



AirMist pneumatic atomizing nozzles
Wide flat fan, pressurized liquid supply, internal mix
Series 136.4



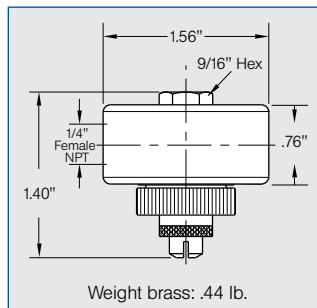
Particularly fine flat fan atomization with air or gas. Liquid pressure principle. Internal mixing of fluids.

Applications:

- Web dampening
- Cooling
- Humidification of goods

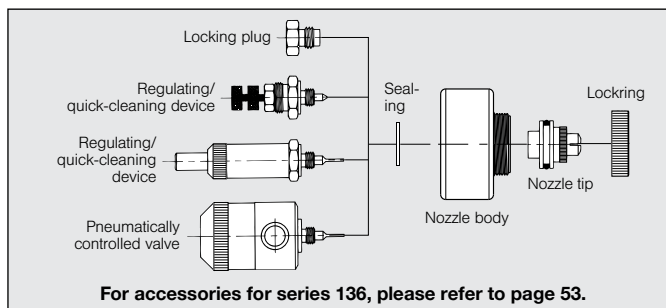
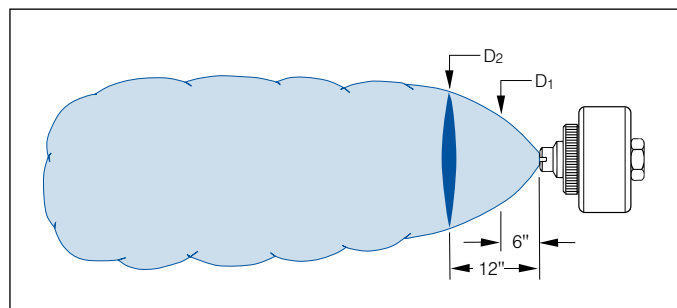


Series 136.4



Weight brass: .44 lb.

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



For accessories for series 136, please refer to page 53.

Spray angle Δ	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.)	
				1Y	16	Air psi	GPH	SCFM	Air psi	GPH	SCFM	Air psi	GPH	SCFM	Air psi					GPH
45°	136. 414. xx. B2	○ ○	.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								
	136. 443. xx. B2	○ ○	.039	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	○ ○	.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 141.



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Spray angle Δ	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.		1Y		16	10 psi			20 psi			40 psi			60 psi			Air psi	Liq. psi	D1 (in.)	D2 (in.)					
		316L SS	303 SS				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										

Pneumatic atomizing

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

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