

NOZZLE SPECIFICATIONS

Fountaining is as much an art as a science.

All specifications are approximate and mother nature has not been calculated in.

Cascade			
#53A 1.5"	GPM	Foot of Head	Fountain Size
Fountain size is Height x Width If you have a higher GPM, your fountain will be thicker and fuller. If your foot of head is higher, your fountain will be taller, thinner and more broken up.	26.7	8	2 x .6'
	31.4	11	3 .9'
	34.9	13	4 x 1.2'
	37.8	17	5 x 1.5'
	42.7	20	6 x 1.8'
	46.6	25	8 x 2.4'
	54.8	30	10 x 3'
	67.7	44	15 x 4.5'
	77.0	57	20 x 6'
	71.4	21	4 x 1.2'
#54 2"	77.2	25	5 x 1.5'
	85.9	30	6 x 1.8'
	93.6	36	8 x 2.4'
	100.4	45	10 x 3'
	107.0	57	15 x 4.5'
	129.2	90	20 x 6'
	164.0	110	30 x 9'
#54A 2.5"	96	19	4 x 1.2'
	105	22	5 x 1.5'
	114	25	6 x 1.8'
	127	37	8 x 2.4'
	141	48	10 x 3'
	163	77	15 x 4.5'
	185	98	20 x 6'
	245	135	30 x 9'
315	168	40 x 12'	
#55 3"	133	20	5 x 1.5'
	143	26	6 x 1.8'
	157	32	8 x 2.4'
	171	36	10 x 3'
	211	56	15 x 4.5'
	246	66	20 x 6'
	330	134	30 x 9'
	410	174	40 x 12'
	524	229	50 x 15'

TRUMPET

Trumpet nozzles are fully adjustable to your waterscape. The larger the nozzle, the more water it can allow to flow. The pattern can be made to appear anywhere from a thick sheet of water to broken droplets. The diameter can be from wide and short to tall and thin.

- #325** 1.5" Recommended for 1hp and less
- #326** 2" Recommended for 2-5 hp
- #327** 3" Recommended for 5-15 hp
- #328** 4" Recommended for 15-30 hp

SPRAY RING

SR2 For use on inside diameter of Large Direct base and outside diameter of 5 hp traditional fountain, allow 2 hp for spray ring flow. Red brass pipe 3/2" OD spray ring with 24 quarter inch stream jets

SR3 For use on outside diameter of Large Direct base and 7.5-15 hp fountains, allow 2-3 hp for spray ring flow. 50" OD spray ring with 48 quarter inch stream jets

SR4 For use on outside diameter of Large Direct base and 20-30 hp fountains, allow 3-4 hp for spray ring flow. 50" OD spray ring with 60 quarter inch stream jets

Three-Tier				
#284 1.25"	GPM	Foot of Head	Fountain Size	
#284 1.25" 37 Stream Fountain size is Height x Width	33	12	5 x 3.6'	
	39	24	8 x 6.3'	
	44	30	10 x 9.9'	
	48	35	12 x 13.2'	
	56	46	15 x 17.4'	
	74	64	20 x 24.3'	
	105	91	25 x 29.6'	
	#285 1.5" 37 Stream Fountain size is Height x Width	70	15	8 x 8'
		80	18	10 x 10'
		90	22	12 x 12'
105		26	15 x 15'	
#292 2" 19 Stream Fountain size is Height only. The diameter is adjustable from 10% to over 100% of the height.	48	14	8'	
	53	17	10'	
	69	26	15'	
	82	32	20'	
	95	41	25'	
	107	51	30'	
#294A 2.5" 19 Stream Fountain size is Height only. The diameter is adjustable from 10% to over 100% of the height.	76	11	6'	
	96	17	10'	
	119	25	15'	
	140	33	20'	
	183	49	30'	
	220	63	40'	
#294B 3" 19 Stream Fountain size is Height only. The diameter is adjustable from 10% to over 100% of the height.	107	12	10'	
	130	18	15'	
	162	24	20'	
	204	36	30'	
	271	48	40'	
	341	60	50'	
#294C 3" 37 Stream Fountain size is Height only. The diameter is adjustable from 10% to over 100% of the height.	172	20	15'	
	196	26	20'	
	341	43	30'	
	423	58	40'	
	499	70	50'	
	575	84	60'	
#295A 4" 19 Stream Fountain size is Height only. The diameter is adjustable from 10% to over 100% of the height.	281	13	10'	
	387	20	15'	
	428	26	20'	
	496	39	30'	
	599	65	50'	
	712	78	60'	
	817	104	80'	
	859	130	100'	
	#295B 6" 37 Stream Fountain size is Height only. The diameter is adjustable from 10% to over 100% of the height.	514	13	10'
		661	20	15'
773		26	20'	
992		39	30'	
1220		65	50'	
1320		78	60'	
1395		104	80'	
1477		130	100'	

White Water Jet				
#746A 1.5"	GPM	Foot of Head	Fountain Size	
#746A 1.5" Fountain size is Height only. White Water Jets spray effect is adjustable as to appearance and spray height by altering the water to air ratio with the lowering or raising of the lower part of the air intake sleeve.	10.3	11	3'	
	12.5	15	5'	
	16.4	20	8'	
	19.1	23	10"	
	24.1	32	15'	
	28.3	40	20'	
	31.0	49	25'	
	33.3	51	30'	
	36.2	74	40'	
	#747A 2" Fountain size is Height only. White Water Jets spray effect is adjustable. Sleeve UP = spray down & heavier Sleeve DOWN = spray up and lighter	26	10	5'
36		16	8'	
40		18	10'	
46		26	15'	
53		33	20'	
59		40	25'	
65		46	30'	
72		59	40'	
77		71	50'	
183		109	60'	
#748A 2.5" Fountain size is Height only. White Water Jets spray effect is adjustable.	63	30	8'	
	69	33	10'	
	88	40	15'	
	101	48	20'	
	117	55	25'	
	127	63	30'	
	148	76	40'	
	166	92	50'	
	#749A 3" Fountain size is Height only. White Water Jets spray effect is adjustable.	90	27	8'
		98	30	10'
119		39	15'	
135		48	20'	
146		57	25'	
156		66	30'	
177		82	40'	
199		102	50'	
217		120	60'	
246		157	89'	
275	195	100'		
#750-1 4" Fountain size is Height only. White Water Jets spray effect is adjustable. Note: Pressures greater than shown may damage white water jets.	106	21	8'	
	130	24	10'	
	162	30	15'	
	188	41	20'	
	230	58	30'	
	262	74	40'	
	288	87	50'	
	365	146	80'	
	413	186	100'	
	542	306	150'	