

PRESSURE FED EXTERNAL MIX FLAT FAN SPRAY



APPLICATION

Coating
Cooling
Lubrication

FEATURES

External mix: allows spraying of viscous materials
Variable atomisation
Precise metering of liquid
Moderate spray angle (60 – 90 degree)

OPTIONAL ACCESSORIES

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

DESCRIPTION

The Pressure Fed External Mix Flat Fan Spray produces a flat fan spray pattern. Compressed air and liquid mixes and atomises external to the spray nozzle body to create a fine mist spray with a moderate 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

60° – 90°

ORDERING EXAMPLE

Pressure Fed External Mix Flat Fan Spray 1/4" Stainless Steel 250

Nozzle Ref	0.2 Bar Liquid			0.3 Bar Liquid			0.7 Bar Liquid			1.5 Bar Liquid			3.0 Bar Liquid		
	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
050		3			4			5			8			11	
	0.4	3	1.32	0.4	4	1.32	0.4	5	1.5	0.6	8	1.68	0.7	11	2.04
	0.4	3	1.50	0.4	4	1.50	0.6	5	1.68	0.7	8	2.04	1.1	11	2.70
		3			4			5			8			11	
	0.5	3	1.62	0.6	4	1.68	0.7	5	2.04	1.1	8	2.70	1.8	11	3.72
	0.6	3	1.68	0.7	4	2.04	0.9	5	2.4	1.4	8	3.24	2.5	11	4.74
100		3			4			5			8			11	
	0.2	3	1.51	0.4	4	1.58	0.7	5	1.87	1.4	8	2.72	2.8	11	4.38
	0.4	3	1.58	0.7	4	1.87	1.1	5	2.38	1.8	8	3.23	3.5	11	5.10
	0.7	3	1.87	1.1	4	2.38	1.4	5	2.72	2.1	8	3.57	4.2	11	6.12
	1.1	3	2.38	1.4	4	2.72	1.8	5	3.23	2.8	8	4.42	4.9	11	7.14
	1.4	3	2.72	1.8	4	3.23	2.1	5	3.56	3.5	8	5.10	5.3	11	7.65
	1.8	3	3.23	2.1	4	3.56	2.8	5	4.42	4.2	8	6.12	5.6	11	8.34
2.1	3	3.56	2.8	4	4.42	3.5	5	5.10	5.6	8	8.34	6.3	11	9.54	
150		5			6			8			12			17	
	0.4	5	1.32	0.4	6	1.32	0.6	8	1.68	0.7	12	2.04	1.1	17	2.70
	0.6	5	1.66	0.7	6	2.04	0.7	8	2.04	1.4	12	3.24	1.4	17	3.24
		5			6			8			12			17	
	0.7	5	2.04	1.1	6	2.70	1.4	8	3.24	2.1	12	4.26	2.1	17	4.26
	1.1	5	2.70	1.4	6	3.24	2.1	8	4.26	2.5	12	4.74	2.5	17	4.74
200		5			6			8			12			17	
	0.4	5	1.58	0.7	6	1.87	1.1	8	2.38	1.8	12	3.23	3.2	17	4.92
	0.7	5	1.87	1.1	6	2.38	1.4	8	2.72	2.1	12	3.56	3.5	17	5.10
	1.1	5	2.38	1.4	6	2.72	1.8	8	3.23	2.8	12	4.42	4.2	17	6.12
	1.4	5	2.72	1.8	6	3.23	2.1	8	3.56	3.5	12	5.10	4.9	17	7.14
	1.8	5	3.23	2.1	6	3.56	2.8	8	4.42	4.2	12	6.12	5.3	17	7.62
	2.1	5	3.56	2.8	6	4.42	3.5	8	5.10	4.9	12	7.14	6.3	17	9.54
2.8	5	4.42	3.5	6	5.10	4.2	8	6.12	6.3	12	9.54	6.7	17	9.84	
250		9			10			16			16			33	
	0.4	9	1.50	0.4	10	1.50	0.4	16	1.50	0.7	16	2.04	1.4	33	3.24
	0.5	9	1.65	0.6	10	1.68	0.6	16	1.68	0.9	16	2.40	1.8	33	3.72
		9			10			16			16		2.1	33	
	0.6	9	1.68	0.7	10	1.86	0.7	16	2.04	1.1	16	2.70	2.5	33	4.26
	0.7	9	2.04	0.7	10	2.04	0.9	16	2.40	1.4	16	3.24		33	4.74
300		9			10			16			16			33	
	0.7	9	1.87	1.1	10	2.38	1.4	16	2.72	2.5	23	4.06	3.5	33	5.10
	1.1	9	2.38	1.4	10	2.72	1.8	16	3.23	2.8	23	4.42	4.2	33	6.12
	1.4	9	2.72	1.8	10	3.23	2.1	16	3.56	3.5	23	5.10	4.9	33	7.14
	1.8	9	3.23	2.1	10	4.56	2.8	16	4.42	4.2	23	6.12	5.3	33	7.62
	2.1	9	3.56	2.8	10	4.42	3.5	16	5.10	4.9	23	7.14	5.6	33	8.34
	2.8	9	4.42	3.5	10	5.10	4.2	16	6.12	5.6	23	8.34	6.3	33	9.54
3.5	9	5.10	4.2	10	6.12	4.9	16	7.14	6.3	23	9.54	7.0	33	10.56	