

Pneumatic atomizing nozzles, wide flat fan, siphon principle, internal mixing Series 136.5

Features:

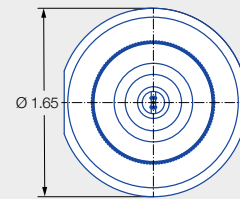
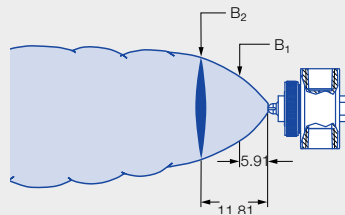
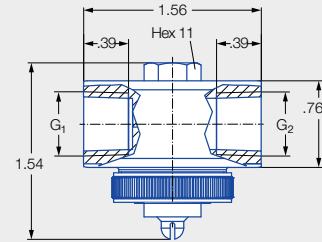
- Particularly fine flat fan atomization
- Siphon principle
- Internal mixing

Applications:

- Humidification of goods
- Cooling
- Belt humidification



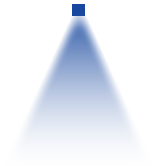
Series 136.5



Liquid connection G ₁	Air connection G ₂	Screw plug thread (size 11)	Weight [lb] (Stainless steel 303 SS)
1/4 NPT	1/4 NPT	5/16-24 UNF-2A	0.5

Spray angle	Ordering number			Narrowest free cross section Ø [in]	Air		V̇ water [gal/h]								Spray dimensions			
	Type	Material number					Water column [in WC]			Aspiration height [in WC]								
		1Y	16															
		Stainless steel 316L	Stainless steel 303		p [psf]	V̇ _n [SCFM]	6	12	18	4	8	12	24	35	p air [psf]	Aspiration height [in WS]	B ₁ [in]	B ₂ [in]
60°	136.516.xx.B2			0.02	12	1.1	—	—	—	0.4	0.4	—	1.17	0.3	15	12	5	6
					17	1.3	0.5	0.6	0.6	0.5	0.5	0.4	1.41	0.4	44	12	6	8
					20	1.5	0.5	0.6	0.6	0.5	0.5	0.4	1.47	0.4	67	12	7	9
					26	1.7	0.5	0.6	0.6	0.5	0.5	0.5	1.53	0.4	87	12	7	9
					29	1.8	0.5	0.6	0.6	0.5	0.5	0.4	1.50	0.4	—	—	—	—
					35	2.1	0.5	0.6	0.6	0.5	0.5	0.4	1.47	0.4	—	—	—	—
					38	2.2	0.5	0.6	0.6	0.5	0.5	0.4	1.44	0.4	—	—	—	—
					44	2.5	0.5	0.5	0.6	0.5	0.4	0.4	1.44	0.4	—	—	—	—
					46	2.6	0.5	0.5	0.6	0.4	0.4	0.4	1.59	0.4	—	—	—	—
					52	2.8	0.5	0.5	0.6	0.5	0.5	0.5	1.68	0.4	—	—	—	—
					55	2.9	0.5	0.5	0.6	0.5	0.5	0.5	1.71	0.5	—	—	—	—
					61	3.2	0.5	0.5	0.6	0.5	0.5	0.5	1.68	0.4	—	—	—	—
					64	3.4	0.5	0.5	0.6	0.5	0.5	0.5	1.74	0.5	—	—	—	—
					70	3.6	0.5	0.5	0.6	0.5	0.5	0.5	2.04	0.5	—	—	—	—
					73	3.7	0.6	0.6	0.6	0.6	0.6	0.6	2.10	0.6	—	—	—	—
					78	4.0	0.6	0.6	0.6	0.6	0.6	0.6	2.04	0.5	—	—	—	—
					81	4.1	0.6	0.6	0.6	0.6	0.6	0.6	2.01	0.5	—	—	—	—
					87	4.4	0.6	0.6	0.6	0.6	0.6	0.5	1.92	0.5	—	—	—	—





Spray angle	Ordering number			Narrowest free cross section Ø [in]	Air		V̇ water [gal/h]									Spray dimensions			
	Type	Material number					Water column [in WC]			Aspiration height [in WC]									
		1Y	16																
		Stainless steel 316L	Stainless steel 303		p [psi]	V̇ _i [SCFM]	6	12	18	4	8	12	24	35	p air [psi]	Aspiration height [in WS]	B ₁ [in]	B ₂ [in]	
60°	136.525.xx.B2			0.02	9	0.9	–	–	–	0.5	–	–	–	–	15	12	6	9	
12					1.1	–	–	–	0.6	0.6	0.5	–	–	44	12	8	12		
17					1.4	0.7	0.8	–	0.7	0.6	0.6	0.5	0.4	67	12	8	13		
20					1.5	0.8	0.8	0.8	0.7	0.7	0.6	0.6	0.5	87	12	10	16		
26					1.8	0.8	0.8	0.8	0.7	0.7	0.7	0.6	0.5	–	–	–	–		
29					1.9	0.8	0.8	0.8	0.7	0.7	0.7	0.6	0.5	–	–	–	–		
35					2.2	0.8	0.8	0.8	0.7	0.7	0.6	0.5	0.4	–	–	–	–		
38					2.3	0.7	0.8	0.8	0.7	0.6	0.6	0.5	0.4	–	–	–	–		
44					2.6	0.7	0.7	0.8	0.6	0.6	0.5	0.5	0.5	–	–	–	–		
46					2.7	0.7	0.7	0.7	0.6	0.5	0.5	0.5	0.5	–	–	–	–		
52					3.0	0.6	0.6	0.7	0.6	0.6	0.6	0.5	0.5	–	–	–	–		
55					3.1	0.6	0.6	0.7	0.6	0.6	0.6	0.5	0.5	–	–	–	–		
61					3.4	0.6	0.6	0.6	0.6	0.6	0.6	0.5	0.5	–	–	–	–		
64					3.5	0.6	0.6	0.6	0.6	0.5	0.5	0.5	0.5	–	–	–	–		
70					3.8	0.6	0.6	0.6	0.6	0.5	0.5	0.5	0.6	–	–	–	–		
73					3.9	0.6	0.6	0.6	0.6	0.5	0.5	0.6	0.6	–	–	–	–		
78					4.2	0.7	0.6	0.6	0.7	0.7	0.7	0.6	0.5	–	–	–	–		
81					4.3	0.7	0.6	0.7	0.7	0.7	0.6	0.6	0.5	–	–	–	–		
87					4.6	0.7	0.7	0.7	0.6	0.6	0.6	0.5	0.5	–	–	–	–		

Ordering Type + Material no. = Ordering no.
example: 136.525.xx.B2 + 1Y = 136.525.1Y.B2