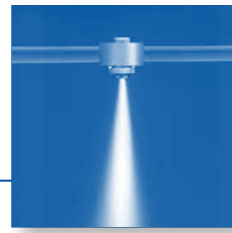




# AirMist pneumatic atomizing nozzles

## Full cone, pressurized liquid supply, internal mix

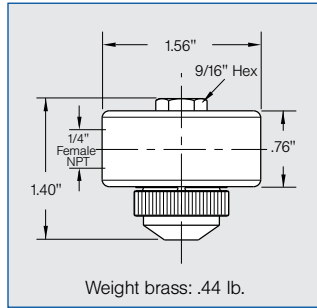
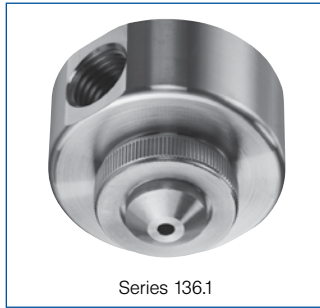
### Series 136.1



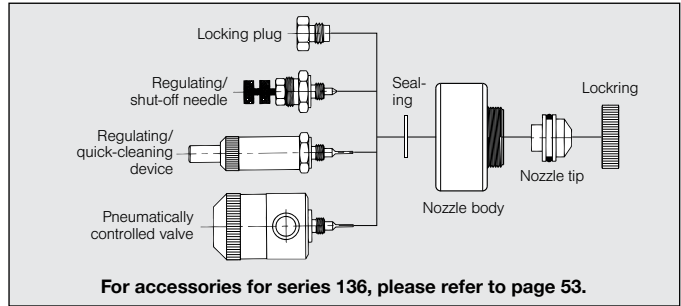
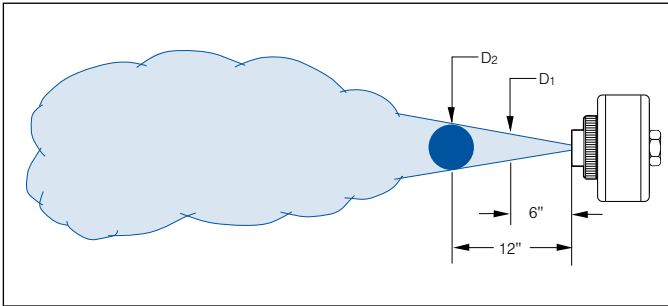
**Fine full cone atomization and fogging with air or gas. Liquid pressure principle. Internal mixing of fluids.**

**Applications:**

- Humidification of air
- Cooling



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



Pneumatic atomizing

Spray angle $\Delta$	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					
	316L SS 1Y	303 SS 16																		
20°	136. 115. xx. B2	○	○	.020	6	1.6	.18	20	1.5	.47	35	2.4	.65	44	2.9	.71	12	10	2	4
					12	1.0	.35	26	1.1	.59	41	2.0	.71	49	2.5	.82	26	20	2	4
					17	.45	.53	32	.58	.82	46	1.6	.88	55	2.2	.94	38	30	2	4
								38	.32	1.0	52	1.2	1.1	61	1.8	1.1	46	40	2	4
								64	.53	1.5	73	1.1	1.5	64	60	2	4			
								75	.11	1.8	84	.55	1.8							
	136. 125. xx. B2	○	○	.020	12	1.2	.88	17	1.8	1.1	41	2.4	1.9	49	2.8	2.3	20	10	2	4
					17	1.2	1.1	23	1.7	1.3	46	2.3	2.2	55	2.7	2.5	32	20	2	4
					23	1.1	1.4	29	1.6	1.5	52	2.2	2.4	61	2.6	2.7	41	30	2	4
					29	.92	1.5	35	1.5	1.8	58	2.1	2.6	73	2.5	3.2	49	40	2	4
					35	.79	1.8	41	1.4	2.0	64	2.0	2.8	78	2.4	3.4	61	60	2	4
					41	.71	1.9	46	1.3	2.2	70	1.9	3.1	84	2.3	3.6				
136. 134. xx. B2	○	○	.028	17	3.5	1.6	29	5.1	2.3	44	7.5	3.1	55	8.6	3.6	26	10	2	4	
				23	3.3	1.9	35	4.8	2.6	49	7.3	3.4	61	8.5	4.0	41	20	2	4	
				29	3.1	2.3	41	4.6	2.9	55	7.1	3.7	67	8.3	4.3	55	30	2	4	
				35	3.0	2.6	46	4.4	3.2	61	6.8	4.0	73	8.1	4.6	75	40	3	4	
				41	2.9	2.9	52	4.3	3.5	67	6.6	4.3	78	7.9	4.9	87	60	3	4	
				46	2.9	3.2	58	4.1	3.8	73	6.4	4.6	84	7.7	5.2					
136. 142. xx. B2	○	○	.098	20	6.4	3.0	23	14	2.8	46	19	4.7	55	25	5.4	12	10	2	4	
				26	5.4	3.7	29	11	3.5	52	17	5.4	61	22	5.9	23	20	3	4	
				32	5.3	4.2	35	9.3	4.2	58	15	6.2	67	20	6.7	44	30	2	4	
				38	5.1	4.8	41	8.0	4.9	64	13	6.9	73	18	7.4	58	40	3	4	
				44	4.6	5.5	46	7.6	5.6	70	12	7.6	78	17	8.1	87	60	3	4	
				49	4.4	6.1	52	7.4	6.2	75	11	8.3	84	15	8.8					

**Example**    Type    +    Material no. (xx)    =    Ordering no.  
**for ordering:**    136. 115. xx. B2    +    1Y    =    136. 115. 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.

