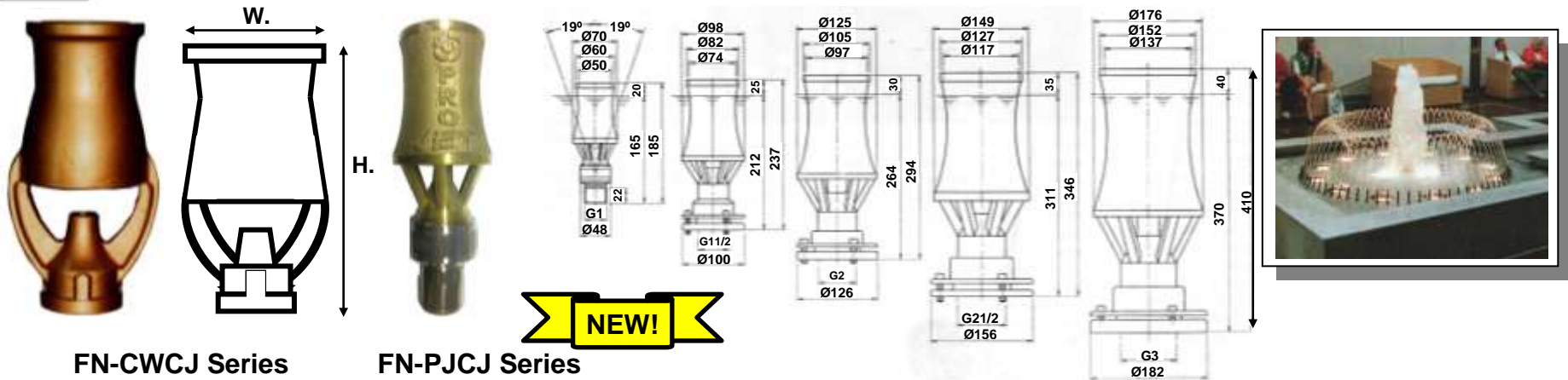
The advantages of the Comet nozzle are:

- ☑ A clear water stream
- ☑ Stability in windy conditions
- ☑ A ball joint within the nozzle which allows for an inclination of up to 15° degrees



Fountain Nozzle

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FN-CWCJ Series

FN-PJCJ Series

CW / ProJet series Giant Cascade jets will provide highly visible frothing and foaming "White Water" spray effect. The effect diameter at base is approximately 25% - 30% of spray height. These nozzles are independently upon the water level, which is in contrast to foam spray and foam spraying nozzle. The surrounding water and air are sucked in to the injector, and throw high up to the air by the injector. This has an economical effect where only low power pump is needed. The pattern change with varying water levels.

Hydro Data	CW series Cascade Jet					
	1/2"		3/4" & 1"		1 1/2"	
C.	38		51		76	
W (mm)	96		196		229	
H (mm)	NWD	NPD	NWD	NPD	NWD	NPD
FSH	L/min	Bar	L/min	Bar	L/min	Bar
1.5m	48.3	1.68	79.8	1.11	128	0.66
2.0m	59.8	2.16	92.4	1.52	141	0.99
3.0m			119	2.34	182	1.52
4.0m			131	2.72	199	1.61
5.0m					235	2.34
MA	BRASS					

FSH = Fountain Spraying Height
 NPD = Nozzle Pressure Demand
 NWD = Nozzle Water Demand
 C. = Connection
 MA = Material
 W = Width
 H = Height



Hydro Data	ProJet series Cascade Jet									
	Cascade 50T		Cascade 70T		Cascade 90T		Cascade 110T		Cascade 130T	
	NWD	NPD	NWD	NPD	NWD	NPD	NWD	NPD	NWD	NPD
FSH	L/min	Bar	L/min	Bar	L/min	Bar	L/min	Bar	L/min	Bar
0.25m	28.7	0.18								
0.50m	34.5	0.26	79.7	0.27						
0.75m	39.5	0.33	88.8	0.33	141.4	0.27				
1.00m	43.9	0.41	97.0	0.40	157.1	0.33	236.2	0.36	379.6	0.36
1.50m	51.5	0.57	111.7	0.53	184.4	0.46	279.8	0.48	437.3	0.48
2.00m	58.2	0.73	124.7	0.66	208.2	0.58	317.4	0.60	488.3	0.60
2.50m	69.7	1.04	136.4	0.79	229.6	0.71	351.4	0.72	534.6	0.72
3.00m	74.8	1.20	147.3	0.92	249.2	0.83	382.0	0.84	577.2	0.84
4.00m	79.6	1.36	166.9	1.18	284.4	1.09	437.2	1.08	654.2	1.08
5.00m	88.4	1.68	184.5	1.44	315.8	1.34	486.4	1.34	723.4	1.34
6.00m			200.6	1.71	344.4	1.59	531.1	1.55	786.6	1.55
7.00m			215.5	1.97	370.9	1.85	572.5	1.79	845.3	1.79
8.00m					395.7	2.10	611.2	2.04	900.3	2.04
10.00m					441.4	2.61	682.3	2.52	1001.7	2.52
12.00m							747.1	3.01	1094.3	3.01
14.00m							806.9	3.50	1180.2	3.50
16.00m									1260.6	3.99
18.00m									1336.6	4.49
20.00m									1408.9	4.99
MA	BRASS									
GW	1kg		2.4kg		3.6kg		7kg		11kg	

FSH = Fountain Spraying Height NWD = Nozzle Water Demand GW = Weight
 NPD = Nozzle Pressure Demand MA = Material



Fountain Nozzle

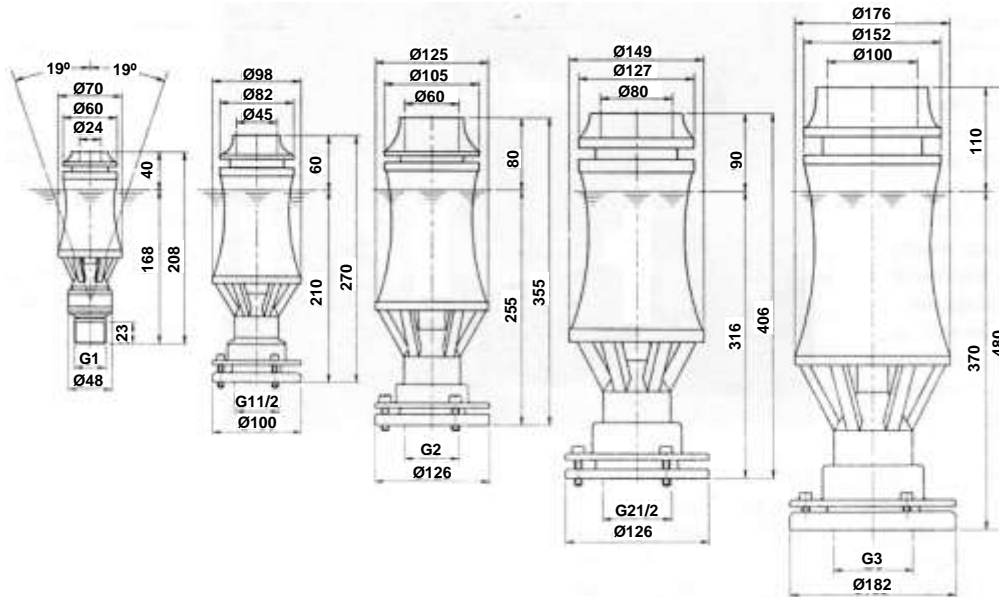
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**Geiser Jet
FN-GSJ**

The Geiser foam effect nozzles are injection nozzles that are dependent on the water level, which is in contrast to foam spray and foam spring nozzles. Because of the injection effect, the surrounding water and air are sucked in, intensively mixed and through high into the air by the injector jet. This has an economical effect, since with a relatively low pumping power one can achieve a voluminous jet. In contrast to cascade, geiser has a more cylindrical shaped fountain. However the water pattern changes with varying water levels. When below the normed water level the jet is thinner but also higher, when above, it is fuller but also lower. When the wave become stronger the fountains begin to dance, often seen as a very interesting special effect. Return valves must be provided in installation with different water levels, since otherwise when switching off, the water level sinks to the injection height. Which would lead, when switching on again, to the jet being significantly higher until the normal water level is reached.



Geiser 20T

Geiser 40T

Geiser 60T

Geiser 80T

Geiser 110T

- White, slender foaming water pattern
- Mostly cylindrical form
- Rich air mixture
- Water saving efficiency

Hydro Data	Geiser Jet									
	Geiser 20T		Geiser 40T		Geiser 60T		Geiser 80T		Geiser110T	
	NWD	NPD	NWD	NPD	NWD	NPD	NWD	NPD	NWD	NPD
FSH	L/min	Bar	L/min	Bar	L/min	Bar	L/min	Bar	L/min	Bar
0.50m	30.4	0.25	82.7	0.27	128.4	0.24				
0.75m	33.9	0.25	89.1	0.31	140.3	0.29				
1.00m	37.2	0.30	95.0	0.35	151.3	0.34	242.0	0.37		
1.50m	42.9	0.39	105.9	0.44	171.2	0.43	273.3	0.47		
2.00m	47.9	0.49	115.8	0.52	189.0	0.53	3.1.3	0.57	459.4	0.56
2.50m	52.5	0.59	124.9	0.61	205.3	0.62	327.0	0.67	497.0	0.66
3.00m	56.7	0.69	133.4	0.69	220.4	0.72	350.8	0.77	532.0	0.75
4.00m	64.3	0.89	149.0	0.86	247.9	0.91	394.3	0.97	596.0	0.94
5.00m	71.1	1.09	163.1	1.03	272.8	1.10	433.5	1.18	653.9	1.13
6.00m	77.3	1.28	176.2	1.20	295.6	1.29	469.6	1.38	707.3	1.33
7.00m			188.4	1.38	316.9	1.57	503.2	1.59	757.0	1.52
8.00m			199.8	1.55	336.8	1.67	534.8	1.79	803.8	1.71
10.00m					373.7	2.06	593.1	2.21	890.5	2.10
12.00m					407.5	2.44	646.5	2.32	969.8	2.49
14.00m							696.1	3.04	1043.6	2.89
16.00m							747.7	3.46	1112.8	3.28
18.00m							786.7	3.88	1178.3	3.68
20.00m							828.7	4.30	1240.8	4.08
25.00m									1386.0	5.09
30.00m									1519.1	6.12
MA	BRASS									
GW	1kg		2.4kg		3.6kg		7kg		11kg	

FSH = Fountain Spraying Height NWD = Nozzle Water Demand GW=Weight
NPD = Nozzle Pressure Demand MA = Material





Fountain Nozzle

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**Multi Jet
FN-MJ**

The 19-3 or 21-3 Multi jet nozzles create a different level of spraying beam at a different height. The jets are crystal clear and relatively wind stable. The 21-3 is equipped with nozzle from Comet jet range, which allows for individual jet adjustment. For cleaning, all Comet jet nozzles can be unscrewed.

Hydro Data	19-3 or 21-3 Multi Jet Nozzle		
	NWD	NPD	Spray Dia.
FSH	L/min	Bar	Ø m
1m	38.83	0.176	1.00
2m	55.66	0.352	2.00
3m	68.86	0.528	3.00
4m	80.41	0.715	4.00
MA	Brass		

- FSH = Fountain spraying height
- NPD = Nozzle pressure demand
- NWD = Nozzle water demand
- MA = Material
- DIA = Diameter
- * 3mm spraying hole
- * 1" connection

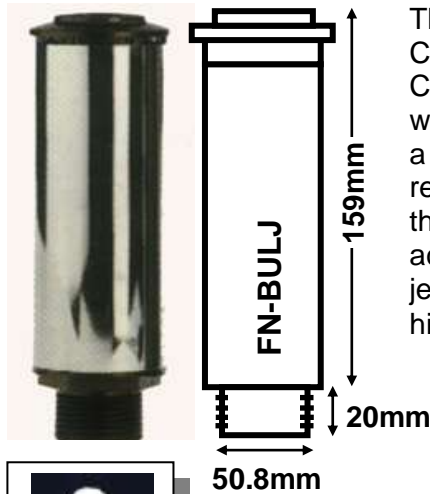




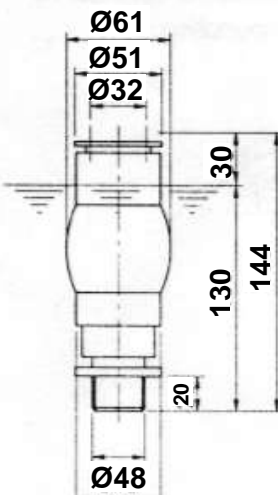
Fountain Nozzle

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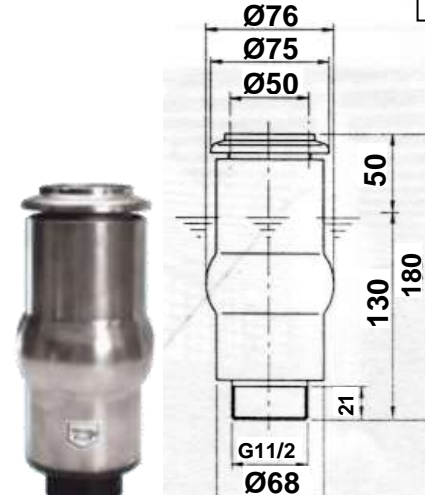
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The Bubble Jet / Schaume white foam spraying nozzle, contrast to Giant Cascade and Sky Geyser, function independently from the water level. Change in the water level has no effect on the water pattern. When water runs into the basin, for stepped pools or fountain installations with a lower reservoir, this nozzle type has wide field of application, since return valve, which are often troublesome, are unnecessary here. Due to the high quantity of air that is mixed in, a voluminous water effect is achieved with a relatively small quantity of water. This makes the foam jet very soft, highly compact and exceptionally foamy. It stands out, highly contrasted against its surroundings.



Schaume 35-10E
FNS35-10E



Schaume 55-15E
FNS55-15E



- C = Connection
- FH = Fountain Height
- NPB = Nozzle Pressure Demand
- PD = Nozzle Pressure Demand
- GW = Gross Weight
- MA = Material

Hydro Data	Bubble Jet – 1" connection		
	NWD	NPD	NPD
FSH	L/min	mWS	Bar
1.00m	81.23	2.76	0.28
1.25m	89.77	3.38	0.34
1.50m	97.57	3.99	0.40
1.75m	104.79	4.61	0.46
2.00m	111.55	5.23	0.52
2.50m	123.97	6.46	0.65
MA	Stainless Steel and Nylon		

C.	Schaume 35-10E		Schaume 55-15E	
	1"		1 1/2"	
Hydro FH	NWD L/min	NPD Bar	NWD L/min	NPD Bar
0.25m	47.10	0.10		
0.50m	55.10	0.14	125.00	0.11
0.75m	71.18	0.22	151.69	0.15
1.00m	80.73	0.28	176.45	0.19
1.25m	89.27	0.34	198.16	0.24
1.50m	97.07	0.40	217.74	0.28
1.75m	104.29	0.46	235.70	0.33
2.00m	111.05	0.52	252.40	0.38
2.50m	123.47	0.65	282.90	0.48
3.00m			310.45	0.58
3.50m			335.78	0.64
4.00m			359.37	0.77
4.50m			381.53	0.87
5.00m			402.51	0.97
6.00m			441.56	1.16
7.00m			447.53	1.36
MA	Stainless Steel / Plastic			
GW	0.5kg		1.4kg	



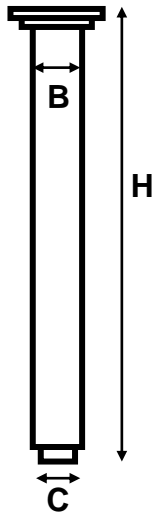
Fountain Nozzle

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Bell Jet
FN-BELJ



These Bell jet nozzle produces a most attractive, perfectly formed water bell, which is ideally suitable for pools in hotel foyers, reception areas, terraces, winter gardens, sheltered outdoor pools and it's have the lowest noise level of all fountain type. Bell displays are greatly enhanced by underwater illumination. All Bell nozzles are built in adjustment for varying the diameter of the bell

Bell Jet			
Pump Capacity	90w	250w	550w
	Approx. value		
Dia. Of Bell Max	1.10m	1.10m	1.10m
Water Depth. Min	0.15m	0.25m	0.26m
Material – Stainless Steel or Brass			

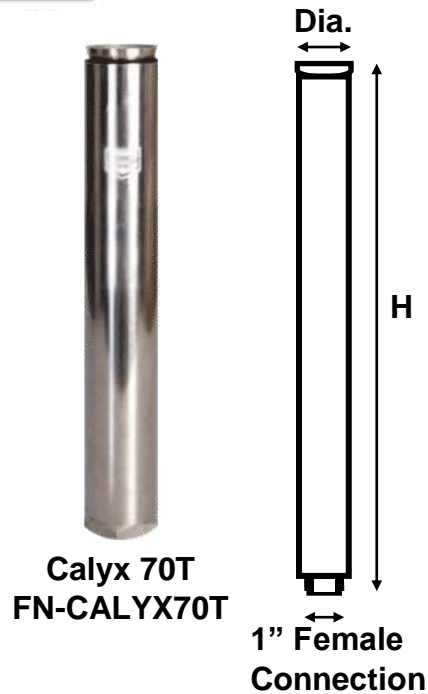
Connection (C) x Body (B) x Length (L)
- 3/4" C x 1" B x 18" L
- 3/4" C x 1" B x 22" L
- 1" C x 2" B x 18" L
- 1" C x 2" B x 22" L





Fountain Nozzle

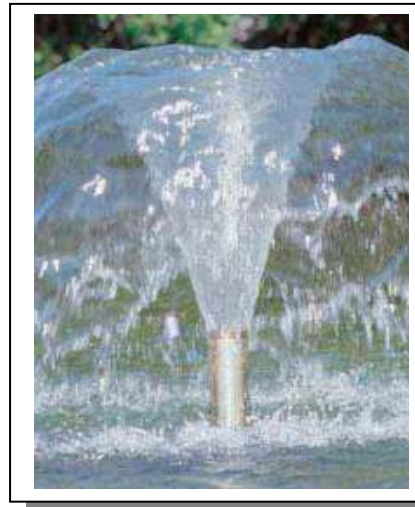
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70 T" Calyx" nozzle produce a water pattern similar to the lava water, bell, but the water veil rises and forms a calyx shape. The water stream is thicker and individual alterations of the water pattern of diameter and height are possible without the need to change the flow volume. This is achieved by changing the height of the adjustable, outer jacket tube. The nozzle is independent from the water level and is equipped with a strong adjustment flange for accurate adjustment.

The advantages of the calyx jet are:

- Transparent water pattern
- Variable calyx form
- With adjustment flange
- Independent from the water level



Hydro	Calyx 70T – 1" Connection			
	CD	NWD	NPD	NPD
FSH	m	L/min	mWS	Bar
0.25m	0.55	43.00	1.20	0.12
0.50m	0.80	105.00	2.00	0.20
0.75m	1.50	114.00	2.10	0.21
1.00m	2.00	120.00	2.20	0.22
1.25m	2.30	135.00	3.00	0.30
1.50m	2.50	150.00	3.60	0.36
1.75m	3.00	175.00	4.00	0.40
MA	STAINLESS STEEL			
GW	6.0kg			
Dia.	1 3/4"			
H.	18"			

FSH = Fountain Spraying Heights H = Height
 NWD = Nozzle Water Demand Dia = Diameter
 NPD = Nozzle Pressure Demand
 MA = Material
 GW = Weight

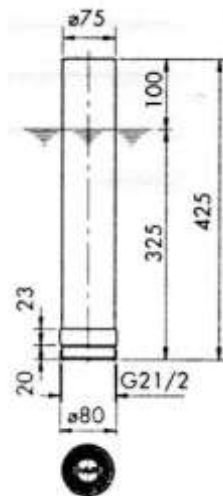


Fountain Nozzle

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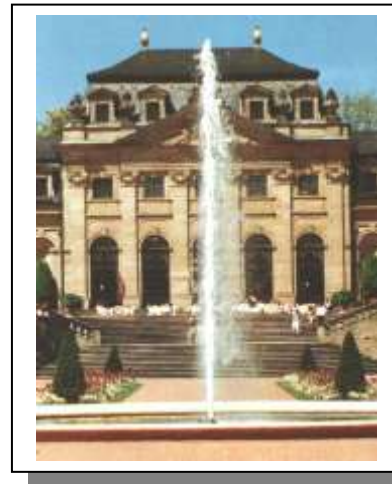
**Hollow Jet
FN-HOLJ**



Hollow jet nozzle is specially designed to achieve great fountain heights. As opposed to full stream nozzles, the water requirement, or stream volume, is reduced. The precise construction of the ring slit guarantees a stable fountain jet. This hollow jet produces an external diameter of 70mm and water film thickness of 3.5 mm.

The advantages of the hollow jet are:

- Clear, wind stable, and full stream jet
- Independent from the water level
- For greater fountain heights



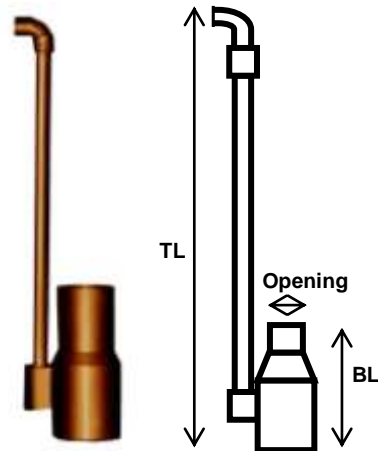
FSH = Fountain Spraying Heights
NWD = Nozzle Water Demand
NPD = Nozzle Pressure Demand
MA = Material
GW = Gross Weight

Hydro Data	Hollow jet 3" connection	
	NWD	NPD
FSH	L/min	Bar
5.00m	514	0.6
6.00m	566	0.8
7.00m	613	0.9
8.00m	657	1.0
9.00m	699	1.2
10.00m	738	1.3
12.00m	811	1.6
14.00m	878	1.9
16.00m	941	2.1
18.00m	1001	2.4
20.00m	1057	2.7
22.00m	1111	3.0
24.00m	1162	3.2
MA	BRASS	
GW	5.0kg	



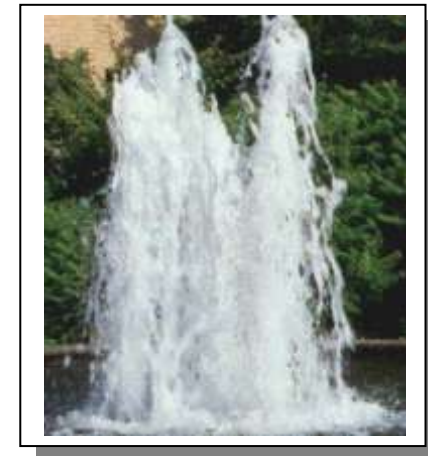
Fountain Nozzle

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These jets are designed to provide highly visible fluffy white spray effects. These nozzles are independently upon the water level, which is in contrast to foam spray and foam spraying nozzle. The air is sucked into the air injector to provide a visible white form mixed with water. The nozzle Spraying diameter is approximately 45%-50% of the nozzle spraying height.

**FOAM JET
FN-FJ**



Hydro Data	Foam Jet			
	FW630 - 1"		FW640 - 1 1/2"	
	NWD	NPD	NWD	NPD
FSH	L/min	Bar	L/min	Bar
1m	93	0.46	179	0.49
2m	119	0.70	242	0.84
3m	139	1.10	295	1.71
4m			353	2.11
5m			397	2.35
Opening	24mm		37mm	
Total Length (TL)	290mm		390mm	
Body Length (BL)	112mm		139mm	
MA	BRASS			



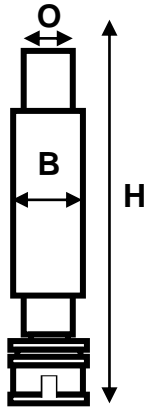
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Aerating Jet
FN-AJ

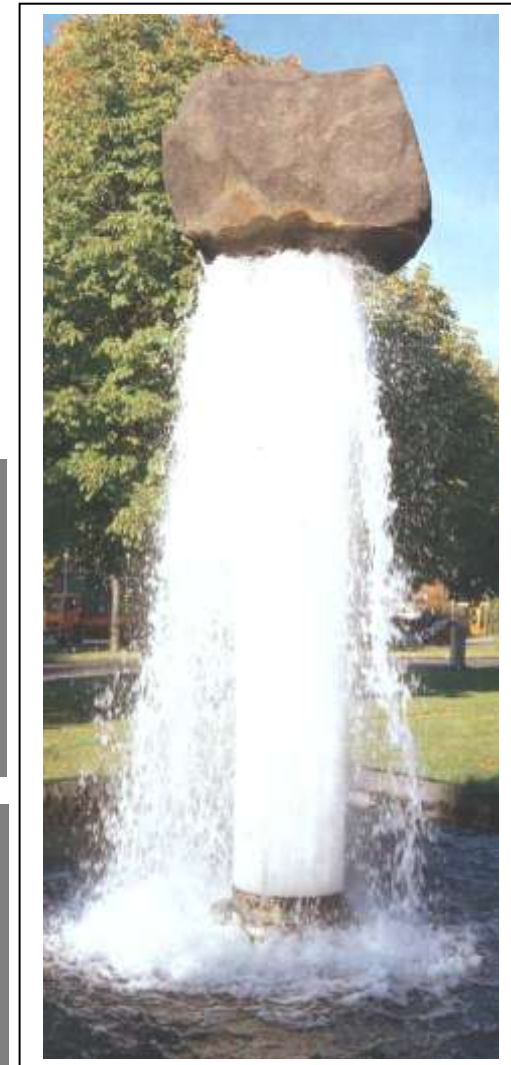


Aerating jets represent one of the most widely used spray effect in the world. This type of jet evolved over period of time as to be the most effective and flexible, yet least flow demanding “White Water” spray effect jet. These Aerating jet are extremely economical to use as they provide with least possible flow water, the maximum in visibility of spray effect. Micrometric adjustment of the air intake sleeve permits changing the ratio of water drawn from the pool and air, thereby changing the appearance of the spray and its height. Adjustment rules:-

1. Air intake sleeve UP, spray heavier and lower.
2. Air intake sleeve DOWN, spray lighter and higher.

Hydro	Aerating jet			
	AW 767 - 1 ¼” connection		AW 787 - 1 ½” connection	
	NWD	NPD	NWD	NPD
	L/min	Bar	L/min	Bar
1.0m	40	3.9	43	3.5
2.0m	50	6.4	60	5.7
3.0m	60	8.7	77	7.7
4.0m	65	11.0	91	9.2
5.0m	70	13.4	102	10.9
6.0m	75	18.3	112	12.7
8.0m	-	-	126	16.1
10.0m	-	-	135	19.7
12.0m	-	-	142	23.0
H.	285mm		350mm	
B.	51mm		58mm	
O.	31mm		38mm	

H = Height B = Body O = Opening

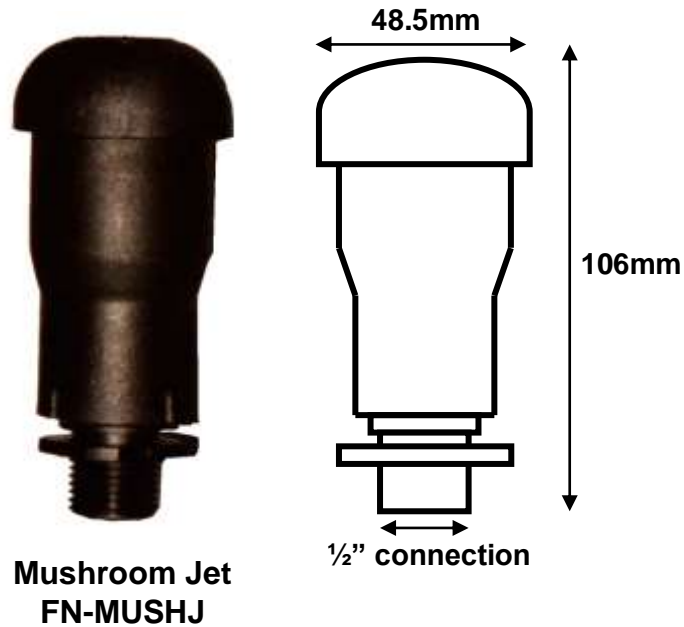




Fountain Nozzle

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**Mushroom Jet
FN-MUSHJ**

The Mushroom spraying nozzle, a smaller version of white foam spraying nozzle. Function independently from the water level. Due to the high quantity of air that is mixed in, a voluminous water effect is achieved with a relatively small quantity of water. This makes the foam jet very soft, highly compact and exceptionally foamy. Its stands out highly contrasted against its surroundings.



Mushroom Jet	
Pump capacity	100w
L/min	70L/m
FSH	1.5M
Material	Nylon

*Approx value

FSH = fountain spraying height

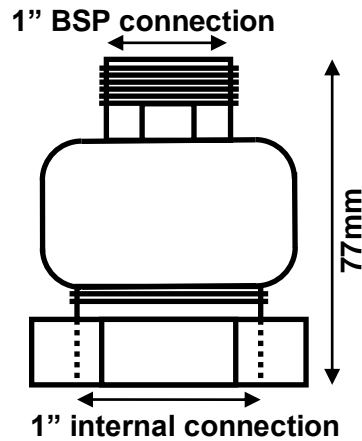


Fountain Nozzle

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**Ball Joint
FN-BALJ**



Ball Joint is an add-on to change fixed nozzle jet spraying angle to variable adjustment angle. Thus adding flexibility to the nozzle jet spraying angle of your liking.

Ball Joint	
Connection	1/2", 3/4" & 1" BSP
Material	Nylon

INSTALLATION SAMPLE



Fully Adjustable angle variation (after assembled)



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