

B/BB series square cone spray nozzles

DESIGN FEATURES

Standard square spray nozzles feature a solid cone-shaped spray pattern with a round impact area and spray angles of 45° to 105°.

They produce a uniform spray of medium to large droplets cross their entire spray area over a wide range of spraying pressures and flow rates.

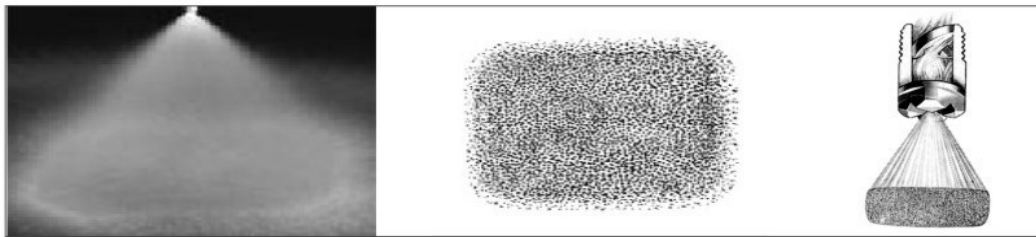
This uniform spray distribution is the result of a unique vane design ... with large passages and superior control characteristics.

They are well-suited for installations requiring complete coverage of rectangular areas or spray zones.



BSG(F/M) series square spray nozzles feature removable caps and vanes... to allow the removal and inspection of these components without removal of the nozzle body from its header or manifold. BSQ series nozzles feature removable vanes.

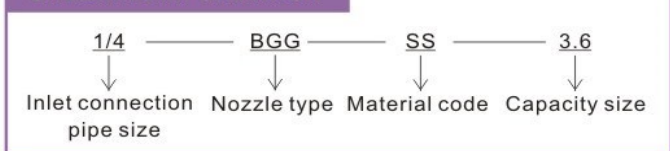
SPRAY PATTERN



PERFORMANCE DATA

Nozzle Inlet Conn. NPT or BSPT	Capacity size	Nozzle type				Dia. Nom. (mm)	Max. free passage Dia.(mm)	Capacity(L/min)										Spray angle		
		BGG	BSG	BSQ	BBSQ			0.3Bar	0.5bar	1Bar	2Bar	3Bar	4Bar	5Bar	6Bar	7Bar	10Bar	0.5Bar	1.5Bar	6Bar
1/8"	3.6	●	●	●		1.6	1.3	0.93	1.2	1.6	2.2	2.7	3.1	3.4	3.7	4	4.7	40°	52°	47°
	4.8	●	●	●		1.9	1.3	1.2	1.6	2.2	3	3.6	4.1	4.5	4.9	5.3	6.2	48°	63°	57°
	6	●	●	●		2.4	1.3	1.5	2	2.7	3.7	4.5	5.1	5.6	6.1	6.6	7.8	60°	66°	60°
1/4"	10	●	●	●		2.8	1.6	2.6	3.3	4.5	6.2	7.4	8.5	9.4	10.2	11	13	62°	67°	61°
	12	●	●	●		3.2	1.6	3.1	3.9	5.4	7.4	8.9	10.2	11.3	12.3	13.2	15.5	70°	70°	68°
	14.5	●	●	●		3.9	1.6	3.7	4.7	6.5	9	10.8	12.3	13.7	14.8	15.9	18.8	78°	78°	75°
3/8"	18	●	●	●		4	2.4	4.6	5.9	8.1	11.1	13.4	15.3	17	18.4	19.8	23	71°	75°	68°
	29	●	●	●		5.6	3.2	7.5	9.5	13	17.9	22	25	27	30	32	38	71°	75°	68°
1/2"	36	●	●	●		6.4	3.2	9.3	11.8	16.2	22	27	31	34	37	40	47	78°	82°	75°
	50	●	●	●		6.7	4.4	12.9	16.3	22	31	37	42	47	51	55	65	71°	75°	68°
1"	106	●	●	●	●	9.9	5.6	27	35	48	65	79	90	100	109	117	137	78°	80°	73°
1-1/4"	177	●	●	●	●	12.7	6.4	46	58	79	109	132	150	167	181	195	230	78°	80°	73°
1-1/2"	230	●	●	●	●	14.3	8.7	59	75	103	142	171	195	220	235	255	300	73°	77°	70°
	290	●	●	●	●	15.5	11.1	75	95	130	179	215	250	275	300	320	375	66°	70°	64°
2"	360	●	●	●	●	17.4	11.1	93	118	162	225	270	305	340	370	395	470	70°	74°	67°
	480	●	●	●	●	21	11.1	124	157	215	300	360	410	455	495	530	630	79°	82°	74°
	490	●	●	●	●	19.8	14.3	126	160	220	305	365	420	465	510	540	640	62°	67°	61°
2-1/2"	590	●	●	●	●	22.2	14.3	152	193	265	365	440	510	560	610	650	770	75°	78°	71°
	950	●	●	●	●	28.6	17.5	245	310	430	590	710	810	900	980	1050	1230	81°	84°	76°
5	2980	●	●	●	●	47.6	28.6	770	980	1340	1840	2220	2540	2810	3060	3280	3860	89°	91°	83°
6	5690	●	●	●	●	81.8	44.5	1470	1860	2560	3520	4240	4840	5360	5830	6260	7370	102°	105°	95°

ORDERING INFORMATION



COMMON APPLICATION

- Cooling and quenching
- Products washing
- Air and gas washer
- Scrubbing machine
- Dust control
- Fire prevention

