

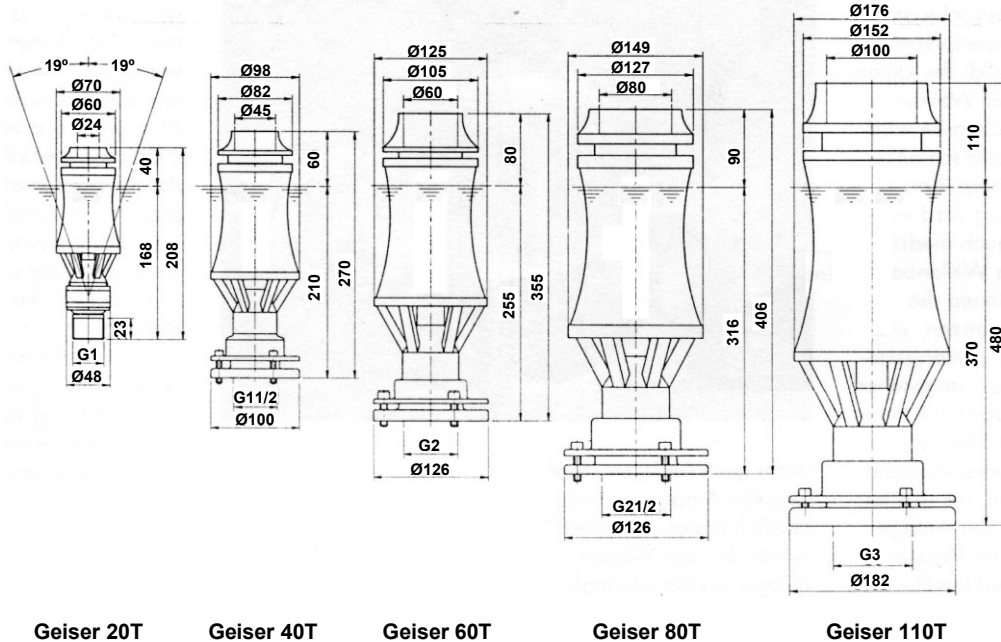


Geiser Jet Nozzle



**Geiser Jet
FN-GSJ**

The Geiser foam effect nozzles are injection nozzles that are dependent on the water level, which is in contrast to foam spray and foam spring nozzles. Because of the injection effect, the surrounding water and air are sucked in, intensively mixed and through high into the air by the injector jet. This has an economical effect, since with a relatively low pumping power one can achieve a voluminous jet. In contrast to cascade, geiser has a more cylindrical shaped fountain. However the water pattern changes with varying water levels. When below the normed water level the jet is thinner but also higher, when above, it is fuller but also lower. When the wave become stronger the fountains begin to dance, often seen as a very interesting special effect. Return valves must be provided in installation 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.



Geiser 20T Geiser 40T Geiser 60T Geiser 80T Geiser 110T

- White, slender foaming water pattern
- Mostly cylindrical form
- Rich air mixture
- Water saving efficiency

Hydro Data	Geiser Jet									
	Geiser 20T		Geiser 40T		Geiser 60T		Geiser 80T		Geiser100T	
	NWD	NPD	NWD	NPD	NWD	NPD	NWD	NPD	NWD	NPD
FSH	L/min	Bar	L/min	Bar	L/min	Bar	L/min	Bar	L/min	Bar
0.50m	30.4	0.25	82.7	0.27	128.4	0.24				
0.75m	33.9	0.25	89.1	0.31	140.3	0.29				
1.00m	37.2	0.30	95.0	0.35	151.3	0.34	242.0	0.37		
1.50m	42.9	0.39	105.9	0.44	171.2	0.43	273.3	0.47		
2.00m	47.9	0.49	115.8	0.52	189.0	0.53	301.3	0.57	459.4	0.56
2.50m	52.5	0.59	124.9	0.61	205.3	0.62	327.0	0.67	497.0	0.66
3.00m	56.7	0.69	133.4	0.69	220.4	0.72	350.8	0.77	532.0	0.75
4.00m	64.3	0.89	149.0	0.86	247.9	0.91	394.3	0.97	596.0	0.94
5.00m	71.1	1.09	163.1	1.03	272.8	1.10	433.5	1.18	653.9	1.13
6.00m	77.3	1.28	176.2	1.20	295.6	1.29	469.6	1.38	707.3	1.33
7.00m			188.4	1.38	316.9	1.57	503.2	1.59	757.0	1.52
8.00m			199.8	1.55	336.8	1.67	534.8	1.79	803.8	1.71
10.00m					373.7	2.06	593.1	2.21	890.5	2.10
12.00m					407.5	2.44	646.5	2.32	969.8	2.49
14.00m							696.1	3.04	1043.6	2.89
16.00m							747.7	3.46	1112.8	3.28
18.00m							786.7	3.88	1178.3	3.68
20.00m							828.7	4.30	1240.8	4.08
25.00m									1386.0	5.09
30.00m									1519.1	6.12
MA	Brass									
GW	1kg		2.4kg		3.6kg		7kg		11kg	

FSH = Fountain Spraying Height NWD = Nozzle Water Demand GW=Weight
NPD = Nozzle Pressure Demand MA = Material

