

SIPHON FED NARROW ROUND SPRAY



APPLICATION

Humidification
Cooling

FEATURES

Lowest flow available
Very fine atomisation
Narrow Spray Angle 20 degree
Full cone pattern
Short forward projection

OPTIONAL ACCESSORIES

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

DESCRIPTION

The Siphon 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 short 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

20°

ORDERING EXAMPLE

Siphon Fed Narrow Round Spray 1/4" Stainless Steel 250

AIR ATOMISING SPRAY NOZZLE

Nozzle Number	Atomizing Air		Liquid Capacity (Litres Per Hour)							Spray Dimensions at 200mm Siphon Height				
	Air (Bar)	Air Capacity	1.5 Bar Liquid			2.0 Bar Liquid				Air	Spray Angle A	B (mm)	D (m)	
			Air (bar)	l/h	Nm ³ /h	100mm	200mm	300mm	600mm					900mm
050	0.7	0.66	1.5	1.3	1.1	0.9	0.7	0.5			0.7	18	280	1.8
	1.5	1.02	1.8	1.8	1.5	1.3	1.2	1.1	0.6		1.5	18	280	1.9
	3.0	1.68	2.1	2.1	1.7	1.5	1.4	1.3	1.1	0.8	3.0	18	300	2.3
	4.0	2.16	2.2	2.2	1.8	1.6	1.5	1.4	1.2	0.9	4.0	19	360	2.6
150	0.7	0.78	2.4	2.1	1.7	1.5	1.2	0.8			0.7	18	300	2.1
	1.5	1.20	2.8	2.5	2.4	2.1	1.9	1.6	0.9		1.5	18	330	2.3
	3.0	1.92	3.4	3.1	2.9	2.6	2.6	2.4	1.7	1.1	3.0	18	380	2.6
	4.0	2.46	3.7	3.4	3.3	3.1	2.9	2.7	2.1	1.5	4.0	19	430	3.0
200	0.7	1.38	2.5	2.3	2.0	1.6	1.4	1.1			0.7	18	300	2.4
	1.5	2.16	2.9	2.8	2.5	2.2	2.0	1.7	0.9		1.5	18	330	2.7
	3.0	3.48	3.4	3.3	3.2	2.9	2.8	2.5	1.9	1.2	3.0	19	380	3.4
	4.0	4.44	3.7	3.6	3.5	3.4	3.3	3.0	2.5	2.0	4.0	20	430	4.0
250	0.7	1.14	4.5	4.0	3.4	2.1	1.8	1.4			0.7	21	380	3.0
	1.5	1.86	5.3	4.9	4.4	3.5	2.9	2.7	1.8		1.5	21	410	3.4
	3.0	3.00	6.0	5.6	5.0	4.4	4.0	3.4	2.4	0.5	3.0	21	460	4.0
	4.0	3.90	5.7	5.4	5.0	4.2	3.9	3.5	2.8	0.1	4.0	22	510	4.6
400	1.5	3.48	22.0	19.9	16.3	12.3	10.5	8.3	2.8		1.5	17	460	3.7
	3.0	5.28	25.0	23.0	3.8	16.7	14.2	11.5	6.4	2.8	3.0	18	510	4.3
	4.0	6.66	26.0	24.0	21.0	18.4	15.7	12.9	7.9	4.5	4.0	18	530	4.9
	0.8	8.82	26.0	24.0	22.0	19.7	17.0	14.6	9.8	6.1	5.6	19	580	5.5
450	2.0	8.64				27.0	22.0	16.8			2.0	20	510	6.7
	3.0	11.40				30.0	26.0	21.0			3.0	20	530	7.0
	4.0	14.40		43.0	40.0	31.0	28.0	23.0	11.0		4.0	21	580	7.6
	5.6	16.90	44.0	42.0	39.0	31.0	28.0	24.0	16.7	8.3	5.6	22	630	8.2

