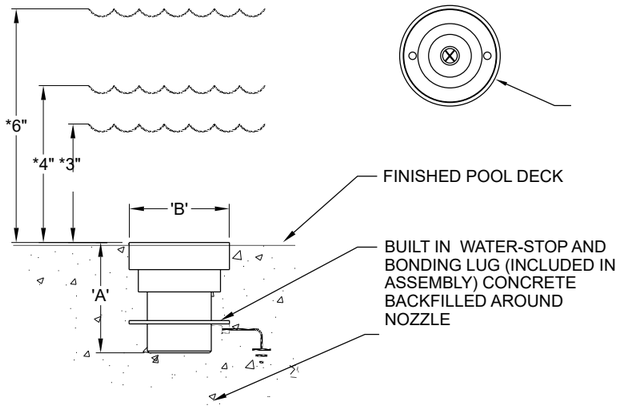
IDEAL FOUNTAINS™

Shaping Of Water™

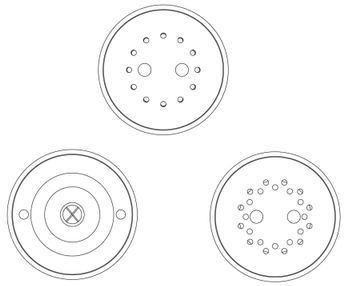
1-833-433-2569

N-FM-100 Flush Mount Nozzle(Zero Entry)

N-FN-100 ELEVATION



RECESSED TOP FOR EASE OF REMOVAL

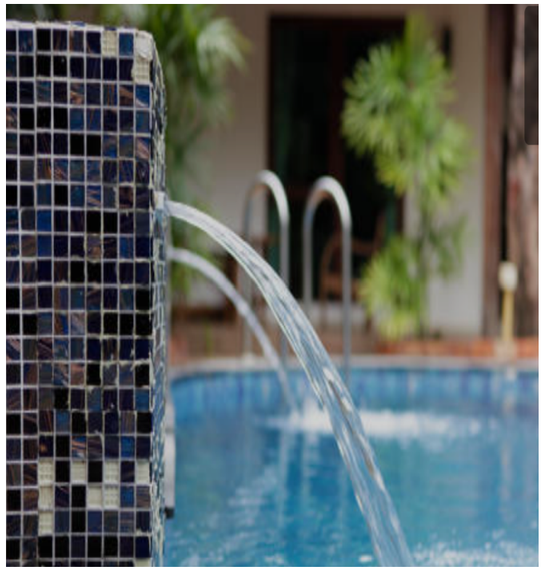


TECHNICAL AND HYDRAULIC DATA									
		DIMENSIONS		SPRAY HEIGHT/PERFORMANCE					
MODEL NO.	(F) N.P	'A'	'B'	*SUBM. (INCHES)		8"	12"	18"	24"
N-FM-100	1"	2-5/16"	2-5/8"	6"	GPM	22	25	34	44
					HEAD (ft.)	14'	20'	30'	38'
				4"	GPM	18	21	29	36
					HEAD (ft.)	8'	12'	19'	26'
				3"	GPM	16	19	23	29
					HEAD (ft.)	7'	11'	16'	23'

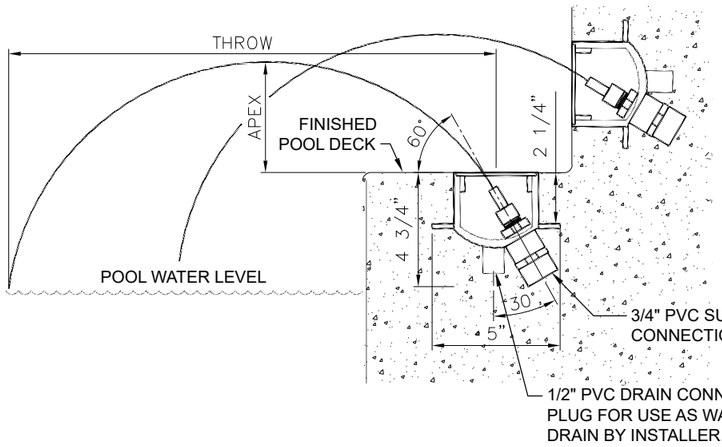
SPECIFICATION DATA: Flush Foam Nozzle has machined brass or stainless steel construction, machined jet orifices, a removable recessed cap for ease of cleaning, with built in waterstop fitting and a 1" (f) N.P.T. threaded connection. When submerged, this water level dependent nozzle creates a vertical mound of water that pushed through shallow water.

NOTES:
1. Available in Brass or Stainless Steel
2. Nozzle Interchangeable in the field

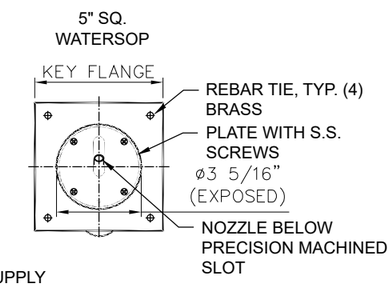
N-WJDJ Waterjet/Deckjet



ELEVATION



PLAN VIEW



HYDRAULIC DATA											
			Throw Angle		Distance	6'	8'	10'	12'	14'	16'
Product Name	PVC Socket Size	Orifice Size	Min	Max	Apes @ 45°	1.5'	2'	2.5'	3'	3.5'	4'
NWJDJ-PDJ-187	3/4"	3/16"	45°	75°	Gpm	1.3	1.5	1.8	2.1	2.2	2.3
NWJDJ-PDJ-250	3/4"	1/4"	45°	75°	Gpm	2.0	2.5	2.8	3.1	3.4	3.6
NWJDJJ-PDJ-312	3/4"	5/16"	45°	75°	Gpm	2.6	3.0	3.6	4.2	5.1	6.0

SPECIFICATION DATA: The Precision 'Deck Jet' assembly includes a high-strength Schedule 40 thermoplastic niche body with an integrated waterstop/key flange, rebar attachment holes, and a brass adjustable precision jet. It features a flush brass cover plate secured with stainless steel fasteners, a 3/4" PVC socket supply connection, and a 1/2" PVC spigot drain connection.

NOTES:
1. Orifice sizes are interchangeable in the field
2. Requires PVC primer and HD PVC Glue
3. Works with standard filter screening
4. Faceplate available in Brass and Stainless Steel

NOZZLES SERIES

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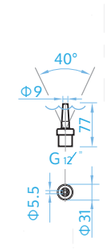
Comet Nozzles

CHARACTERISTICS

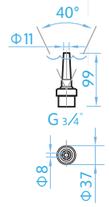
- Stainless steel 304
- Clear stream jet
- Good resistance to wind
- With flow regulator
- Water level independent (Below recommended water level)
- Adjustable spray angle

DIMENSIONS

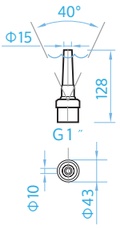
Unit: mm



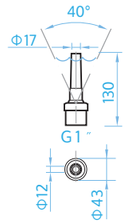
ZL15-6



ZL20-8



ZL25-10



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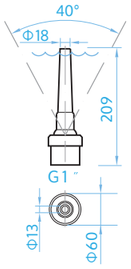
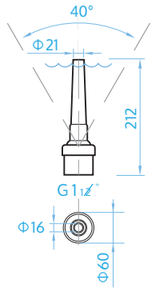


ZL40-12



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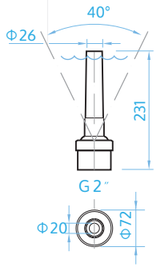
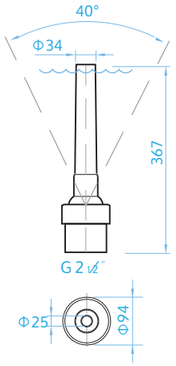
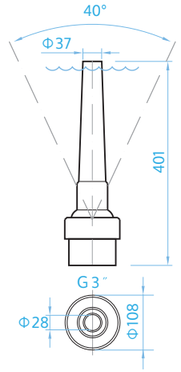


ZL50-20



ZL65-25



ZL80-28

Note: For best results, it is recommended not to exceed the water level in the figure.

NOZZLES SERIES

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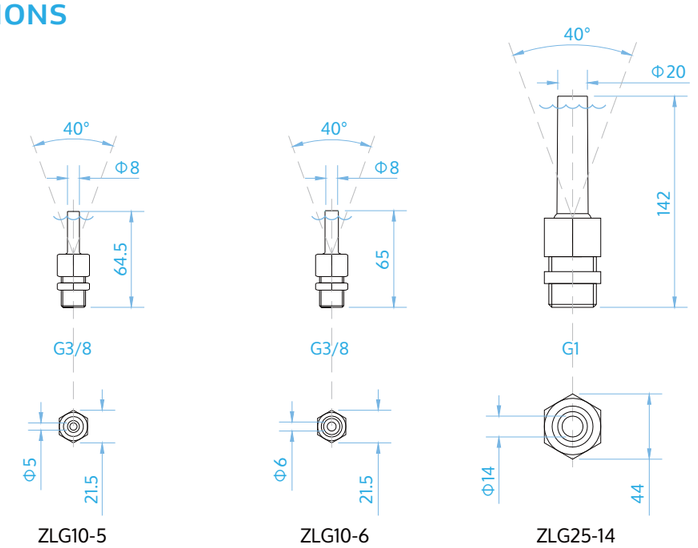
Comet Nozzles

CHARACTERISTICS

- Stainless steel 304
- Clear stream jet
- With flow regulator
- Water level independent (Below recommended water level)
- Adjustable spray angle

DIMENSIONS

Unit: mm



Note: For best results, it is recommended not to exceed the water level in the figure.

NOZZLE SERIES

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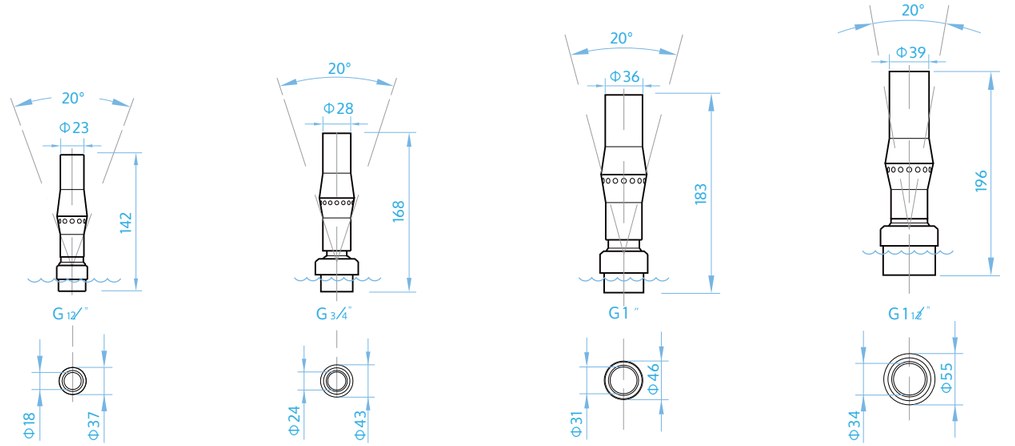
Foam Nozzles

CHARACTERISTICS

- Stainless steel 304
- Foamy jet
- Good resistance to wind
- With flow regulator
- Water level dependent (Below recommended water level)
- Adjustable spray angle

DIMENSIONS

Unit: mm



Note: For best results, it is recommended not to exceed the water level in the figure.

NOZZLE SERIES
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Foam Nozzles

CHARACTERISTICS

- Stainless steel 304 shell (BG25P)
- Stainless steel 304 (BG25,BG40,BG50)
- Foamy jet
- Good resistance to wind
- Water level dependent
- Optional swivel connector

BG25P

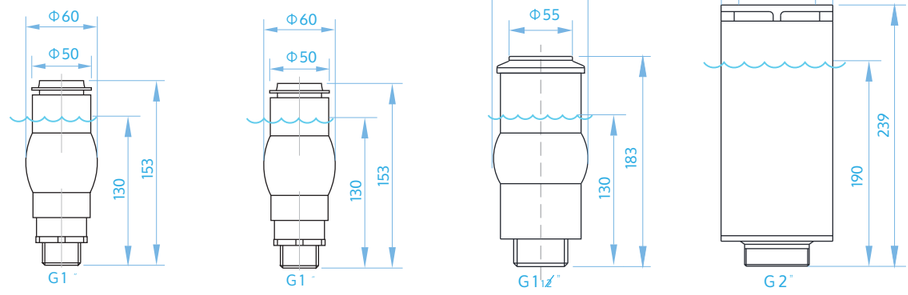
BG25

BG40

BG50

DIMENSIONS

Unit: mm



BG25P BG25 BG40 BG50

Note: The water levels in the chart are the optimal levels we recommend.

NOZZLE SERIES

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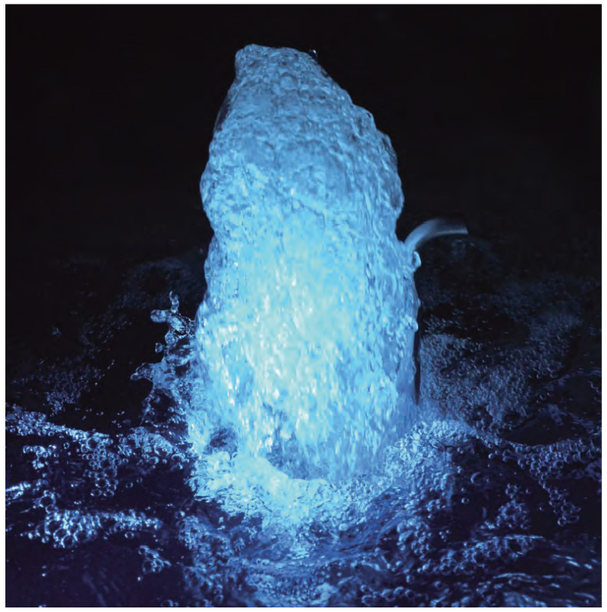
Foam Nozzles

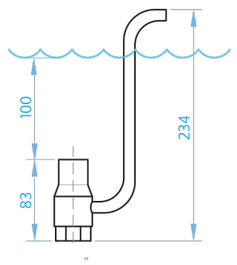


CHARACTERISTICS

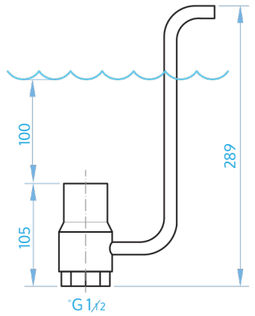
- Stainless steel 304
- A mound of aerated water at low levels with a splashy frothy column at high levels
- Water level dependent

DIMENSIONS

Unit: mm



BE25
G 1



BE40

Note: For best results, it is recommended not to exceed the water level in the figure.

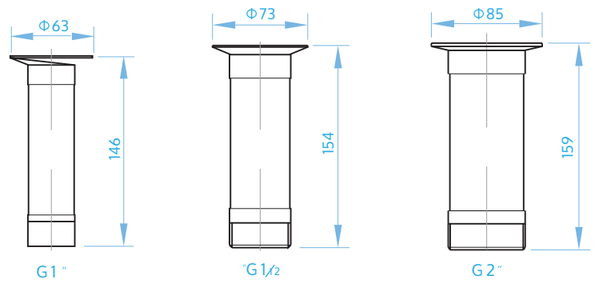
Water Bell Nozzles

CHARACTERISTICS

- Stainless steel 304
- Transparent water film
- Adjustable bell diameter
- Silent running

DIMENSIONS

Unit: mm



MN25 MN40 MN50

NOZZLE SERIES
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Cascade Nozzles

CHARACTERISTICS

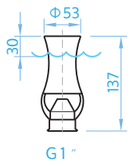
- Stainless steel 304
- Cone-shaped effect
- Foamy effect with rich mixture of air
- Water saving
- Water level dependent
- SB series with adjustable spray angle
- SBG series with non-adjustable spray angle

SB Series

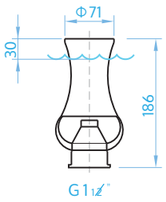
SBG Series

DIMENSIONS

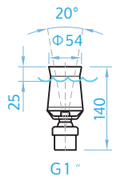
Unit: mm



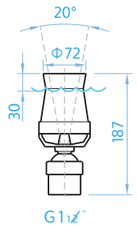
SBG25



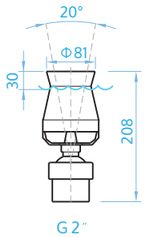
SBG40



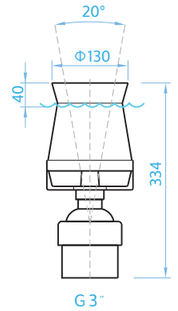
SB25



SB40



SB50



SB80

Note: The water levels in the chart are the optimal levels we recommend.

NOZZLE SERIES

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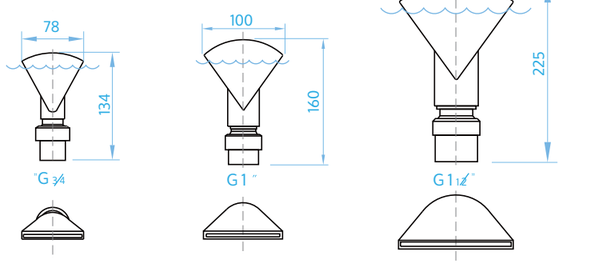
Fan Nozzles

CHARACTERISTICS

- Stainless steel 304
- A fan shaped display
- Display a fan-shaped spray pattern with an angled installation.
- Water level independent (Below recommended water level)

DIMENSIONS

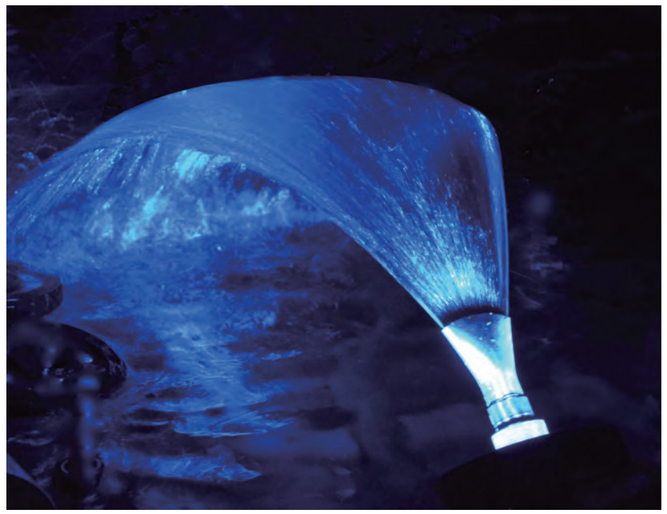
Unit: mm



FN20 FN25 FN40

Note: For best results, it is recommended not to exceed the water level in the figure.

Flat Nozzles

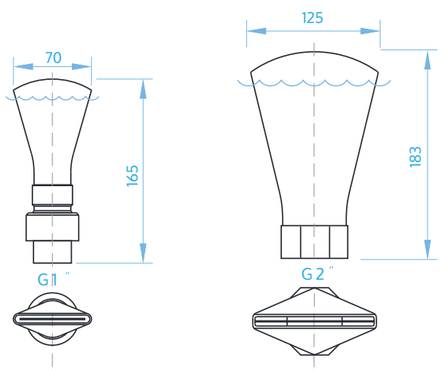


CHARACTERISTICS

- Stainless steel 304
- A flat shaped display
- Display an ideal parabolic spray pattern with an angled installation.
- Water level independent (Below recommended water level)

DIMENSIONS

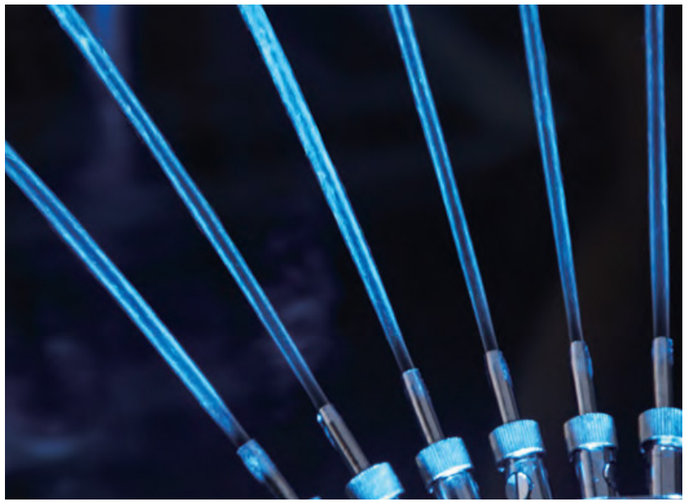
Unit: mm



FM25 FMG50

Note: For best results, it is recommended not to exceed the water level in the figure.

Finger Nozzles

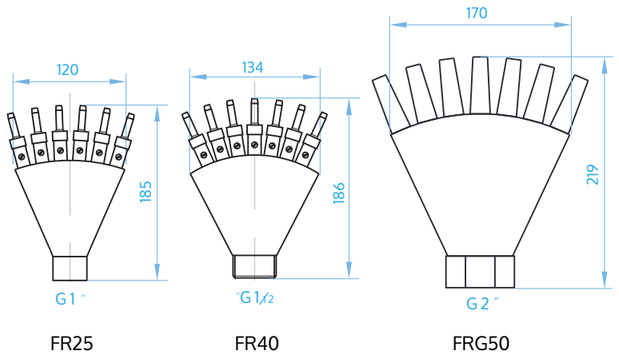


CHARACTERISTICS

- Stainless steel 304 (FRG series)
- Stainless steel 304 / Brass plated chrome (FR series)
- A finger-like fan shaped display
- FR series can be used vertically or angled to provide a decorative water display

DIMENSIONS

Unit: mm

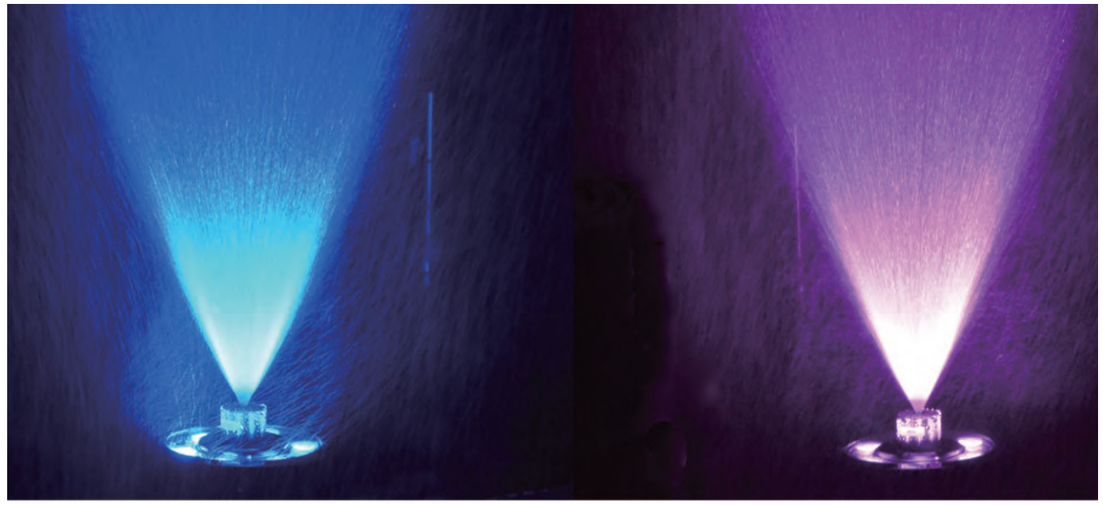


FR25 FR40 FRG50

FRG Series

FR Series

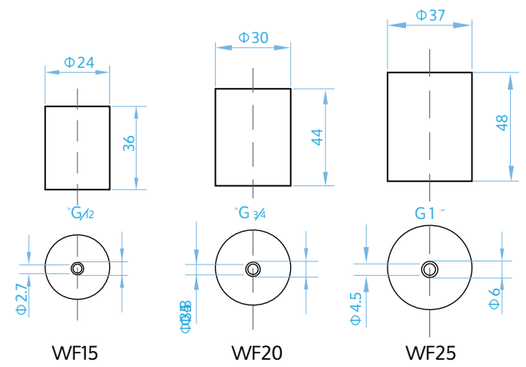
Water Fog Nozzles



3

DIMENSIONS

Unit: mm



WF15 WF20 WF25

CHARACTERISTICS

- Stainless steel 304
- Misty romantic water display

Spinning Nozzle

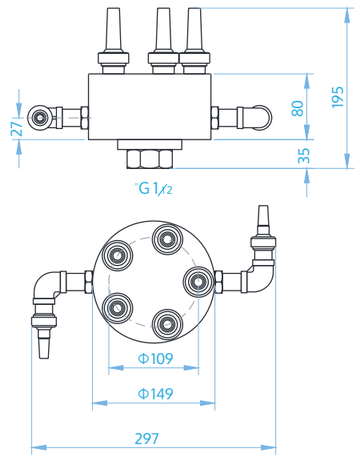
CHARACTERISTICS

- Stainless steel 304
- Rotating water pattern
- Various water effects can be produced by adjusting the angle of the nozzle

4 6.0

DIMENSIONS

Unit: mm



REG40

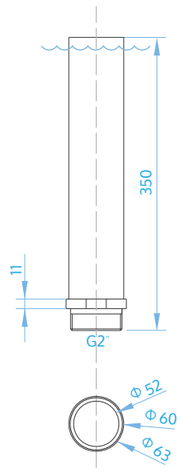
Hollow Nozzle

CHARACTERISTICS

- Stainless steel 304
- Wind-stable high jet
- Significantly reduced water demand compare to full-jet nozzles
- With flow director
- Water-level independent (Below recommended water level)

DIMENSIONS

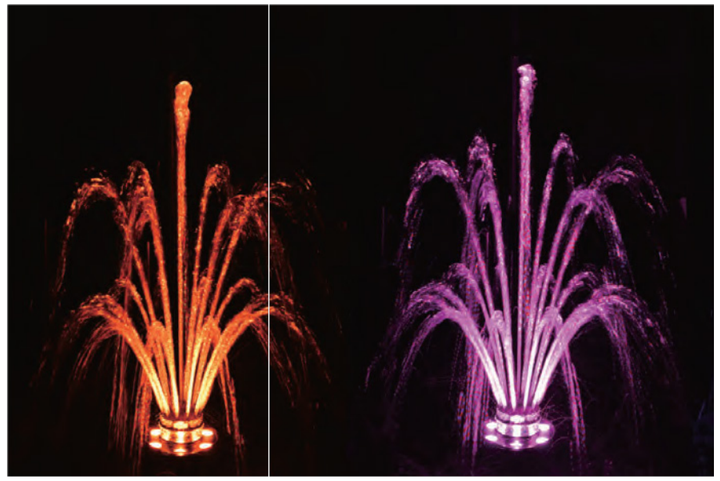
Unit: mm



KX50

Note: For best results, it is recommended not to exceed the water level in the figure.

Cluster Nozzle

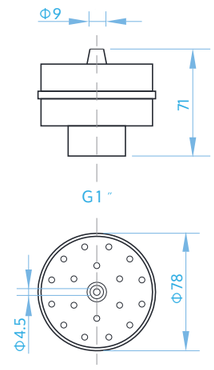


CHARACTERISTICS

- Stainless steel 304
- Precise full stream
- Multi-stepped water pattern
- Easy to clean

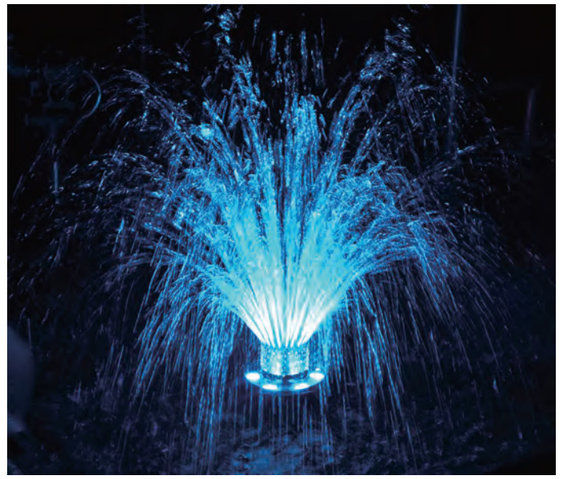
DIMENSIONS

Unit: mm



ODG25

Cluster Nozzles



CHARACTERISTICS

- Stainless steel 304
- Precise full stream
- Multi-stepped water pattern
- Easy to clean

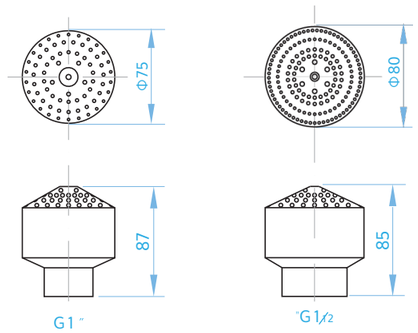
PERFORMANCE

Type	FK25		FK40	
Wt.	0.55		0.58	
Ht.	Q	P	Q	P
m	lpm	bar	lpm	bar
0.25	38	0.03	56	0.03
0.5	49	0.05	76	0.05
0.75	64	0.08	104	0.08
1	75	0.12	110	0.10
1.5	94	0.20	143	0.20

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

DIMENSIONS

Unit: mm



FK25 FK40

Cluster Nozzles

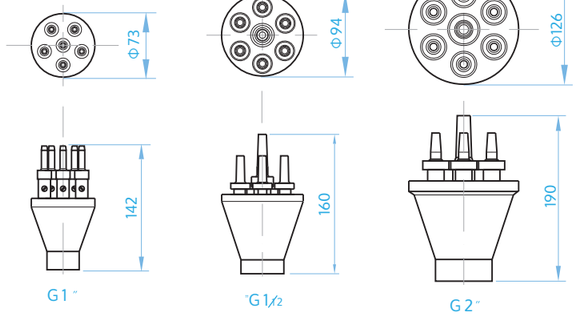
CHARACTERISTICS

- Stainless steel 304 / Brass plated chrome (FP25)
- Stainless steel 304 (FP40, FP50)

- Precise full stream
- Multi-stepped water pattern
- Easy to clean

DIMENSIONS

Unit: mm



NOZZLE SERIES

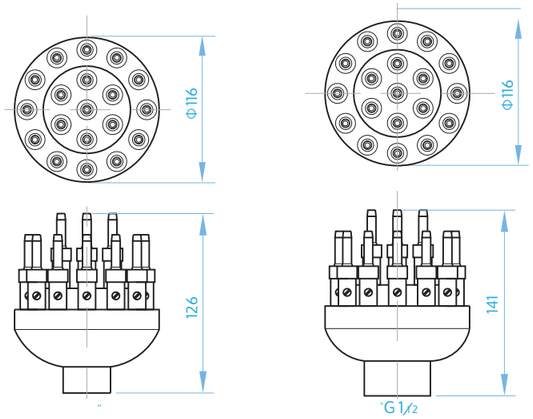
Cluster Nozzles

CHARACTERISTICS

- Stainless steel 304 / Brass plated chrome
- Precise full stream
- Multi-stepped water pattern

DIMENSIONS

Unit: mm



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Annular Nozzles

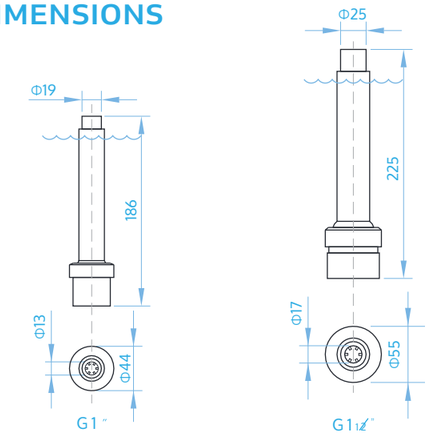
CHARACTERISTICS

- Stainless steel 304
- Easy to clean
- Water level independent

(Below recommended water level)

DIMENSIONS

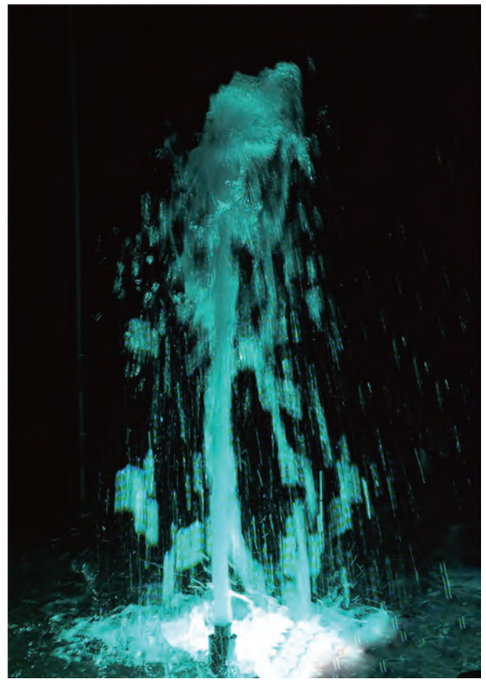
Unit: mm



RA25 RA40

Note: For best results, it is recommended not to exceed the water level in the figure.

Aerated Nozzles

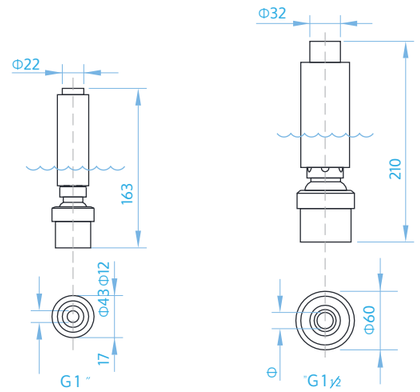


CHARACTERISTICS

- Stainless steel 304
- Easy to clean
- Water level dependent

DIMENSIONS

Unit: mm



MA25 MA40

Note: The water levels in the chart are the optimal levels we recommend.

CROWNE PLAZA