



Air Atomizing Nozzle Series

Air Atomizing Nozzle



Automatic Spray Gun ST-5 ST-6



Automatic Spray Gun WA-101 WA-200



Automatic Air Atomizing Nozzle





AIR ATOMIZING SPRAY NOZZLES



**Pressure-Fed Flat Fan
Air Atomizing Nozzles**



**Siphon-Fed Flat Fan Air
Atomizing Nozzles**



**External-Mix Flat Fan Air
Atomizing Nozzles**



**Internal Mix Full Cone Air
Atomizing Nozzles**



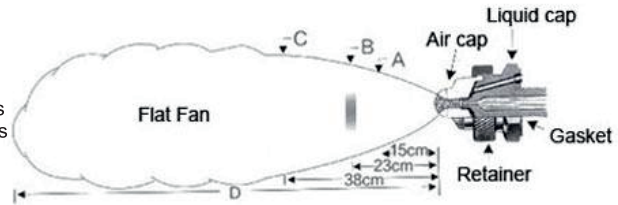
**Siphon-Fed Round Spray
Air Atomizing Nozzles**



**Round Spray Wide Angle
Air Atomizing Nozzles**



For flat fan spray, dimensions "A" "B" "C" are the pattern width at certain distance of spray projection from the nozzle to the maximum dispersal point is represented by "D". When using a pressure-fed liquid system, the liquid is supplied to the nozzle under pressure. The liquid and compressed air or gas are mixed internally to produce a completely atomized spray.



Adjustable pressure-fed Flat Fan Air Atomizing Nozzles have the following features:

- Adjustable pressure-fed Flat Fan Air Atomizing Nozzles produce finely atomized spray, mist or fog
- Both Air and liquid working pressure is usually 2 -3 bar.
- Adjustable flow rate allows different choices of capacities
- Adjustable pressure-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 :

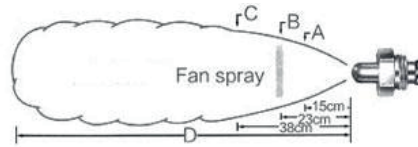
- Coating, cooling, humidifying
- Gas cooling
- Lubricating, moistening
- Misting, fogging
- Dust suppression



Spray set-up no	Spray set-up consist of fluid and air cap combination	Liquid Capacity (L/h) and Air Capacity (L/min)														Spray Size						
		0.7 bar			1.5 bar			2 bar			3 bar			4 bar			Air (bar)	Liquid (bar)	A (cm)	B (cm)	C (cm)	D (cm)
		Air Pressure (bar)	Liquid Flow (L/h)	Air (L/min)	Air Pressure (bar)	Liquid Flow (L/h)	Air (L/min)	Air Pressure (bar)	Liquid Flow (L/h)	Air (L/min)	Air Pressure (bar)	Liquid Flow (L/h)	Air (L/min)	Air Pressure (bar)	Liquid Flow (L/h)	Air (L/min)						
SU 13A	Liquid cap 2050 Air cap 73328	0.7	5.5	24	1.3	9.1	31	2.0	8.6	42	2.7	11.2	52	3.9	12.0	69	1.1	0.7	25	36	46	2.6
		0.85	4.7	27	1.5	7.7	36	2.2	7.5	47	3.0	10.1	56	4.6	9.7	81	2.1	1.5	36	48	66	3.0
		1.0	4.1	31	1.8	6.5	42	2.5	6.2	52	3.2	9.1	62	5.3	7.5	93	2.8	2.0	38	53	76	3.2
		1.1	3.5	34	2.1	5.4	47	2.8	5.2	57	3.5	8.1	66	6.0	5.3	104	3.5	3.0	47	61	86	3.4
		1.3	3.0	37	2.4	4.3	52	3.1	4.2	63	4.2	5.4	79	6.3	4.3	110	6.0	4.0	56	74	94	4.0
		1.4	2.5	40	2.7	3.3	57	3.2	3.7	65	4.6	4.2	85	6.7	3.3	116						
		1.5	2.0	44	2.8	2.8	60	3.4	3.2	68	4.9	3.1	91	7.0	2.4	122						
SU 13	Liquid cap 2850 Air cap 73328	0.85	8.2	19.8	1.4	14.4	27	2.1	13.5	36	2.7	19.1	42	4.6	16.1	69	1.1	0.7	36	46	71	2.1
		1.0	6.8	23	1.7	11.9	32	2.4	11.4	42	3.0	17.1	46	4.9	13.8	76	2.1	1.5	43	61	81	2.4
		1.1	5.5	27	2.0	9.5	37	2.7	9.2	47	3.2	15.1	52	5.3	11.5	83	3.0	2.0	51	66	89	2.6
		1.3	4.1	30	2.1	8.3	40	3.0	7.1	53	3.5	13.1	57	5.6	9.3	90	3.5	3.0	58	76	97	2.7
		1.4	2.9	34	2.2	7.1	43	3.2	5.0	59	4.2	8.1	72	6.0	7.3	97	5.6	4.0	58	76	97	3.2
							2.4	6.1	46	3.4	4.0	63	4.6	5.9	79	6.3	5.6	104				
					2.5	5.1	49	3.5	3.3	66	4.9	4.0	86	6.7	4.3	112						
SUN 13A	Liquid cap 2850 Air cap 73335	1.0	9.0	25	2.0	10.4	41	2.4	11.6	48	3.1	15.6	56	4.2	17.1	73	1.4	0.7	10	13	17	3.0
		1.1	7.8	30	2.1	9.3	45	2.5	10.4	51	3.2	14.6	59	4.6	15.0	80	2.5	1.5	13	15	20	3.7
		1.3	6.6	32	2.2	8.2	48	2.7	9.4	54	3.4	13.7	62	4.9	12.8	87	3.2	2.0	13	17	22	4.0
		1.4	5.2	36	2.5	6.1	55	3.0	7.3	61	3.8	10.8	71	5.3	11.0	94	3.8	3.0	15	22	28	4.2
		1.7	3.1	44	2.8	4.3	62	3.2	5.5	68	4.2	8.5	82	5.6	9.4	103	5.3	4.0	20	25	33	4.8
		2.0	2.0	50	3.1	3.0	69	3.5	4.1	75	4.9	5.2	98	6.3	7.2	119						
		2.2	1.1	56	3.4	2.0	75	3.8	2.9	81	6.0	2.3	120	7.0	6.1	134						
SU 14	Liquid cap 2850 Air cap 73320	1.3	3.9	30	2.1	7.4	40	3.0	6.1	52	3.9	9.4	60	5.3	10.2	78	1.5	0.7	25	33	46	1.8
		1.4	3.0	33	2.4	5.3	45	3.1	5.3	54	4.2	7.2	67	5.6	8.3	84	2.7	1.5	36	51	69	2.0
		1.5	2.3	35	2.5	4.4	47	3.2	4.5	57	4.6	5.3	73	6.0	6.6	89	3.2	2.0	58	74	91	2.0
		1.7	1.8	38	2.7	3.7	50	3.4	3.8	59	4.9	3.8	80	6.3	5.1	98	4.2	3.0	61	74	94	2.1
		1.8	1.3	41	2.8	3.1	52	3.5	3.2	62							5.6	4.0	64	76	97	2.3
		2.0	0.95	44	3.0	2.6	55	3.9	1.8	68												
			3.1	2.1	57																	
SUN 23	Liquid cap 60100 Air cap 15340	1.0	17.0	23	2.0	24	44	2.4	28	51	3.4	38	72	3.9	65	75	1.1	0.7	10	13	15	2.4
		1.1	11.0	27	2.1	18.9	50	2.5	23	59	3.5	33	80	4.2	53	89	2.1	1.5	10	13	17	3.0
		1.3	7.6	33	2.2	14.4	56	2.7	18.3	66	3.7	28	89	4.6	40	108	2.8	2.0	13	17	22	3.4
		1.4	3.2	40	2.4	10.6	63	2.8	15.1	74	3.8	23	97	4.9	30	127	3.7	3.0	15	20	28	3.6
					2.5	7.2	71	3.0	11.7	79	3.9	19.7	105	5.3	21	149	4.9	4.0	20	25	35	4.0
											4.2	13.1	120	5.6	13.8	173						
									4.6	7.2	138	6.3	3.2	225								
SU 23B	Liquid cap 40400 Air cap 125358	1.1	11.2	54	2.1	18.0	79	2.7	19.6	93	3.5	27	112	4.6	33	137	1.4	0.7	15	18	20	3.0
		1.3	8.5	60	2.2	15.8	84	2.8	17.3	98	3.7	25	116	4.9	28	149	2.4	1.5	23	28	33	3.2
		1.4	6.5	65	2.4	13.6	89	3.0	15.2	103	3.8	23	121	5.3	24	161	3.0	2.0	25	33	46	3.4
		1.5	5.0	71	2.5	11.6	95	3.1	13.2	109	3.9	21	126	5.6	19.7	174	3.7	3.0	30	38	46	3.5
		1.7	3.8	77				3.2	11.4	114	4.1	18.9	132	6.0	15.7	187	5.3	4.0	33	41	48	4.0
											4.2	17.0	137	6.3	12.4	200						
SU 23	Liquid cap 60100 Air cap 125328	0.85	27	33	1.8	38	55	2.4	39	67	3.2	58	76	4.6	59	106	1.1	0.7	18	23	30	3.4
		1.0	20	38	2.1	28	66	2.7	30	77	3.5	47	87	5.3	40	132	2.4	1.5	23	30	41	3.5
		1.1	15.9	45	2.2	24	71	3.0	24	87	3.8	38	97	5.6	32	145	3.2	2.0	25	33	43	3.7
		1.3	12.5	48	2.4	21	76	3.2	17.8	98	3.9	34	103	6.0	26	158	3.9	3.0	30	38	48	3.8
		1.4	10.2	56	2.5	17.8	82	3.4	15.1	103	4.2	27	113	6.3	20	172	6.0	4.0	33	41	51	4.4
		1.5	7.6	62	2.7	15.1	87	3.5	12.9	109	4.6	20	126	6.7	15.9	185						
						3.7	10.6	114	4.9	14.8	140	7.0	12.7	198								
SU 43	Liquid cap 100150 Air cap 159351	1.0	29	90	1.8	56	117	2.1	100	119	3.0	126	140	4.1	140	181	1.0	0.7	18	20	25	3.4
		1.1	18.9	108	2.0	40	133	2.2	79	133	3.1	110	151	4.2	125	193	1.8	1.5	25	30	43	3.8
								2.4	62	147	3.2	95	163	4.6	89	225	2.4	2.0	25	30	46	4.3
								2.5	48	162	3.4	78	184	4.9	58	265	3.4	3.0	33	41	53	4.6
								2.7	36	177	3.5	62	193	5.3	34	305	4.9	4.0	36	43	58	5.2
											3.7	48	210	5.6	16.7	340						
									3.8	37	225											



For flat fan spray, dimensions "A" "B" "C" are the pattern width at certain distance of spray projection from the nozzle to the maximum dispersal point is represented by "D". When using a pressure-fed liquid system, the liquid is supplied to the nozzle under pressure. The liquid and compressed air or gas are mixed internally to produce a completely atomized spray.



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

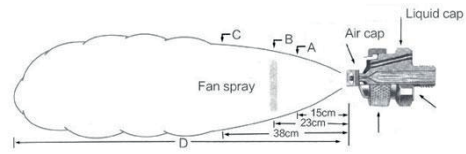
- Siphon-Fed Flat Fan Air Atomizing Nozzles are twin fluid nozzles
- Siphon-Fed Flat Fan Air Atomizing Nozzles produce an extremely fine atomized spray of fluid with the aid of compressed air
- Air pressure is usually 2 -3 bar. Liquid pressure may or may not be necessary.
- Adjustable flow rate allows 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



Spray set-up no	Spray set-up consist of fluid and air cap combination	Atomized Air		Liquid Capacity (L/h)								Spray Size 20cm siphon height				
		Air Pressure (bar)	Air Volume (L/min)	Gravity-Head				Siphon 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	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
	Air cap J73420	2.0	50	0.82	0.7	0.68	0.57	0.50				2.0	23	30	38	1.8
SUJF2C	Liquid cap J35100	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
	Air cap J20432	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 J40100	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
	Air cap J22435	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	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
	Air cap J22440	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									



To control the changes by external mix to change gas pressure without liquid flow. 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". When using a pressure-fed liquid system, is supplied to the nozzle under pressure. The liquid and compressed air or gas are mixed externally to produce a completely atomized spray.

External-Mix Flat Fan Air Atomizing Nozzles have the following features:

- External-Mix Flat Fan Air Atomizing Nozzles spray fine flat fan atomization or fogging with air or gas.
- Liquid pressure principle with external mixing of fluids.
- Common Materials: 303 / 304SS, 316SS, Brass
- The spray is finely atomized, mist or fog spray
- Air and liquid pressure is usually 2 -3 bar.
- Adjustable flow rate allows different choices of capacities
- External-Mix 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



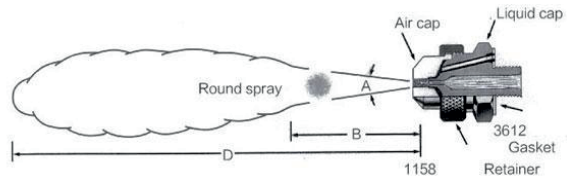
Spray set-up no	Spray set-up consist of fluid and air cap combination	Liquid Capacity (L/h) and Air Capacity (L/min)														Spray Size			
		0.2 bar		0.3 bar		0.7 bar		1.5 bar		4 bar		Air (L/min)	Air (bar)	Liquid (bar)	A (cm)	B (cm)	C (cm)	D (cm)	
		Air Pressure (bar)	Liquid Flow (L/h)	Air Pressure (bar)	Liquid Flow (L/h)	Air Pressure (bar)	Liquid Flow (L/h)	Air Pressure (bar)	Liquid Flow (L/h)	Air Pressure (bar)	Liquid Flow (L/h)								
SUE15B	Liquid cap 1650 Air cap 67228-45°	0.2		25.2	0.35	26.3	0.7	31.2	1.4	45.3	2.8	73.6	0.2	0.2	9	15	23	0.9	
		0.35		26.3	0.7	31.2	1.5	39.6	1.75	53.8	3.5	85	1.05	0.2	9	15	23	1.2	
		0.7		31.2	1.05	39.6	1.4	45.3	2.1	59.5	4.2	102	1.4	0.35	10	15	23	1.2	
		1.05	2.8	39.6	1.4	45.3	1.78	53.8	2.8	73.6	4.9	119	1.4	1.4	11.5	18	25	1.5	
		1.4		45.3	1.75	53.8	2.1	59.4	3.5	85	5.3	127.5	1.75	0.7	11.5	15	24	1.5	
		1.75		53.8	2.1	59.4	2.8	73.6	4.2	102	5.6	139	2.8	1.4	13	18	28	1.8	
2.1		59.4	2.8	73.6	3.5	85	5.6	139	6.3	159	4.9	2.8	15	18	24	2.4			
SUE18B	Liquid cap 1650 Air cap 62240-60°	0.35		22	0.35	22	0.4	25	0.6	28	0.7	34	0.4	0.3	20	28	33	1.2	
		0.4		25	0.4	25	0.6	28	0.7	34	1.1	45	0.6	1.5	28	35	46	1.8	
		0.5	2.8	27.5	0.6	28	0.7	34	1.1	45	1.8	62	1.4	1.5	25	30	41	2.7	
		0.6		28	0.7	34	0.85	40	1.4	54	2.5	79	1.1	2.0	28	35	48	2.6	
													1.4	3.0	30	38	51	2.7	
SUE15A	Liquid cap 2050 Air cap 67228-45°	0.36		26.3	0.7	31.2	1.05	39.6	1.75	53.8	3.15	82	0.35	0.2	7.5	14	22	1.0	
		0.7		31.2	1.05	39.6	1.4	45.3	2.1	59.4	3.5	85	1.4	0.2	9	15	22	1.7	
		1.05		39.6	1.4	45.3	1.75	53.8	2.8	73.6	4.2	102	1.75	0.35	10	16.5	23	1.8	
		1.4	4.5	45.3	1.75	53.8	2.1	59.4	3.5	85	4.9	119	1.75	1.4	13	19	29	2.1	
		1.75		53.8	2.1	59.4	2.8	73.6	4.2	102	5.25	127	2.1	0.7	13	18	25	1.8	
		2.1		59.4	2.8	73.6	3.5	85	4.9	119	6.3	159	3.5	1.4	13	22	30	2.4	
2.8		73.6	3.5	85.0	4.2	102	6.3	159	6.7	164	5.3	2.8	15	19	25	3.0			
SUE18A	Liquid cap 2050 Air cap 62240-60°	0.35		22	0.35	22	0.6	28	0.7	34	1.1	45	0.7	0.3	28	33	40	1.5	
		0.6		28	0.7	34	0.7	40	1.4	54	1.4	71	1.1	1.5	30	38	48	2.1	
		0.7	4.5	34	1.1	45	1.4	54	2.1	71	2.1	88	1.4	1.5	35	43	56	2.4	
		1.1		45	1.4	54	2.1	67	2.5	79	2.5	99	1.8	2.0	38	46	58	2.7	
													1.8	3.0	41	48	66	2.9	
SUE15	Liquid cap 2850 Air cap 67228-45°	0.7		31.2	1.05	39.6	1.4	45.3	2.5	68	3.5	85	0.7	0.2	13	16.5	25	1.2	
		1.05		39.6	1.4	45.3	1.72	53.8	2.8	73.6	4.2	102	1.75	0.2	13	16.5	25	1.8	
		1.4		45.3	1.75	53.8	2.1	59.4	3.5	85	4.9	119	2.1	0.35	13	18	24	1.8	
		1.75	8.5	53.8	2.1	59.4	2.8	73.6	4.2	102	5.3	127	2.5	1.4	14	20	32	1.8	
		2.1		59.4	2.8	73.6	3.5	85	4.9	119	6.3	139	2.8	0.7	14	19	30	2.3	
		2.8		73.6	3.5	85	4.2	102	5.6	139	6.3	159	4.2	1.4	14	20	36	3.0	
3.5		85	4.2	102	4.9	119	6.3	159	7.0	176	5.3	2.8	16.5	20	30	4.0			
SUE18	Liquid cap 2850 Air cap 62240-60°	0.4		25	0.4	25	0.4	28	0.7	34	1.4	45	0.6	0.3	35	48	61	1.8	
		0.5		27.5	0.6	28	0.6	34	0.85	40	1.8	62	0.7	1.5	38	48	63	1.5	
		0.6	8.5	28	0.65	31	0.7	34	1.1	45	2.1	71	1.1	1.5	41	51	66	2.1	
		0.7		34	0.7	34	0.8	40	1.4	54	2.5	79	1.8	2.0	41	51	69	2.7	
													2.1	3.0	41	51	69	2.9	



Spray set-up no	Spray set-up consist of fluid and air cap combination	Liquid Capacity (L/h) and Air Capacity (L/min)																Spray Size				
		0.2 bar		0.3 bar		0.7 bar		1.5 bar		4 bar												
		Air Pressure (bar)	Liquid Flow (L/h)	Air (L/min)	Air Pressure (bar)	Liquid Flow (L/h)	Air (L/min)	Air Pressure (bar)	Liquid Flow (L/h)	Air (L/min)	Air Pressure (bar)	Liquid Flow (L/h)	Air (L/min)	Air Pressure (bar)	Liquid Flow (L/h)	Air (L/min)	Air (bar)	Liquid (bar)	A (cm)	B (cm)	C (cm)	D (cm)
SUE25B	Liquid cap 1650	0.7		85	1.0		102	1.4		116	2.5		178	3.2		212	0.7	0.2	13	19	25	1.7
		1.0		102	1.4		116	1.8		139	2.8		195	3.5		232	1.8	0.2	13	19	25	2.7
		1.4		116	1.8		139	2.1		156	3.5		227	3.9		255	2.1	0.35	15	19	28	3.0
	Air cap 67228-45°	1.8	13.4	139	2.1	16.4	156	2.5	25	178	4.2	37	266	4.2	52	275	2.5	0.7	15	22	28	3.5
		2.1		156	2.8		195	2.8		195	4.9		312	4.9		314	2.5	1.4	16.5	23	36	3.7
		2.8		195	3.8		227	3.5		227	5.6		360	5.6		360	4.2	1.4	16.5	23	37	4.3
3.5		227	4.2		266	4.2		266	6.3		411	6.3		411	4.9	2.8	16.5	22	32	32	4.9	
SUE28B	Liquid cap 1650	0.6		91	0.7		102	1.4		156	2.1		210	3.2		285	2.1	0.7	33	40	56	4.3
		0.7		102	1.1		130	2.1		190	2.8		260	4.2		360	2.1	1.5	35	46	58	4.0
		1.1	13.4	130	1.8	16.4	184	2.5	25	235	3.5	37	310	5.3	52	430	4.2	4.5	38	48	64	5.2
	Air cap 62240-60°	1.4		156	2.1		210	2.8		260	4.2		360	5.6		455	3.9	2.0	41	51	69	4.6
																	4.2	3.0	38	51	71	4.9
SUE25A	Liquid cap 2050	0.7		85	1.4		116	1.8		139	2.8		195	3.5		232	0.7	0.35	15	19	27	2.1
		1.0		102	1.8		139	2.1		156	3.2		212	4.2		275	1.8	0.7	15	19	27	3.0
		1.4		116	2.1		156	2.5		178	3.5		227	4.9		314	2.5	1.4	15	22	33	3.4
	Air cap 67228-45°	1.8	17.6	139	2.5	22	178	2.8	33	195	4.2	48	266	5.3	68	340	2.8	1.4	15	22	36	3.8
		2.1		159	2.8		195	3.5		227	4.9		312	5.6		360	2.8	1.4	16.5	25	37	4.0
		2.8		195	3.5		227	4.2		266	5.6		360	6.3		411	4.2	2.1	16.5	25	37	4.9
3.5		227	4.2		266	4.9		312	6.3		411	6.6		428	5.3	2.8	18	23	36	5.8		
SUE28A	Liquid cap 2050	0.6		91	0.7		102	1.1		130	2.5		235	3.5		310	1.1	0.2	33	38	51	3.5
		1.1		130	1.4		156	1.8		184	3.2		285	4.6		380	2.5	1.5	38	46	64	3.8
		1.4	17.6	156	1.8	22	184	2.5	33	235	3.9	48	330	6.0	68	475	4.2	1.5	30	43	58	4.9
	Air cap 62240-60°	1.8		184	2.1		210	2.8		260	4.2		360	6.7		525	4.2	2.0	33	43	61	5.0
																	4.9	3.0	33	43	61	4.0
SUE28	Liquid cap 2850	0.7		102	1.1		130	1.8		184	3.2		285	5.3		430	2.1	0.3	40	56	76	3.0
		1.1		130	1.4		156	2.1		210	3.5		310	6.0		475	3.2	1.5	48	58	79	4.3
		1.4	36	156	2.1	45	210	2.8	68	260	4.9	100	405	6.7	141	525	5.6	1.5	43	53	76	4.9
	Air cap 67228-45°	1.8		184	2.5		235	3.2		285	5.9		455	7.0		550	5.9	2.0	48	64	84	4.3
																	6.3	3.0	41	56	79	5.8
SUE25	Liquid cap 2850	1.0		102	1.8		139	2.5		178	3.2		212	3.9		255	1.0	0.2	15	20	25	2.7
		1.4		116	2.1		156	2.8		195	3.5		227	4.2		275	2.1	0.2	15	22	29	3.0
		1.8	36	139	2.5	45	178	3.2	68	212	3.9	100	246	4.6	141	297	2.8	0.35	18	24	36	3.5
	Air cap 62240-60°	2.1		156	2.8		195	3.5		227	4.2		266	4.9		314	3.2	1.4	20	28	39	3.7
		2.5		178	3.2		212	4.2		266	4.9		312	5.6		360	3.5	0.7	19	27	38	4.0
		2.8		195	3.5		227	4.9		312	5.6		360	6.3		411	4.2	1.4	20	28	39	4.3
3.5		227	4.2		266	5.6		360	6.3		411	7.0		453	5.6	2.8	18	24	38	5.9		
SUE45B	Liquid cap 60150	1.8		235	1.8		235	2.5		300	3.9		410				1.8	0.2	15	20	29	3.0
		2.1		260	2.1		260	2.8		330	4.2		445				2.8	0.2	15	20	30	3.4
		2.5	36	300	2.5	45	300	3.2	68	355	4.6	100	480				2.8	0.3	15	20	30	4.0
	Air cap 200278-45°	2.8		330	2.8		330	3.5		380	4.9		529				3.5	0.7	17	22	32	4.3
		3.2		355	3.2		355	3.9		410	5.3		565				3.9	1.5	17	22	34	4.6
		3.5		380	3.5		380	4.2		445	5.6		600				4.2	1.0	17	23	33	4.7
4.2		445	4.2		445	4.9		520	6.3		685				4.9	1.5	17	23	34	5.5		
SUE45A	Liquid cap 80150	2.1		260	2.8		330	3.9		410	4.9		520				2.1	0.2	17	24	34	3.5
		2.5		300	3.2		355	4.2		445	5.3		565				3.2	0.2	18	24	36	4.3
		2.8	64	330	3.5	78	380	4.6	119	480	5.6	175	600				3.9	0.3	18	25	36	4.9
	Air cap 62240-45°	3.2		355	3.9		410	4.9		520	6.0		640				4.9	0.7	18	25	36	5.5
		3.8		380	4.2		445	5.3		565	6.3		685				4.9	1.5	20	25	38	5.5
		4.2		445	4.9		520	5.6		600							5.3	1.0	18	25	38	5.8
4.9		520	5.6		600	6.3		685							5.6	1.5	20	25	38	6.1		
SUE45	Liquid cap 100150	2.8		330	3.5		380	4.6		480	5.6		600				0.7	0.2	13	16.5	25	1.2
		3.2		355	3.9		410	4.9		520	6.0		640				1.75	0.2	13	16.5	25	1.8
		3.5	102	380	4.2	125	445	5.3	192	565	6.3	280	685				2.1	0.35	13	18	24	1.8
	Air cap 200278-45°	3.9		410	4.6		480	5.6		600							2.5	1.4	14	20	32	1.8
		4.2		445	4.9		520	6.0		640							2.8	0.7	14	19	30	2.3
		4.6		480	5.3		565	6.3		685							4.2	1.4	14	20	36	3.0
4.9		520	5.6		600										5.3	2.8	16.5	20	30	4.0		



For round spray pattern, Angle "A" is maintained throughout distance "B". Beyond "B", the spray becomes turbulent, and will project to distance "D". When using a pressure-fed liquid system, the liquid is supplied to the nozzle under pressure. The liquid and compressed air or gas are mixed internally to produce a completely atomized spray.



Internal Mix Full Cone Air Atomizing Nozzles have the following features:

- Spray round shape mist or fog under low pressure with pressure feed.
- Air and liquid pressure is usually 2 -3 bar.
- Adjustable flow rate allows different choices of capacities

• General Application :

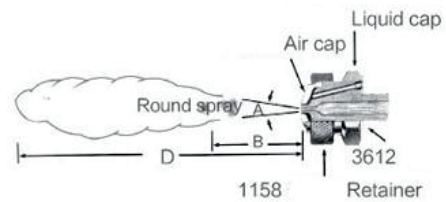
- Coating, cooling, humidifying
- Gas cooling
- Lubricating, moistening
- Misting, fogging
- Dust suppression



Spray set-up no	Spray set-up consist of fluid and air cap combination	Liquid Capacity (L/h) and Air Capacity (L/min)														Spray Size								
		0.7 bar			1.5 bar			2 bar			3 bar			4 bar			Air (bar)	Liquid (bar)	A (cm)	B (cm)	D (cm)			
		Air Pressure (bar)	Liquid Flow (L/h)	Air (L/min)	Air Pressure (bar)	Liquid Flow (L/h)	Air (L/min)	Air Pressure (bar)	Liquid Flow (L/h)	Air (L/min)	Air Pressure (bar)	Liquid Flow (L/h)	Air (L/min)	Air Pressure (bar)	Liquid Flow (L/h)	Air (L/min)								
SU 11	Liquid cap 2050 Air cap 67147	0.7	2.5	15.6	1.1	6.4	11.9	1.4	6.4	13.9	2.7	6.2	23	3.5	7.8	28								
		0.85	1.8	19.0	1.4	5.0	15.0	1.7	5.5	16.7	2.8	5.7	25	3.7	7.3	29	0.85	0.7	13	30	2.7			
		1.0	1.4	22	1.7	4.1	18.7	2.0	4.5	19.8	3.0	5.2	27	3.9	6.4	33	1.7	1.5	13	33	3.0			
					1.8	3.4	20	2.2	3.4	24	3.1	4.7	29	4.2	5.5	38	2.5	2.0	13	36	3.4			
					2.0	3.0	23	2.4	3.0	26	3.2	4.3	31	4.5	4.5	43	3.1	3.0	14	39	3.8			
SU12A	Liquid cap 2050 Air cap 73160	0.7	2.5	18.7	1.4	5.7	27	1.7	6.7	29	2.2	9.2	34	2.8	11.9	39								
		0.85	2.0	22	1.5	5.2	29	1.8	6.4	31	2.5	8.2	39	3.1	11.0	43	0.85	0.7	12	43	3.7			
		1.0	1.6	26	1.7	4.8	32	2.0	5.9	34	2.8	7.2	44	3.4	10.1	47	1.5	1.5	13	46	4.0			
					1.8	4.3	35	2.1	5.2	37	3.0	6.7	47	3.7	9.2	52	2.4	2.0	13	48	4.6			
					2.0	3.9	37	2.2	4.8	40	3.1	6.3	49	3.9	8.4	58	3.0	3.0	13	51	4.6			
SU 12	Liquid cap 2850 Air cap 73160	0.85	4.8	21	1.7	8.4	31	2.0	10.7	33	2.7	16.5	37	3.4	20	43								
		1.1	4.1	27	1.8	7.5	35	2.1	9.8	37	2.8	15.4	38	3.7	18.4	47	1.5	0.7	12	48	4.0			
		1.4	3.4	33	2.0	7.0	37	2.4	8.2	42	3.1	13.6	43	3.9	16.8	50	2.5	1.5	13	51	4.3			
		1.5	3.1	35	2.2	5.7	44	2.7	6.8	48	3.4	11.8	49	4.2	15.2	55	3.0	2.0	13	53	4.6			
		1.7	3.0	39	2.5	4.8	49	3.0	5.9	55	3.7	10.4	55	4.5	13.8	60	3.4	3.0	14	56	4.9			
SU22B	Liquid cap 2850 Air cap 73320	1.8	2.9	41	2.8	4.1	54	3.2	5.0	59	3.9	9.1	61	4.8	12.4	65	4.2	4.0	15	60	5.3			
		2.0	2.8	44	3.1	3.6	59	3.5	4.1	65	4.2	7.9	65	4.9	11.8	68								
					2.2	17.8	116	2.8	20	136	3.4	32	149	4.6	37	193								
					1.4	8.9	91	2.5	13.1	130	3.1	16.3	149	3.9	25	170	5.3	29	220	1.7	0.7	18	66	4.9
					1.5	7.2	98	2.8	9.5	143	3.4	11.9	163	4.6	15.9	205	5.6	25	235	2.8	1.5	20	76	6.1
SU 22	Liquid cap 40100 Air cap 1401110	1.7	5.8	105	3.1	7.0	157	3.9	7.0	187	5.3	9.1	240	6.0	21	250	3.9	2.0	20	81	6.7			
		1.8	4.7	112	3.4	4.9	171	4.2	4.7	205	5.6	6.8	255	6.3	17.4	270	5.3	3.0	21	91	7.9			
		2.0	3.6	119	3.5	4.2	178	4.6	3.0	220	6.0	5.0	275	6.7	14.0	290	3.6	4.0	21	97	9.1			
		2.1	2.7	127								6.3	3.6	290	7.0	11.0	305							
					2.1	30	110					3.8	37	161	5.6	31	240	4.9	4.0	21	91	8.5		
SU 42	Liquid cap 100150 Air cap 1891125	0.85	31	57	1.4	61	69	2.1	53	96	2.7	80	103	3.8	88	135								
		1.0	25	66	1.5	54	76	2.4	41	112	3.0	69	117	4.2	73	156	1.0	0.7	17	61	4.9			
		1.1	18.5	75	1.7	48	85	2.7	31	127	3.2	59	130	4.6	61	176	1.8	1.5	18	69	5.8			
		1.3	12.9	85	1.8	41	93	2.8	26	136	3.5	49	146	4.9	48	196	2.8	2.0	20	76	6.7			
					2.0	35	102	3.0	22	144	3.7	44	154	5.3	39	215	3.5	3.0	20	79	7.0			
			2.1	30	110					3.8	37	161	5.6	31	240	4.9	4.0	21	91	8.5				
			2.2	25	119					3.9	35	170	6.0	23	260									
			1.0	44	86	1.4	125	79	2.0	123	108	2.2	199	88	3.0	250	99							
			1.1	32	102	1.5	106	91	2.1	108	119	2.5	174	110	3.2	225	120	1.0	0.7	19	89	6.1		
						1.7	87	105	2.2	95	130	2.8	146	133	3.5	205	141	1.7	1.5	20	99	7.0		
						1.8	70	118	2.4	79	143	3.1	121	154	3.8	182	163	2.4	2.0	21	104	7.6		
						2.0	55	130	2.5	64	155	3.2	108	166	4.1	159	184	3.1	3.0	21	107	7.9		
									2.7	52	166	3.4	95	176	4.6	121	225	3.8	4.0	22	117	9.1		
									2.8	42	178	3.5	84	187	4.9	93	255							



For round spray type, spray can keep spray angle "A" within "B" range. As spray becomes turbulence when it goes beyond "B", and extends to "D". Using syphon or gravity convey liquid systems supply goes to liquid through liquid syphon or gravity convey.



Siphon-Fed Round Spray Air Atomizing Nozzles

- Siphon-Fed Round Spray Air Atomizing Nozzles produce Full cone pattern mist spray
- The spray is finely atomized, mist or fog spray
- Air pressure is usually 2 -3 bar. Liquid pressure may or may not be necessary
- Adjustable flow rate allows different choices of capacities

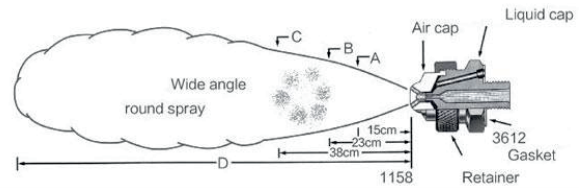
- **General Application :**
Coating, cooling, humidifying
Gas cooling
Lubricating, moistening
Misting, fogging
Dust suppression



Spray set-up no	Spray set-up consist of fluid and air cap combination	Atomized Air		Liquid Capacity (L/h)								Spray Size 20cm siphon height			
		Air Pressure (bar)	Air Volumn (L/min)	Gravity-Head				Siphon Heigh				Air (bar)	A (cm)	B (cm)	D (cm)
				45 (cm)	30 (cm)	15 (cm)	10 (cm)	20 (cm)	30 (cm)	60 (cm)	90 (cm)				
SUJ1A	Liquid cap 1650	0.7	11.3	1.5	1.3	1.1	0.87	0.68	0.53			0.7	18	28	1.8
		1.5	17	1.8	1.7	1.5	1.3	1.2	1.1	0.62		1.5	18	28	1.9
	Air cap J64	3.0	28	2.1	1.9	1.7	1.5	1.4	1.3	1.1	0.76	3.0	18	30	2.3
		4.0	36	2.2	2.0	1.8	1.6	1.5	1.4	1.2	0.87	4.0	18	36	2.6
SUJ1	Liquid cap J2050	0.7	11.3	2.4	2.1	1.7	1.5	1.2	0.79			0.7	18	30	2.1
		1.5	20	2.8	2.6	2.4	2.1	1.9	1.6	0.91		1.5	18	33	2.3
	Air cap J64	3.0	32	3.4	3.1	2.9	2.8	2.6	2.4	1.7	1.1	3.0	18	38	2.6
		4.0	41	3.7	3.4	3.3	3.1	2.9	2.7	2.1	1.5	4.0	19	43	3.0
SUJ2A	Liquid cap J2050	0.7	23	2.5	2.3	2.0	1.6	1.4	1.1			0.7	18	30	2.4
		1.5	36	2.9	2.8	2.5	2.2	2.0	1.7	0.89		1.5	18	33	2.7
	Air cap J70	3.0	58	3.4	3.3	3.2	2.9	2.8	2.5	1.9	1.2	3.0	19	38	3.4
		4.0	74	3.7	3.6	3.5	3.4	3.3	3.0	2.5	2.0	4.0	20	43	4.0
SUJ2	Liquid cap J2850	0.7	19.3	4.5	4.0	3.4	2.1	1.8	1.4			0.7	21	38	3.0
		1.5	31	5.3	4.9	4.4	3.5	2.9	2.7	1.8		1.5	21	41	3.4
	Air cap J70	3.0	50	6.0	5.6	5.0	4.4	4.0	3.4	2.4	1.2	3.0	21	46	4.0
		4.0	65	5.7	5.4	5.0	4.2	3.9	3.5	2.8	1.9	4.0	22	51	4.6
SUJ4	Liquid cap J60100	1.5	58	22	19.9	16.3	12.3	10.5	8.3	2.8		1.5	17	46	3.7
		3.0	88	25	23	19.5	16.7	14.2	11.5	6.4	2.8	3.0	18	51	4.3
	Air cap J120	4.5	111	26	24	21	18.4	15.7	12.9	7.9	4.5	4.0	18	53	4.9
		5.6	147	26	24	22	19.7	17.0	14.6	9.8	6.1	5.6	19	58	5.5
SUJ4B	Liquid cap J100150	2.0	144				27	22	16.8			2.0	20	51	6.7
		3.0	190				30	26	21			3.0	20	53	7.0
	Air cap J180	4.0	240		43	40	31	28	23	11.0		4.0	21	58	7.6
		5.6	315	44	42	39	31	28	24	16.7	8.3	5.6	22	63	8.2



For wide angle round spray, dimensions "A" "B" "C" are the pattern width at distance from the nozzle. The total spray distance of spray projection from the nozzle to the maximum dispersal point is represented by "D". When using a pressure-fed liquid system, the liquid is supplied to the nozzle under pressure. The liquid and compressed air or gas are mixed internally to produce a completely atomized spray.



Round Spray Wide Angle Air Atomizing Nozzles have the following features:

- Round Spray Wide Angle Air Atomizing Nozzles give fine round atomization or fogging with air or gas.
- Liquid pressure principle with internal mixing of fluids.
- Air and liquid pressure is usually 2 -3 bar.
- Common Materials: 303 / 304SS, 316SS, Brass
- Widest spray angle can reach 120 degrees
- Adjustable flow rate allows different choices of capacities

• General Application :

- Coating, cooling, humidifying
- Gas cooling
- Lubricating, moistening
- Misting, fogging
- Dust suppression



Spray set-up no	Spray set-up consist of fluid and air cap combination	Liquid Capacity (L/h) and Air Capacity (L/min)														Spray Size						
		0.7 bar			1.5 bar			2 bar			3 bar			4 bar								
		Air Pressure (bar)	Liquid Flow (L/h)	Air (L/min)	Air Pressure (bar)	Liquid Flow (L/h)	Air (L/min)	Air Pressure (bar)	Liquid Flow (L/h)	Air (L/min)	Air Pressure (bar)	Liquid Flow (L/h)	Air (L/min)	Air Pressure (bar)	Liquid Flow (L/h)	Air (L/min)	Air (bar)	Liquid (bar)	A (cm)	B (cm)	C (cm)	D (cm)
SU 16	Liquid cap 2050 Air cap 67-6-20-70°	0.6	5.3	10.2	1.1	8.1	13.3	1.5	8.1	16.4	2.4	8.9	22	3.1	10.5	24	0.7	0.7	14	18	23	1.5
		0.7	4.3	12.2	1.3	7.0	15	1.8	6.6	21	2.7	8.1	26	3.4	9.7	28	1.4	1.5	15	19	24	1.8
		0.85	3.0	14.2	1.4	6.4	17	2.1	4.9	25	3.0	6.4	30	3.9	7.8	36	1.8	2.0	16	20	25	2.1
		1.0	1.7	17.0	1.5	5.5	19	2.4	3.2	29	3.2	4.9	34	4.2	6.1	42	3.0	3.0	16	20	26	2.7
SU 26B	Liquid cap 40100 Air cap 140-6-37-70°	0.7	24	32	1.4	43	37	2.1	33	66	2.8	52	65	3.7	63	68	0.85	0.7	19	25	36	2.1
		0.85	13.6	44	1.5	35	49	2.2	26	78	3.0	46	76	3.8	58	79	1.7	1.5	20	27	37	3.2
		1.0	7.6	57	1.7	28	61	2.4	18.9	89	3.1	39	87	3.9	52	101	1.7	1.5	20	26	34	4.1
					1.8	21	71	2.5	11.7	100	3.2	33	99	4.2	41	111	2.4	2.0	20	28	37	4.1
SU 26	Liquid cap 60100 Air cap 140-6-37-70°	0.7	24	32	1.4	43	37	2.1	33	66	2.8	52	65	3.7	63	68	0.85	0.7	19	25	36	2.1
		0.85	13.6	44	1.5	35	49	2.2	26	78	3.0	46	76	3.8	58	79	1.7	1.5	20	27	37	3.2
		1.0	7.6	57	1.7	28	61	2.4	18.9	89	3.1	39	87	3.9	52	101	1.7	1.5	20	26	34	4.1
					1.8	21	71	2.5	11.7	100	3.2	33	99	4.2	41	111	2.4	2.0	20	28	37	4.1
SU 29	Liquid cap 60100 Air cap 140-6-52-70°	1.3	36	85	2.1	57	116	3.1	53	156	4.2	64	197	5.6	74	245	6.3	4.0	24	32	41	10.4
		1.5	29	102	2.4	51	130	3.2	50	163	4.9	51	230	6.0	68	260	2.0	0.7	20	25	33	5.5
		1.8	23	117	2.7	45	143	3.4	47	170	5.6	40	265	6.3	62	280	3.0	1.5	20	27	34	6.4
		2.0	19.7	125	3.0	39	157	3.5	45	177	6.0	34	285	6.7	56	295	3.9	2.0	22	28	37	8.2
SU 30	Liquid cap 40100 Air cap 120-6-35-60°	1.1	12.3	40	2.2	16.3	62	2.7	21	69	4.2	19.3	100	5.6	22	130	1.5	0.7	15	19	23	2.7
		1.3	9.9	45	2.5	12.1	71	3.0	16.3	78	4.6	14.6	113	6.0	17.6	142	1.5	0.7	15	19	23	2.7
		1.4	7.9	50	2.8	8.9	79	3.2	12.3	86	4.9	10.8	124	6.3	14.0	152	3.0	1.5	16	20	24	4.6
		1.5	6.1	54	3.0	7.6	83	3.4	10.7	91	5.3	8.1	135	6.7	11.4	163	3.4	2.0	16	20	24	5.5
SU 46	Liquid cap 100150 Air cap 189-6-62-70°	1.7	25	156	3.0	39	230	3.4	50	250	4.6	62	320	6.0	93	395	2.0	0.7	24	33	46	5.5
		1.8	19.7	167	3.1	33	240	3.5	43	260	4.9	47	345	6.3	77	425	3.2	1.5	25	34	47	6.4
		2.0	15.1	178	3.2	27	255	3.7	41	275	5.3	36	375	6.7	62	460	3.9	2.0	28	37	51	7.3
		2.1	11.4	193	3.4	23	265	3.9	27	300	5.6	26	405	7.0	52	495	5.3	3.0	29	38	53	7.9



ST 5 - ST5R - ST 6 - ST6R Air Atomizing Nozzle Automatic SprayGun

ST anti drip Air atomizing nozzle Automatic Spray Gun has the following features:

- ST anti drip Air atomizing nozzle Automatic Spray Gun has perfect atomization effect which save your painting cost and ensure your painting quality.
- The material of needle and spray tip are 316 stainless steel which is wearing and corrosion resistance
- The flow and spray angle is adjustable



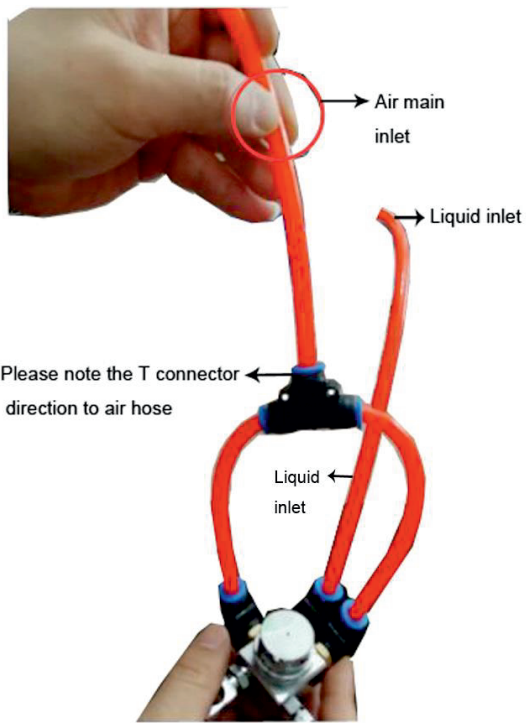
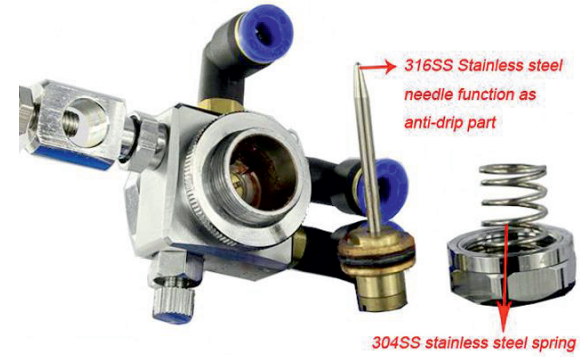
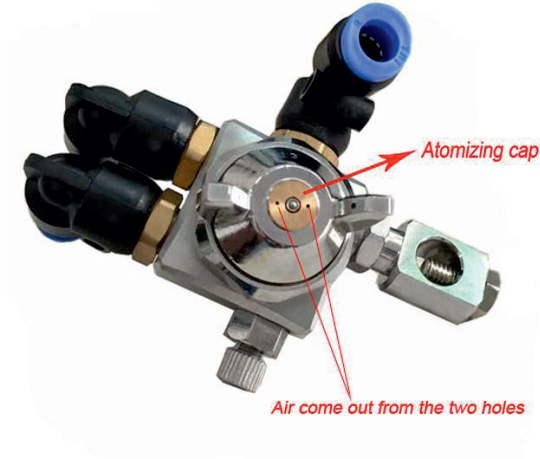
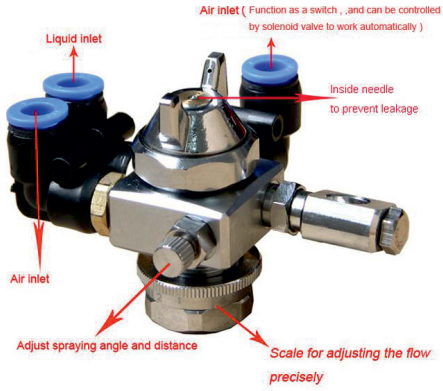
ST 5 - ST5R



ST 6 - ST6R



Model	Paint Feed	Nozzle Diameter mm	Air Pressure Mpa (kgf/cm ²)	Spray Distance mm	Air Consumption L/min	Fluid Output ml/min	Pattern Width mm	Air Cap Model	Weight (g)	Purpose
ST-5-05	Pressure	0.5	0.29 (3.0)	300	60	60	200	5	280	Release mold agent, lubricant, and coolant Suitable for medicine, food, textile, printing, plastic material, vaccum clam sheel, steel plate cooling and lubricating.
ST-5-10	Pressure	1.0	0.29 (3.0)	300	250	80	250	10	280	
ST-5-13	Pressure	1.3	0.29 (3.0)	300	360	100	350	13	280	
ST-5-20	Pressure	2.0	0.29 (3.0)	300	600	140	400	20	280	
ST-5-R	Pressure	0.5	0.29 (3.0)	300	40	40		R	280	
Model	Paint Feed	Nozzle Diameter mm	Air Pressure Mpa (kgf/cm ²)	Spray Distance mm	Air Consumption L/min	Fluid Output ml/min	Pattern Width mm	Air Cap Model	Weight (g)	Purpose
ST-6-05	Pressure	0.5	0.29 (3.0)	300	60	60	200	5	300	Release mold agent, lubricant, and coolant Suitable for medicine, food, textile, printing, plastic material, vaccum clam sheel, steel plate cooling and lubricating.
ST-6-10	Pressure	1.0	0.29 (3.0)	300	250	80	250	10	300	
ST-6-13	Pressure	1.3	0.29 (3.0)	300	360	100	350	13	300	
ST-6-20	Pressure	2.0	0.24 (2.5)	250	600	140	400	20	300	
ST-6-R	Pressure	0.5	0.25 (2.6)	300	40	40		R	300	



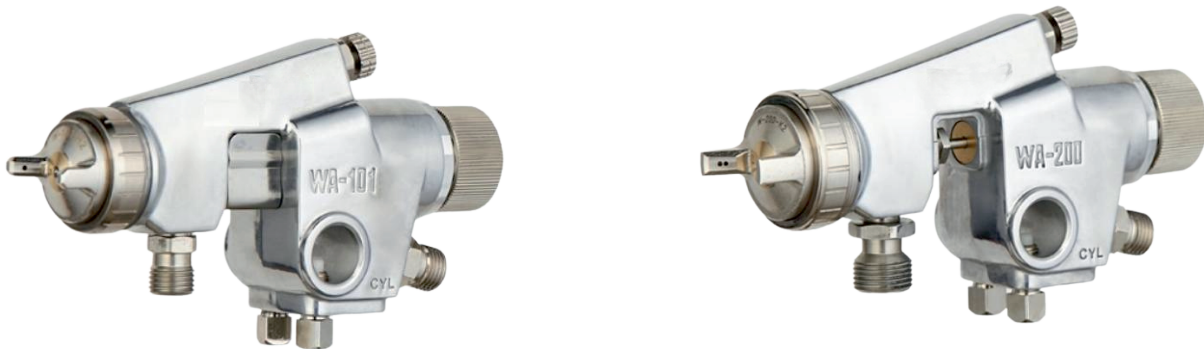
ST-6, This part is nozzle's switch to control air inlet. There are 3 connectors in total

ST-5, This part is M8 thread It's a fixing hole





WA-101 WA-200 AUTO SPRAY GUN



Specification:

It's nozzle and fluid needle are made of stainless steel SUS.

After goin through a six-month abrasion test and more than three million crash test the components still did not worn out.

It's suitable for aire wrench spray gun(not amorphous materials).

Asfor amorphous material, the hard stainless steel nozzle and fluid needle's hardness level are HRC58.

The nozzle specification code is "WXXXH".

It's suitable for creamic glaze, pilish was, oil based and waterborne paint.



Model	Paint Feed	Nozzle Diameter mm	Air Pressure Mpa (kgf/cm ²)	Spray Distance mm	Air Consumption L/min	Fluid Output ml/min	Pattern Width mm	Air Cap Model	Weight (g)	Purpose
WA-101 082P	Pressure	0.8	0.29 (2.0)	200	90	100	140	E2P	440	SMALL VOLUME SPRAY
WA-101 102P	Pressure	1.0	0.29 (2.0)	200	270	150	190	E2P	440	SMALL PIECE SPRAY
WA-101 132P	Pressure	1.3	0.29 (2.0)	200	260	250	230	E2P	440	SMALL PIECE SPRAY
WA-101 152P	Pressure	1.5	0.29 (2.0)	200	270	200	220	E2P	440	SMALL PIECE SPRAY
WA-101 102E	Pressure	1.0	0.29 (2.0)	200	90	100	140	H1	440	SMALL PIECE SPRAY
WA-101 132E	Pressure	1.3	0.29 (2.0)	200	260	250	230	H2	440	SMALL PIECE SPRAY
WA-101 152E	Pressure	1.5	0.29 (2.0)	200	260	250	230	H2	440	SMALL PIECE SPRAY
WA-101R 05P	Pressure	10.5	0.29 (2.0)	200	40	20	35	R	440	SMALL PIECE SPRAY

Model	Paint Feed	Nozzle Diameter mm	Air Pressure Mpa (kgf/cm ²)	Spray Distance mm	Air Consumption L/min	Fluid Output ml/min	Pattern Width mm	Air Cap Model	Weight (g)	Purpose
WA-200 122P	Pressure	1.2	0.29 (2.0)	200	530	500	400	G2P	470	WIDE AREA SPRAY
WA-200 152P	Pressure	1.5	0.29 (2.0)	200	330	270	340	K2	470	WIDE AREA SPRAY
WA-200 202P	Pressure	2.0	0.29 (2.0)	250	360	400	320	R2	470	WIDE AREA SPRAY
WA-200 251P	Pressure	2.5	0.24 (2.0)	250	360	500	330	W1	470	WIDE AREA SPRAY

Automatic Air Atomizing Nozzle

1/4 DJ nozzle has air and liquid screw thread with the inlet size of 1/4 inch NPT or BSPT (female), and screw thread gas driver inlet size of 1/8 inch NPT or BSPT (female). This type of nozzle is used with small-flow liquid cap.



Compact Type

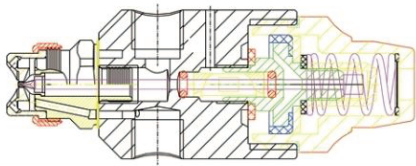
1/8 DJ spray nozzle is a compact, automatic atomizing nozzle, with a pipeline for single gas, it's designed to be used in small area. The size of screw thread air and liquid inlet is 1/8 inch NPT or BSPT (inner).



Design features

DJ automatic air atomizing nozzle has an inner gas driver to control 'on-off', and can circulate 180 times per minute. When 'on-off' runs, only the liquid of the sprayer will be shut off. The liquid flow can be carried to the nozzle body by siphon, gravity or pressure.

All the parts of spray nozzle are made accurately at strict quality control standard, to insure running smoothly and long service lifetime. The nozzle can be made of nickel-plating brass or stainless steel. Each nozzle has a stainless steel needle valve, a stainless steel flow cap and a stainless steel spring.



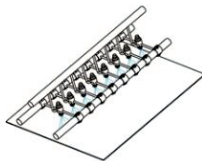
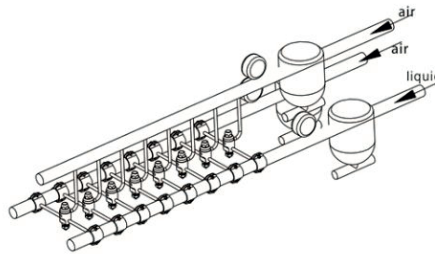
45°

1/8 DJ spray nozzle is a compact, automatic atomizing nozzle, with a single inlet for atomizing gas and driver gas. It keeps 45 degree angle between the inlet line and spray line.

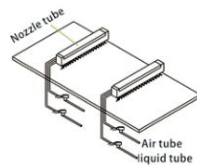


Single Gas Pipeline Type

With a single gas pipeline, 1/4 DJ nozzle can be used in atomizing and driving gas. It controls the pressure to drive the atomizing gas and liquid during 'on-off' period. This type of nozzle requires 2 bar gas pressure at least, and could circulate 180 times per minute.



Lubricate



corrugating board humidify