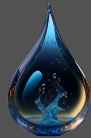




IDEAL FOUNTAINS TM

Shaping Of Water TM

1-833-433-2569



WaterSwitch



The WaterSwitch is a special shifter which can produce dynamic spray variation by changing the direction of flow.

MATERIAL

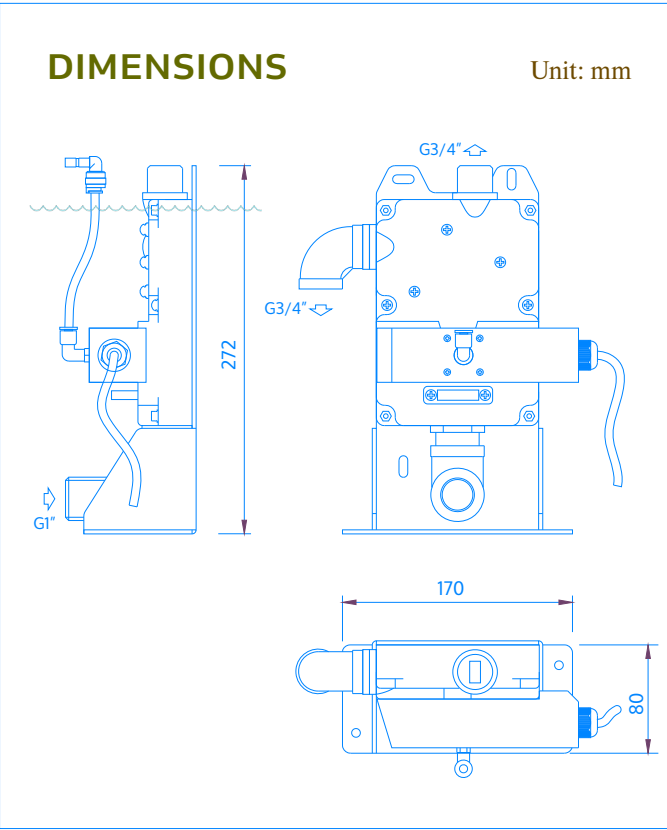
- Body – ABS
- Mount – Stainless Steel 316

SPECIFICATIONS

- One G1” inlet, two G 3/4” outlets
- 24V DC
- Switching speed 1/12 sec.
- Can be mounted on ground or suspended on horizontal or vertical bracket
- 1.5m cable SJTOW 18AWG
- Power consumption 10W
- Weight 2.9kg
- Protection Degree: IP68

APPLICATION

The WaterSwitch can be connected to various nozzles such as Comet, Foam, Fan, Finger nozzle.



PERFORMANCE

WaterSwitch+Finger Nozzle

Nozzle	FR25	
Ht.	P	Q
0.5	0.24	2.70
1.0	1.60	1.55
1.5	1.50	1.50
2.0	0.35	
2.5		
3.0		



WaterSwitch+Comet Nozzle

Nozzle	ZL25-12		ZL40-13		ZL40-16	
Ht.	P	Q	P	Q	P	Q
1.0	0.5	25	0.5	33	1.0	44
1.5	0.6	34	0.8	40	1.5	52
2.0	0.8	37	1.1	47	2.0	60
3.0	1.2	47	1.7	60	3.0	78
4.0	1.8	58	2.2	70		
5.0	2.4	68	2.8	80		
6.0	3.0	75				

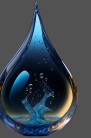


WaterSwitch+Foam Nozzle

Nozzle	PM15		PM20		PM25	
Ht.	P	Q	P	Q	P	Q
0.5	0.3	21	0.4	26	1.0	42
1.0	0.6	33	0.7	37	2.0	60
1.5	0.9	40	1.0	44	2.6	70
2.0	1.2	46	1.4	50		
2.5	1.4	52	1.7	55		
3.0	1.8	59	2.1	63		
3.5	2.2	65	3.0	78		
4.0	2.5	70				
5.0	3.0	78				



- ◆ Ht. = Spray height (m)
- ◆ P = Pressure demand (bar)
- ◆ Q = Flow rate (lpm)



WaterSwitch



The WaterSwitch is a special shifter which can produce dynamic spray variation by changing the direction of flow.

MATERIAL

- Body – ABS
- Mount – Stainless Steel 316

SPECIFICATIONS

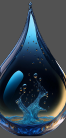
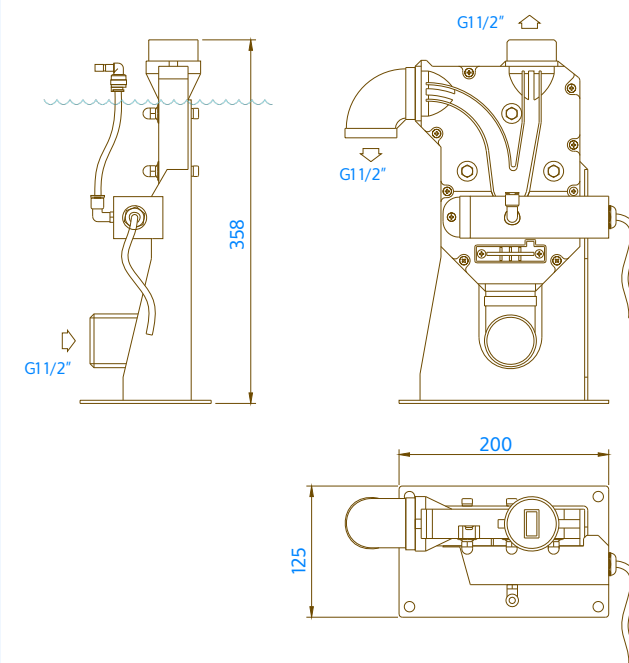
- One G1 1/2" inlet, two G1 1/2" outlets
- 24V DC
- Switching speed 1/12 sec.
- Can be mounted on ground
- 1.5m cable SJTOW 18AWG
- Power consumption 10W
- Weight 3.8kg
- Protection Degree: IP68

APPLICATION

The WaterSwitch can be connected to various nozzles such as Comet, Foam, Fan, Finger, Annular nozzle.

DIMENSIONS

Unit: mm



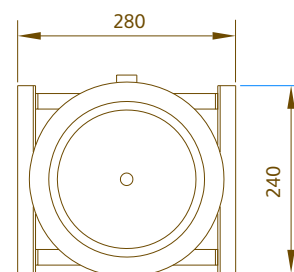
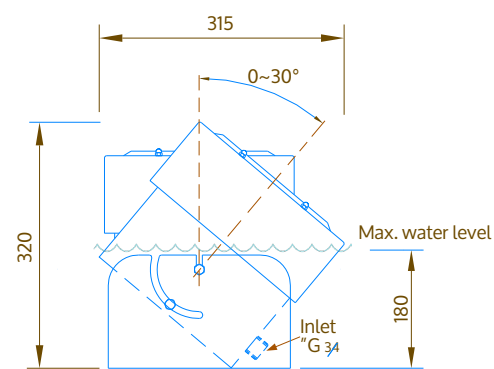
Jumping Jet

J20-12



DIMENSIONS

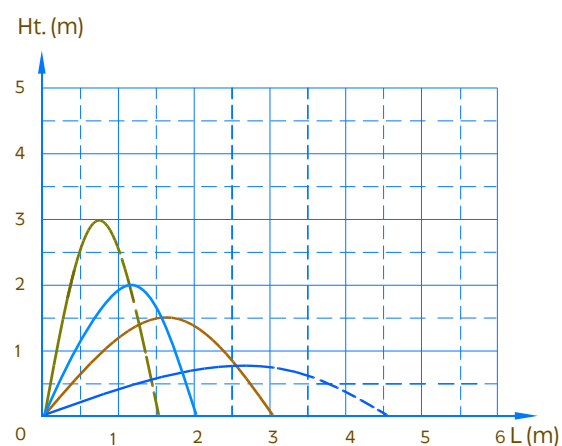
Unit: mm



CHARACTERISTICS

- Effect: laminar water
- Function: cut off
- Orifice: 12mm
- Vertical pivoting range: 0 ~ 30 °
- Max. pressure: 0.5bar
- Max. flow rate: 50l/min ◆ Max. water depth: 180mm
- Rated voltage of LED light: 24V DC
- Rated power of LED light: 6W
- Light type: LED RGB / RGBW / white light ◆
- Power cable for LED light: 3 VDE H05RN-F 2×1.0+3×0.5mm²
- Protection Degree of LED light: IP68
- Rated voltage of stepper motor: 24V DC
- Current of stepper motor: 2.1A
- Power cable for stepper motor: 3 STW 18AWG 4*C / VDE H05RN-F 4x1mm²
- Material: stainless steel 304
- Weight: 20kg

POSSIBLE WATER PARABOLA



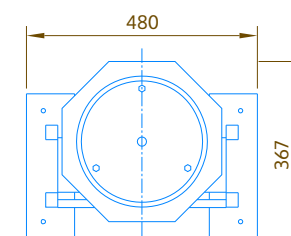
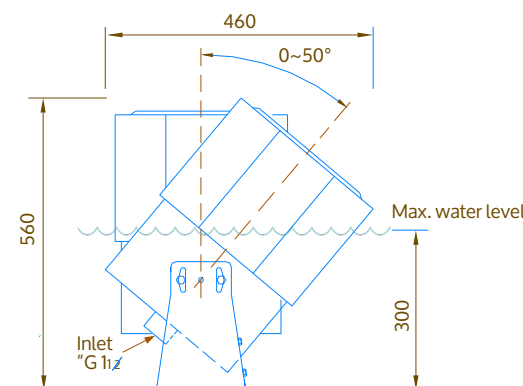
Jumping Jet

J40-16



DIMENSIONS

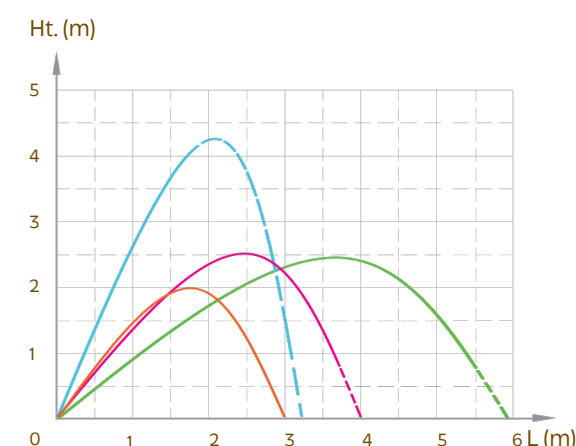
Unit: mm



CHARACTERISTICS

- Effect: laminar water
- Function: cut off
- Orifice: 16mm
- Vertical pivoting range: 0 ~ 50 °
- Max. pressure: 0.7bar
- Max. flow rate: 84l/min
- Max. water depth: 300mm
- Rated voltage of stepper motor: 24V DC
- Current of stepper motor: 2.4A
- Rated voltage of LED light: 24V DC
- Rated power of LED light: 6W
- Light type: LED RGB / RGBW / white light
- Power cable for LED light: 3 VDE H05RN-F 2×1.0+3×0.5mm²
- Protection Degree of LED light: IP68
- Power cable for stepper motor: 3m STW 18AWG 4*C / VDE H05RN-F 4x1mm²
- Material: stainless steel 304
- Weight: 38kg

POSSIBLE WATER PARABOLA



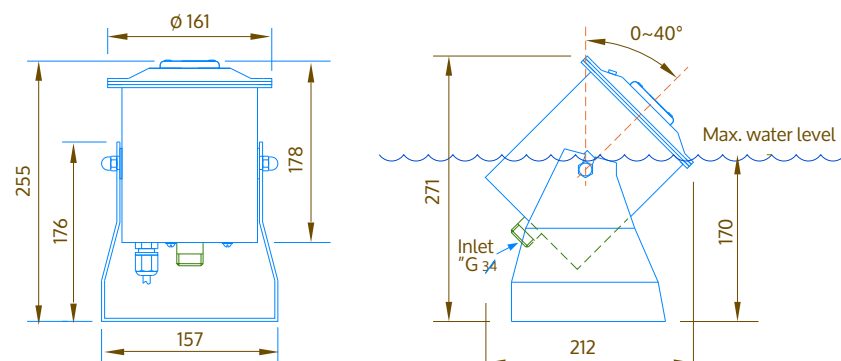
Laminar Jet

L20-8



DIMENSIONS

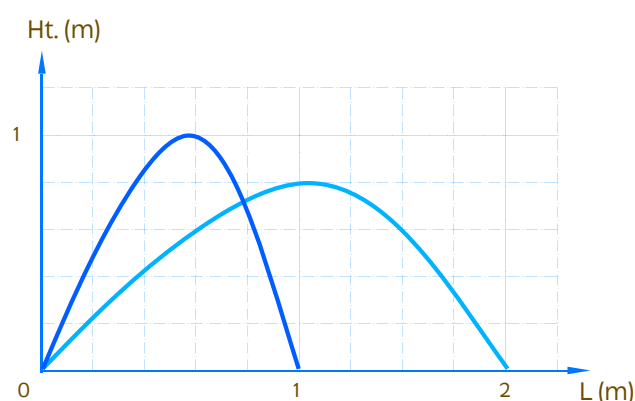
Unit: mm



CHARACTERISTICS

- Effect: laminar water
- Orifice: 8mm
- Vertical pivoting range: 0 ~ 40 °
- Max. pressure: 0.3bar
- Max. flow rate: 25l/min
- Max. water depth: 170mm
- Rated voltage of LED light: 24V DC
- Rated power of LED light: 3W
- Light type: LED RGB / RGBW / white light
- Power cable for LED light: 3m STW 18AWG
- Protection Degree of LED light: IP68
- Material: stainless steel 304
- Weight: 6.8kg

POSSIBLE WATER PARABOLA



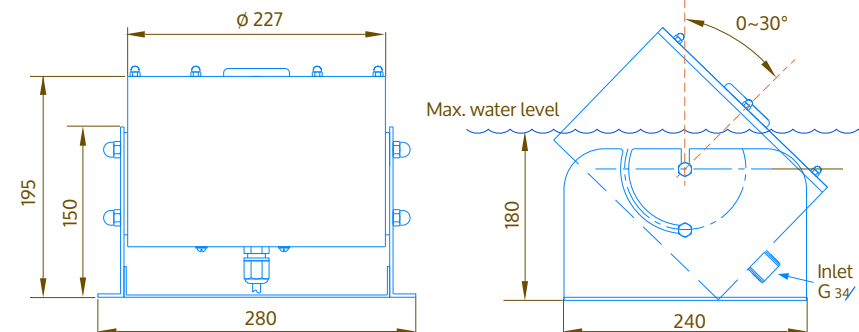
Laminar Jet

L20-12



DIMENSIONS

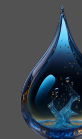
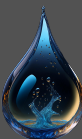
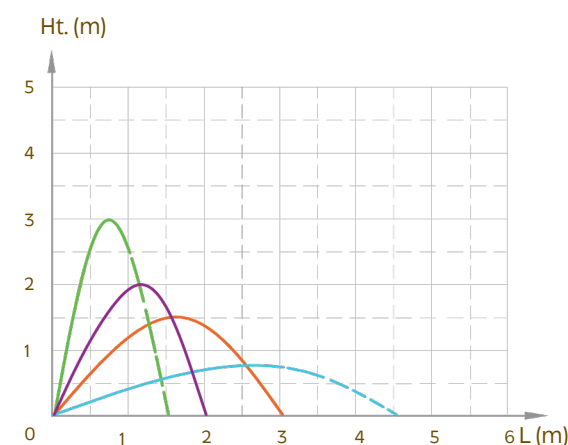
Unit: mm



CHARACTERISTICS

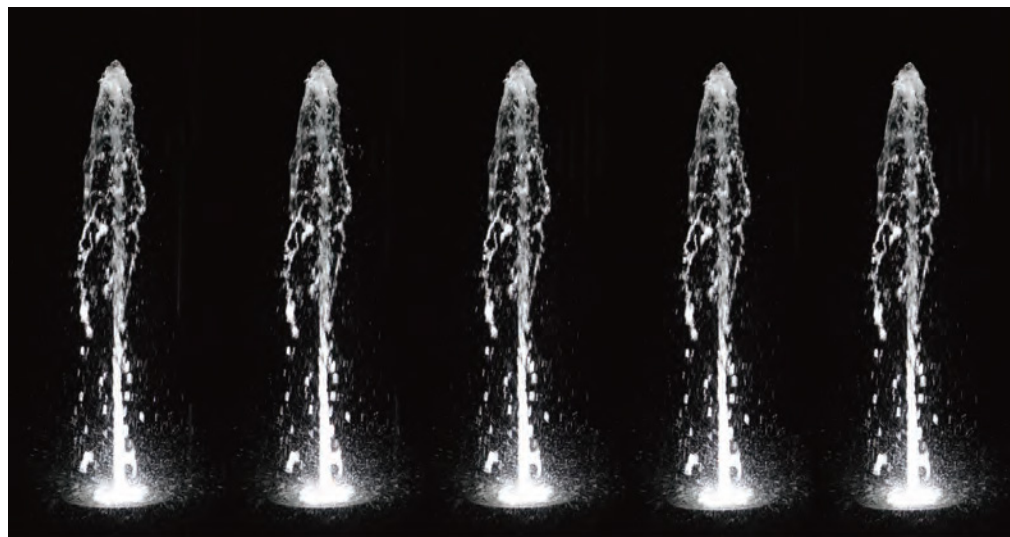
- Effect: laminar water
- Orifice: 12mm
- Vertical pivoting range: 0 ~ 30°
- Max. pressure: 0.5bar
- Max. flow rate: 50l/min
- Max. water depth: 180mm
- Rated voltage of LED light: 24V DC
- Rated power of LED light: 3W
- Light type: LED RGB / RGBW / white light
- Power cable for LED light: 3m STW 18AWG
- Protection Degree of LED light: IP68
- Material: stainless steel 304
- Weight: 17kg

POSSIBLE WATER PARABOLA



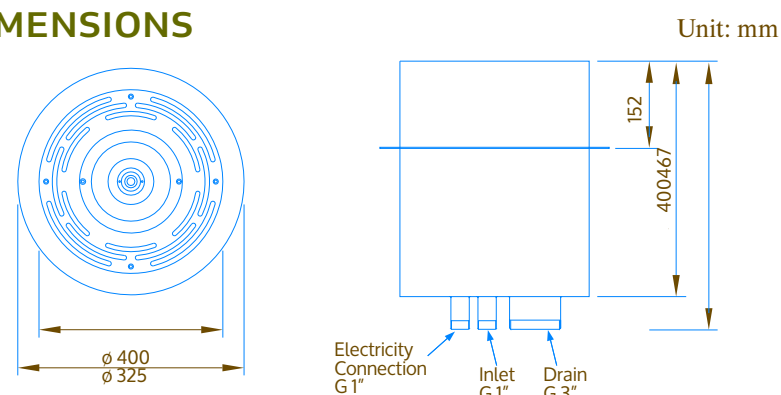
WaterSwitch In The Can

WSIC2520



The WSIC2520 is an exciting interactive unit. Flush-mounted nozzle means no tripping hazards on WSIC2520 for interactive play. LED RGB units produce dramatic evening light shows.

DIMENSIONS



CHARACTERISTICS

- ◆ Nozzle: Column Nozzle
- ◆ Rated voltage of WaterSwitch: 24V DC
- ◆ Power consumption of WaterSwitch: 10W
- ◆ Power cable for WaterSwitch: 3m SJTOW 18AWG
- ◆ Rated voltage of LED light: 24V DC
- ◆ Rated power of LED light: 36W
- ◆ Light type: LED RGB / RGBW / white light
- ◆ Options of LED light: HX182R-24 / HX182R-36T / HX182R-24QD
- ◆ Power cable for LED light: 3m STW 18AWG
- ◆ Protection Degree of LED light: IP68
- ◆ Material: stainless steel 316 / ABS / stainless steel 304
- ◆ Weight: 19kg

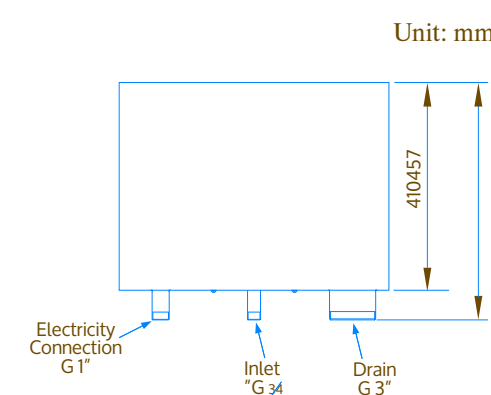
Jumping Jet In The Can

JJIC20-12



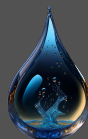
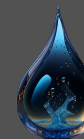
The JJIC20-12 is an exciting interactive unit. The perdue Jumping Jet means no tripping hazards on JJIC20-12 for interactive play. LED RGB units produce dramatic evening light shows.

DIMENSIONS



CHARACTERISTICS

- Effect: laminar water
- Function: cut off
- Max. flow rate: 50l/min
- Max. pressure: 1.2bar
- Rated voltage of LED light: 24V DC
- Rated power of LED light: 6W
- Light type: LED RGB / RGBW / white light
- Power cable for LED light: 3 VDE H05RN-F 2x1.0+3x0.5mm² ◆ Protection Degree of LED light: IP68
- Rated voltage of stepper motor: 24V DC
- Current of stepper motor: 2.1A
- Power cable for stepper motor: 3 STW 18AWG 4*C / VDE H05RN-F 4x1mm²
- Material: stainless steel 304
- Weight: 49kg

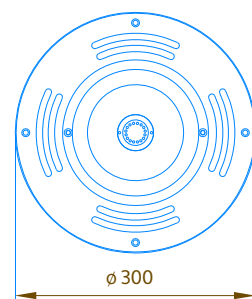


Deck Jet

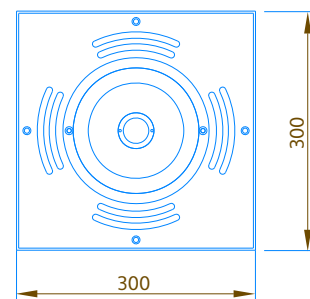
DJ25C/DJ25S

DIMENSIONS

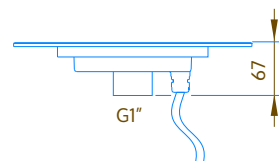
Unit: mm



DJ25C



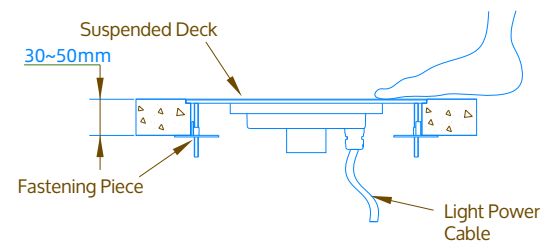
DJ25S



DJ25C



DJ25S



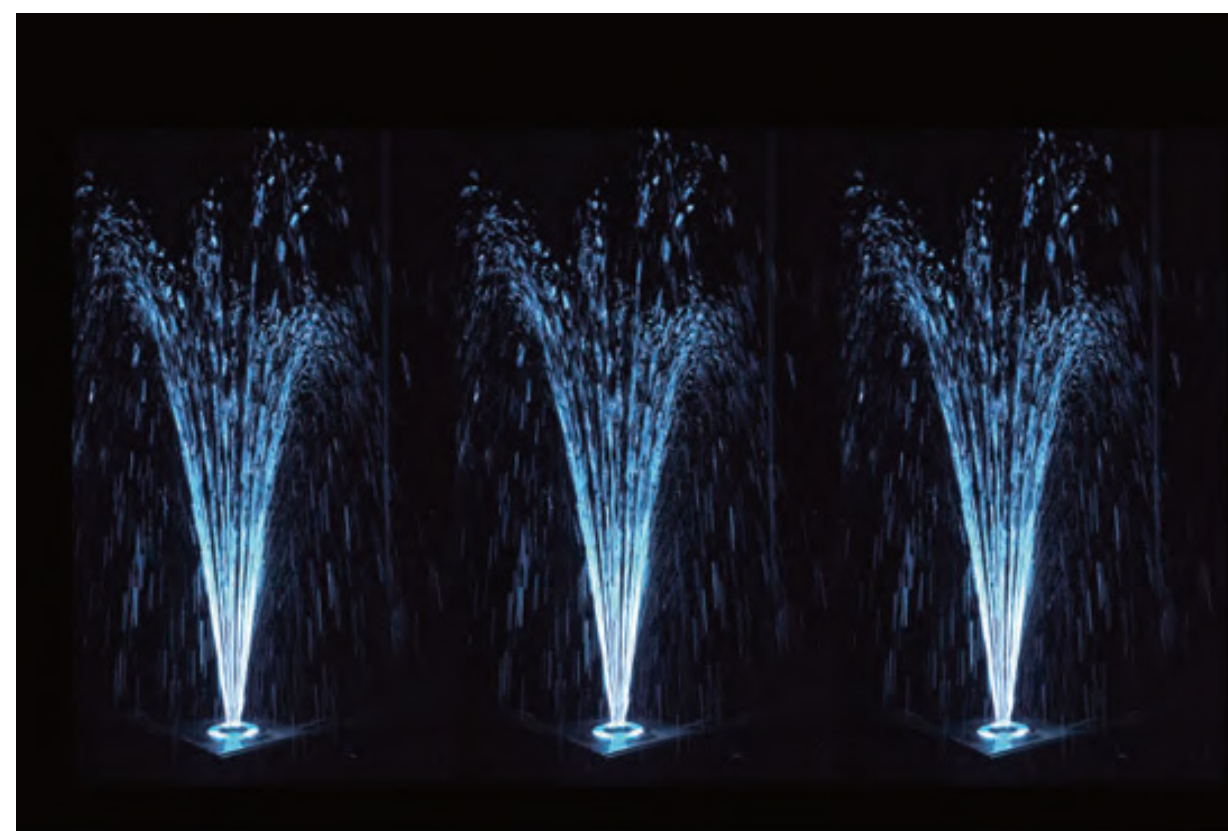
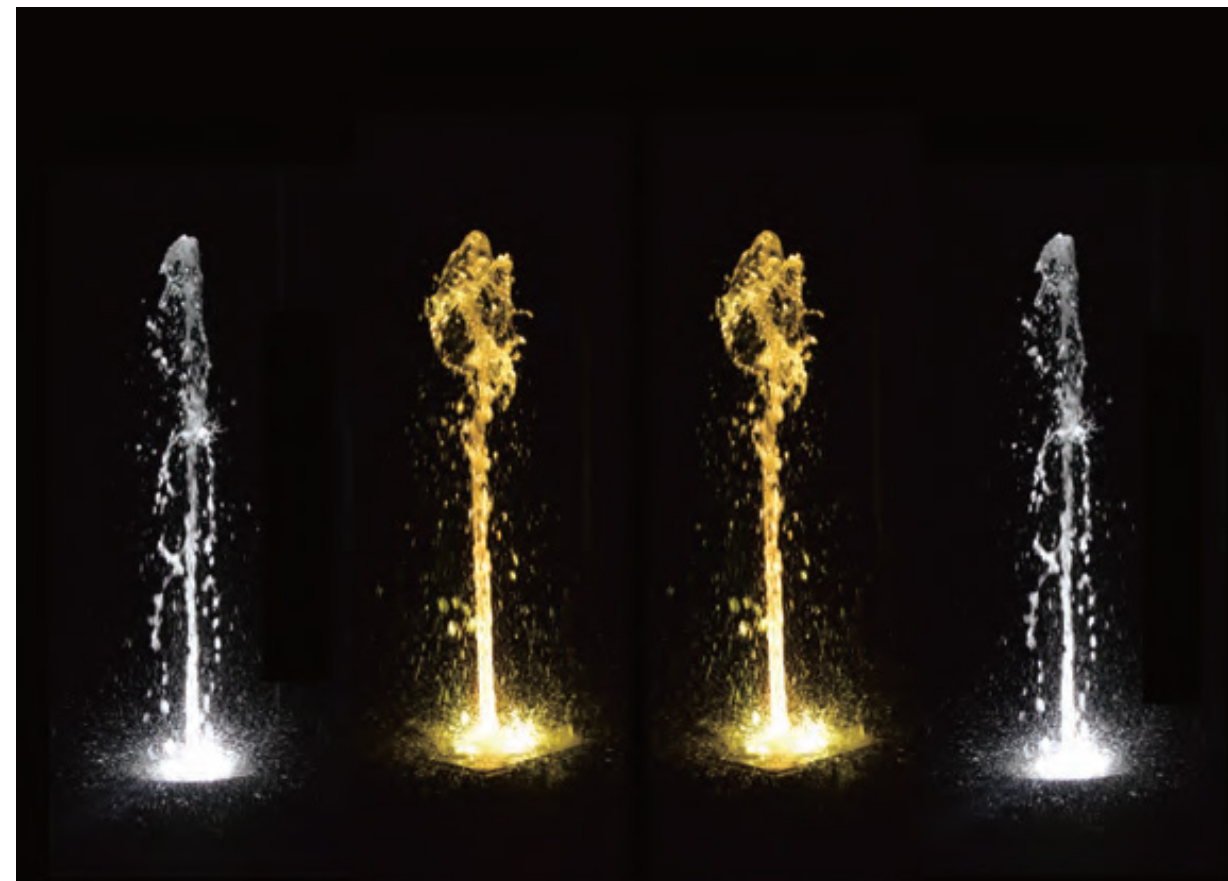
The DJ25C/ DJ25S is an illuminated ground jet.
LED Light units produce dramatic evening light shows.

SPECIFICATION

Flush-mounted nozzle means no tripping hazards on DJ25C/ DJ25S for play.

CHARACTERISTICS

- ◆ Deck: circular / square
- ◆ Options of nozzle: Column nozzle/Angle ring nozzle
- ◆ Rated voltage of LED light: 24V DC
- ◆ Rated power of LED light: 24W / 36W
- ◆ Light type: LED RGB / RGBW / white light
- ◆ Options of LED light:
HX182R-24 / HX182R-36T / HX182R-24QD
- ◆ Material: stainless steel 304

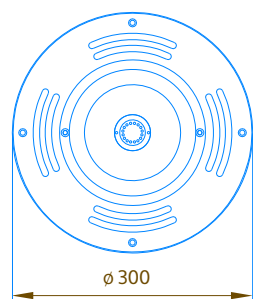


Deck Jet with WaterSwitch

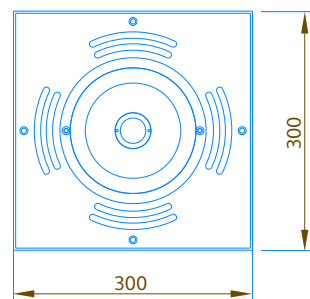
DJWS2520C/DJWS2520S

DIMENSIONS

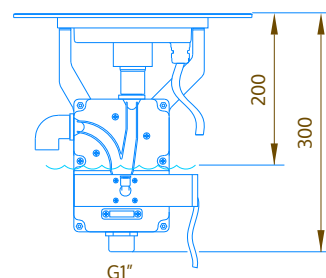
Unit: mm



DJWS2520C



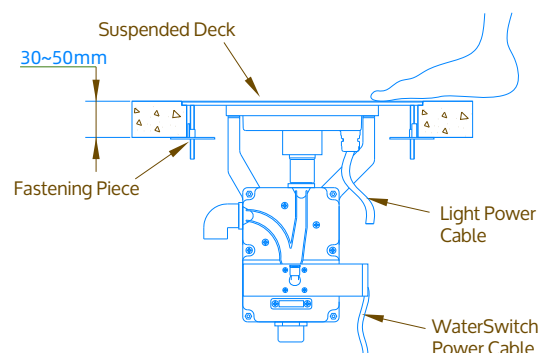
DJWS2520S



DJWS2520C



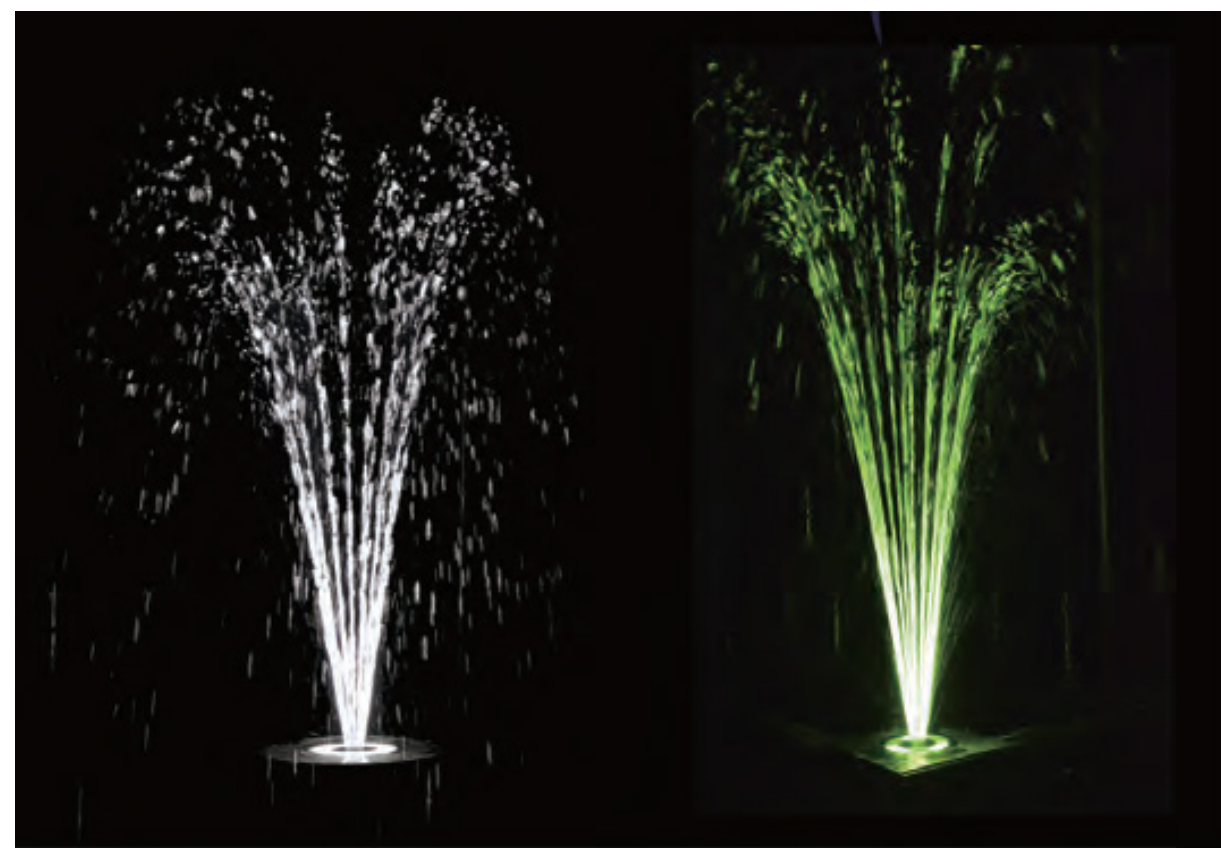
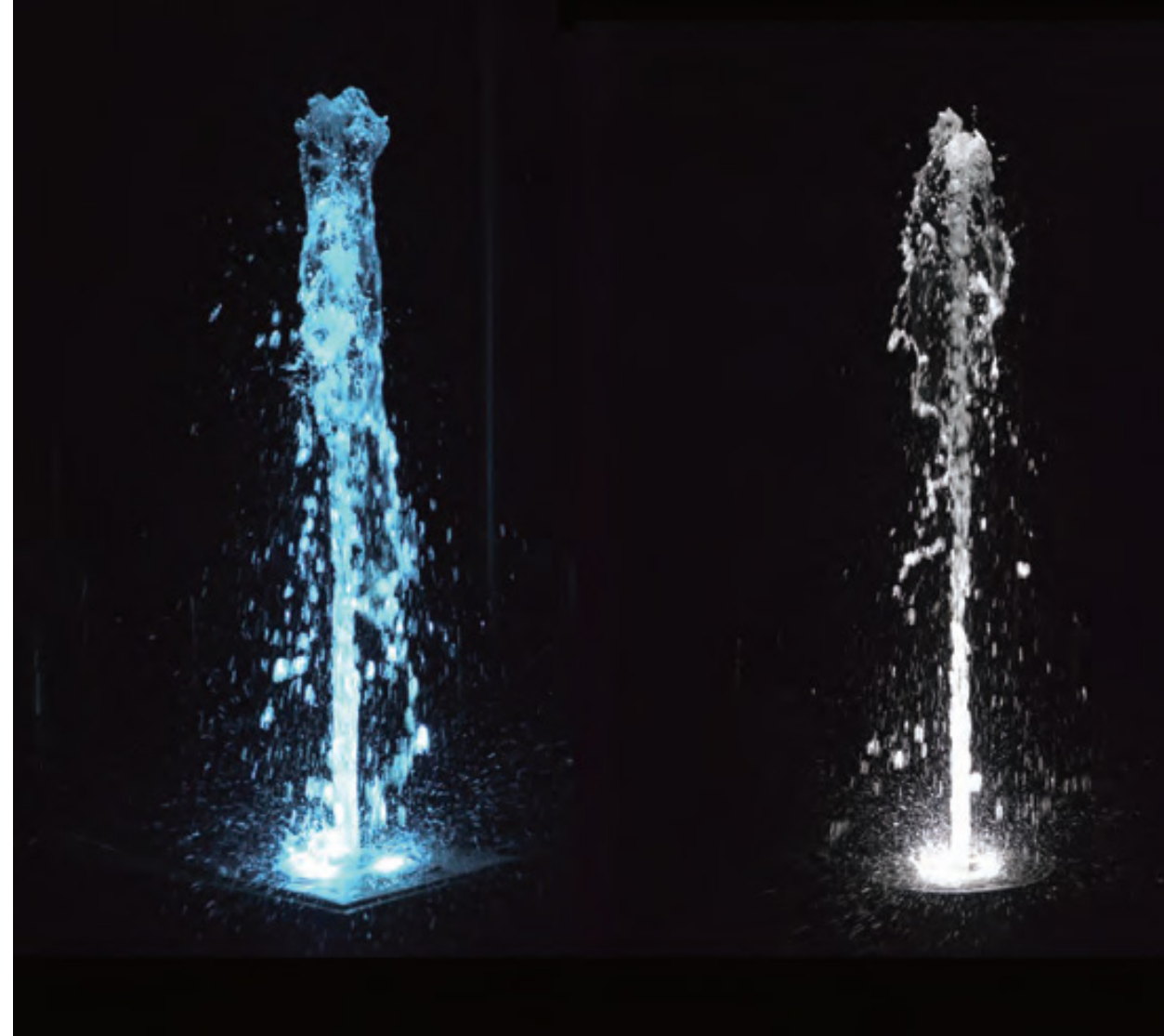
DJWS2520S



The DJWS2520C/ DJWS2520S is an exciting interactive unit that is also safe for interactive play.
LED Light units produce dramatic evening light shows.
Flush-mounted nozzle means no tripping hazards on DJWS2520C/ DJWS2520S for interactive play.

CHARACTERISTICS

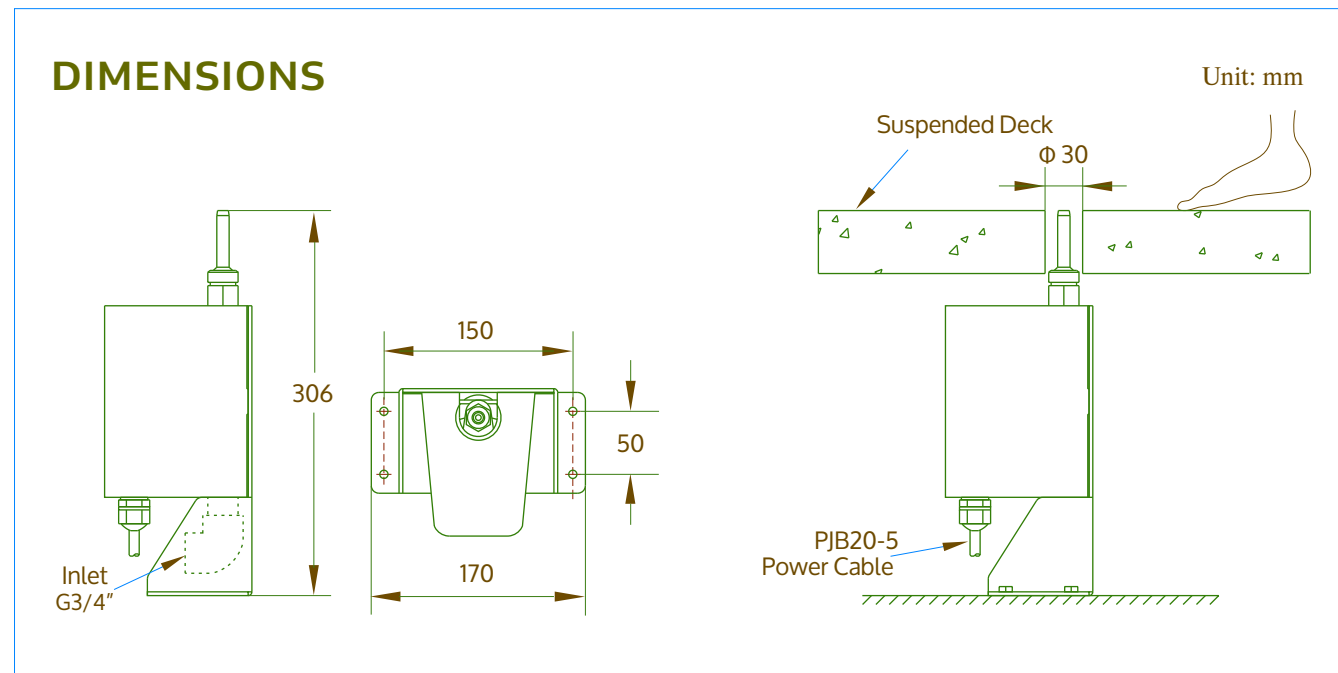
- ◆ Deck: circular / square
- ◆ Options of nozzle: Column nozzle/Angle ring nozzle
- ◆ Rated voltage of WaterSwitch: 24V DC
- ◆ Power consumption of WaterSwitch: 10W
- ◆ Rated voltage of LED light: 24V DC
- ◆ Rated power of LED light: 24W / 36W
- ◆ Light type: LED RGB / RGBW / white light
- ◆ Options of LED light:
HX182R-24 / HX182R-36T / HX182R-24QD
- ◆ Power cable for LED light: 3m STW 18AWG
- ◆ Material: stainless steel 304 / ABS
- ◆ Protection Degree: IP68



Pop Jet

PJB20-5

Pop jet can produces a lively mesmerizing effect with low LPM requirements.
Available in floor mounted versions.



CHARACTERISTICS

- Rated voltage: 24VDC.
- Power consumption: 20W.
- Power cable: 3m STW 18AWG
- Protection Degree: IP68.

MATERIAL

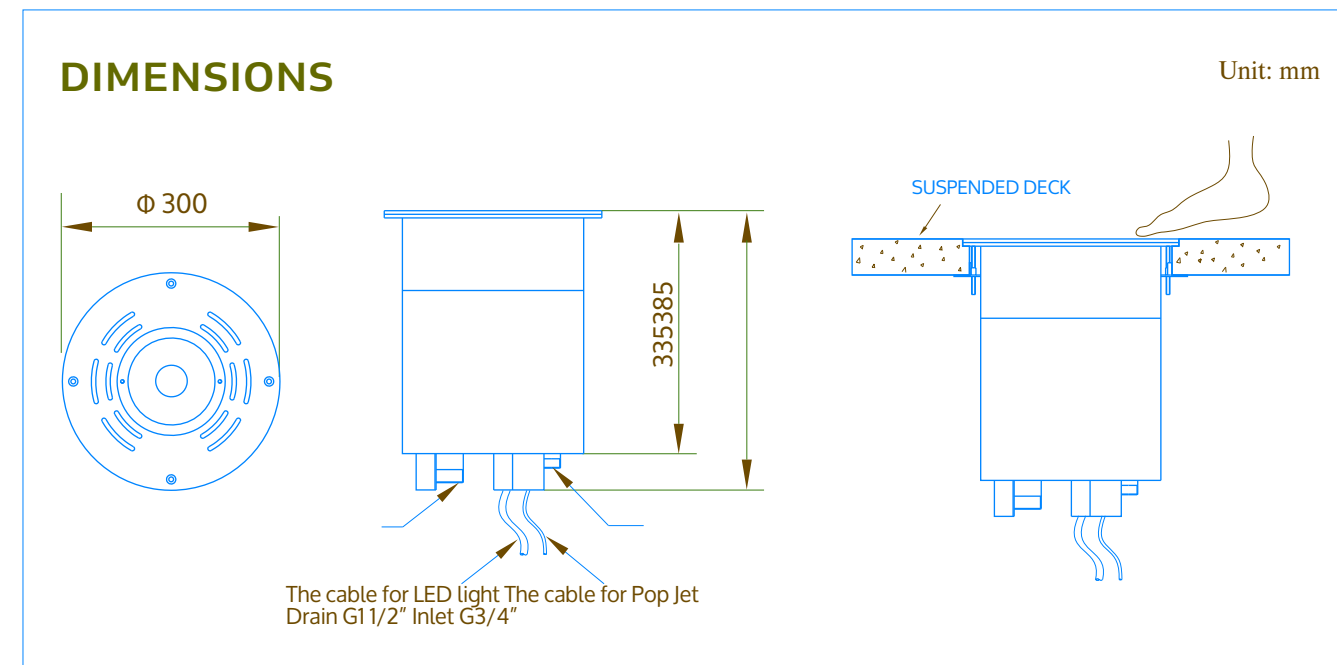
- Nozzle – Brass plated chrome
- Mount – Stainless Steel 304



Pop Jet In The Can

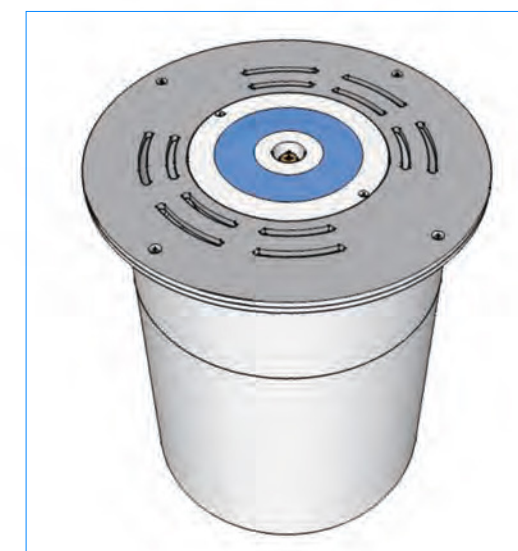
PJIC20-5

The new pop jet unit can be installed underwater or on dry deck.
Water balls popping out of nowhere, produces a lively mesmerizing effect, which becomes focus of attention. In the night, water balls and lighting are synced to a cheerful rhythm.



CHARACTERISTICS

- ◆ Rated voltage of pop jet: 24V DC
- ◆ Power consumption of pop jet: 20W
- ◆ Power cable of pop jet: 3m STW 18AWG
- ◆ Rated voltage of LED light: 24V DC
- ◆ Rated power of LED light: 12W / 18W
- ◆ Light type: LED RGB / RGBW / white light
- ◆ Options of LED light:
HX149R-18 / HX149R-18T / HX149R-12QD
- ◆ Power cable of LED light: 3m STW 18AWG
- ◆ Material: Brass plated chrome, stainless steel 304
- ◆ Protection Degree: IP68

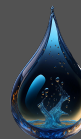


Flow rate
(lpm)

6

7

8



LED Foam Effect Nozzle

FL35-40



LED Cluster Nozzle (FL35-40) Adhering to the design concept of "see the light, not see the light", the LED underwater light and the nozzle are combined with each other.

It reverses the original practice of using a large-diameter ring light in dry spraying, and reduces the diameter of the slate opening on site to 55mm.

The use of different types of acrylic nozzles to achieve different water discharge effect, thus meeting different design needs.

Built-in RGBW 4in1 LED underwater light containing built-in decoder.

Can be directly controlled by DMX512 signals, rather than requiring additional external light decoder to control like traditional light, thus reducing the amount of space occupied in the control cabinet, and at the same time play a role in reducing the cost of equipment and pre-built cables.

Equipment Specifications

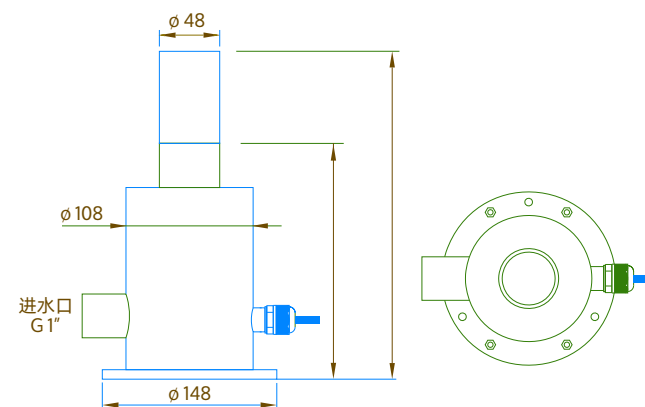
- ◆ Dimensions (L×W×H):
195mm×148mm×285mm
- ◆ Material:
Stainless steel 304 housing,
Acrylic nozzle
- ◆ weight: 3.6kg

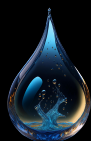
Built-in LED Light Specifications

- Built-in decoder
- Light source: RGB/RGBW
- Lens: 10°
- Rated voltage: 24V DC
- Rated current: 250(mA)
- Rated power: 6(W)
- luminance: 270(lm)

DIMENSIONS

Unit: mm





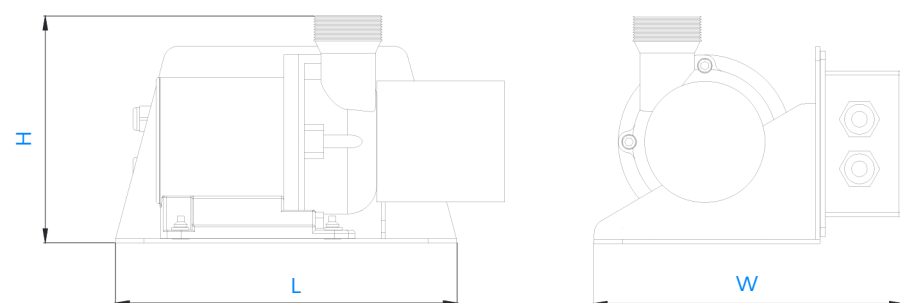
Controllable Pumps

VP-80/VP-150/VP-200

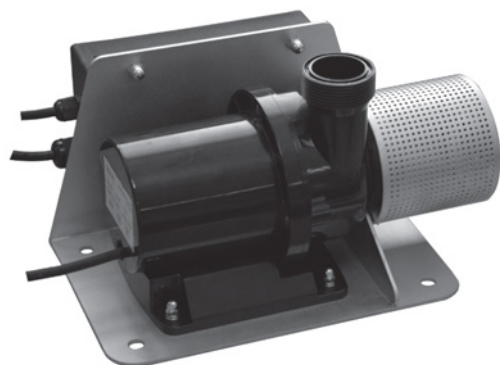
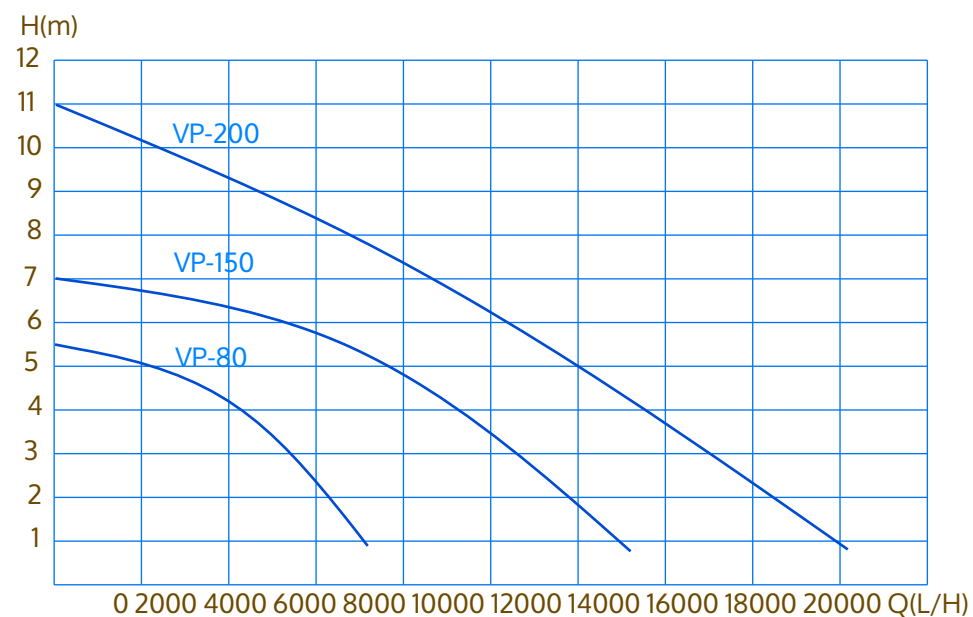
DIMENSIONS

Unit: mm

Type	L	W	H
VP-80	173	240	136
VP-150	218	240	160
VP-200	218	240	160

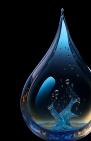


PERFORMANCE



CHARACTERISTICS

- ◆ Quiet and high efficient BLDC motor driven water pump,high efficient design of volute and impeller.
- ◆ Dry running protection
If pump is running without water,it will stop automatically to prevent failure from wear.
- ◆ Over heat protection
Pump will stop running if the motor temperature is high.
- ◆ Over current protection
To prevent motor failure from shortening.
- ◆ DMX signal to control pump speed
Input DMX signal to control pump stop or start and adjust speed.
- ◆ Stand-by model of lowest speed
Pump is run at lowest speed.
- ◆ IP68,submersible or dry installation
Install submersed or dry to make dry or inner water fountain.
- ◆ FOC driver,exactly stable speed control
- ◆ 0.6 second speed ramp from stand-by mold to max speed
Fastest seep reaction to ensure better fountain cense.



Controllable Pumps

VP05 Series

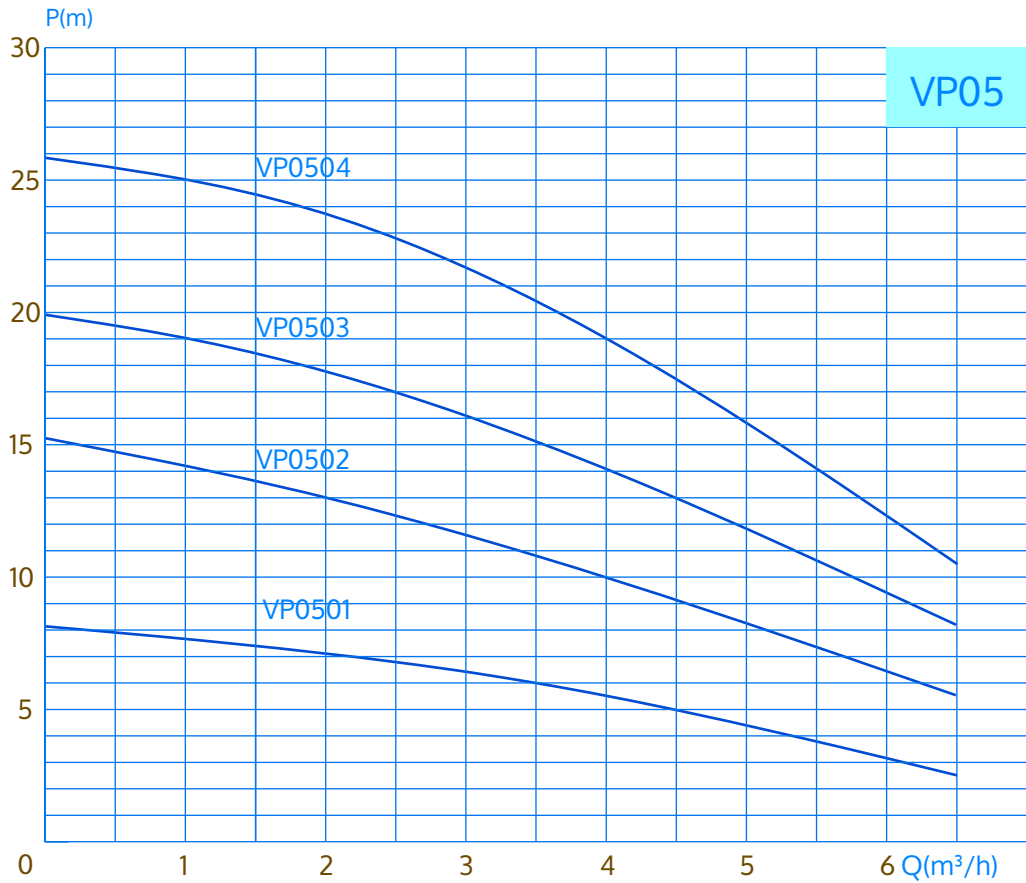


CHARACTERISTICS

- ◆ Must be used underwater
- ◆ Over heat protection
Pump will stop running if the motor temperature is high.
- ◆ Over current protection
To prevent motor failure from shortening.
- ◆ Controllable pump casing, impeller and other components are made of stainless steel 304, corrosion resistance, suitable for freshwater, swimming pool water and other water environments.
- ◆ 24V DC brushless motor adopts the form of synchronous motor with permanent magnet rotor, the rotating speed is strictly according to the rotating speed of the stator magnetic field, the fountain effect is more stable and delicate.
- ◆ DMX512 protocol communication speed regulation, in the fountain project application, can be directly connected with the fountain or lighting control system, without the need of equip frequency converter and cumbersome communication conversion program. Compared to the traditional analog quantity control it will behigher precision and less interference.



PERFORMANCE



Type	VP0501	VP0502	VP0503	VP0504
Control signal	DMX			
Input Voltage	24V DC			
Working current(A)	11	19	27	30
Rated Power(W)	250	400	600	600
Total length(mm)	450	471	492	513
Total weight(kg)	7.2	7.4	7.7	7.9
Diameter of pump(mm)	Φ98			
Diameter of motor(mm)	Φ96			
Rotate speed(r/min)	3000			
Outlet (internal thread)	DN40			
Protection class	IP68			
Application environment	temperature of water between -20°C~40°C, Submerged depth of more than 20cm			
Power cable	2-core waterproof cable			
DMX Signal Cable	Shielded Twisted Pair cable			
Material	Stainless steel 304			

Controllable Pumps

VP08 Series

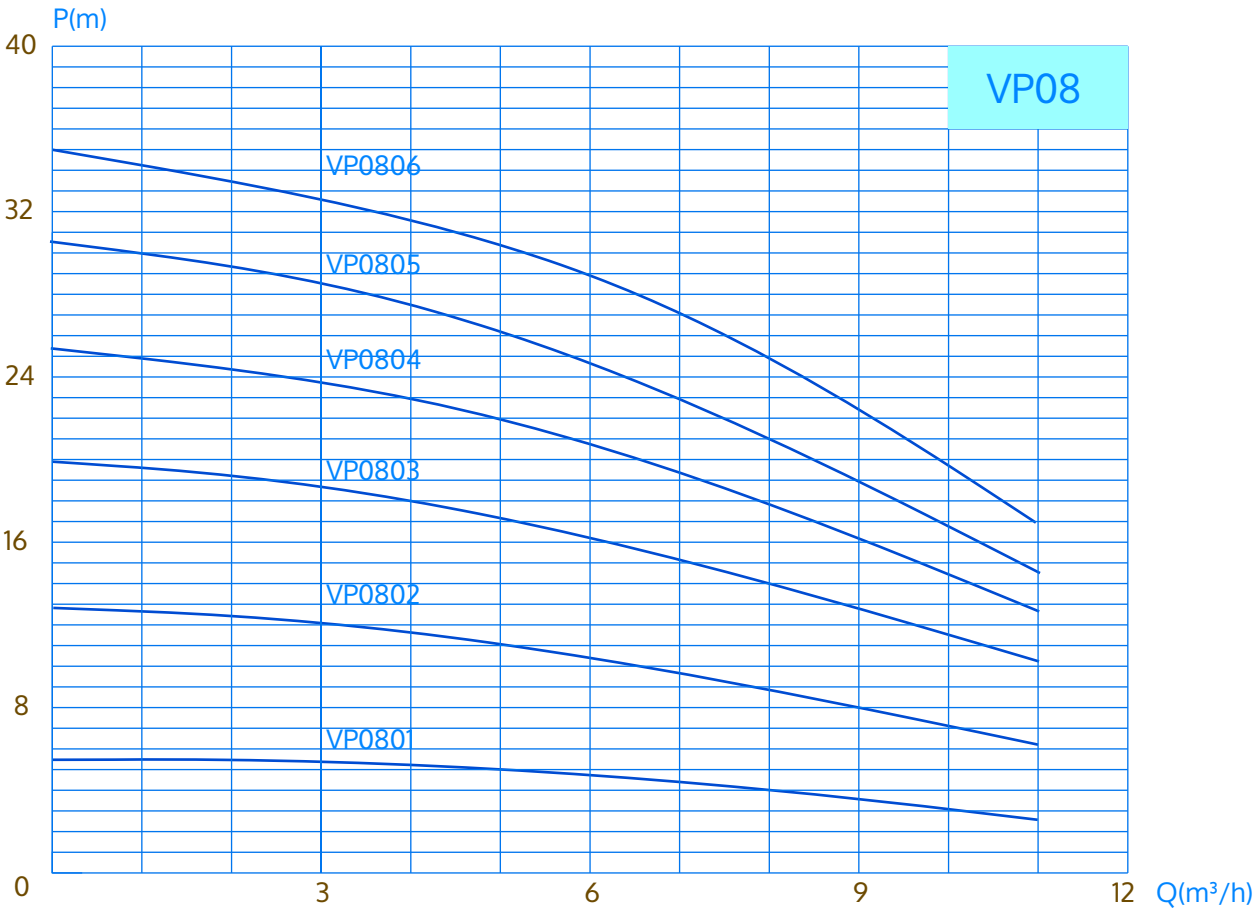


CHARACTERISTICS

- ◆ Must be used underwater
- ◆ Over heat protection
Pump will stop running if the motor temperature is high.
- ◆ Over current protection
To prevent motor failure from shortening.
- ◆ Controllable pump casing, impeller and other components are made of stainless steel 304, corrosion resistance, suitable for freshwater, swimming pool water and other water environments.
- ◆ 24V DC brushless motor adopts the form of synchronous motor with permanent magnet rotor, the rotating speed is strictly according to the rotating speed of the stator magnetic field, the fountain effect is more stable and delicate.
- ◆ DMX512 protocol communication speed regulation, in the fountain project application, can be directly connected with the fountain or lighting control system, without the need of equip frequency converter and cumbersome communication conversion program. Compared to the traditional analog quantity control it will behigher precision and less interference.



PERFORMANCE



Type	VP0801	VP0802	VP0803	VP0804	VP0805	VP0806
Control signal	DMX					
Input Voltage	24V DC					
Working current(A)	17	25	30	37	45	51
Rated Power(W)	400	600	900	1200	1400	1600
Total length(mm)	495	537	579	621	663	705
Total weight(kg)	7.8	8.3	8.7	9.2	9.8	10.8
Diameter of pump(mm)	Φ98					
Diameter of motor(mm)	Φ96					
Rotate speed(r/min)	3000					
Outlet (internal thread)	DN50					
Protection class	IP68					
Application environment	temperature of water between -20℃~40℃, Submerged depth of more than 20cm					
Power cable	2-core waterproof cable					
DMX Signal Cable	Shielded Twisted Pair cable					
Material	Stainless steel 304					

Controllable Pumps

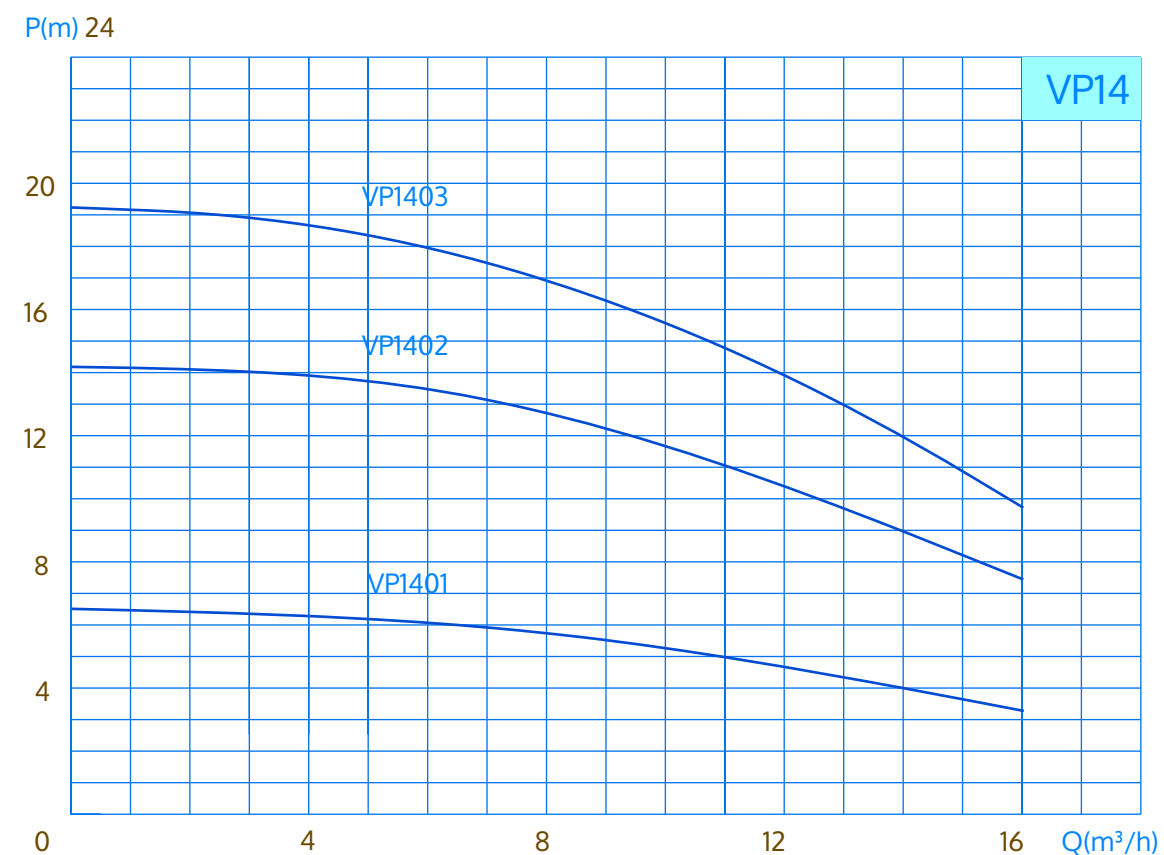
VP14 Series



CHARACTERISTICS

- ◆ Must be used underwater
- ◆ Over heat protection
Pump will stop running if the motor temperature is high.
- ◆ Over current protection
To prevent motor failure from shortening.
- ◆ Controllable pump casing, impeller and other components are made of stainless steel 304, corrosion resistance, suitable for freshwater, swimming pool water and other water environments.
- ◆ 24V DC brushless motor adopts the form of synchronous motor with permanent magnet rotor, the rotating speed is strictly according to the rotating speed of the stator magnetic field, the fountain effect is more stable and delicate.
- ◆ DMX512 protocol communication speed regulation, in the fountain project application, can be directly connected with the fountain or lighting control system, without the need of equip frequency converter and cumbersome communication conversion program. Compared to the traditional analog quantity control it will behigher precision and less interference.

PERFORMANCE



Controllable Pumps

VP17 Series

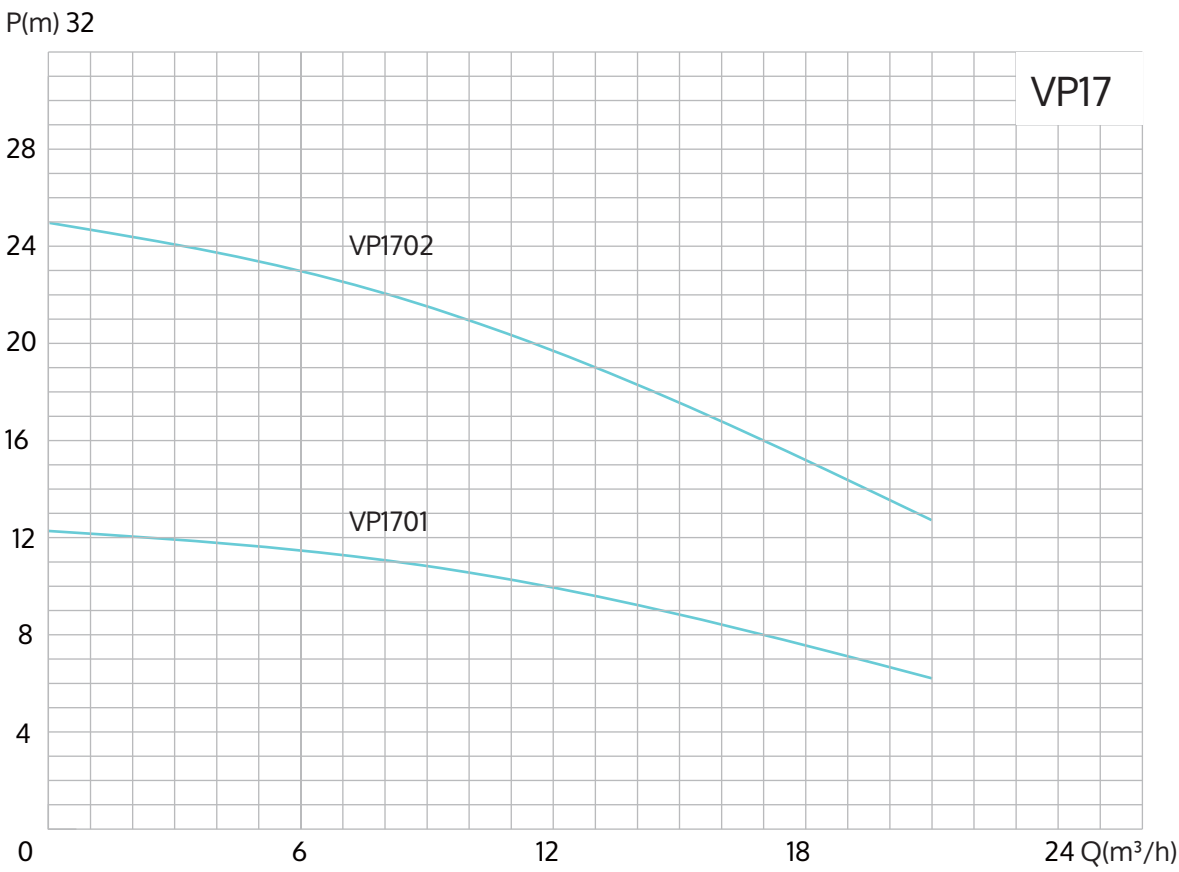


CHARACTERISTICS

- ◆ Must be used underwater
- ◆ Over heat protection
Pump will stop running if the motor temperature is high.
- ◆ Over current protection
To prevent motor failure from shortening.
- ◆ Controllable pump casing, impeller and other components are made of stainless steel 304, corrosion resistance, suitable for freshwater, swimming pool water and other water environments.
- ◆ 24V DC brushless motor adopts the form of synchronous motor with permanent magnet rotor, the rotating speed is strictly according to the rotating speed of the stator magnetic field, the fountain effect is more stable and delicate.
- ◆ DMX512 protocol communication speed regulation, in the fountain project application, can be directly connected with the fountain or lighting control system, without the need of equip frequency converter and cumbersome communication conversion program. Compared to the traditional analog quantity control it will behigher precision and less interference.



PERFORMANCE



Type	VP1701	VP1702
Control signal	DMX	
Input Voltage	24V DC	
Working current(A)	36	57
Rated Power(W)	1200	1600
Total length(mm)	597	657
Total weight(kg)	10.5	11.6
Diameter of pump(mm)	Φ131	
Diameter of motor(mm)	Φ 96	
Rotate speed(r/min)	3000	
Outlet (internal thread)	DN65	
Protection class	IP68	
Application environment	temperature of water between -20℃~40℃, Submerged depth of more than 20cm	
Power cable	2-core waterproof cable	
DMX Signal Cable	Shielded Twisted Pair cable	
Material	Stainless steel 304	

Controllable Pumps

VP30 Series

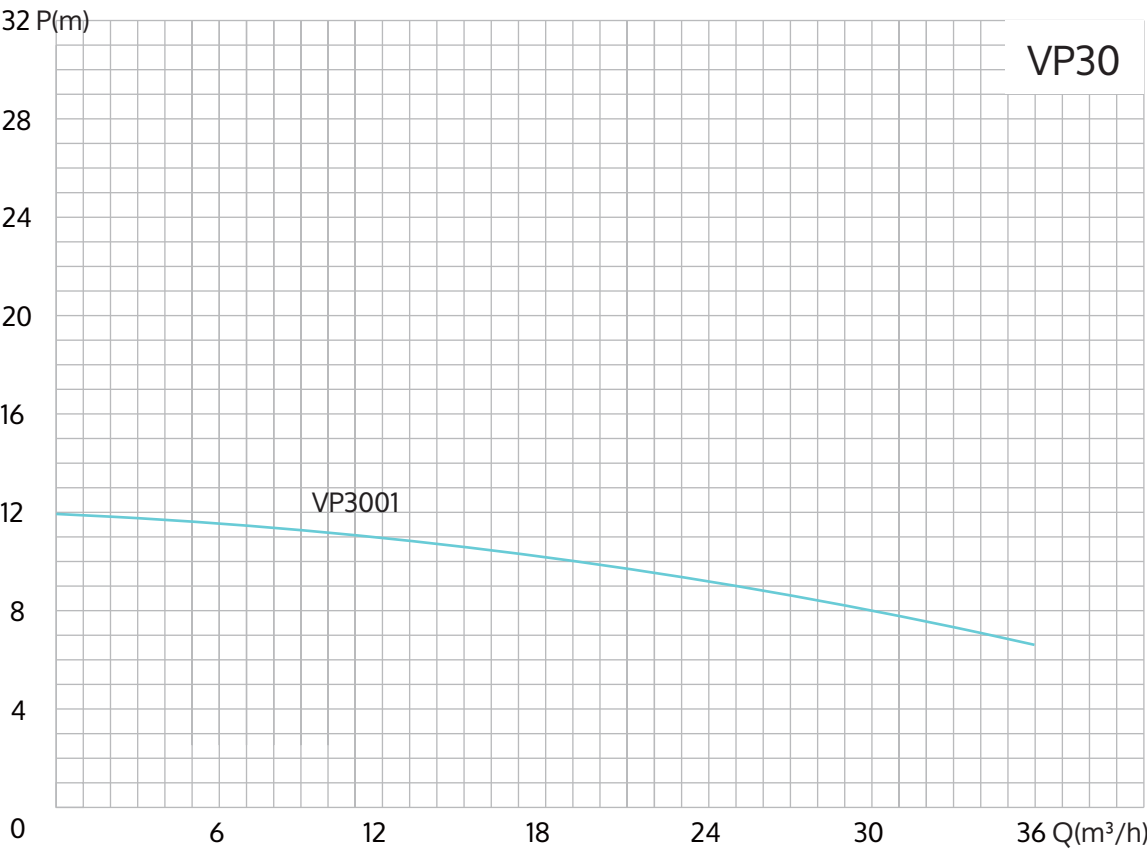


CHARACTERISTICS

- ◆ Must be used underwater
- ◆ Over heat protection
Pump will stop running if the motor temperature is high.
- ◆ Over current protection
To prevent motor failure from shortening.
- ◆ Controllable pump casing, impeller and other components are made of stainless steel 304, corrosion resistance, suitable for freshwater, swimming pool water and other water environments.
- ◆ 24V DC brushless motor adopts the form of synchronous motor with permanent magnet rotor, the rotating speed is strictly according to the rotating speed of the stator magnetic field, the fountain effect is more stable and delicate.
- ◆ DMX512 protocol communication speed regulation, in the fountain project application, can be directly connected with the fountain or lighting control system, without the need of equip frequency converter and cumbersome communication conversion program. Compared to the traditional analog quantity control it will behigher precision and less interference.



PERFORMANCE

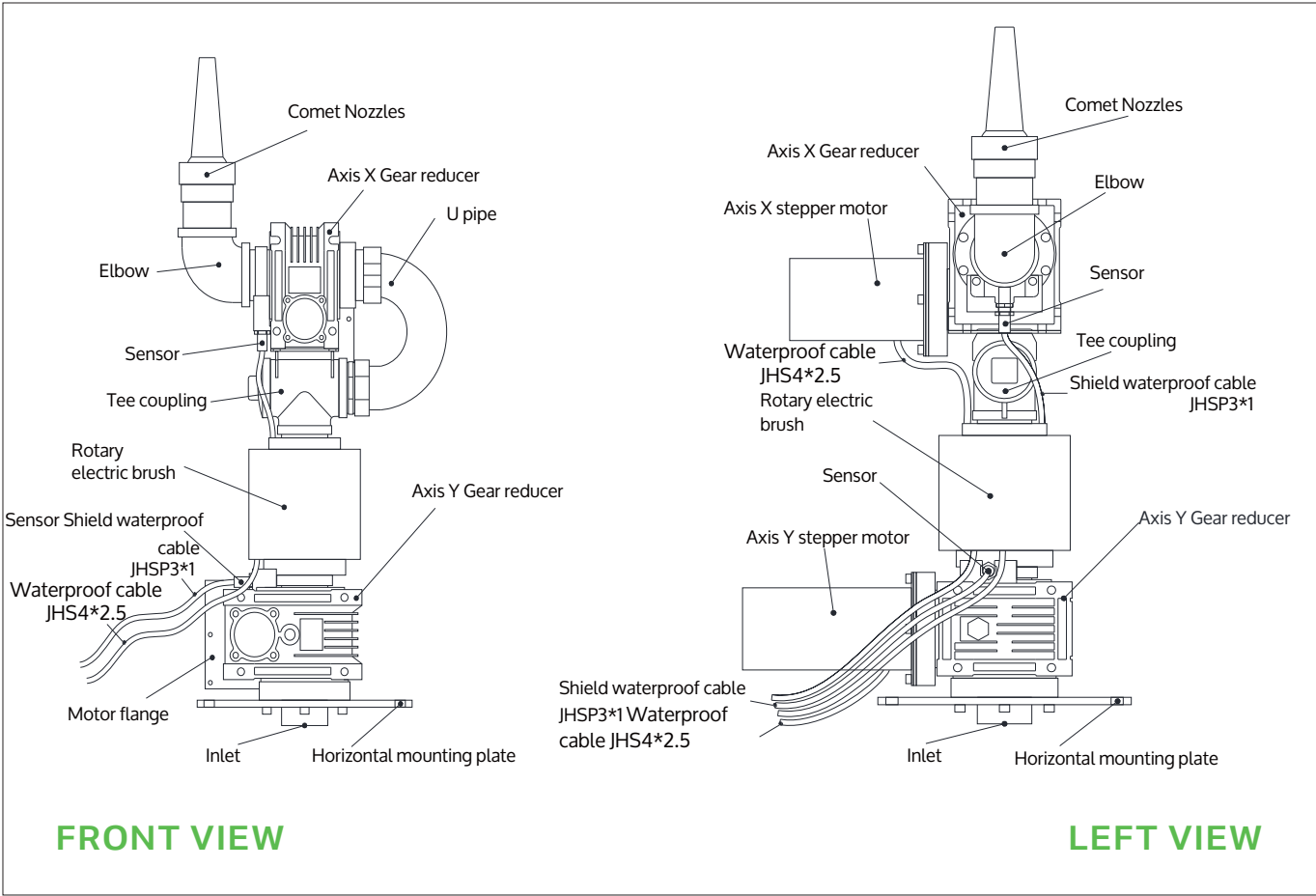


Type	VP3001
Control signal	DMX
Input Voltage	24V DC
Working current(A)	67
Rated Power(W)	1600
Total length(mm)	632
Total weight(kg)	12.1
Diameter of pump(mm)	Φ131
Diameter of motor(mm)	Φ96
Rotate speed(r/min)	3000
Outlet (internal thread)	DN65
Protection class	IP68
Application environment	temperature of water between -20℃~40℃, Submerged depth of more than 20cm
Power cable	2-core waterproof cable
DMX Signal Cable	Shielded Twisted Pair cable
Material	Stainless steel 304



Two-dimension Swivel Jet

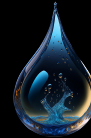
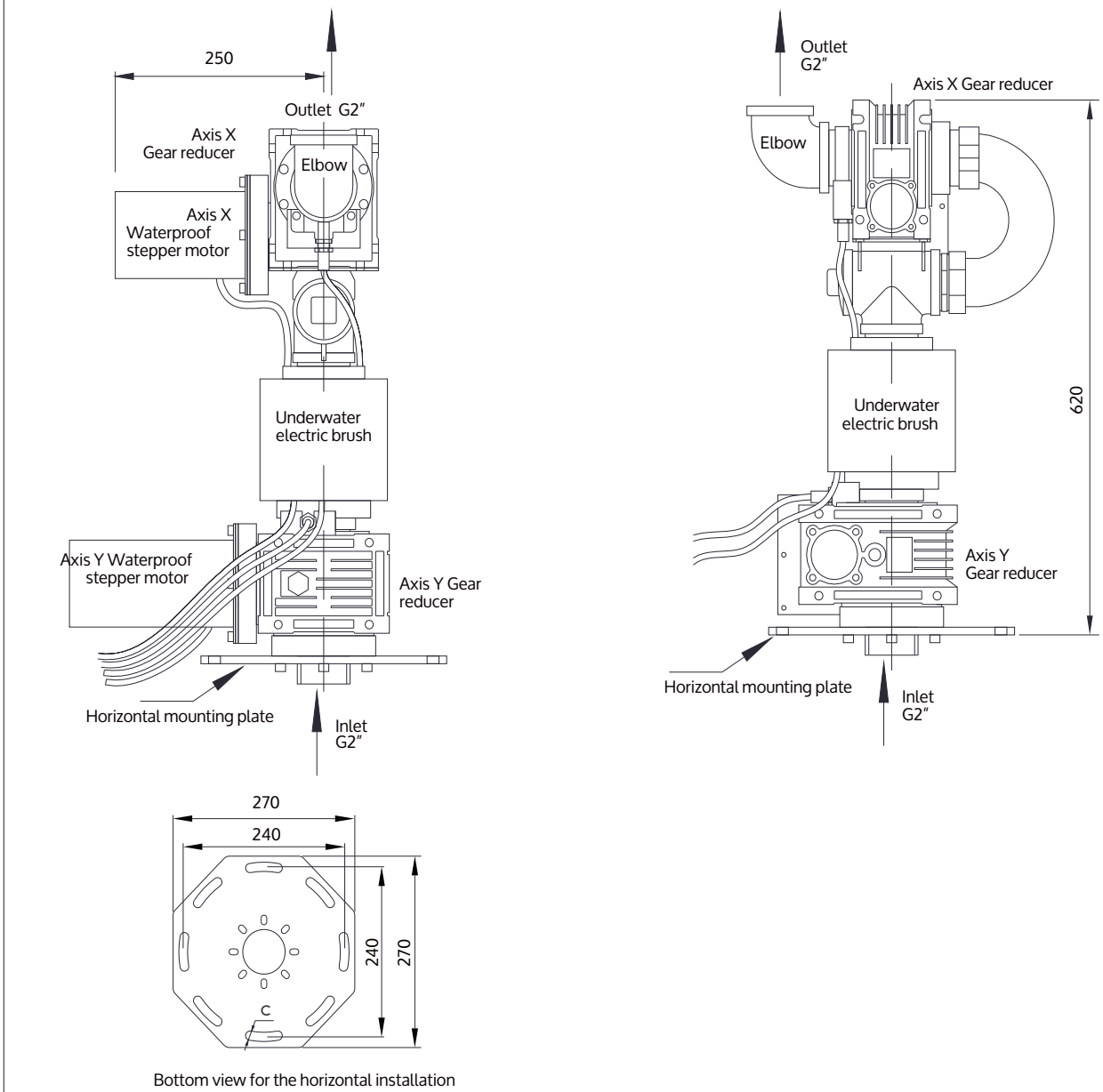
HXL2-50S

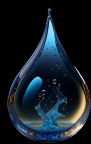


Order NO.	HXL2-50S	
	Axis X	Axis Y
Material	Stainless steel 304	
Worm gear ratio	1:10	1:10
Max transmission distance via cable	500m	500m
Stepper motor voltage	80V AC	80V AC
Stepper motor power	300W	350W
Max torque of stepper motor	6 n.m	8 n.m
Sensor Input voltage	24V DC	24V DC
Max spray high	18m	18m
Max speed	75	40
180° round trip (times/minute)	42	30
90° round trip (times/minute)	70	50
45° round trip (times/minute)	135	60
5° round trip (times/minute)	1200	/
Weight	40 kg	
Power cable	1m	

DIMENSIONS

Unit: mm





Digital Water Curtain

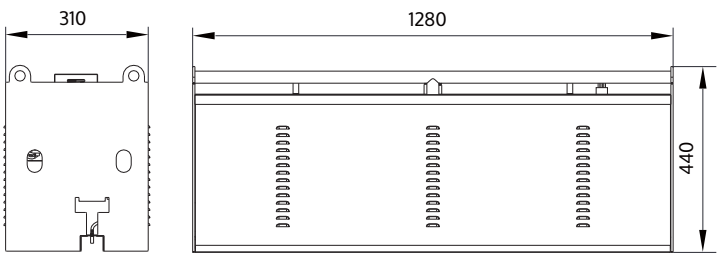
DWC-128



This water curtain is particularly attractive in public areas such as shopping malls, office complexes, luxury hotels and theme parks. The unique arrangement of the nozzles produces an unique magic waterfall with high visibility. Thanks to the fast reacting valve technology, we can also programme a variety of patterns on the water wall to convey text and graphic messages for our customers.

DIMENSIONS

Unit: mm

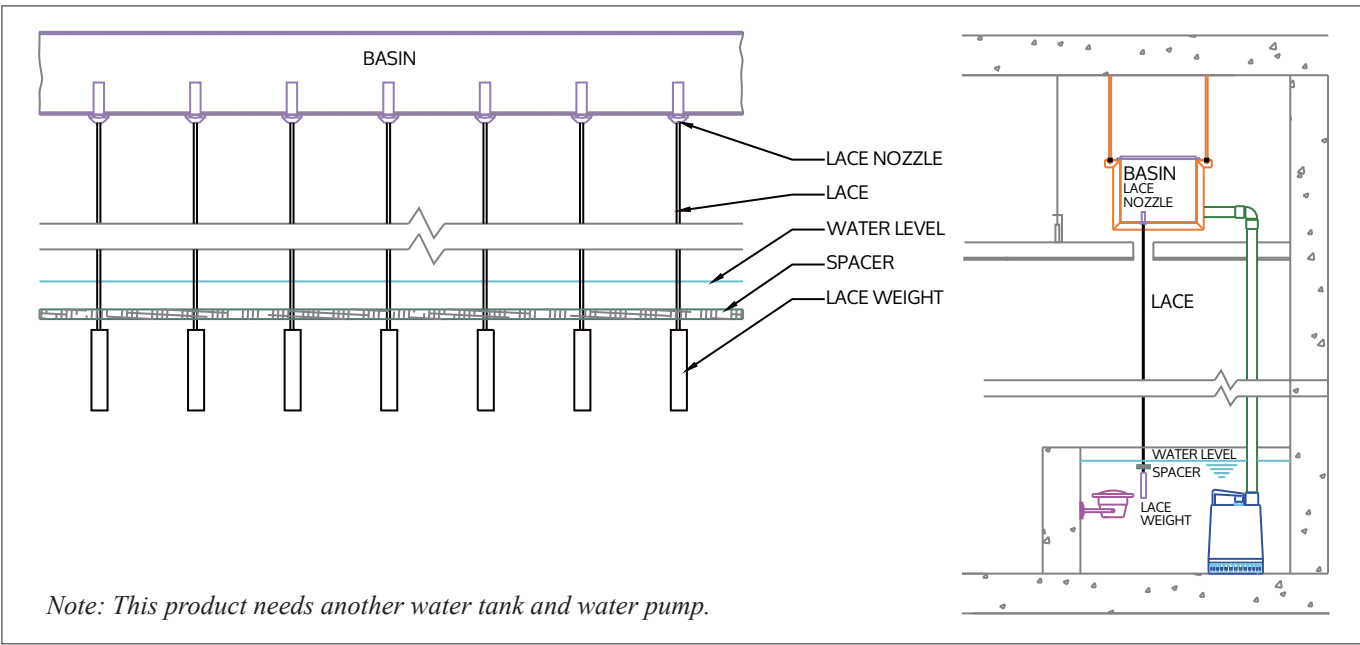


Type	DWC-128
Material	SS304
Amount of valve	64
Amount of nozzle	128
Nozzle diameter	4.5mm
Distance between the nozzles	10mm
Power consumption	800W
Water consumption	50lpm
Weight dry	65kg
Weight filled with water	115kg

CHARACTERISTICS

- Precise valve control via DMX.
- ◆ Recommended max. height: 10m.
- ◆ 110-240V AC 50/60 Hz power supply.
- ◆ Modular digital water curtain system: curved/straight
- ◆ Accurately defined text and graphics displays 800W due to fast reacting valve technology.
- ◆ Closely packed nozzle/valve arrangement to ensure high resolution.

Mylar Lace Drip

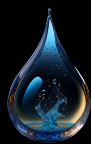
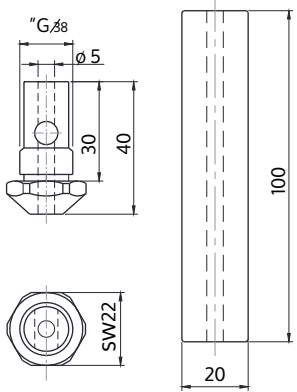


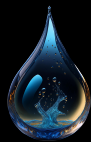
The Mylar Lace Drip contains a plurality of lace nozzles and a corresponding number of adjustable clear Mylar PET lace and lace weights. This type of fountain provides not only a tranquil relaxing feeling for a busy environment but also a beautiful divide as an architectural feature. Provide customized matching water tank (304 stainless steel material) service.



Type	Water demand lpm	Material	Weight kg
Nozzle for mylar lace	0.5	Brass	0.06
Mylar lace		PET	0.15
Lace weight		Brass	0.23

DIMENSIONS Unit: mm





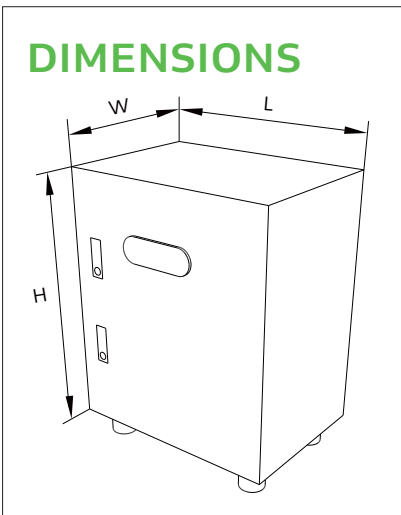
Fog Machine



CHARACTERISTICS

- BERTOLINI plunger pump, made in Italy. ♦ ABB brand electric motor
- Pump and motor are integrated, motor directly drives the pump. Reduced galling noise.
- Pressure sensor to ensure the water inflow.
- Tank fitted with water level detector.
- Membrane filter.
- Integrated controller.

DIMENSIONS



PERFORMANCE

Type	Flow rate lpm	Pressure bar	Power kW	Load qty. of fog nozzle CF-15S CF-20S		L×W×H mm
HX50-1.1	4	≥90	1.1	50-60	40-50	800×600×1000
HX85-1.5	8.5	≥90	1.5	90-100	80-90	
HX120-2.2	12	≥90	2.2			
HX150-3.0	15	≥90	3.0	130-150	120-130	
HX210-4.0	23	≥90	4.0	160-180	150-160	
HX300-5.5	30	≥90	5.5	230-250	210-230	900×700×1200
				330-350	300-310	

Flaming Water Jet

WAF5040



The design of Flaming Water Jet breaks the conventional thinking. Water and fire are two opposite natural elements can be programmed to stay and dance together beautifully. Flaming Water Jet can be adjusted within 25 degree to give either a vertical or a parabolic effect of flaming water. The spray height can be programmed to match flirtatious dancing flame and create a spectacular water and fire show.

CHARACTERISTICS

- Spray height : 5m (gentle breeze below)
- Rated voltage : AC110V / AC220V
- Total power : 600W
- Weight : 55kg
- Material : SS304
- bottled gas (propane) (client supplied)
- Bunkers flow rate : 12kg/h, 0.4MPa

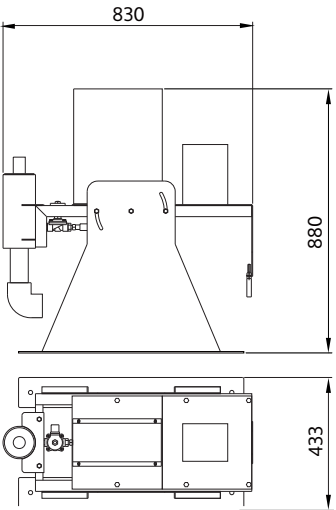
PERFORMANCE

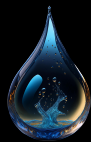
Type	WAF5040	
Ht.	P	Q
m	bar	lpm
0.5	0.1	128
0.75	0.2	156
1	0.3	175
1.5	0.5	222
2	0.6	266
3	1.1	344
4	1.6	422
5	2.1	500

- Ht. = Spray height (m)
- P = Pressure demand (bar)
- Q = Flow rate (lpm)

DIMENSIONS

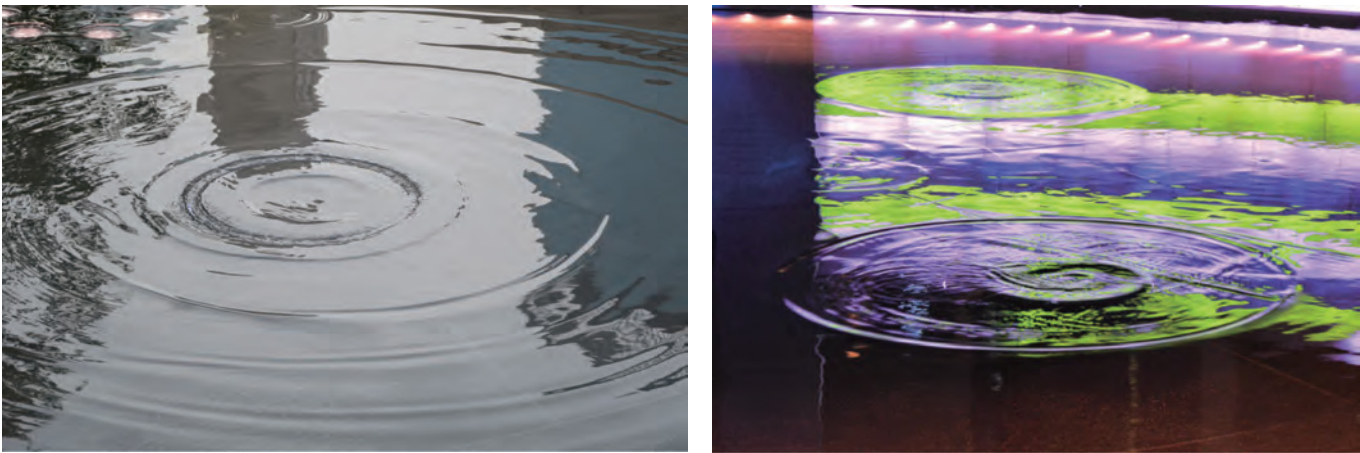
Unit: mm





Ripper Generator

RP500/RP750



When the ripples, lights and the still pool intermingle, they form a harmonious unity of motion and stillness. In the hustle and bustle of the city, such beauty is like a sparkling landscape that is refreshing to the mind.

The Ripple Generator uses a ring nozzle design that sprays at the proper flow rate to create concentric wrinkles or ripples inward and outward. This causes beautiful ripples on still water.As the ripples gradually move away from the nozzle, their dynamics diminish and tranquility is restored to the water in the pool.

The source of these visual waves can be hidden with appropriate installation.By using DMX pump control system to control the time of switching on and off, as well as the operational speed of the pump, to change the frequency of the creation of waves, in accordance with the timing of turning on and off the lights, the different effects can be delivered along with multi-sets designing of a ripple fountain.

ARCHITECTURAL SPECIFICATION FOR INTEGRATION

The integrated design of the ripple generator needs to meet some special requirements in order to be able to appreciate the ripple effect at its best. To ensure that the ripples are not visually jarring or obvious, the ripple-generating nozzles need to be hidden in a very specific way.Factors such as the material and color of the pool finish can affect the ripples' effect and visual perception.

Therefore, designers need to consider all factors to create the best ripple effect.

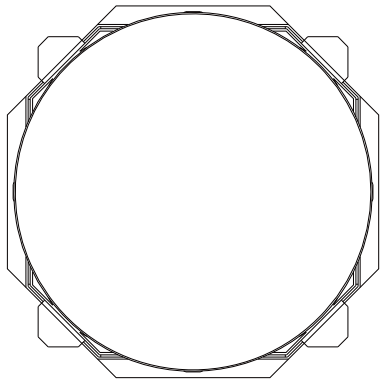
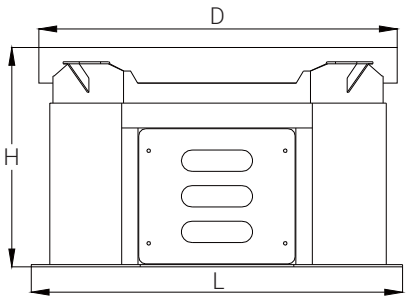
- The ripple generator shall be installed in a mirror pool with circulating water replenishment.
- Water level over nozzle should be 5-8mm.
- Pool finishes recommended to be black/dark.

Only test tops are provided, users need to provide their own tops of the same color and material as the pool for official use.

We recommend a site analysis of the pool area prior to implementation as lighting conditions may have impact on the final display.

DIMENSIONS

Unit: mm

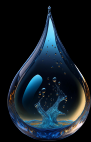


CHARACTERISTICS

- ◆ Wave System
- ◆ Ideal for calm reflective pool
- ◆ Delivered as a complets unit for integration with pool structure and finishes
- ◆ Two ring nozzle sizes available
- ◆ Main mechanical parts comprising of controllable pump,underwater decoder and neon flex
- ◆ Argentate coated stainless steel design
- ◆ Protection class: IP68
- ◆ Power cable: 2 x 1 VDE
DMX cable: 3 x 0.75 VDE

PERFORMANCE

Type	RP500	RP750
Ring nozzle diameter(mm)	Φ 500	Φ 750
Dimension=L×W×H(mm)	522×522×308	784×784×308
Power consumption of max(W)	430	600
Nominal voltage	24V DC	24V DC
Protection class	IP68	IP68
Power cable of pump	0.5m 2 x 1 VDE	0.5m 2 x 1 VDE
Power cable of Neon Flex	0.5m 2 x 1 VDE	0.5m 2 x 1 VDE
DMX Input Signal Cable of pump	0.5m 3 x 0.75 VDE	0.5m 3 x 0.75 VDE
DMX output Signal Cable of pump	0.5m 3 x 0.75 VDE	0.5m 3 x 0.75 VDE
Total number of DMX channel	6	6
Material	Stainless steel 304/Plastic	Stainless steel 304/Plastic
Weight(kg)	45	80





Air Blast Nozzle

AB30/AB70



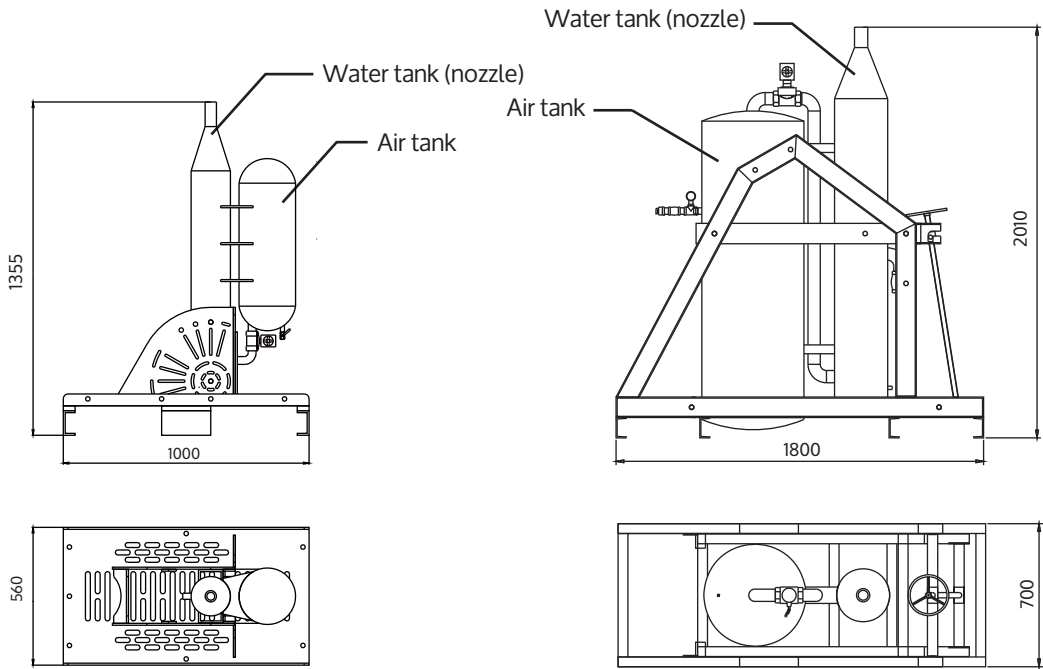
SPECIFICATIONS

- ◆ Stainless steel 304
- ◆ 24V DC
- ◆ Needs to be connected to an air compressor
- ◆ DMX control system can be used to replenish air in real time.
- ◆ Available for underwater and dry installation
- ◆ Equipped with a screw mechanism for easy angle adjustment



DIMENSIONS

Unit: mm



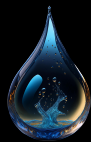
AB30

AB70

Performance

Type	AB30	AB70
Dimension=L×W×H(mm)	1000×560×1355	1800×700×2010
Weight(kg)	97	310
Flow rate(L/One time) Max.	25	80~100
pressure demand(bar) Max.	185 30	
spray height(m)		70
Angle(°) Spray	0°、 15°、 30°	0°、 30°
time(ms) Water	400	400
inlet Air inlet	G1"	G1 1/2"
	G3/8"	G1"
Input voltage(V)	24V DC	
Rated current(A)	0 83 Stainless	
Material	steel 304	





Digital Variety Jet

DVJ50



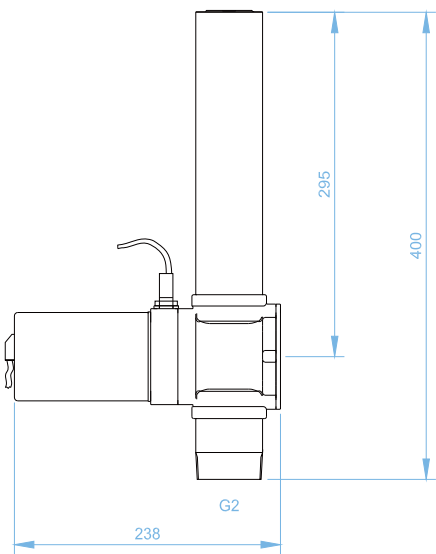
Digital Variety Jet is to transform the digital pulse signal sent out by the control system into the reciprocating motion of the water baffle mounted on the control system by a special precise mechanism, thus forming two kinds of water forms: direct and scattering. The motion stroke and speed can be controlled digitally by the control system, which has the advantages of large output torque, digital control and accurate motion.

Through the change of motion stroke and speed, the scattered water forms can form different forms from 0 to 180 degrees, create a wonderful water performance.



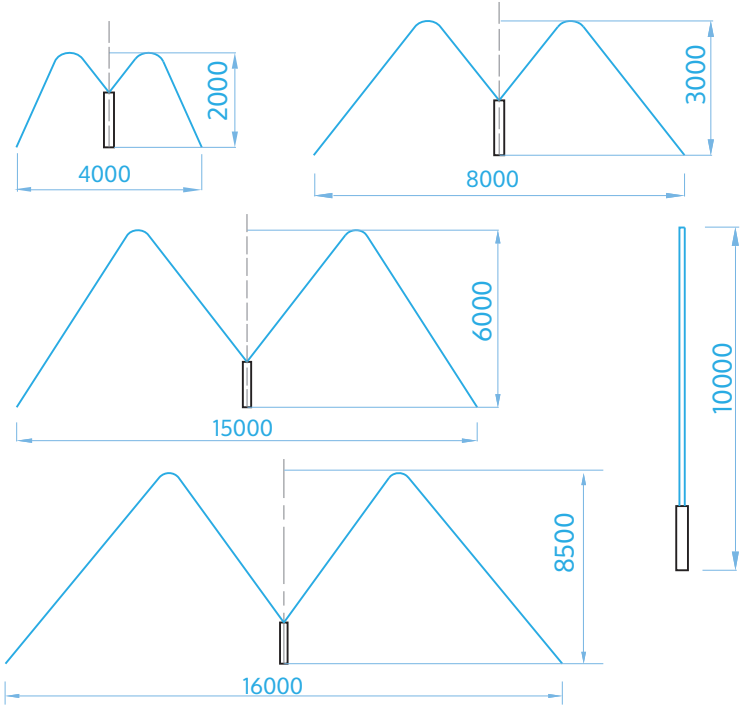
DIMENSIONS

Unit: mm



WATER SPRAY EFFECT

Unit: mm



PERFORMANCE

Type	DVJ50
Material	Stainless steel 304
Stepper motor voltage	80V AC
Stepper motor power	150W
DMX Driver input voltage	24V DC
Sensor input voltage Max	24V DC
spray high Flow rate(m³/h)	10M 20
Max. pressure demand(bar)	2
Sensor type Inlet(Outside Thread)	NPN G2"
DMX signal range	1-76 (Variation range)
Minimum time to complete a change	0.75s



CROWNE PLAZA

