

SIPHON FED FLAT FAN SPRAY



APPLICATION

Coating
Cooling
Lubrication

DESCRIPTION

The Siphon Fed Flat Fan Spray produces a flat fan spray pattern. Compressed air and liquid mixes and atomises within the spray nozzle body to create a fine mist spray with a small forward projection. The nozzle has a separate air and liquid connection being 1/4" female.

MATERIALS AVAILABLE

Nickle Plated Brass
Stainless Steel

SPRAY ANGLES AVAILABLE

60° – 85°

ORDERING EXAMPLE

Siphon Fed Flat Fan Spray 1/4" Stainless Steel 050

FEATURES

Lowest flow available
Very fine atomisation
Flat Fan Spray Pattern
Moderate Spray angle (60 -85)
Small forward projection
Siphon Fed

OPTIONAL ACCESSORIES

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

AIR ATOMISING SPRAY NOZZLE

Nozzle Number	Atomizing Air		Liquid Capacity (Litres Per Hour)							
	Air (Bar)	Air Capacity	Gravity Head			Siphon Height				
			Air (bar)	l/h	Nm3/h	100mm	200mm	300mm	600mm	900mm
050	0.7	1.68	1.3	1.2	1.1	1.0	1.0	0.8	0.6	0.5
	1.5	2.58	1.2	1.1	1.0	0.9	0.9	0.8	0.7	0.5
	2.0	3.00	0.8	0.8	0.7	0.6	0.5			
100	1.5	3.36	3.7	3.5	3.3	2.9	2.8	2.5	2.3	2.1
	2.0	3.90	3.4	3.3	3.1	2.8	2.7	2.6	2.4	2.2
	3.0	5.22	2.8	2.7	2.5	2.4	2.2	2.1	1.9	1.7
	4.0	6.60	1.9	1.8	1.6	1.3	1.3	1.2		
150	1.5	4.08	5.1	4.8	4.5	3.8	3.7	3.5	3.0	2.4
	2.0	4.68	4.9	4.7	4.4	3.6	3.4	3.2	2.9	2.3
	3.0	6.18	3.4	3.2	3.0	2.2	2.0	1.7		
	3.5	7.02	2.2	2.0	1.7					
200	1.5	3.78	7.6	7.2	6.6	5.7	5.4	5.1	4.6	3.7
	2.0	4.38	7.6	7.3	6.8	5.9	5.7	5.5	5.0	4.2
	3.0	5.76	6.4	6.1	5.7	5.0	4.5	4.1	3.3	
	3.5	6.60	4.2	3.7	3.2	2.6				

