PRESSURE FED INTERNAL MIX FLAT FAN SPRAY

APPLICATION

Coating
Cooling
Gas scrubbing
Lubrication

FEATURES

Internal mix
Fine atomisation
Flat Fan, Wide Angled Spray Pattern (80 degree)

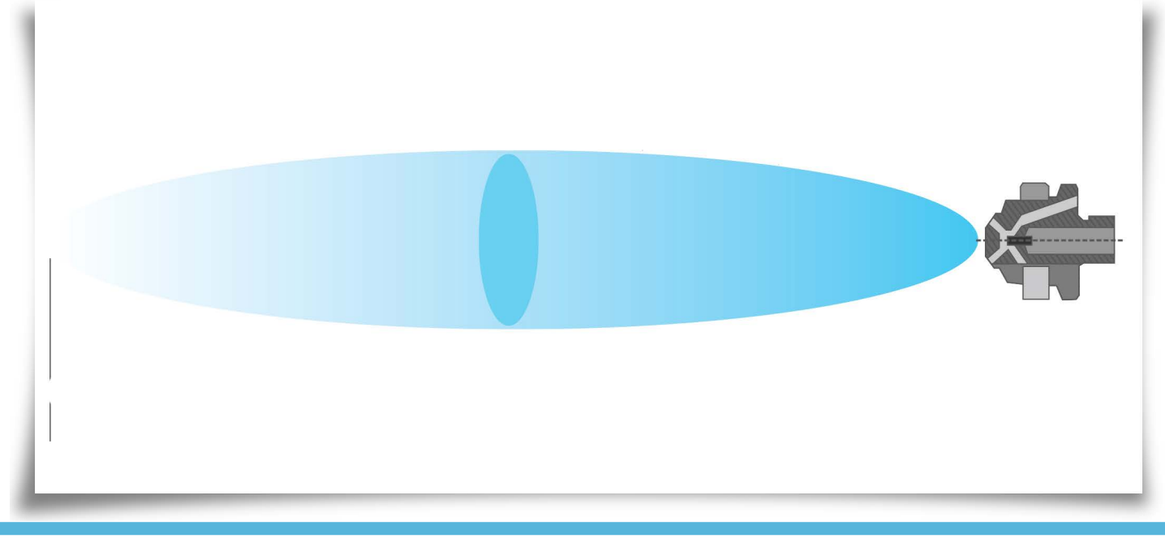
OPTIONAL ACCESSORIES

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

DESCRIPTION

The Pressure Fed Internal Mix 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 short to moderate forward spray projection. The nozzle has a separate air and liquid connection being ¼" female.

MATERIALS AVAILABLE Nickle Plated Brass, Stainless Steel
SPRAY ANGLES AVAILABLE 80°
ORDERING EXAMPLE Pressure Fed Internal Mix Flat Fan Spray 1/4" Stainless Steel 100



Ref.	0.7 Bar Liquid			1.5 Bar Liquid			2.0 Bar Liquid			3.0 Bar Liquid			4.0 Bar Liquid		
	Air (bar)	l/h	Nm 3/h	Air (bar)	l/h	Nm 3/h	Air (bar)	l/h	Nm 3/h	Air (bar)	l/h	Nm 3/h	Air (bar)	l/h	Nm 3/h
050	0.7	5.5	1.44	1.3	9.1	1.86	2.0	8.6	2.52	2.7	11.2	3.12	3.9	12.0	4.14
	0.9	4.7	1.62	1.5	7.7	2.16	2.2	7.5	2.82	3.0	10.1	3.36	4.6	9.7	4.86
	1.0	4.1	1.86	1.8	6.5	2.52	2.5	6.2	3.12	3.2	9.1	3.72	5.3	7.5	5.58
	1.1	3.5	2.04	2.1	5.4	2.82	2.8	5.2	3.42	3.5	8.1	3.96	6.0	5.3	6.24
	1.3	3.0	2.22	2.4	4.3	3.12	3.1	4.2	3.78	4.2	5.4	4.74	6.3	4.3	6.60
	1.4	2.5	2.40	2.7	3.3	3.42	3.2	3.7	3.90	4.6	4.2	5.10	6.7	3.3	6.96
	1.5	2.0	2.64	2.8	2.8	3.60	3.4	3.2	4.08	4.9	3.1	5.46	7.0	2.4	7.32
100	1.3	3.9	1.80	2.1	7.4	2.40	3.0	6.1	3.12	3.9	9.4	3.60	5.3	10.2	4.68
	1.4	3.0	1.96	2.4	5.3	2.70	3.1	5.3	3.24	4.2	7.2	4.02	5.6	8.3	5.04
	1.5	2.3	2.10	2.5	4.4	2.82	3.2	4.5	3.42	4.6	5.3	4.38	5.0	6.6	5.34
	1.7	1.8	2.28	2.7	3.7	3.00	3.4	3.8	3.54	4.9	3.8	4.80	6.3	5.1	5.88
	1.8	1.3	2.46	2.8	3.1	3.12	3.5	3.2	3.72						
	2.0	1.0	2.64	3.0	2.6	3.30	3.9	1.8	4.06						
				3.1	2.1	3.42									
150	0.9	8.2	1.20	1.4	14.4	1.62	2.1	13.5	2.16	2.7	19.1	2.52	4.6	16.1	4.14
	1.0	6.8	1.38	1.7	11.9	1.92	2.4	11.4	2.52	3.0	17.1	2.76	4.9	13.8	4.56
	1.1	5.5	1.62	2.0	9.5	2.22	2.7	9.2	2.82	3.2	15.1	3.12	5.3	11.5	4.98
	1.3	4.1	1.80	2.1	8.3	2.40	3.0	7.1	3.18	3.5	13.1	3.42	5.6	9.3	5.40
	1.4	2.9	2.04	2.2	7.1	2.58	3.2	5.0	3.54	4.2	8.1	4.32	6.0	7.3	5.82
				2.4	6.1	2.76	3.4	4.0	3.78	4.6	5.9	4.74	6.3	5.6	6.24
				2.5	5.1	2.94	3.5	3.3	3.96	4.9	4.0	5.16	6.7	4.3	6.72
200	1.0	9.0	1.50	2.0	10.4	2.46	2.4	11.6	2.88	3.1	15.6	3.36	4.2	17.1	4.38
	1.1	7.8	1.80	2.1	9.3	2.70	2.5	10.4	3.05	3.2	14.6	3.54	4.6	15.0	4.80
	1.3	6.6	1.92	2.2	8.2	2.88	2.7	9.4	3.24	3.4	13.7	3.72	4.9	12.8	5.22
	1.4	5.2	2.16	2.5	6.1	3.30	3.0	7.3	3.66	3.8	10.8	4.26	5.3	11.0	5.64
	1.7	3.1	2.64	2.8	4.3	3.72	3.2	5.5	4.08	4.2	8.5	4.92	5.6	9.4	6.18
	2.0	2.0	3.00	3.1	3.0	4.14	3.5	4.1	4.50	4.9	5.2	5.88	6.3	7.2	7.14
	2.2	1.1	3.36	3.4	2.0	4.50	3.8	2.9	4.86	6.0	2.3	7.20	7.0	0.1	8.04
250	1.1	11.2	3.24	2.1	18.0	4.74	2.7	19.6	5.58	3.5	27.0	6.72	4.6	33.0	8.22
	1.3	8.5	3.60	2.2	15.8	5.04	2.8	17.3	5.88	3.7	25.0	6.96	4.9	28.0	8.94
	1.4	6.5	3.90	2.4	13.6	5.34	3.0	15.2	6.18	3.8	23.0	7.26	5.3	24.0	9.66
	1.5	5.0	4.26	2.5	11.6	5.70	3.1	13.2	6.54	3.9	21.0	7.56	5.6	19.7	10.40
	1.7	3.8	4.62				3.2	11.4	6.84	4.1	18.9	7.92	6.0	15.7	11.20
										4.2	17.0	8.22	6.3	12.4	12.00
300	0.9	27.0	1.98	1.8	38.0	3.30	2.4	39.0	4.02	3.2	58.0	4.56	4.6	59.0	6.36
	1.0	20.0	2.28	2.1	28.0	3.95	2.7	30.0	4.62	3.5	47.0	5.22	5.3	40.0	7.92
	1.1	15.9	2.70	2.2	24.0	4.26	3.0	24.0	5.22	3.8	38.0	5.82	5.6	32.0	8.70
	1.3	12.5	2.88	2.3	21.0	4.56	3.2	17.8	5.88	3.9	34.0	6.18	6.0	26.0	9.48
	1.4	10.2	3.36	2.5	17.8	4.92	3.4	15.1	6.18	4.2	27.0	6.78	6.3	20.0	10.30
	1.5	7.6	3.72	2.7	15.1	5.22	3.5	12.9	6.54	4.6	20.0	7.58	6.7	15.9	11.10
							3.7	10.6	6.84	4.9	14.8	8.40	7.0	12.7	11.90
350	1.0	17.0	1.38	2.0	24.0	2.64	2.4	28.0	3.06	3.4	38.0	4.32	3.9	65.0	4.50
	1.1	11.0	1.62	2.1	18.9	3.00	2.5	23.0	3.54	3.5	33.0	4.80	4.2	53.0	5.34
	1.3	7.6	1.98	2.2	14.4	3.36	2.7	18.9	3.96	3.7	28.0	5.34	4.6	40.0	6.48
	1.4	3.2	2.40	2.4	10.6	3.78	2.8	15.1	4.44	3.8	23.0	5.82	4.9	30.0	7.62
				2.5	7.2	4.26	3.0	11.7	4.74	3.9	19.7	6.30	5.3	21.0	8.94
										4.2	13.1	7.20	5.6	13.8	10.40
										4.6	7.2	8.28	6.3	3.2	13.50
400	1.0	29.0	5.40	1.8	56.0	7.02	2.1	100.0	7.14	3.0	126.0	8.40	4.1	140.0	10.90
	1.1	18.9	6.48	2.0	40.0	7.96	2.2	79.0	7.98	3.1	110.0	9.06	4.2	125.0	11.60
							2.4	62.0	8.82	3.2	95.0	9.78	4.6	89.0	13.50
							2.5	48.0	9.72	3.4	78.0	11.00	4.9	58.0	15.90
							2.7	35.0	10.60	3.5	62.0	11.60	5.3	34.0	18.30
										3.7	48.0	12.60	5.6	16.7	20.40
										3.8	37.0	13.50			