



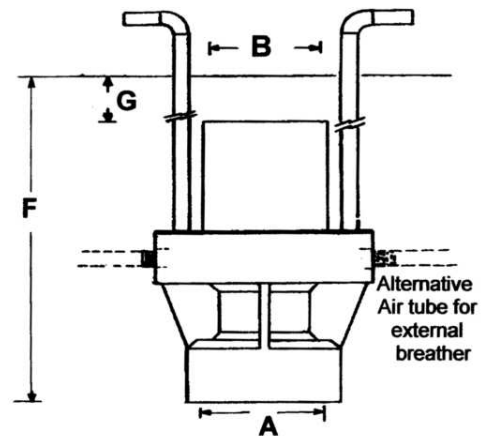
Technical Data Sheet

Product: Foaming Geyser Jet

Product Code: 18 Series – refer to page 2 for models available and performance details.



- The NCA 18 series aerating jets provide a highly visible white water "frothy" display.
- The display effect diameter, at impact, is approximately 30% of the Jet Display height.
- Being a water level dependent display is conditional on submergence. It is important to maintain operating water level as per "F" or "G" dimensions for the respective Jet, refer to performance chart. Jet height and appearance can be varied by changing "F" or "G" dimension; i.e. shallower = higher and thinner, deeper = thicker and lower.
- 17 series jets up to 2" BSP have single air tubes and 3" BSP models have 2 air tubes.
- Wave surge may occur in symmetrical pools. Refer to NCA.



NCA - Series 18 - Foaming Geyser Jet

Range and Performance Details

Note 1: Construction - Naval Bronze to BS LG2, JIS BC6

Note 2: Threaded coupling to BSP Standard - other couplings to order.

Note 3: If this jet is used in a confined area (e.g. round, square, etc.), a wave or surging action may occur which will require a surge collar.

Note 4: Jet 18-KI-80 is fitted with adjusting sleeve to vary the display.

NCA Code	18-KA-12	18-KB-20	18-KC-25	18-KD-32	18-KF-40	18-KG-50	18-KH-80	18-KI-80
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Dimensions (also refer to diagram):

A Pipe thread size (BSP - inches)	1/2"	3/4"	1"	1 1/4"	1 1/2"	2 "	3"	3"
B Stream Diameter (mm)	12	20	25	32	40	50	75	75
C Suction Orifice (mm)	3.2	4.8	6.4	8.3	9.6	12.7	19.0	19.0
D Overall Height (mm)	177	241	286	355	407	457	533	533
E Height of nozzle (mm)	83	89	108	121	134	178	254	254
F Submersion of Jet (from base - mm)	134	152	184	222	260	254	330	330
G Submersion of Jet (from nozzle - mm)	51	64	76	101	127	76	76	89

Performance:

Height	Pressure	Pressure	Pressure	Pressure	Pressure	Pressure	Pressure	Pressure	Pressure	Pressure	Pressure	Pressure	Pressure	Pressure	Pressure	
M	LPM	(M)	LPM	(M)	LPM	(M)	LPM	(M)	LPM	(M)	LPM	(M)	LPM	(M)	LPM	(M)
0.5	27	3.4	48	3.1	72	2.6	99	2.5	133	2.5	216	2.2				
1	36	5.8	61	4.8	88	4.6	125	4.5	171	4.9	262	3.9	360	3.1	405	4
1.5	46	8	72	5.9	99	5.8	148	6.7	205	6.9	303	5.2	424	4.3	462	5.5
2			84	8.3	114	7	171	8	231	8.4	337	6.3	470	5.5	504	7.7
2.5			89	9.6	125	8.6	186	8.9	258	11.6	364	7.4	508	7.1	553	9.5
3					133	11	194	10.7	281	17.1	383	8.2	534	8.3	644	11
4							224	14.7	337	21.1	432	9.9	648	9.8	746	13.5
5									379	23.5	473	11.6	769	11.9	844	16.5
6											515	13.2	852	15.6	928	19.6
8											1007	21	1091	24.7	996	22.6
10													1150	28.5	1280	32
12													1300	30	1500	35
15															2250	44