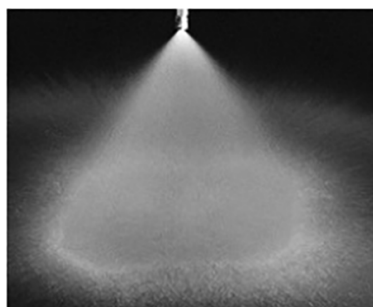




SQ Series



BH-SQ



One-Piece
(Internal Thread)

BBH-SQ



One-Piece
(External Thread)

BG-SQ



Removable Cap Type
(Inside)

BBG-SQ



Removable Cap type
(Outer)

Design Features

- Spray Angle : 40°-105°
- Spray Pattern : Solid cone- shaped spray pattern with square impact area.
- Drops : Small- to medium-size, uniform distribution over a wide range of flow rates and pressure.
- Material : BRASS/SS
- Features : Uniform coverage in the rectangular range, the effect is very ideal; DG/DDG models are removable caps for easy maintenance and cleaning; Unique vane design with large flow passages provides superior control and uniform distribution.

Applications

- Water aerating
- Fire prevention
- Spray cooling
- Dust control
- Metal treating
- Gas cooling & scrubbing

Order Info

BBH - **1/4** - **SS** - **12SQ**
Nozzle Type Inlet Conn Material Code Orifice

For NPT threaded connections, add the letter "N" before the nozzle connection size.

Performance State

Standard Angle

At the stated pressure in bar.

Inlet Conn. (in.)	Nozzle Type				Capacity Size	Orifice (mm)	Flow Rate Capacity (L/min)										Spray Angle (°)		
	BH-SQ	BBH-SQ	BG-SQ	BBG-SQ			0.4bar	0.5bar	0.7bar	1.5bar	2bar	3bar	4bar	6bar	6bar	10bar	0.5bar	1.5bar	6bar
1/8		●	●	●	3.6SQ	1.6	1.1	1.2	1.4	1.9	2.2	2.7	3.1	3.7	4.0	4.7	40	52	47
		●	●	●	4.8SQ	1.9	1.4	1.6	1.8	2.6	3.0	3.6	4.1	4.9	5.3	6.2	48	63	57
		●	●	●	6SQ	2.4	1.8	2.0	2.3	3.2	3.7	4.5	5.1	6.1	6.6	7.8	60	66	60
1/4		●	●	●	10SQ	2.8	2.9	3.3	3.8	5.4	6.2	7.4	8.5	10.2	11.0	13.0	62	67	61
		●	●	●	12SQ	3.2	3.5	3.9	4.6	6.5	7.4	8.9	10.2	12.3	13.2	15.5	70	75	68
		●			14.5SQ	3.9	4.3	4.7	5.5	7.8	9.0	10.8	12.3	14.8	15.9	18.8	78	82	75
3/8		●	●	●	18SQ	4.0	5.3	5.9	6.9	9.7	11.1	13.4	15.3	18.4	19.8	23	71	75	68
1/2		●	●	●	29SQ	5.6	8.5	9.5	11.1	15.7	17.9	22	25	30	32	38	71	75	68
		●			36SQ	6.4	10.6	11.8	13.7	19.5	22	27	31	37	40	47	78	82	75
3/4		●			50SQ	6.7	14.7	16.3	19.1	27	31	37	42	51	55	65	71	75	68
1	●	●			106SQ	9.9	31	35	40	57	65	79	90	109	117	137	78	80	73
1-1/4	●				177SQ	12.7	52	58	67	96	109	132	150	181	195	229	78	80	73
1-1/2	●				230SQ	14.3	68	75	88	124	142	171	195	236	253	298	73	77	70
2	●				290SQ	15.5	85	95	111	157	179	216	246	297	319	376	66	70	64
	●				360SQ	17.4	106	118	137	195	222	268	306	369	396	466	70	74	67
	●				480SQ	21	141	157	183	260	297	357	408	492	528	622	79	82	74



• Wide Angle

At the stated pressure in bar.

Inlet Conn. (in.)	Nozzle Type		Capacity Size	Orifice (mm)	Flow Rate Capacity (L/min)										Spray Angle (°)		
	BH	BBH			0.4bar	0.5bar	0.7bar	1bar	1.5bar	2bar	3bar	4bar	6bar	0.5bar	1.5bar	6bar	
1/4	●	●	14WSQ	3.6	4.2	4.6	5.3	6.2	7.5	8.5	10.1	11.5	13.7	99	101	93	
3/8	●	●	17WSQ	4.0	5.1	5.6	6.5	7.6	9.1	10.3	12.3	13.9	16.7	99	101	93	
	●	●	20WSQ	4.4	6.0	6.6	7.6	8.9	10.7	12.1	14.5	16.4	19.6	104	110	94	
	●	●	24WSQ	4.8	7.1	7.9	9.1	10.7	12.8	14.5	17.4	19.7	24	104	110	94	
	●	●	27WSQ	5.2	8.0	8.9	10.3	12.0	14.4	16.3	19.5	22	26	104	110	98	
	●	●	30WSQ	5.6	8.9	9.9	11.4	13.4	16.0	18.1	22	25	29	104	110	102	
1/2	●	●	35WSQ	6.0	10.4	11.5	13.3	15.6	18.7	21	25	29	34	104	110	102	
	●	●	40WSQ	6.4	11.9	13.1	15.2	17.8	21	24	29	33	39	104	110	102	
	●	●	45WSQ	6.4	13.4	14.8	17.1	20	24	27	33	37	44	104	110	102	
	●	●	50WSQ	6.7	14.9	16.4	19.1	22	27	30	36	41	49	104	110	102	
3/4	●	●	71WSQ	9.9	21	23	27	32	38	43	51	58	70	105	110	102	
1	●	●	130WSQ	13.1	39	43	50	58	69	79	94	107	127	107	110	107	

• Special size please consult our sale dept!