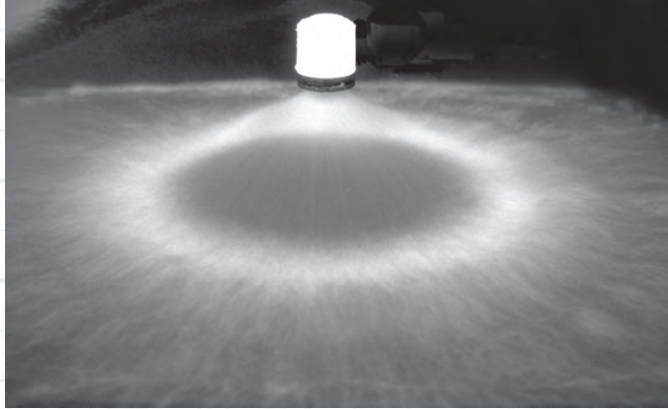


Spray Nozzles

Large Hollow Cone Nozzles

Producing uniform atomisation with no central distribution

TYPICAL SPRAY PATTERN



TYPICAL APPLICATIONS

Aerating water, brine sprays, chemical processing, coil defrosting, dust control, evaporative condensers, evaporative coolers, industrial washers, roof cooling, spray ponds, spray coating, gas scrubbing and washing, humidification, gas cooling, cooling towers, coal washing, degreasing, gravel washing, dishwashing, foam control, industrial washing and water fountains.

BE Type Nozzle

One piece cast body in a right angle design. Nominal spray angle of 55° to 90° dependant upon flow size and pressure. (See chart for details). Materials are Stainless Steel as standard.

Type BE

Nozzle number	Thread Sizes			Spray angle (°) at 0.7-bar
	F 1/4"	F 1.1/2"	F 2"	
23	x	x		62
28	x	x		65
36	x	x		70
43	x	x		78
49	x	x		80
54	x	x		87
63			x	70
75			x	80
88			x	80
100			x	80
112			x	80
122			x	80
144			x	85



Flow Rate per Nozzle

Nozzle number	Flow Rate in Litres / Min at Bar G								
	0.15	0.3	0.5	0.7	1	1.5	2	3	4.0
23	33.20	45.00	56.00	64.00	77.00	92.30	107.00	130.00	150.00
28	37.90	52.10	65.60	75.50	91.50	109.00	128.00	152.00	175.00
36	50.90	66.30	84.80	98.40	118.00	142.00	163.00	198.00	228.00
43	59.20	79.50	101.00	117.00	140.00	168.00	192.00	237.00	268.00
49	68.70	90.00	116.00	135.00	160.00	193.00	223.00	272.00	321.00
54	75.80	102.00	128.00	149.00	180.00	213.00	254.00	313.00	353.00
63	91.20	123.00	159.00	188.00	210.00	249.00	281.00	341.00	402.00
75	104.00	152.00	200.00	226.00	243.00	296.00	339.00	417.00	504.00
88	123.00	180.00	230.00	256.00	283.00	346.00	393.00	492.00	598.00
100	156.00	208.00	262.00	274.00	324.00	393.00	442.00	549.00	661.00
112	180.00	227.00	284.00	306.00	362.00	440.00	473.00	587.00	705.00
122	199.00	246.00	306.00	332.00	402.00	483.00	554.00	682.00	813.00
144	208.00	256.00	317.00	371.00	442.00	568.00	665.00	814.00	938.00

Nozzle number	Flow Rate in GAL / Min at PSIG						
	5	10	15	20	30	40	60
23	12.30	16.80	20.70	23.40	28.80	33.00	40.20
28	14.40	19.80	24.60	27.60	33.60	38.40	47.20
36	18.60	25.80	31.80	36.00	43.80	50.10	61.20
43	22.20	30.60	37.50	42.60	51.60	60.00	72.00
49	25.50	35.40	42.90	48.90	60.00	69.00	86.40
54	28.20	39.00	48.30	54.00	68.40	79.20	94.80
63	34.80	49.20	56.40	63.00	75.60	86.40	108.00
75	43.80	59.40	65.40	75.00	91.20	106.00	136.00
88	50.40	67.20	76.20	87.60	106.00	125.00	161.00
100	57.60	72.00	87.00	99.60	119.00	139.00	178.00
112	62.40	80.40	97.20	112.00	127.00	149.00	190.00
122	67.20	87.00	108.00	122.00	149.00	173.00	218.00
144	69.60	97.20	119.00	144.00	179.00	206.00	252.00