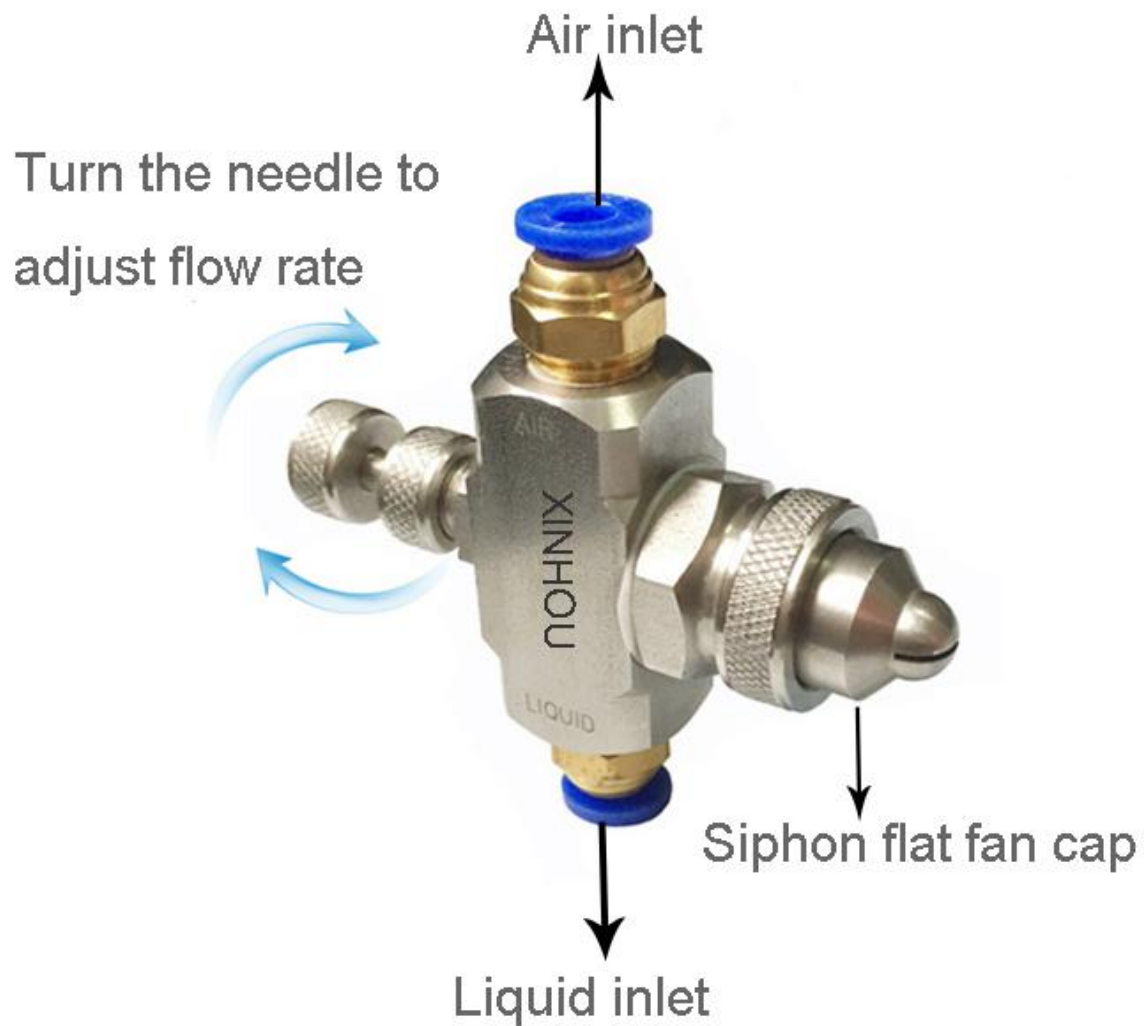


Siphon-Fed Flat Fan Air Atomizing Nozzles



Siphon-Fed Flat Fan Air Atomizing Nozzles have the following features:

- Siphon-Fed Flat Fan Air Atomizing Nozzles are twin fluid nozzles
- Siphon-Fed Flat Fan Air Atomizing Nozzles produce an extremely fine atomized spray of fluid with the aid of compressed air
- Air pressure is usually 2 -3 bar. Liquid pressure may or may not necessary.
- Adjustable flow rate allows different choices of capacities
- Adjustable Siphon-Fed Flat Fan Air Atomizing Nozzles provide independent control of liquid, atomizing air and fan air pressure for fine tuning of flow rate, drop size, spray distribution and coverage.

• General Application :

Coating, cooling, humidifying

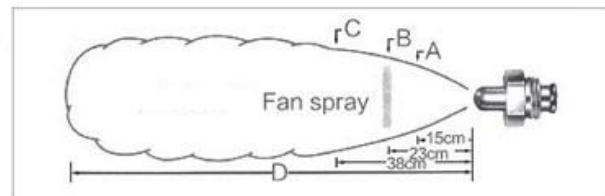
Gas cooling

Lubricating, moistening

Misting, fogging

Dust suppression

For flat fan spray, dimensions "A" "B" "C" are the pattern width at distance from the nozzle, as shown in picture. The total spray distance of spray projection from the nozzle to the maximum dispersal point is represented by "D" .



Fan spray

Spray set-up No.	Spray set-up consists of fluid and air cap combination	Atomizing air		Liquid capacity(L/h)									Spray size at 20cm syphon height				
		Air pressure (bar)	Air capacity (L/min)	Gravity head			Syphon height						Air (bar)	A (cm)	B (cm)	C (cm)	D (cm)
				45(cm)	30(cm)	15(cm)	10(cm)	20(cm)	30(cm)	60(cm)	90(cm)						
SUJF1	Liquid cap J2850 Air cap J73420	0.7	28	1.3	1.2	1.1	1.0	0.95	0.83	0.64	0.49	0.7	20	26	38	2.1	
		1.5	43	1.2	1.1	1.0	0.90	0.86	0.78	0.66	0.54	1.5	21	29	38	2.1	
		2.0	50	0.82	0.7	0.68	0.57	0.5				2.0	23	30	38	1.8	
SUJF2C	Liquid cap J35100 Air cap J20432	1.5	56	3.7	3.5	3.3	2.9	2.8	2.5	2.3	2.1	1.5	23	32	38	2.7	
		2.0	65	3.4	3.3	3.1	2.8	2.7	2.6	2.4	2.2	2.0	24	34	42	2.7	
		3.0	87	2.8	2.7	2.5	2.4	2.2	2.1	1.9	1.7	3.0	27	37	46	3.0	
		4.0	110	1.9	1.8	1.6	1.5	1.3	1.2			4.0	28	39	48	2.7	
SUJ3B	Liquid cap J Air cap J22435	1.5	68	5.1	4.8	4.5	3.8	3.7	3.5	3.0	2.4	1.5	19	23	27	3.4	
		2.0	78	4.9	4.7	4.4	3.6	3.4	3.2	2.9	2.3	2.0	20	25	28	3.4	
		3.0	103	3.4	3.2	3.0	2.2	2.0	1.7			3.0	22	27	30	3.0	
		3.5	117	2.2	2.0	1.7											
SUJ4B	Liquid cap J40100 Air cap J22440	1.5	68	7.6	7.2	6.6	5.7	5.4	5.1	4.6	3.7	1.5	17	22	27	3.4	
		2.0	73	7.6	7.3	6.8	5.9	5.7	5.5	5.0	4.2	2.0	18	23	29	3.4	
		3.0	96	6.4	6.1	5.7	5.0	4.51	4.1	3.3		3.0	20	27	33	3.4	
		3.5	110	4.2	3.7	3.2	2.6										