



The narrow full cone “Injector” nozzle Types B7 and BB7 deliver a more concentrated, higher impact full cone spray pattern. Type B7 is a one piece design; the BB7 design is available with male or female threads, and has a removable cap.

Rated flows are from 0.4 L/ minute to 240 L/ minute; operating pressures from 2 Bar to 30 Bar; spray angle 30 degrees. Thread connections are from 1/8” to 1 1/4” BSP male, 1/8” to 3/4” BSP female. Material: stainless steel AISI grade 303 or 316; Brass.

**CHARACTERISTICS**

- Narrow full cone spray with high impact
- nominal 30 degree spray angle

To order: specify the thread size and type, nozzle type, capacity size code and material - eg 1 1/4 MB7-150 316S.

TYPE OF NOZZLE		Ø1 mm	PRESSURE (bar)										bar		
			2	3	4	5	6	7	10	15	20	30	0.5	1.5	5
			CAPACITY (l/min)										Δ°	Δ°	Δ°
1/8 F - BB7 - 1.4 *	1/8 M - BB7 - 1.4	0.71	0.44	0.55	0.63	0.70	0.77	0.85	1.02	1.20	1.38	1.70	15	30	30
1/8 F - BB7 - 2.5 *	1/8 M - BB7 - 2.5	0.97	0.81	0.98	1.20	1.30	1.40	1.50	1.80	2.20	2.50	3.05	15	30	30
1/8 F - BB7 - 4 *	1/8 M - BB7 - 4	1.2	1.31	1.50	1.80	2.10	2.20	2.45	2.90	3.50	4.10	4.92	25	30	30
1/8 F - BB7 - 7 *	1/8 M - BB7 - 7	1.6	2.30	2.70	3.22	3.50	3.90	4.20	5.10	6.10	7.00	8.70	25	30	30
1/4 F - BB7 - 9 *	1/4 M - BB7 - 9	1.8	2.9	3.4	4.0	4.5	5.1	5.3	6.5	8.0	9.1	11.0	25	30	30
3/8 F - BB7 - 14 *	3/8 M - BB7 - 14 *	2.3	4.5	5.5	6.3	7.1	7.8	8.5	10.2	12.3	14.2	17.0	25	30	30
1/2 F - BB7 - 30 *	1/2 M - BB7 - 30 *	3.2	9.5	11.6	13.5	15.1	16.5	18.0	21.0	25.9	30.0	35.8	25	30	30
3/4 F - BB7 - 50 *	3/4 M - BB7 - 50 *	4.2	16.1	19.5	23.0	25.0	28.0	29.8	36.0	44.1	51.1	61.0	25	30	30
	1 M - BB7 - 70 *	5.1	22	27	32	35	39	42	50	61	70	85	28	30	30
	1 M - BB7 - 100*	6.1	32	39	45	50	55	60	71	88	100	122	28	30	30
	1 1/4 M - BB7 - 150*	7.4	48	59	68	76	83	89	107	131	152	180	28	30	30
	1 1/4 M - BB7 - 200*	8.6	65	78	90	100	111	120	143	175	200	242	28	30	30