

Square Pattern Water Spray Full Cone Nozzles



SQ

Performance Data

BSPT Inlet connector NPT or BSPT	Nozzle type				Flow code	Rated orifice Dia(mm)	Max expedite Dia(mm)	Flow rate(L/min)										Spray angle		
	(F) Connector		(M) Connector					0.3bar	0.5bar	1bar	2bar	3bar	4bar	5bar	6bar	7bar	10bar	0.5bar	1.5bar	6bar
	G	H	GG	HH																
1/8	●		●	●	3.6SQ	1.6	1.3	0.93	1.2	1.6	2.2	2.7	3.1	3.4	3.7	4.0	4.7	40°	52°	47°
				●	4.8SQ	1.9	1.3	1.2	1.6	2.2	3.0	3.6	4.1	4.5	4.9	5.3	6.2	48°	63°	57°
	●		●	●	6SQ	2.4	1.3	1.5	2.0	2.7	3.7	4.5	5.1	5.6	6.1	6.6	7.8	60°	66°	60°
1/4	●		●	●	10SQ	2.8	1.6	2.6	3.3	4.5	6.2	7.4	8.5	9.4	10.2	11.0	13.0	62°	67°	61°
	●		●	●	12SQ	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°	75°	68°
				●	14.5SQ	3.9	1.6	3.7	4.7	6.5	9.0	10.8	12.3	13.7	14.8	15.9	18.8	78°	82°	75°
3/8	●		●	●	18SQ	4.0	2.4	4.6	5.9	8.1	11.1	13.4	15.3	17.0	18.4	19.8	23	71°	75°	68°
1/2	●		●	●	29SQ	5.6	3.2	7.5	9.5	13.0	17.9	22	25	27	30	32	38	71°	75°	68°
				●	36SQ	6.4	3.2	9.3	11.8	16.2	22	27	31	34	37	40	47	78°	82°	75°
3/4				●	50SQ	6.7	4.4	12.9	16.3	22	31	37	42	47	51	55	65	71°	75°	68°
1		●			106SQ	9.9	5.6	27	35	48	65	79	90	100	109	117	137	78°	80°	73°
1-1/4		●			177SQ	12.7	6.4	46	58	79	109	132	150	167	181	195	230	78°	80°	73°
1-1/2		●			230SQ	14.3	8.7	59	75	103	142	171	195	220	235	255	300	73°	77°	70°
2		●			290SQ	15.5	11.1	75	95	130	179	215	250	275	300	320	375	66°	70°	64°
		●			360SQ	17.4	11.1	93	118	162	225	270	305	340	370	395	470	70°	74°	67°
		●			480SQ	21.0	11.1	124	157	215	300	360	410	455	495	530	630	79°	82°	74°
2-1/2		●			490SQ	19.8	14.3	126	160	220	305	365	420	465	510	540	640	62°	67°	61°
		●			590SQ	22.2	14.3	152	193	265	365	440	510	560	610	650	770	75°	78°	71°
		●			950SQ	28.6	17.5	245	310	430	590	710	810	900	980	1050	1230	81°	84°	76°
5		●			2980SQ	47.6	28.6	770	980	1340	1840	2220	2540	2810	3060	3280	3860	89°	91°	83°
6		●			5690SQ	81.8	44.5	1470	1860	2560	3520	4240	4840	5360	5830	6260	7370	102°	105°	95°

Square Pattern Water Spray Full Cone Nozzles have the following features:

- Spray pattern is square area
- Unique vane design inside square pattern full cone nozzles ensures uniform spray distribution
- Spray angles: 45° to 120°
- Connections: 1/8" to 2" (male and female NPT and BSPT)
- Operating pressure range: up to 400 psi (25 bar)
- General Application :

Cooling

Dust suppression

Fire Protection

Chemical Injection

Washing or cleaning