

PRESSURE FED NARROW ROUND SPRAY

AIR ATOMISING SPRAY NOZZLE



APPLICATION

Odour Control
Cooling
Gas Scrubbing

FEATURES

Internal mix
Fine atomisation
Narrow spray angle 20°
Full cone pattern
Large forward projection (upto 8.5 mtr)

DESCRIPTION

The Pressure Fed Narrow Round Spray produces a full cone spray pattern. Compressed air and liquid mixes and atomises within the spray nozzle body to create a fine mist spray with a large forward spray projection. The nozzle has a separate air and liquid connection being 1/4" female.

MATERIALS AVAILABLE Nickle Plated Brass, Stainless Steel

SPRAY ANGLES AVAILABLE 70°

OPTIONAL ACCESSORIES

Manual Clean-out needle, Automatic Clean-out and shut-off valve

Nozzle No.	0.7 Bar Liquid			1.5 Bar Liquid			2.0 Bar Liquid			3.0 Bar Liquid			4.0 Bar Liquid			Spray Dimensions					
	Air (bar)	l/h	Nm3/h	Air (bar)	l/h	Nm3/h	Air (bar)	l/h	Nm3/h	Air (bar)	l/h	Nm3/h	Air (bar)	l/h	Nm3/h	air	liquid	A(mm)	B(mm)	D(m)	
050	0.7	2.5	0.96	1.1	6.4	0.72	1.4	6.4	0.84	2.7	6.2	1.38	3.5	7.8	1.68						
	0.9	1.8	1.14	1.4	5.0	0.90	1.7	5.5	1.02	2.8	5.7	1.50	3.7	7.3	1.74	0.9	0.7	13	300	3	
	1.0	1.4	1.32	1.7	4.1	1.14	2.0	4.5	1.20	3.0	5.2	1.62	3.9	6.4	1.98	1.5	1.5	13	330	3	
				1.8	3.4	1.20	2.2	3.4	1.44	3.1	4.7	1.74	4.2	5.5	2.28	2.5	2.0	13	360	3	
				2.0	3.0	1.36	2.4	3.0	1.56	3.2	4.3	1.86	4.5	4.5	2.58	3.1	3.0	14	390	4	
				2.1	2.6	1.50	2.5	2.5	1.68	3.4	3.9	1.98	4.6	4.1	2.70	4.5	4.0	15	440	4	
100				2.2	2.0	1.62	2.7	2.3	1.86	3.7	3.0	2.28	4.8	3.7	2.82						
	0.7	2.5	1.14	1.4	5.7	1.62	1.7	6.7	1.74	2.2	9.2	2.04	2.8	11.9	2.34						
	0.9	2.0	1.32	1.5	5.2	1.74	1.8	6.4	1.86	2.5	8.2	2.34	3.1	11.0	2.58	0.9	0.7	12	430	4	
	1.0	1.6	1.56	1.7	4.8	1.92	2.0	5.9	2.04	2.8	7.2	2.64	3.4	10.1	2.82	1.5	1.5	13	460	4	
				1.8	4.3	2.10	2.1	5.2	2.22	3.0	6.7	2.82	3.7	9.2	3.12	2.4	2.0	13	480	4	
				2.0	3.9	2.22	2.2	4.8	2.40	3.1	6.3	2.94	3.9	8.4	3.48	3.0	3.0	13	510	5	
150				2.1	3.4	2.40	2.4	4.3	2.58	3.2	5.9	3.12	4.3	7.6	3.72	3.9	4.0	15	560	5	
							2.7	3.6	2.88	3.4	5.5	3.30	4.5	6.8	4.06						
	0.9	4.8	1.26	1.7	8.4	1.86	2.0	10.7	1.98	2.7	16.5	2.22	3.4	20.0	2.58						
	1.1	4.1	1.62	1.8	7.5	2.10	2.1	9.8	2.22	2.8	15.4	2.28	3.7	18.4	2.82	1.5	0.7	12	480	4	
	1.4	3.4	1.98	2.0	7.0	2.22	2.4	8.2	2.52	3.1	13.6	2.58	3.9	16.8	3.00	2.5	1.5	13	510	4	
	1.5	3.1	2.1	2.2	5.7	2.64	2.7	6.8	2.88	3.4	11.8	2.94	4.2	15.2	3.30	3.0	2.0	13	530	5	
200	1.7	3.0	2.34	2.5	4.8	2.94	3.0	5.9	3.30	3.7	10.4	3.30	4.5	13.8	3.60	3.4	3.0	14	560	5	
	1.8	2.9	2.46	2.8	4.1	3.24	3.2	5.0	3.54	3.9	9.1	3.66	4.8	12.4	3.90	4.2	4.0	15	600	5	
	2.0	2.8	2.64	3.1	3.6	3.54	3.5	4.1	3.90	4.2	7.9	3.90	4.9	11.8	4.06						
	1.1	13.0	4.56	2.2	17.8	6.96	2.8	20.0	8.16	3.4	32.0	8.94	4.6	37.0	11.60						
	1.4	8.9	5.46	2.5	13.1	7.80	3.1	16.3	8.94	3.9	25.0	10.20	5.3	29.0	13.20	1.7	0.7	18	660	5	
	1.5	7.2	5.88	2.8	9.5	8.58	3.4	11.9	9.78	4.6	15.9	12.30	5.6	25.0	14.10	2.8	1.5	20	760	6	
250	1.7	5.8	6.3	3.1	7.0	9.42	3.9	7.0	11.20	5.3	9.1	14.40	6.0	21.0	15.00	3.9	2.0	20	810	7	
	1.8	4.7	6.72	3.4	4.9	10.30	4.2	4.7	12.30	5.6	6.8	15.30	6.3	17.4	16.20	5.3	3.0	21	910	8	
	2.0	3.6	7.14	3.5	4.2	10.70	4.6	3.0	13.20	6.0	5.0	16.50	6.7	14.0	17.40	6.0	4.0	21	970	9	
	2.1	2.7	7.62								6.3	3.6	17.40	7.0	11.0	18.30					
	0.9	31.0	3.42	1.4	61.0	4.14	2.1	53.0	5.76	2.7	80.0	6.18	3.8	88.0	8.10						
	1.0	25.0	3.96	1.5	54.0	4.58	2.4	41.0	6.72	3.0	69.0	7.02	4.2	73.0	9.36	1.0	0.7	17	610	5	
300	1.1	18.5	4.5	1.7	48.0	5.10	2.7	31.0	7.62	3.2	59.0	7.80	4.6	61.0	10.60	1.8	1.5	18	690	6	
	1.3	12.9	5.1	1.8	41.0	5.58	2.8	26.0	6.16	3.5	49.0	8.76	4.9	48.0	11.80	2.8	2.0	20	760	7	
				2.0	35.0	6.12	3.0	22.0	8.64	3.7	44.0	9.24	5.3	39.0	12.90	3.5	3.0	20	790	7	
				2.1	30.0	6.60					3.8	37.0	9.66	5.6	31.0	14.40	4.9	4.0	21	910	9
				2.2	25.0	7.14					3.9	35.0	10.20	6.0	23.0	15.60					
	1.0	44.0	5.16	1.4	125.0	4.74	2.0	123.0	6.48	2.2	199.0	5.28	3.0	250.0	5.94						
1.1	32.0	6.12	1.5	106.0	5.56	2.1	108.0	7.14	2.5	174.0	6.60	3.2	225.0	7.20	1.0	0.7	19	890	6		
			1.7	87.0	6.30	2.2	96.0	7.80	2.8	146.0	7.98	3.5	205.0	8.46	1.7	1.5	20	990	7		
			1.8	70.0	7.06	2.4	79.0	8.58	3.1	121.0	9.24	3.8	182.0	9.78	2.4	2.0	21	1040	8		
			2.0	55.0	7.80	2.5	64.0	9.30	3.2	108.0	9.96	4.1	159.0	11.00	3.1	3.0	21	1070	8		
									2.7	52.0	9.96	3.4	95.0	10.60	4.6	4.0	22	1170	9		
									2.8	42.0	10.70	3.5	84.0	11.20	4.9	93.0	15.30				

ORDERING EXAMPLE Pressure fed Narrow Round Spray 1/4" Stainless Steel 50

