

BBF series wide angle spray nozzles

DESIGN FEATURES

Wide angle square shaped spray nozzle features a full cone spray pattern with square impact area and spray angles of 93°~115°, small to medium-sized drops.

Unique vane design provides uniform spray distribution.

They are idea choice for installations requiring uniform coverage of rectangular of square areas, size 1-1/4" and larger are case-type nozzles with removable vanes.



BBF

PERFORMANCE DATA

Inlet Conn. NPT or BSPT	Capacity size	Nozzle type		Rated orific Diam. (mm)	Max free Diam. (mm)	Capacity (liters per minute)										Spray angle		
		One - piece	Two- piece			0.3Bar	0.5bar	0.7Bar	1Bar	2Bar	3Bar	4Bar	5Bar	6Bar	0.5Bar	1.5Bar	6Bar	
1/8	2.8W	●	●	1.6	1			1.1	1.2	1.7	2	2.3	2.5	2.7		120°	102°	
	4.3W	●	●	2	1			1.6	1.9	2.6	3.1	3.5	3.9	4.2		120°	102°	
	5.6W	●	●	2.4	1		1.8	2.1	2.5	3.4	4	4.6	5.1	5.5		120°	102°	
	8W	●	●	2.4	1.3		2.6	3	3.6	4.8	5.8	6.6	7.2	7.8		120°	102°	
1/4	10W	●	●	2.8	1.3	2.6	3.3	3.8	4.5	6	7.2	8.2	9.1	9.8	112°	120°	103°	
	12W	●	●	3.2	1.3	3.1	3.9	4.6	5.3	7.3	8.7	10.9	11.8	114°	120°	103°		
	14W	●	●	3.2	1.6	3.7	4.6	5.3	6.2	8.5	10.1	10.1	12.7	13.7	114°	120°	103°	
	14WSQ	●	●	3.6	1.6	3.7	4.6	5.3	6.2	8.5	10.1	10.1	12.7	13.7	99°	101°	93°	
3/8	17W	●	●	4	1.6	4.5	5.6	6.5	7.6	10.3	12.3	13.9	15.4	16.7	114°	120°	103°	
	17WSQ	●	●	4	1.6	4.5	5.6	6.5	7.6	10.3	12.3	13.9	15.4	16.7	99°	101°	93°	
	20W	●	●	4.4	2.4	5.2	6.6	6.6	8.9	12.1	14.5	16.5	18.1	19.6	114°	120°	104°	
	20WSQ	●	●	4.4	2.4	5.2	6.6	6.6	8.9	12.1	14.5	16.5	18.1	19.6	104°	110°	94°	
	24W	●	●	4.8	2.4	6.3	7.9	7.9	10.7	14.5	17.3	19.7	22	24	114°	120°	104°	
	24WSQ	●	●	4.8	2.4	6.3	7.9	7.9	10.7	14.5	17.3	19.7	22	24	104°	110°	94°	
	27W	●	●	5.2	2.8	7.1	8.9	8.9	12	16.3	19.5	22	24	26	114°	120°	106°	
1/2	27WSQ	●	●	5.2	2.8	7.1	8.9	8.9	12	16.3	19.5	22	24	26	104°	110°	98°	
	30W	●	●	5.6	2.8	7.9	9.9	11.4	13.4	18.1	22	25	27	29	114°	120°	108°	
	30WSQ	●	●	5.6	2.8	7.9	9.9	11.4	13.4	18.1	22	25	27	29	104°	110°	102°	
	35W	●	●	6	3.2	9.2	11.5	13.3	15.6	21	25	29	32	34	114°	120°	108°	
	35WSQ	●	●	6	3.2	9.2	11.5	13.3	15.6	21	25	29	32	34	104°	110°	102°	
	40W	●	●	6.4	3.2	10.5	13.1	15.2	17.8	24	29	33	36	39	114°	120°	108°	
	40WSQ	●	●	6.4	3.2	10.5	13.1	15.2	17.8	24	29	33	36	39	104°	110°	102°	
	45W	●	●	6.4	3.6	11.8	14.8	17.1	20	27	33	37	41	44	114°	120°	110°	
	45WSQ	●	●	6.4	3.6	11.8	14.8	17.1	20	27	33	37	41	44	104°	110°	102°	
	50W	●	●	6.7	4	13.1	16.4	19.1	22	30	36	41	45	49	114°	120°	112°	
3/4	50WSQ	●	●	6.7	4	13.1	16.4	19.1	22	30	36	41	45	49	104°	110°	102°	
	6W	●	●	9.9	4.4	18.4	23	27	31	42	51	58	64	69	115°	120°	112°	
	71WSQ	●	●	9.9	4.4	18.4	23	27	31	42	51	58	64	69	105°	110°	102°	
1	11W	●	●	13.1	5.6	34	42	49	57	78	93	106	116	126	117°	120°	117°	
	130WSQ	●	●	13.1	5.6	34	42	49	57	78	93	106	116	126	107°	110°	107°	

COMMON APPLICATION

- Air and gas washers
- Cooling /quenching
- Dust control
- Fire suppression/prevention
- Liquor washers
- Product washing/rinsing
- Scrubbers

ORDERING INFORMATION

