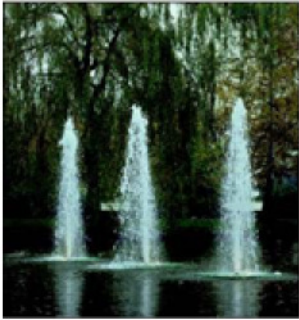






Foam effect nozzles, water level independent

35-10 E to 75-20 T Schaumsprudler and 50-10 T
to 75-20 T Schaumquell



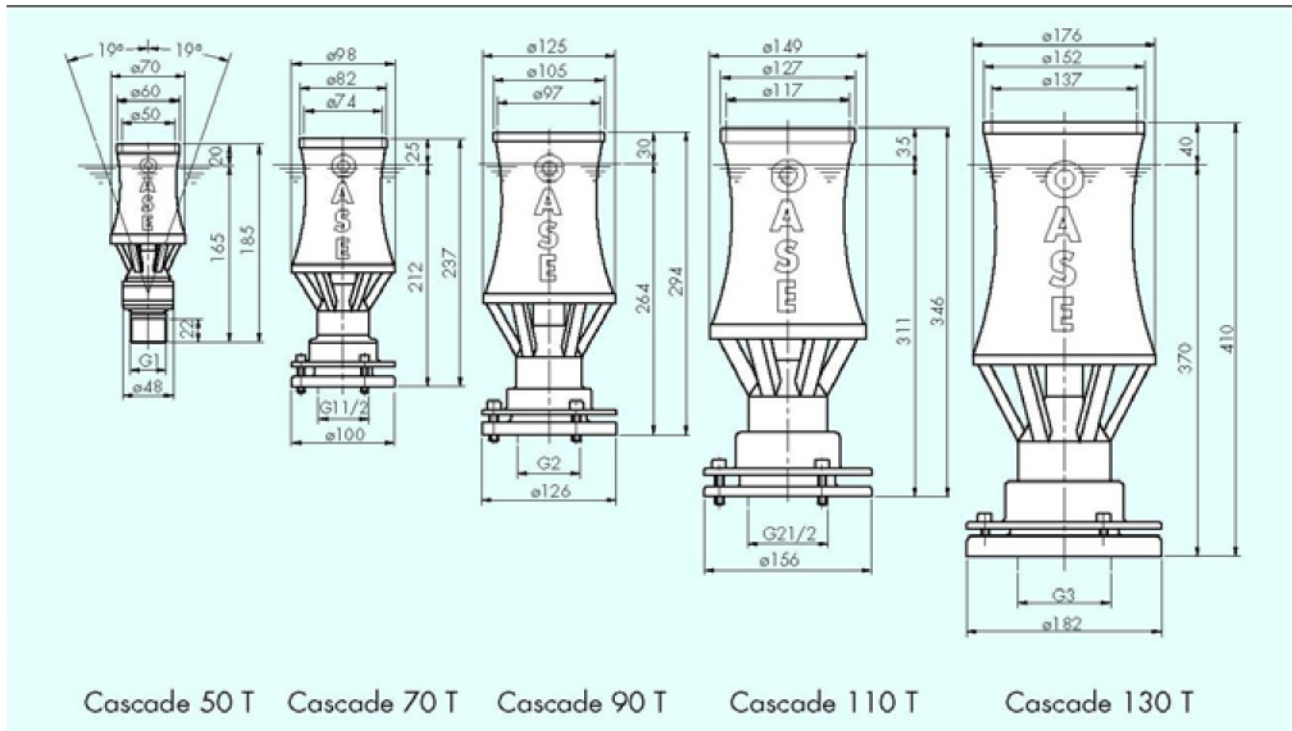
-  Lively display, Geiser pattern
-  Wide base converging to a cone
-  Rich air mixture
-  Effective water saving

The OASE Cascade foam effect nozzles are injector nozzles that are dependent upon the water level. Because of the injection effect, the surrounding water and air are sucked in, intensively mixed and thrown high into the air. This has an economical effect, since with a relatively low pumping power one can achieve a voluminous, tapered fountain jet. However the water pattern changes with varying water levels. When below the standard water level the jet is thinner but also higher, when above, it is fuller but also lower. When the waves become stronger the fountains begin to dance, often seen as a very interesting special effect. Return valves must be provided in installations 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.



Foam effect nozzles, water level independent

35-10 E to 75-20 T Schaumsprudler and 50-10 T
to 75-20 T Schaumquell



Hydr.- Daten	Cascade 50 T			Cascade 70 T			Cascade 90 T			Cascade 110 T			Cascade 130 T		
	DWB	DDB	DDB	DWB	DDB	DDB	DWB	DDB	DDB	DWB	DDB	DDB	DWB	DDB	DDB
Hydr. Data	L/min	mWS	bar	L/min	mWS	bar	L/min	mWS	bar	L/min	mWS	bar	L/min	mWS	bar
0,25 m	28,7	1,8	0,18												
0,50 m	34,5	2,6	0,26	79,7	2,7	0,27									
0,75 m	39,5	3,3	0,33	88,8	3,3	0,33	141,4	2,7	0,27						
1,00 m	43,9	4,1	0,41	97,0	4,0	0,40	157,1	3,3	0,33	236,2	2,9	0,36	379,6	3,6	0,36
1,50 m	51,5	5,7	0,57	111,7	5,3	0,53	184,4	4,6	0,46	279,8	4,1	0,48	437,3	4,8	0,48
2,00 m	58,2	7,3	0,73	124,7	6,6	0,66	208,2	5,8	0,58	317,4	5,2	0,60	488,3	6,0	0,60
2,50 m	69,7	10,4	1,04	136,4	7,9	0,79	229,6	7,1	0,71	351,2	6,4	0,72	534,6	7,2	0,72
3,00 m	74,8	12,0	1,20	147,3	9,2	0,92	249,2	8,3	0,83	382,0	7,6	0,84	577,2	8,4	0,84
4,00 m	79,6	13,6	1,36	166,9	11,8	1,18	284,4	10,8	1,08	437,2	9,9	1,07	654,2	10,8	1,07
5,00 m	88,4	16,8	1,68	184,5	14,4	1,44	315,8	13,4	1,34	486,4	12,3	1,34	723,4	13,4	1,34
6,00 m				200,6	17,1	1,71	344,4	15,9	1,59	531,1	14,7	1,55	786,6	15,5	1,55
7,00 m				215,5	19,7	1,97	370,9	18,5	1,85	572,5	17,1	1,79	845,3	17,9	1,79
8,00 m							395,7	21,0	2,10	611,2	19,4	2,04	900,3	20,4	2,04
10,00 m							441,4	26,1	2,61	682,3	24,2	2,52	1001,7	25,2	2,52
12,00 m										747,1	29,1	3,01	1094,3	30,1	3,01
14,00 m										806,9	33,9	3,50	1180,2	35,0	3,50
16,00 m													1260,6	39,9	3,99
18,00 m													1336,6	44,9	4,49
20,00 m													1408,9	49,9	4,99
MA	Tombak			Tombak			Tombak			Tombak			Tombak		
GW	1,0 kg			2,4 kg			3,6 kg			7,0 kg			11,0 kg		
Art.-Nr.	670-550			670-551			671-550			671-551			671-552		
Id.-Nr.	50911			50912			50915			50916			50917		

FH = Fountain height (m), DWB = Nozzle Water demand (L/min), Ma = Material, GW = Weight (kg)
DDB = Nozzle Pressure demand (meter head, bar),