



AirMist pneumatic atomizing nozzles

Flat fan, pressurized liquid supply, external mix

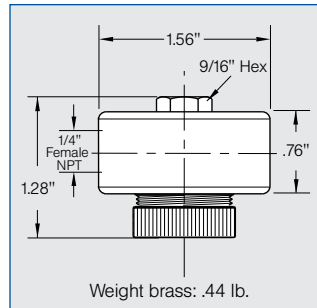
Series 136.6



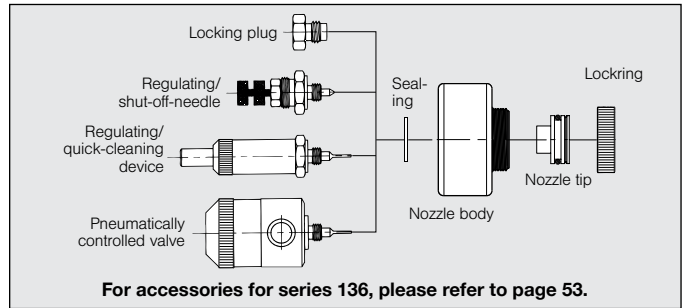
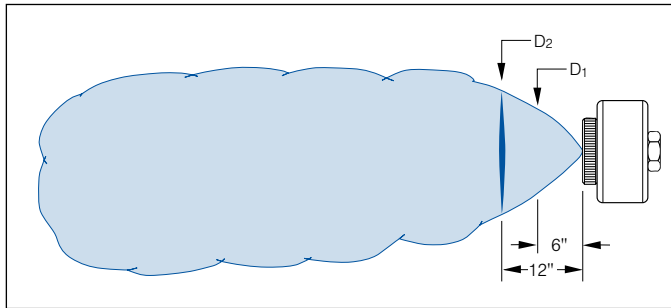
Fine flat fan atomization with air or gas. Liquid pressure principle. External mixing of fluids.

Applications:

- Web dampening
- Cooling
- Humidification of goods
- Atomization of viscous liquids



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.		1 psi			2 psi			4 psi			5 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					
	1Y	16																		
45°	136. 616. xx. B2	○	○	.016	12	.44	1.4	12	.64	1.4	12	.90	1.5	15	.97	1.6	20	1	3	5
					23	.51	2.2	20	.68	2.1	23	.93	2.2	26	1.0	2.4	32	2	4	5
					35	.55	2.9	32	.73	2.8	35	.96	2.9	38	1.0	3.1	46	3	4	5
					46	.58	3.6	44	.72	3.5	46	.96	3.6	49	1.0	3.8	58	4	4	6
					58	.59	4.3	58	.73	4.3	58	.97	4.3	61	1.0	4.5	73	5	4	6
					70	.59	5.0	70	.73	5.0	70	.97	5.0	72	1.0	5.2				
	136. 635. xx. B2	○	○	.020	12	.63	1.4	12	.91	1.4	12	1.3	1.4	15	1.4	1.6	20	1	3	5
					23	.75	2.2	23	.97	2.2	23	1.3	2.2	26	1.4	2.4	32	2	4	5
					35	.82	2.9	35	1.0	2.9	35	1.4	2.9	38	1.5	3.1	46	3	4	5
					47	.85	3.6	47	1.0	3.6	46	1.4	3.6	49	1.5	3.8	58	4	4	6
					58	.85	4.3	58	1.0	4.3	58	1.4	4.3	61	1.5	4.4	73	5	4	6
					70	.85	5.0	70	1.0	5.0	70	1.4	5.0	73	1.5	5.1				
	136. 654. xx. B2	○	○	.028	12	1.4	1.4	12	1.9	1.4	17	2.7	1.8	23	2.9	2.2	20	1	4	5
					23	1.5	2.2	23	2.0	2.2	29	2.7	2.5	35	3.0	2.9	32	2	4	6
					35	1.6	2.9	35	2.1	2.9	41	2.8	3.2	46	3.0	3.6	46	3	4	6
					46	1.7	3.6	46	2.1	3.6	52	2.8	3.9	58	3.0	4.3	58	4	4	6
					58	1.7	4.2	58	2.1	4.3	64	2.8	4.6	69	3.0	4.9	73	5	4	6
					70	1.7	5.0	70	2.1	4.9	75	2.8	5.3	81	3.0	5.6				

Continued on next page.

Example Type + Material no. (xx) = Ordering no.
for ordering: 136. 616. xx. B2 + 1Y = 136. 616. 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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Series 136.6

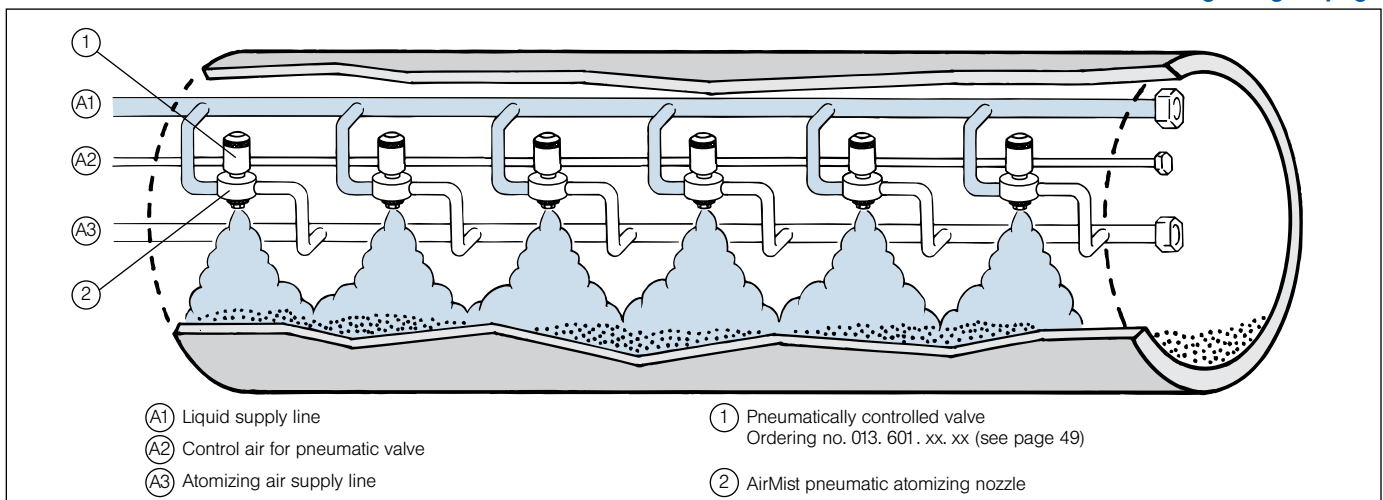


Pneumatic atomizing

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.		1 psi			2 psi			4 psi			5 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					
	1Y	16		316L SS	303 SS															
60°	136. 626. xx. B2	○	○	.016	12	.48	1.7	12	.66	1.7	12	.92	1.6	12	1.00	1.7	23	1	3	5
					23	.55	2.5	23	.71	2.5	23	.97	2.5	23	1.0	2.5	35	2	4	6
					35	.59	3.3	35	.75	3.3	35	.97	3.3	35	1.0	3.3	46	3	4	6
					46	.61	4.1	46	.76	4.1	46	1.00	4.1	46	1.1	4.1	58	4	4	6
					58	.63	4.9	58	.78	4.9	58	1.0	4.9	58	1.1	4.9	75	5	4	6
					70	.63	5.7	70	.78	5.7	70	1.0	5.7	70	1.1	5.7				
136. 645. xx. B2	○	○	.020	12	.72	1.7	12	.97	1.7	15	1.4	1.9	14	1.5	1.9	23	1	4	6	
				23	.82	2.5	23	1.1	2.5	26	1.4	2.7	26	1.5	2.7	35	2	4	6	
				35	.89	3.3	35	1.1	3.3	38	1.4	3.5	38	1.5	3.5	46	3	5	6	
				46	.91	4.1	46	1.1	4.1	49	1.5	4.3	49	1.6	4.3	58	4	5	6	
				58	.93	4.9	58	1.1	4.9	61	1.5	5.1	61	1.6	5.1	75	5	5	6	
				70	.94	5.7	70	1.2	5.7	72	1.5	5.9	73	1.6	5.9					
136. 664. xx. B2	○	○	.028	12	1.4	1.6	15	2.0	1.9	15	2.8	1.9	14	3.0	1.9	23	1	4	6	
				23	1.6	2.5	26	2.1	2.7	26	2.9	2.7	26	3.1	2.7	35	2	5	6	
				35	1.8	3.3	38	2.2	3.5	38	2.9	3.5	38	3.1	3.5	46	3	6	7	
				46	1.8	4.1	49	2.3	4.3	49	3.0	4.3	49	3.2	4.3	58	4	6	7	
				58	1.9	4.9	61	2.3	5.1	61	3.0	5.1	61	3.2	5.1	75	5	6	8	
				70	1.9	5.7	73	2.3	5.9	72	3.0	5.9	73	3.2	5.9					
136. 673. xx. B2	○	○	.039	15	3.8	4.5	20	4.9	5.5	29	6.5	6.9	35	7.0	7.9	23	1	5	6	
				26	3.7	6.5	32	4.7	7.4	41	6.2	8.9	46	6.5	9.8	35	2	5	6	
				38	3.6	8.3	44	4.4	9.4	52	5.6	11	58	5.8	12	46	3	5	6	
				49	3.4	10	55	4.0	11	64	5.0	13	70	5.1	14	58	4	5	6	
				61	3.2	12	67	3.7	13	75	4.4	15	81	4.5	16	75	5	5	7	
				73	2.9	14	78	3.2	15	84	4.0	16								
136. 682. xx. B2	○	○	.059	15	5.9	4.4	20	7.6	5.5	26	11	6.5	29	12	6.9	23	1	4	6	
				26	5.0	6.5	32	6.3	7.4	38	8.8	8.4	41	9.3	8.9	35	2	5	6	
				38	4.5	8.3	44	5.6	9.3	49	7.5	10	52	8.0	11	46	3	5	6	
				49	4.2	10	55	5.1	11	61	6.7	12	64	7.1	13	58	4	5	6	
				61	4.2	12	67	4.9	13	73	6.1	14	75	6.4	15	75	5	5	7	
				73	4.0	14	78	4.6	15	84	5.6	16	87	5.9	16					
136. 691. xx. B2	○	○	.098	26	13	9.6	35	17	12	43	23	14	44	26	14	23	1	6	8	
				38	13	13	46	16	15	55	21	17	55	23	17	35	2	6	8	
				49	12	15	58	15	18	67	20	20	67	21	20	46	3	6	8	
				61	11	18	70	14	20	78	18	23	78	20	22	58	4	6	8	
				73	11	21	81	13	23	87	17	25	87	18	25	75	5	6	8	
				78	10	23	87	12	25											

Example Type + Material no. (xx) = Ordering no.
 for ordering: 136. 626. xx. B2 + 1Y = 136. 626. 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.



Cereal dampening in a mixing drum