

G series narrow angle nozzles



DESIGN FEATURES

Narrow angle nozzles feature a solid cone-shaped spray pattern with a round impact area. The narrow spray angles of the 30° series, and to a greater extent the 15° series, produce uniform and coarse sprays with significantly higher impact per unit area than wide angle full cone nozzles at the same flow rate. G and GG type nozzles have removable caps and vanes. H and HH type narrow angle nozzles have removable vanes. Size 1/8" through 1-1/4" are from bar stock; 1-1/2" and larger are cast. Full cone nozzles are precision engineered and machined to exacting dimensions to assure optimal performance. Their uniform spray distribution results from a unique and original vane design..with large flow passages and superior spray control characteristics.

PERFORMANCE DATA

A series of nozzles for 15°

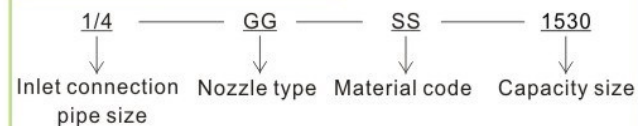
Nozzle Inlet Conn. NPT or BSPT	Nozzle Type			Capacity size	Rated Orifice Dia. (mm)	Capacity (liters per minute)												Spray angle		
	(F) Conn.		(M) Conn.			0.7 bar	1.5 bar	2 bar	3 bar	4 bar	5 bar	6 bar	7 bar	10 bar	20 bar	0.7 bar	3 bar	7 bar		
	G	H	GG																	
1/8	●		●	1507	1.6	1.3	2	2.3	2.8	3.2	3.6	3.9	4.2	5	7.1	13°	15°	15°		
	●		●	1514	2.4	2.7	3.9	4.5	5.5	6.4	7.1	7.8	8.4	10.1	14.3	13°	15°	15°		
1/4	●		●	1530	3.2	5.7	8.4	9.7	11.8	13.7	15.3	16.7	18.1	22	31	13°	15°	15°		
3/8	●		●	1550	4.4	9.5	14	16.1	19.7	23	25	28	30	36	51	116°	15°	15°		
1/2	●		●	1590	5.6	17.2	25	29	36	41	46	50	54	65	92	13°	15°	15°		
3/4		●		15150	7.5	29	42	48	59	68	76	84	90	108	153	13°	15°	15°		
1		●		15280	9.9	53	78	90	111	128	143	156	169	200	285	13°	15°	15°		
1-1/4		●		15430	12.3	82	120	139	170	196	220	240	260	310	440	14°	15°	15°		
1-1/2		●		15630	15.1	120	176	205	250	290	320	350	380	455	640	14°	15°	15°		
2		●		151150	20.2	220	320	370	455	530	590	640	700	830	1170	14°	15°	15°		
2-1/2		●		151750	24.6	335	490	570	690	800	890	980	1060	1260	1780	14°	15°	15°		
3		●		152500	29.4	480	700	810	990	1140	1280	1400	1510	1800	2550	14°	15°	15°		
4		●		154500	39.7	860	1260	1450	1780	2050	2290	2510	2710	3240	4590	14°	15°	15°		
5		●		157000	48.8	1330	1950	2260	2760	3190	3570	3910	4220	5050	7130	14°	15°	15°		



COMMON APPLICATIONS

- Cleaning and washing of products requiring deep penetration and/or spray induced turbulence to ensure thorough washing.
- Desuperheating of steam.
- Spraying the inside of ducts and pipe for cooling or cleaning.

ORDERING INFORMATION



PERFORMANCE DATA

A series of nozzles for 30°

Nozzle Inlet Conn.	Nozzle Type			Capacity Size	Rated Orifice Dia.	Capacity (L/min)												Spray angle		
	G	GG	HH			1 bar	2 bar	3 bar	4 bar	5 bar	6 bar	7 bar	10 bar	15 bar	20 bar	0.5 bar	1.5 bar	6 bar		
1/8	●	●		3001.4	0.79	0.32	0.45	0.55	0.64	0.71	0.78	0.84	1	1.2	1.4	17°	30°	31°		
	●	●		3002.5	0.79	0.57	0.81	0.99	1.1	1.3	1.4	1.5	1.8	2.2	2.5	17°	30°	32°		
	●	●		3004	1.2	0.91	1.3	1.6	1.8	2	2.2	2.4	2.9	3.5	4.1	26°	30°	32°		
	●	●		3007	1.6	1.6	2.3	2.8	3.2	3.6	3.9	4.2	5	6.2	7.1	23°	30°	30°		
1/4	●	●		3009	2	2.1	2.9	3.6	4.1	4.6	5	5.4	6.5	7.9	9.2	23°	30°	30°		
3/8	●	●		3014	2.4	3.2	4.5	5.5	6.4	7.1	7.8	8.4	10.1	12.4	14.3	25°	30°	30°		
1/2	●	●		3030	3.2	6.8	9.7	11.8	13.7	15.3	16.7	18.1	22	26	31	26°	30°	31°		
3/4	●	●		3050	4.4	11.4	16.1	19.7	23	25	28	30	36	44	51	26°	30°	31°		
1		●		3070	5.2	16	23	28	32	36	39	42	50	62	71	27°	30°	30°		
		●		30100	6.4	23	32	39	46	51	56	60	72	88	102	27°	30°	30°		
1-1/4		●		30150	7.5	34	48	59	68	76	84	90	108	132	153	27°	30°	30°		
1-1/2		●		30200	8.7	46	64	79	91	102	112	121	144	177	205	27°	30°	30°		
		●		30250	9.5	57	81	99	114	127	140	151	180	220	255	27°	30°	30°		
2		●		30300	10.3	68	97	118	137	153	167	181	220	265	305	27°	30°	30°		
		●		30350	11.1	80	113	138	160	178	195	215	255	310	360	28°	30°	30°		
		●		30400	11.9	91	129	158	182	205	225	245	290	355	410	28°	30°	30°		
		●		30500	13.5	114	161	197	230	255	280	305	360	445	510	28°	30°	30°		
2-1/2		●		30600	14.7	137	193	235	275	305	335	365	435	530	620	28°	30°	30°		
		●		30700	15.9	160	225	280	320	360	390	425	510	620	720	28°	30°	30°		
		●		301000	19.1	230	325	395	455	510	560	610	720	890	1020	28°	30°	30°		
		●		301100	19.8	250	355	435	510	560	620	670	800	970	1120	28°	30°	30°		
	●		301200	20.6	275	390	475	550	620	670	730	870	1060	1230	28°	30°	30°			