

➤ Pneumatic atomizing nozzles, wide flat fan, siphon principle, internal mixing

Series 136.5



Features:

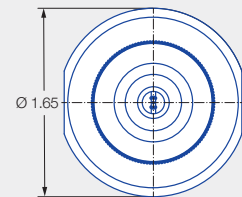
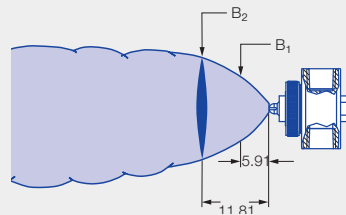
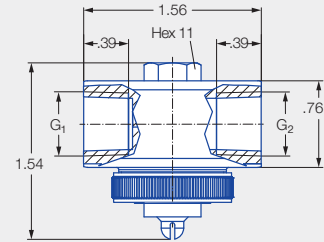
- Particularly fine flat fan atomization
- Siphon principle
- Internal mixing

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		p [psi]	V̇ _a [SCFM]	Water column [in WC]			Aspiration height [in WC]		p air [psi]	Aspiration height [in WS]	B ₁ [in]	B ₂ [in]				
		1Y				16	6	12	18	4					8	12	24	35
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 \varnothing [in]	Air		\dot{V} water [gal/h]					Spray dimensions							
	Type	Material number		p [psi]	\dot{V}_i [SCFM]	Water column [in WC]			Aspiration height [in WC]		p air [psi]	Aspiration height [in WS]	B ₁ [in]	B ₂ [in]				
		1Y				16	6	12	18	4					8	12	24	35
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