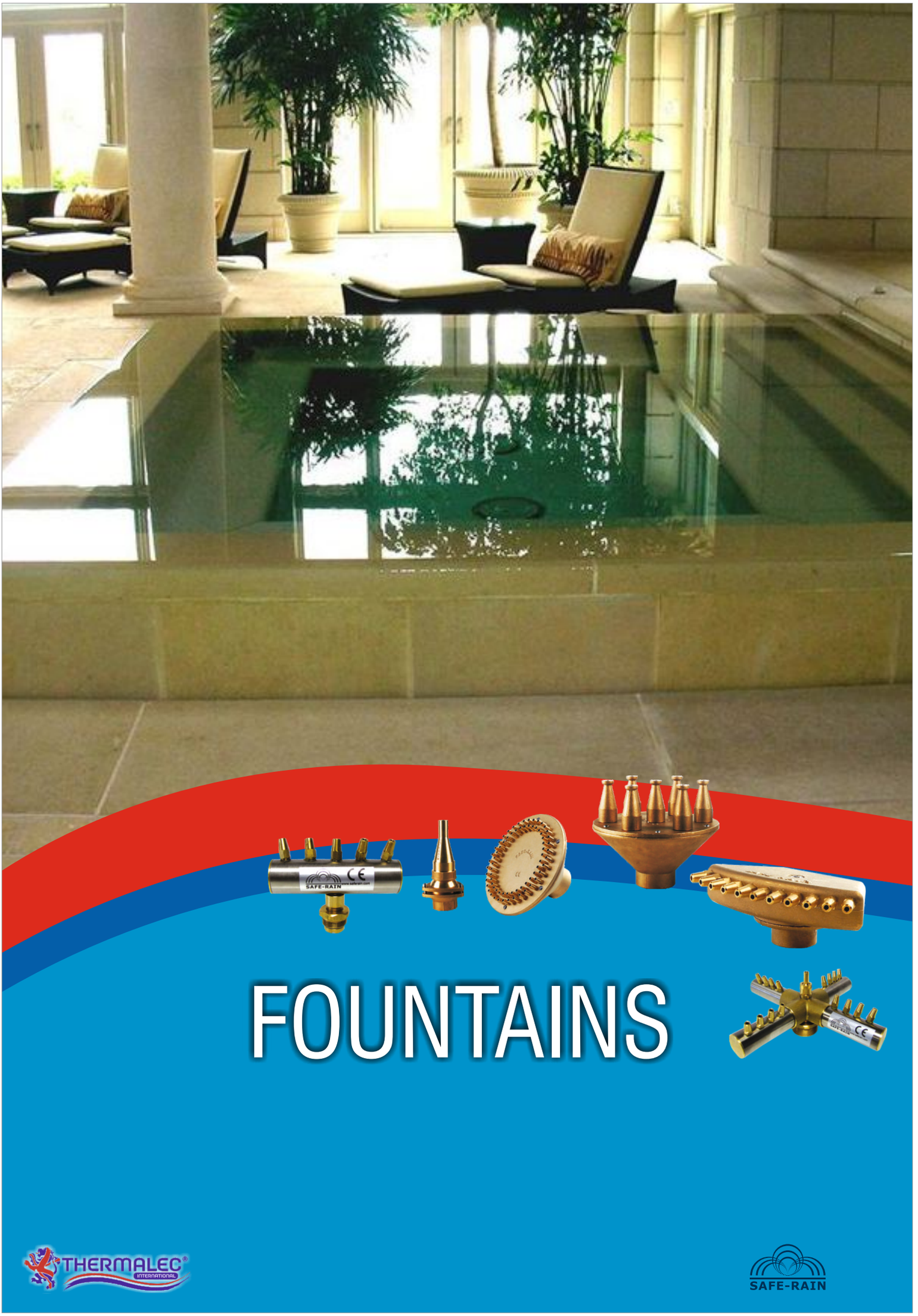
THERMALEC®
INTERNATIONAL

Committed to Excellence



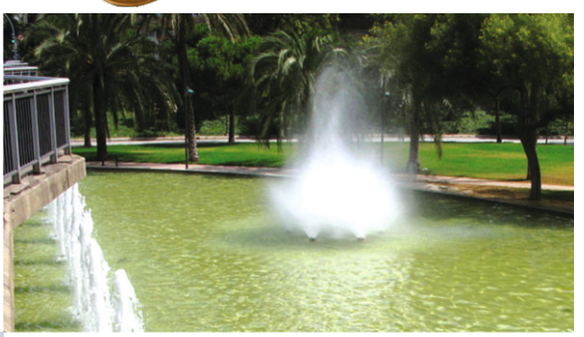
FOUNTAINS

THERMALEC INTERNATIONAL

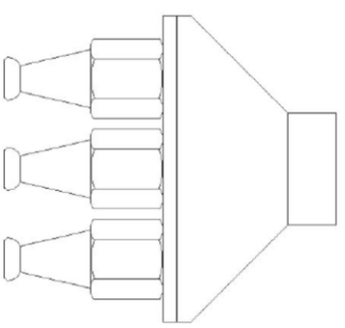
SAFE-RAIN

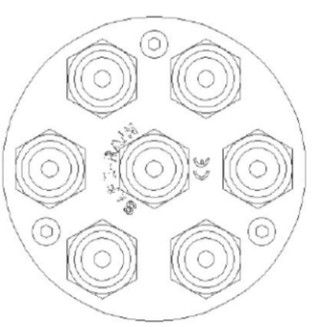
SPRAYING CLOUDS

This fountain nozzle is a water manifold on which several spray nozzle heads are fitted. The aim is to create a large volume of water spray, which is particularly attractive, lit at night in architectural fountains. The type of prevailing wind at the installation site should be taken into account and the water fountain provided with automatic water re-filling, to avoid the risk of the pond running dry.



Water appearance
Wind resistance
Splash
Sound level
Visibility



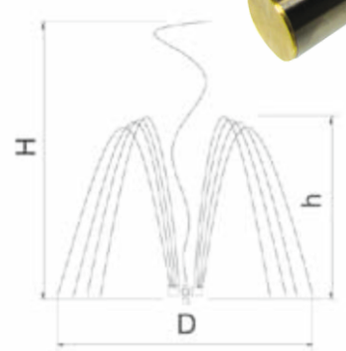


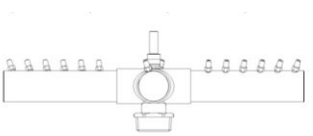
Dimension Reference	Connection A BSP	Length (mm) BxC	Outlet (mm)		**Performance** Height(m)	0,5	1,0	1,5	2,0	2,5	3,0
F3621339	G1¼"F/H	134xØ132	7xØ6	2,35	Diam.(m) l/minm. c.a	1,25 35 1,7	3,25 63 2,9	4,55 102 4,9	5,65 150 7,1	6,55 196 9,7	
F3622533	G2½"F/H	211xØ255	7xØ10	10,00	Diam.(m) l/minm. c.a	1,10 137 1,8	3,10 210 3,1	4,30 252 4,4	5,40 273 6,3	6,20 294 8,7	6,90 308 11,9
F3623038	G3"F/H	270xØ312	7xØ15	22,00	Diam.(m) l/minm. c.a	2,10 210 2,5	3,30 315 4,4	4,40 392 7,1	5,10 448 10,4	5,60 490 14,7	6,00 532 20,5

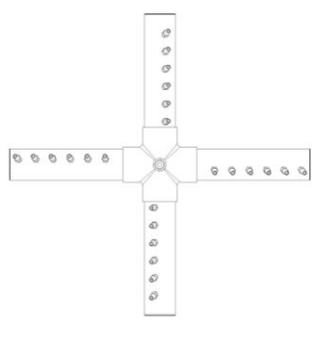
DANCING JET

As with the “Hibiscus” fountain nozzle, the theory behind the operation of this rotating nozzle is based on the waterwheel. Using only water pressure, a continuous effect of movement is created without additional mechanical or electrical devices. No movement is necessary to generate this watery swaying motion. A swaying motion that brings to mind mesmerizing Arab belly dancing.

Water appearance
Wind resistance
Splash
Sound level
Visibility







Dimension / Reference	Connection A	Length/long (mm) B	Length/long (mm) B	Jets number	Weight (kg)	Pressure (m.c.a)	Performance 2,5	3,0	3,5	4,0	4,5	5,0	5,5	6,5	7,0	8,0	9,0
F2823412	¾” M NPT/ BSP	79	128x128	4+1	0,40	Height (m) H	1,50	2,00	2,25	2,50							
						h	1,25	1,50	1,75	1,75							
						Diam. (m)	2,2	2,3	2,7	3,2							
						Flow l/min	25	28	30 1,	32							
						m³/h	1,50	1,68	98	1,92							
F2821511	1½” M NPT/ BSP	106	280x280	16+1	1,62	Height (m) H				3,25	4,00		4,50				
						h				2,25	2,75		3,25				
						Diam. (m)				2,8	4,5		5,3				
						Flow l/min				95	105		117				
						m³/h				5,7	6,3		7,0				
F2822016	2” M NPT/ BSP	148	521x521	24+1	3,80	Height (m) H								5,00	5,50	6,00	7,00
						h								3,15	3,50	4,00	4,50
						Diam. (m)								7,5	8,0	8,5	9,0
						Flow l/min								217	225	245	255
						m³/h								13,02	13,50	14,70	15,30

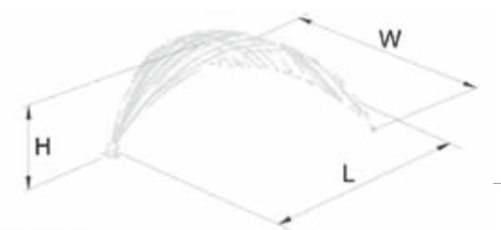
THERMALEC® INTERNATIONAL

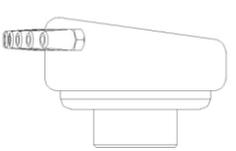
SAFE-RAIN

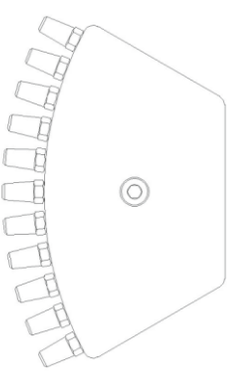
FAN OF JETS

This fountain nozzle is a water manifold that houses up to 21 divergent lance jets, with 4 mm diameter jet nozzle heads. Because of the outlet angle, these jets are also parabolic, i.e. it combines both patterns: divergent fans and parabolic water jets. It is usually used in outdoor fountains and swimming pools as a secondary feature. To keep the jets compact, heights of over 5 metres are not recommended.

Water appearance
Wind resistance
Splash
Sound level
Visibility







Dimension Reference	Connection A	Length/long (mm) B	Length/long (mm) D	Outlet E(mm)	Jets number	Angle	Weight (kg)	Performance Horizontal range	1	2	3	4	5
F2823412	G 1" F/H	62x107	168,5	Ø4	11	30º	1,280	l/min m.c.a HxW (mm)	30 1,15 144x 1200	51 2,20 268x 2050	66 2,90 433x 2700	76 3,55 577x 3150	78 4,00 722x 3500
						40º		l/min m.c.a HxW (mm)	35 1,20 250x 2200	47 1,80 500x 3200	55 2,20 750x 3850	59 2,50 1000x 4300	62 2,65 1250x 4500
F2751017	G 1" F/H	62x107	168,5	Ø4	21	30º	1,365	l/min m.c.a HxW (mm)	55 1,05 144x 1050	85 2,00 266x 1850	110 2,75 433x 2500	128 3,30 577x 2900	137 3,70 722x 3100
								l/min m.c.a HxW (mm)	53 1,05 250x 1250	80 1,70 500x 2200	102 2,10 750x 2850	120 2,40 1000x 3250	136 2,551 250x 3450

SNOWY JET

This is one of the most widely used nozzles in architectural fountains, due to its easy installation and attractive spray pattern. The proper functioning of this nozzle is not water level dependent and because of its inner workings, it mixes a lot of air with water, obtaining a particularly attractive sparkling effect when lit up at night. It is made from different materials for greater versatility (brass, plastic and stainless steel, brass and stainless steel).

Water appearance
Wind resistance
Splash
Sound level
Visibility

Dimension / Reference	Connection A	Outlet (mm) B	Length (mm) C x D	Weight (kg)	Performance / Height(m)	0,5	1,0	2,0	2,5	3,0	4,0	6,0
F2391208	G ½“ M BSP-NPT	Ø24	76,5x Ø54	0,64	l/min	44	74	98				
*Brass					m.c.a	1,5	3,8	5,7				
F2401007	G 1 “ M BSP	Ø32	132x Ø53	0,44	l/min	49	71	97	107			
* Plastic + Brass + Stainless steel					m.c.a	1,0	2,1	4,4	5,4			
F2391006	G 1 “ M BSP-NPT	Ø50	140x Ø92	2,34	l/min	100	140	190	220	240		
* Brass					m.c.a	1,5	3,2	6,0	7,2	8,9		
F2401503	G 1½” M BSP Ø50	Ø50	201x Ø84	1,40	l/min	88	123	175	194	212	230	
* Brass + Stainless steel					m.c.a	1,1	2,1	3,8	4,7	5,7	7,3	
F2402008	G 2” M BSP Ø75	Ø75	232x Ø115	2,30	l/min	217	308	415	472	516	605	755
* Brass + Stainless steel					m.c.a	8,0	1,7	3,1	4,1	5,0	6,7	10,2

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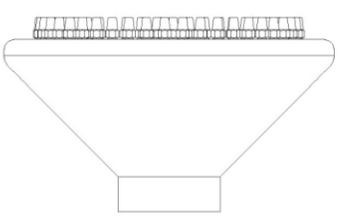
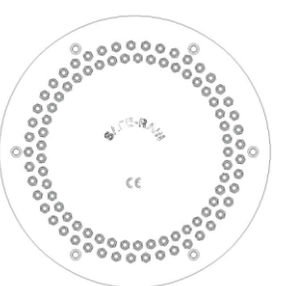
SAFE-RAIN

FOAMY JET

This nozzle is, itself, a spray ring on which 6 mm jet nozzles between 30 and 90 (depending on size) are fitted to produce a larger diameter, rising column of water, but without the high flow that a continuous jet of the same diameter outlet would require. The jet nozzle outlet has to remain above the level of the water pond. The name itself indicates the foamy appearance it produces, which is achieved by adding several small jets. It is highly suitable for large outdoor water feature fountains.

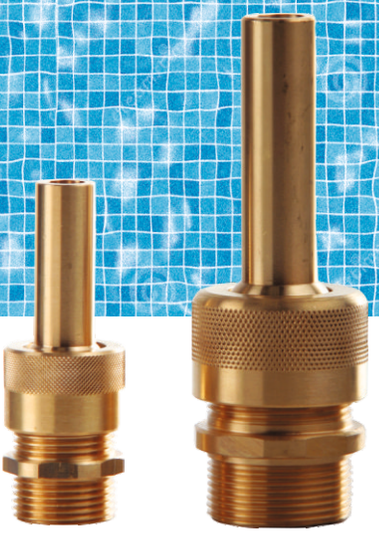
Water appearance
Wind resistance
Splash
Sound level
Visibility
Foamy





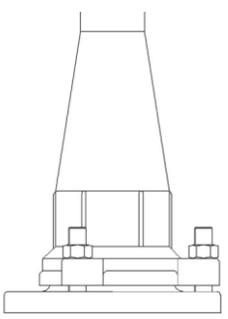
Dimension / Reference	Connection A BSP	Outlet (mm) B	Length (mm) x D	Jets number	Weight (kg)	Performance Height(m)	0,5	1,0	2,0	3,0	4,0	5,0	6,0	7,0	8,0
F2391208	G 1¼" F/H	Ø90	88x Ø114	30x Ø6mm	2,00	l/min	195	258	355	430	492	543	578	610	630
						m.c.a	1,3	2,5	4,6	6,3	7,6	8,5	9,1	9,8	11,0
F2432518	G 2½" F/H	Ø210	150x Ø258	72x Ø6mm	7,80	l/min	468	620	850	1032	1181	1304	1385	1460	1510
						m.c.a	1,5	2,7	4,5	6,1	7,3	8,3	9,1	9,7	10,2
F2433003	G 3" F/H	Ø250	183x Ø312	90x Ø6mm	12,50	l/min	585	775	1060	1290	1465	1625	1800	1900	1980
						m.c.a	1,3	2,5	4,6	6,3	7,6	8,5	9,0	9,8	10,1

LANCE JET I



This series is the most widely used in the world of water feature fountains They are also fitted with one or two inner jet cut-offs that ensure the optimal quality of the water jet up to the heights shown on the technical data sheet. They also have a smooth ball joint that can reach a maximum slope of 20°, thereby enabling parabolic jets to be designed with no additional parts.

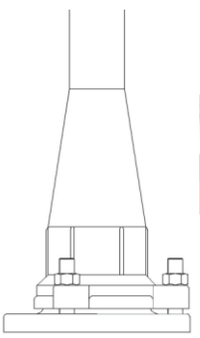
Water appearance
Wind resistance
Splash
Sound level
Visibility
Clear



Dimension							Performance									
Reference	Connection A BSPNPT	Outlet B (mm)	Length (mm)	Straighteners	Angle(a)	Weight (kg)	Spray height(m)	0,5	1	2	3	4	6	7	8	10	12
							m.c.a	0,60	1,25	2,20	3,40	4,50	6,60				
F2313832	G 3/8" M	Ø4	45 x Ø20	1	18º	0,05	l/min	0,70	2,00	4,00							
F2313865	G 3/8" M	Ø6	45 x Ø20	1	18º	0,05	l/min	4,50	7,00	11,7	15,0						
F2311233	G 1/2" M	Ø8	65 x Ø23	1	12º	0,10	l/min	10,0	14,0	21,5	27,5	32,5					
F2311266	G 1/2" M	Ø10	65 x Ø23	1	12º	0,08	l/min	17,0	23,0	33,0	42,0	50,0	64,0				
							m.c.a	1,40	2,10	3,30	4,40	6,00	8,40	9,00	10,10	13,90	15,90
F2311064	G 1/2" M	Ø12	96 x Ø39	2	18º	0,34	l/min	30,0	37,0	50,0	62,0	72,0	91,0				
F2311031	G 1/2" M	Ø14	96 x Ø39	2	18º	0,33	l/min	32	46	70	86	102	128	140	150		
F2311536	G 1/2" M	Ø16	142 x Ø55	2	20º	0,90	l/min	53	62	87	106	124	151	165	177	197	
F2311569	G 1/2" M	Ø19	142 x Ø55	2	20º	0,87	l/min	75	88	122	150	173	214	233	250	286	320

LANCE JET II

Nozzles series suited to greater heights in outdoor architectural fountains. They are cast in brass before being machined and fitted with a flange-ball joint, which is designed to correct the tilt of the actual installation rather than create parabolic water jets, since tilt levels of around 8º can be achieved. They are also fitted with a jet locator or cut-off to ensure a perfect water column.

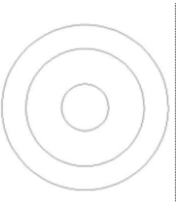


Dimension / Reference	Connection A BSPNPT	Outlet B (mm)	Length /Long. CxD (mm)	Angle(a)	Weight (kg)	Performance												
						Spray height(m)	1	3	5	7	9	10	15	20	40	60	80	100
						m.c.a	1,25	3,75	6,25	8,75	11,3	12,5	18,8	25,0	50,0	75,0	100,0	125,0
F2313832	G 2 ½"F/H	Ø25	256x Ø146	10º	5,20	l/min	147	248	310	370	420	440	538	605	845			
F2322562	G 2 ½"F/H	Ø29	256x Ø146	10º	5,00	l/min	194	347	440	530	575	620	750	850	1240	1480		
F2323001	G 3" F/H	Ø25	230x Ø100		1,73	l/min	147	246	310	370	420	440	538	605	845			
F2323034	G 3" F/H	Ø29	230x-Ø100		1,72	l/min	194	347	440	530	575	620	750	850	1240	1480		
F2323056	G 3" F/H	Ø25	272x Ø146	7º	3,93	l/min	147	246	310	370	420	440	538	605	845			
F2323067	G 3" F/H	Ø29	272x Ø146	7º	3,92	l/min	194	347	440	530	575	620	750	850	1240	1480		
F2323012	G 3" F/H	Ø25	355x Ø186	20º	6,38	l/min	147	246	310	370	420	440	538	605	845			
F2323045	G 3" F/H	Ø29	355x Ø186	20º	6,37	l/min	194	347	440	530	575	620	750	850	1240	1480		
F2324035	DN 100	Ø38	370x Ø212	8º	14,5	l/min	235	535	673	797	903	952	1166	1347	1905	2333	2694	
F2324068	DN 100	Ø44	370x Ø212	8º	13,5	l/min	444	770	993	1175	1333	1405	1721	1987	2810	3441	3974	4443
F2326037	DN 150	Ø64	545x Ø297	9º	35,5	l/min	983	1702	2197	2600	2948	3108	3806	4395	6215	7612	8790	9827
F2326061	DN 150	Ø76	545x Ø297	9º	32,8	l/min	1386	2400	3099	3666	4157	4382	5367	6197	8764	10734	12395	13858

SPRAY JET

As the name suggests, the aim of this fountain nozzle is to generate a large volume of water spray or mist. The aim is not to create great heights but rather large volumes, making it particularly suitable for architectural fountains lit up at night by our underwater spotlights. It should not be installed in open places and, in any case, only at a low height combined with other higher patterns.

Water appearance
Wind resistance
Splash
Sound level
Visibility
Mist

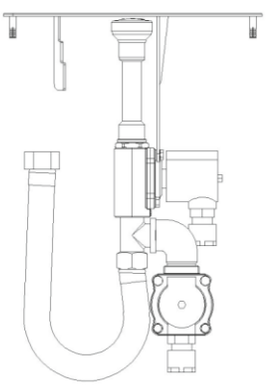


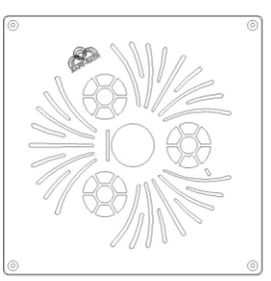
Dimension					Performance					
Reference	Connection A BSP	Outlet (mm) B	Length (mm) C x D	Weight (kg)	Height (m)	0,5	1,0	1,5	2,0	2,5
F2511202	G ½" F/H	Ø6	56x Ø28	0,08	Diam. (m)	1,2	4,0	4,8	6,0	6,5
					l/min	4,4	5,7	7,5	9,6	10,7
					m.c.a	1,80	3,50	6,00	10,00	10,20
F2513406	G ¾" F/H	Ø8	75x Ø31	0,20	Diam.	0,7	1,7	3,8	4,8	6,0
					l/min	9,5	13,0	15,5	16,8	21,0
					m.c.a	2,40	4,30	6,20	8,20	10,20
F2511009	G 1" M	Ø10	85x Ø38	0,38	Diam.	1,3	2,3	3,8	5,5	6,8
					l/min	21,7	28,5	35,8	45,5	56,0
					m.c.a	1,70	2,70	4,00	5,20	7,30
F2511505	G 1 ½" M	Ø15	108x Ø52	0,85	Diam.	2,2	4,2	5,5	6,5	
					l/min	35,0	51,0	70,0	92,0	
					m.c.a	3,00	6,30	8,50	10,67	

WATER BOY

A complete interactive fountain that is expressly designed for installations where children and adults can enjoy themselves among spectacular water changes, creating an atmosphere full of life.

- A complete easy-to-install interactive fountain set
- It includes a nozzle
- We fit three LED (White/ RGB) spotlights lighting
- Energy savings of 85% with LED technology
- We fit a secondary underwater electric valve in addition to the main one in order to maintain constant pressure at all times
- As an option, you can fit a control panel to program the different interactive water features
- Exclusive Safe-Rain design





Dimension / Reference	Connection A BSP	Outlet (mm) B	Length (mm) x D	Jets number	Weight (kg)	Performance / Height(m)	0,5	1,0	2,0	3,0	4,0	5,0	6,0	7,0	8,0
F2391208	G 1¼" F/H	Ø90	88x Ø114	30x Ø6mm	2,00	l/min	195	258	355	430	492	543	578	610	630
						m.c.a	1,3	2,5	4,6	6,3	7,6	8,5	9,1	9,8	11,0
F2432518	G 2½" F/H	Ø210	150x Ø258	72x Ø6mm	7,80	l/min	468	620	850	1032	1181	1304	1385	1460	1510
						m.c.a	1,5	2,7	4,5	6,1	7,3	8,3	9,1	9,7	10,2
F2433003	G 3" F/H	Ø250	183x Ø312	90x Ø6mm	12,50	l/min	585	775	1060	1290	1465	1625	1800	1900	1980
						m.c.a	1,3	2,5	4,6	6,3	7,6	8,5	9,0	9,8	10,1

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