



AirMist pneumatic atomizing nozzles

Wide flat fan, pressurized liquid supply, internal mix

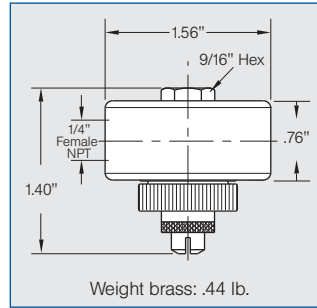
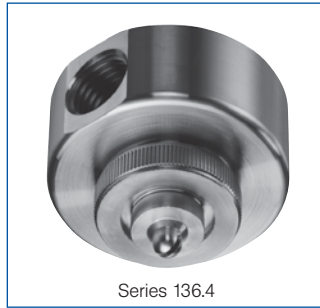
Series 136.4



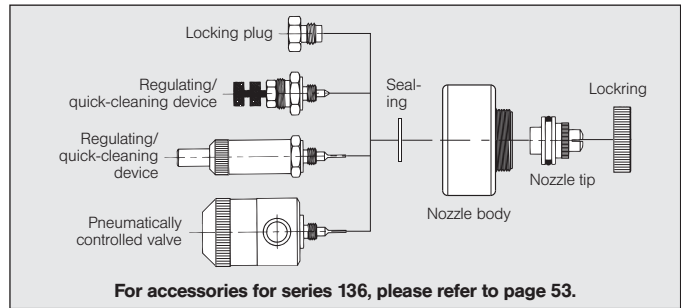
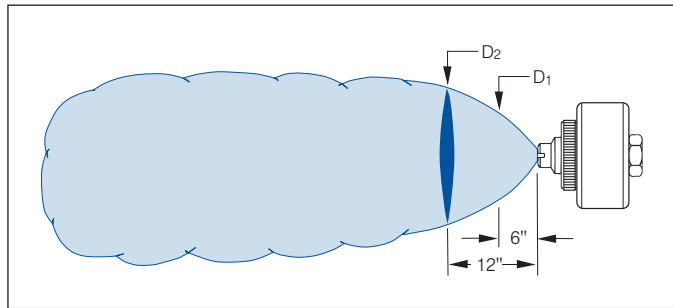
Particularly fine flat fan atomization with air or gas. Liquid pressure principle. Internal mixing of fluids.

Applications:

- Web dampening
- Cooling
- Humidification of goods



Additional flow rate data available upon request. The body is also available in a rectangular design.



Pneumatic atomizing

Spray angle	Ordering no.		Maximum Free Passage (in.)	Liquid Flow GPH (Gallons Per Hour) at Indicated Liquid Pressure Air Flow SCFM (Standard Cubic Feet Per Minute)												Spray Dimensions							
	Type	Mat. no.		10 psi			20 psi			40 psi			60 psi			Air psi	Liq. psi	D1 (in.)	D2 (in.)				
				Air psi	GPH	SCFM	Air psi	GPH	SCFM	Air psi	GPH	SCFM	Air psi	GPH	SCFM								
45°	136. 414. xx. B2	1Y	35	.028	15	2.0	.77	20	3.8	.88	32	5.9	1.2	44	6.6	1.5	20	10	3	5			
					17	1.6	.88	23	3.4	.94	38	5.3	1.4	49	6.1	1.6	35	20	4	6			
					20	1.1	1.0	26	3.1	1.1	44	4.7	1.5	55	5.5	1.8	46	30	4	6			
					23	.71	1.1	29	2.7	1.2	49	4.1	1.8	61	5.0	2.1	55	40	5	7			
					26	.34	1.2	32	2.4	1.3	55	3.5	2.0	67	4.5	2.2							
								35	2.0	1.4	61	2.9	2.2	73	3.9	2.5							
								38	1.6	1.5	67	2.3	2.4	78	3.4	2.7							
								41	1.2	1.6	73	1.7	2.6	84	2.9	2.9							
								46	.55	1.9	84	.66	3.1										
								17	3.7	.88	23	7.0	.94	44	9.8	1.5	52	12	1.7	17	10	4	6
								20	3.1	1.0	26	6.4	1.1	49	8.7	1.8	58	11	1.9	29	20	5	7
								23	2.5	1.1	29	5.8	1.2	55	7.8	2.0	64	10	2.2	41	30	6	7
								26	2.1	1.2	32	5.3	1.3	61	6.9	2.2	70	9.2	2.4	55	40	6	8
											35	4.8	1.4	67	6.1	2.5	75	8.4	2.6				
											38	4.3	1.5	73	5.3	2.7	81	7.7	2.9				
						41	3.8	1.6	78	4.6	2.9	87	6.9	3.1									
						46	3.0	1.9	87	3.7	3.2												
						52	2.3	2.1															
	136. 462. xx. B2	1Y	35	.059	17	5.0	1.5	29	5.8	1.2	44	16	2.4	55	20	2.7	17	10	5	6			
23					3.2	2.0	35	4.8	1.4	49	14	2.8	58	19	3.0	35	20	5	7				
29					2.5	2.4	41	3.8	1.6	55	12	3.4	61	17	3.2	46	30	5	7				
35					1.9	2.8	46	3.0	1.9	61	10	3.9	64	16	3.5	55	40	6	8				
41					1.5	3.2	52	2.3	2.1	67	8.8	4.4	67	15	3.8								
46					1.3	3.5	58	2.1	2.3	73	7.8	4.8	70	14	3.9								
52					.95	3.9	64	1.6	2.5	78	6.7	5.2	73	14	4.2								
58					.85	4.2	70	1.2	2.7	84	5.8	5.7	75	13	4.5								
64					.58	4.6	75	.85	2.9	87	5.4	5.8	78	12	4.8								
							84	.21	3.2				84	12	5.1								

Continued on next page.

Example **Type** + **Material no. (xx)** = **Ordering no.**
for ordering: 136. 414. xx. B2 + 1Y = 136. 414. 1Y. B2

For accessories and spare parts, see page 53 of this section.

For various configurations to mount your pneumatic air nozzles, see the Lances and Nozzle Headers section beginning on page 137.





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Series 136.4



Spray angle ▲	Ordering no.				Liquid Flow GPH (Gallons Per Hour) at Indicated Liquid Pressure Air Flow SCFM (Standard Cubic Feet Per Minute)												Spray Dimensions								
	Type	Mat. no.		Maximum Free Passage (in.)	10 psi			20 psi			40 psi			60 psi			Air psi	Liq. psi	D1 (in.)	D2 (in.)					
		1Y	316L SS		35 Brass Nickel Plate	Air psi	GPH	SCFM	Air psi	GPH	SCFM	Air psi	GPH	SCFM	Air psi	GPH					SCFM				
60°	136. 425. xx. B2	○	○	.020	12	1.7	.71	20	2.5	1.0	35	3.5	1.5	35	4.3	1.5	17	10	6	8					
					17	1.5	.94	26	2.3	1.2	38	3.4	1.6	41	4.1	1.7	32	20	6	10					
					23	1.2	1.1	32	2.1	1.4	44	3.2	1.8	46	4.0	1.9	44	30	7	10					
					29	1.1	1.4	38	1.9	1.6	49	3.1	2.0	52	3.8	2.1	49	40	8	13					
					35	.85	1.5	44	1.7	1.8	55	2.9	2.2	58	3.7	2.2									
					41	.69	1.7	49	1.5	2.0	61	2.7	2.4	64	3.5	2.4									
					44	.58	1.8	55	1.3	2.2	67	2.6	2.5	70	3.4	2.6									
								58	1.3	2.3	73	2.4	2.7	75	3.2	2.8									
								64	1.1	2.5	78	2.3	2.9	81	3.1	3.0									
								70	.95	2.6	84	2.1	3.1	87	3.0	3.2									
								75	.74	2.8	87	2.1	3.2												
								81	.58	3.0															
								87	.42	3.2															
					60°	136. 452. xx. B2	○	○	.059	15	5.0	2.3	26	8.2	3.1	46	13	4.5	55	19	4.8	15	10	5	7
										20	2.3	3.4	29	6.7	3.7	52	10	5.5	61	15	5.7	26	20	6	9
										26	2.0	4.1	32	5.3	4.2	58	8.3	6.6	67	13	6.6	38	30	6	10
										32	1.1	4.9	35	4.1	4.7	64	6.3	7.6	73	11	7.7	52	40	7	11
										38	.26	5.8	38	3.3	5.2	70	4.7	8.5	78	8.9	8.7				
41	.03	6.1	41	2.7						5.7	75	3.5	9.4	84	7.3	9.7									
80°	136. 433. xx. B2	○	○	.016	15	3.1	1.2	26	4.8	1.6	44	8.2	2.2	55	9.9	2.6	20	10	6	8					
					17	2.1	1.4	29	4.0	1.9	49	6.7	2.6	61	8.6	2.9	32	20	7	10					
					20	1.4	1.6	32	3.2	2.1	55	5.4	3.0	67	7.3	3.4	44	30	8	12					
					23	.98	1.9	35	2.6	2.4	61	4.3	3.5	73	6.2	3.8	55	60	12	19					
					38	2.0	2.5	67	3.3	3.9	78	5.1	4.2												
								41	1.6	2.8	73	2.5	4.3	84	4.2	4.6									
								44	1.2	2.9	78	1.7	4.7	87	3.8	4.9									

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Example **Type** + **Material no. (xx)** = **Ordering no.**
for ordering: 136. 425. xx. B2 + 1Y = 136. 425. 1Y. B2

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