



**PERFORMANCE DATA:
PRESSURE SPRAY SET-UPS | INTERNAL MIX | ROUND SPRAY**

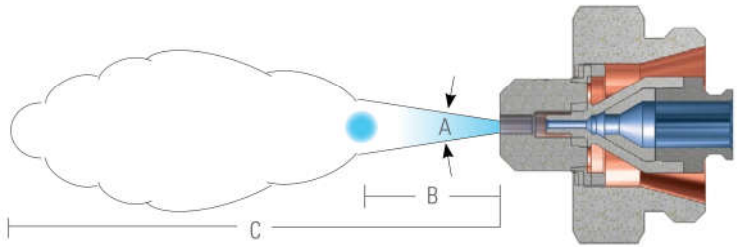
For a round spray pattern, angle "A" is maintained throughout distance "B". Beyond "B", the spray becomes turbulent and projects out to distance "C".

Liquid is supplied to this spray set-up under pressure.

Liquid and compressed air or gas are mixed internally to produce a completely atomized spray.

When ordering only a spray set-up, 12582 retainer ring and 7717-2/007 O-ring must be ordered separately. These components are included in a complete air atomizing nozzle assembly.

Please contact your sales engineer for more information.



Spray Set-up No.	Spray Set-up Consists of Fluid and Air Cap Combination	Liquid Capacity (liters per hour)* and Air Capacity (liters per minute)*														Spray Dimensions			
		Liquid Pressure																	
		0.7 bar		1.5 bar		2 bar		3 bar		4 bar		Spray Angle A (°)	B (cm)	C (m)					
		Air Press.	l/h	Air l/min	Air Press.	l/h	Air l/min	Air Press.	l/h	Air l/min	Air Press.				l/h	Air l/min			
SUJ11	Fluid Cap J2050 + Air Cap J67147	.70	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	13 - 15	30 - 44	27 - 44
		.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			
		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			
		-	-	-	2.0	3.0	23	2.4	3.0	26	3.2	4.3	31	4.5	4.5	43			
		-	-	-	2.2	2.0	27	2.7	2.3	31	3.7	3.0	38	4.8	3.7	47			
SUJ12A	Fluid Cap J2050 + Air Cap J73160	.70	2.5	18.7	1.4	5.7	27	1.7	6.7	29	2.2	9.2	34	2.8	11.9	39	12 - 15	43 - 56	3.7 - 5.2
		.85	2.0	22	1.5	5.2	29	1.8	6.4	31	2.5	8.2	39	3.1	11.0	43			
		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			
		-	-	-	2.0	3.9	37	2.2	4.8	40	3.1	6.3	49	3.9	8.4	58			
		-	-	-	2.1	3.4	40	2.7	3.6	48	3.4	5.5	55	4.5	6.8	68			
SUJ12	Fluid Cap J2850 + Air Cap J73160	.85	4.8	21	1.7	8.4	31	2.0	10.7	33	2.7	16.5	37	3.4	20	43	12 - 15	48 - 60	4.0 - 5.3
		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			
		1.4	3.4	33	2.0	7.0	37	2.4	8.2	42	3.1	13.6	43	3.9	16.8	50			
		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			
		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			
SUJ22B	Fluid Cap J40100 + Air Cap J1401110	1.1	13.0	76	2.2	17.8	116	2.8	20	136	3.4	32	149	4.6	37	190	18 - 21	66 - 97	4.9 - 9.1
		1.4	8.9	91	2.5	13.1	130	3.1	16.3	149	3.9	25	170	5.3	29	220			
		1.5	7.2	98	2.8	9.5	143	3.4	11.9	163	4.6	15.9	205	5.6	25	235			
		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			
		2.1	2.7	127	3.5	4.2	178	4.6	3.0	220	6.3	3.6	290	7.0	11.0	305			

*At the stated pressure in bar.

Drip Free™ spray set-ups ensure positive shut-off and are provided for air atomizing assemblies containing a shut-off needle. For more information, call 1.630.655.5000.



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SPRAY PERFORMANCE DATA

PRESSURE SPRAY SET-UPS | INTERNAL MIX
FOR 1/8JJ, 1/8JJAU, PULSAJET® (JJAU) & AA28JJAU SERIES NOZZLES

PERFORMANCE DATA: PRESSURE SPRAY SET-UPS | INTERNAL MIX | ROUND SPRAY

Spray Set-up No.	Spray Set-up Consists of Fluid and Air Cap Combination	Liquid Capacity (liters per hour)* and Air Capacity (liters per minute)*															Spray Dimensions		
		Liquid Pressure																	
		0.7 bar			1.5 bar			2 bar			3 bar			4 bar			Spray Angle A (°)	B (cm)	C (m)
		Air Press.	l/h	Air l/min	Air Press.	l/h	Air l/min	Air Press.	l/h	Air l/min	Air Press.	l/h	Air l/min	Air Press.	l/h	Air l/min			
SUJ22	Fluid Cap J60100 + Air Cap J1401110	.85	31	57	1.4	61	69	2.1	53	96	2.7	80	103	3.8	88	135	17 - 21	61 - 91	4.9 - 8.5
		1.0	25	66	1.5	54	76	2.4	41	112	3.0	69	117	4.2	73	156			
		1.1	18.5	75	1.7	48	85	2.7	31	127	3.2	59	130	4.6	61	176			
		1.3	12.9	85	2.0	35	102	2.8	26	136	3.7	44	154	5.3	39	215			
		-	-	-	2.2	25	119	3.0	22	144	3.9	35	170	6.0	23	260			

*At the stated pressure in bar.

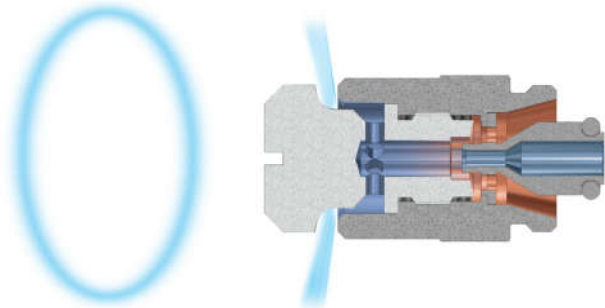


PERFORMANCE DATA: PRESSURE SPRAY SET-UPS | INTERNAL MIX | 360° CIRCULAR SPRAY

Liquid is supplied to this spray set-up under pressure.
Liquid and compressed air or gas are mixed internally to produce a completely atomized spray.

When ordering only a spray set-up, 7717-2/007 O-ring must be ordered separately. This component is included in a complete air atomizing nozzle assembly.

Please contact your sales engineer for more information.



360° circular spray pattern

Spray Set-up No.	Spray Set-up Consists of Fluid and Air Cap Combination	Liquid Capacity (liters per hour)* and Air Capacity (liters per minute)*														
		Liquid Pressure														
		0.7 bar			1.5 bar			2 bar			3 bar			4 bar		
		Air Press.	l/h	Air l/min	Air Press.	l/h	Air l/min	Air Press.	l/h	Air l/min	Air Press.	l/h	Air l/min	Air Press.	l/h	Air l/min
SUJ340C	Fluid Cap J60100 + Air Cap J150-6-62-160HC	1.4	15.1	69	2.8	19.5	142	3.5	21	185	4.2	48	210	6.0	45	340
		1.5	10.6	77	3.0	16.1	153	3.7	17.6	196	4.6	37	240	6.3	37	375
		1.7	7.6	84	3.1	13.2	165	3.8	14.8	210	4.9	28	275	6.7	30	405
		1.8	5.7	93	3.2	10.6	177	3.9	12.5	220	5.6	15.5	340	7.0	24	440
		2.0	4.2	103	3.4	8.3	188	4.2	8.1	245	6.3	7.8	425	-	-	-

Drip Free™ spray set-ups ensure positive shut-off and are provided for air atomizing assemblies containing a shut-off needle. For more information, call 1.630.655.5000.





**PERFORMANCE DATA:
PRESSURE SPRAY SET-UPS | INTERNAL MIX | WIDE ANGLE ROUND SPRAY**

For a wide angle round spray, dimensions "A" and "B" are the pattern widths at distances from the nozzle.

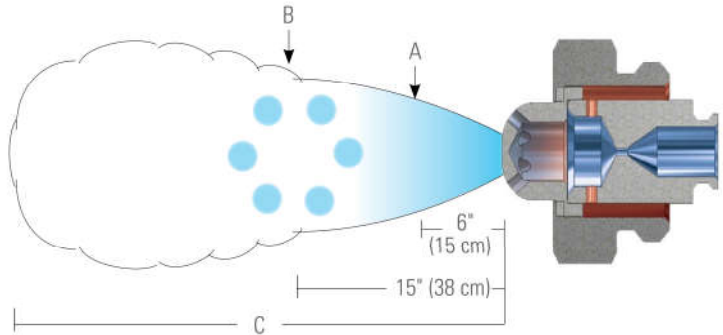
The total distance of spray projection from the nozzle to the maximum dispersal point is represented by "C".

Liquid is supplied to this spray set-up under pressure.

Liquid and compressed air or gas are mixed internally to produce a completely atomized spray.

When ordering only a spray set-up, 12582 retainer ring and 7717-2/007 O-ring must be ordered separately. These components are included in a complete air atomizing nozzle assembly.

Please contact your sales engineer for more information.



Spray Set-up No.	Spray Set-up Consists of Fluid and Air Cap Combination	Liquid Capacity (liters per hour)* and Air Capacity (liters per minute)*														Spray Dimensions			
		Liquid Pressure														A (cm)	B (cm)	C (m)	
		0.7 bar		1.5 bar		2 bar		3 bar		4 bar									
		Air Press.	l/h	Air l/min	Air Press.	l/h	Air l/min	Air Press.	l/h	Air l/min	Air Press.	l/h	Air l/min						
SUJ16	Fluid Cap J2050 + Air Cap J67-6-20-70°	.60	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	14 - 19	23 - 30	1.5 - 4.0
		.70	4.3	12.2	1.3	7.0	15.0	1.8	6.6	21	2.7	8.1	26	3.4	9.7	28			
		1.0	1.7	17.0	1.7	4.5	22	2.4	3.2	29	3.4	4.2	37	4.6	4.4	47			
		-	-	-	1.8	3.5	24	-	-	-	3.5	3.4	40	4.9	2.8	54			
SUJ26B	Fluid Cap J40100 + Air Cap J140-6-37-70°	.85	7.0	50	1.7	13.2	68	2.0	18.5	68	2.8	25	84	3.7	31	96	19 - 21	31 - 37	1.8 - 5.9
		1.0	2.1	62	1.8	9.8	79	2.1	15.1	76	3.0	22	92	3.8	28	105			
		-	-	-	-	-	-	2.2	11.7	85	3.1	18.5	101	3.9	26	113			
		-	-	-	-	-	-	-	-	-	3.4	12.1	119	4.2	20	130			
SUJ26	Fluid Cap J60100 + Air Cap J140-6-37-70°	.70	24	32	1.4	43	37	2.1	33	66	2.8	52	65	3.7	63	68	19 - 20	.6 - 39	2.1 - 6.8
		.85	13.6	44	1.5	35	49	2.2	26	78	3.0	46	76	3.8	58	79			
		1.0	7.6	57	1.7	28	61	2.4	18.9	89	3.1	39	87	3.9	52	101			
		-	-	-	1.8	21	71	2.5	11.7	100	3.4	26	110	4.6	27	138			
SUJ29	Fluid Cap J60100 + Air Cap J140-6-52-70°	1.3	36	85	2.1	57	116	3.1	53	156	4.2	64	197	5.6	74	245	20 - 24	33 - 41	5.5 - 10.4
		1.8	23	117	2.7	45	143	3.4	47	170	5.6	40	265	6.3	62	280			
		2.4	11.4	149	4.2	13.6	220	4.9	18.5	245	7.0	17.8	335	7.0	51	315			
		-	-	-	-	-	-	-	-	-	3.7	13.2	133	4.9	15.9	166			
SUJ30	Fluid Cap J40100 + Air Cap J120-6-35-60°	1.1	12.3	40	2.2	16.3	62	2.7	21	69	4.2	19.3	100	5.6	22	130	15 - 19	23 - 30	2.7 - 9.4
		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			
		2.0	3.1	67	3.4	4.7	95	4.2	4.7	115	6.3	4.0	167	7.0	9.1	174			

*At the stated pressure in bar.

Drip Free™ spray set-ups ensure positive shut-off and are provided for air atomizing assemblies containing a shut-off needle. For more information, call 1.630.655.5000.



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Spraying Systems Co.®

SPRAY PERFORMANCE DATA

PRESSURE SPRAY SET-UPS | INTERNAL MIX
FOR 1/8JJ, 1/8JJAU, PULSAJET® (JJAU) & AA28JJAU SERIES NOZZLES



**PERFORMANCE DATA:
PRESSURE SPRAY SET-UPS | INTERNAL MIX | FLAT SPRAY**

For a flat spray pattern, "A" and "B" are the pattern widths at distances from the nozzle.

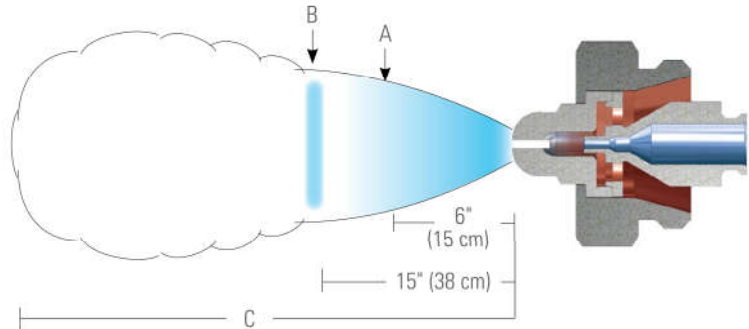
The total distance of spray projection from the nozzle to the maximum dispersal point is represented by "C".

Liquid is supplied to this spray set-up under pressure.

Liquid and compressed air or gas are mixed internally to produce a completely atomized spray.

When ordering only a spray set-up, 12582 retainer ring and 7717-2/007 O-ring must be ordered separately. These components are included in a complete air atomizing nozzle assembly.

Please contact your sales engineer for more information.



Spray Set-up No.	Spray Set-up Consists of Fluid and Air Cap Combination	Liquid Capacity (liters per hour)* and Air Capacity (liters per minute)*														Spray Dimensions			
		Liquid Pressure																	
		0.7 bar		1.5 bar			2 bar			3 bar			4 bar			A (cm)	B (cm)	C (m)	
Air Press.	l/h	Air l/min	Air Press.	l/h	Air l/min	Air Press.	l/h	Air l/min	Air Press.	l/h	Air l/min	Air Press.	l/h	Air l/min					
SUJ13A	Fluid Cap J2050 + Air Cap J73328	.70	5.5	24	1.3	9.1	31	2.0	8.6	42	2.7	11.2	52	3.9	12.0	69	25 - 56	46 - 94	2.6 - 4.0
		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			
		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			
SUJ13	Fluid Cap J2850 + Air Cap J73328	.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	36 - 58	71 - 97	2.1 - 3.2
		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			
		1.4	2.9	34	2.5	5.1	49	3.5	3.3	66	4.9	4.0	86	6.7	4.3	112			
SUJ14	Fluid Cap J2850 + Air Cap J73320	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	25 - 64	46 - 97	1.8 - 2.3
		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			
		1.8	1.3	41	2.8	3.1	52	3.5	3.2	62	4.9	3.8	80	6.3	5.1	98			
		2.0	.95	44	3.1	2.1	57	3.9	1.8	68	-	-	-	-	-	-			
SUJ23B	Fluid Cap J40100 + Air Cap J125328	1.1	11.2	54	2.1	18.0	79	2.7	19.6	93	3.5	27	112	4.6	33	137	15 - 33	20 - 48	3.0 - 4.0
		1.3	8.5	60	2.2	15.8	84	2.8	17.3	98	3.7	25	116	4.9	28	149			
		1.4	6.5	65	2.4	13.6	89	3.0	15.2	103	3.8	23	121	5.3	27	161			
		1.5	5.0	71	2.5	11.6	95	3.1	13.2	109	3.9	21	126	5.6	19.7	174			
		1.7	3.8	77	-	-	-	3.2	11.4	114	4.2	17.0	137	6.3	12.4	200			
SUJ23	Fluid Cap J60100 + Air Cap J125328	.85	27	33	1.8	38	55	2.4	39	67	3.2	58	76	4.6	59	106	18 - 33	23 - 41	3.4 - 4.4
		1.0	20	38	2.1	28	66	2.7	30	77	3.5	47	87	5.3	40	132			
		1.1	15.9	45	2.2	24	71	3.0	24	87	3.8	38	97	5.6	32	145			
		1.4	10.2	56	2.5	17.8	82	3.4	15.1	103	4.2	27	113	6.3	20	172			
		1.5	7.6	62	2.7	15.1	87	3.7	10.6	114	4.9	14.8	140	7.0	12.7	198			

*At the stated pressure in bar.

Drip Free™ spray set-ups ensure positive shut-off and are provided for air atomizing assemblies containing a shut-off needle. For more information, call 1.630.655.5000.





PERFORMANCE DATA:
PRESSURE SPRAY SET-UPS | EXTERNAL MIX | FLAT SPRAY

SUJE external mix spray set-ups offer increased ability to atomize viscous fluids and allow for greater flow capacity of finely atomized sprays.

Atomization can be controlled by varying the air pressure without changing liquid flow rate.

Liquid is supplied to this spray set-up under pressure.

Liquid and compressed air or gas are mixed externally to produce a completely atomized spray.

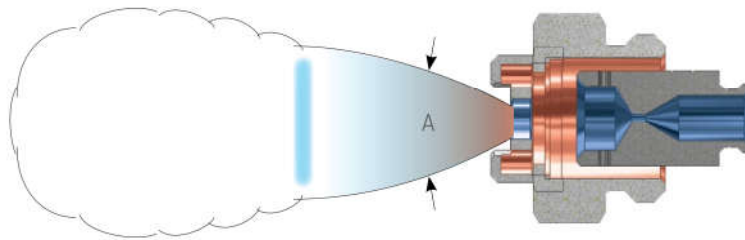
SUJE Series set-ups produce lower spray velocity for improved transfer and reduced misting.

Low profile design is ideal for applications where space is limited.

Very efficient use of air results in reduced air consumption costs and noise levels.

When ordering only a spray set-up, retainer ring and O-ring must be ordered separately. These components are included in a complete air atomizing nozzle assembly. Adapters must be used with all 1/8JJ nozzle bodies and all automatic spray nozzle with extensions except the 1/8JJAU.

Please contact your sales engineer for more information.



Spray Set-up No.	Spray Set-up Consists of Fluid and Air Cap Combination	Liquid Capacity (liters per hour)* and Air Capacity (liters per minute)*												Spray Angle A (°)
		Liquid Pressure												
		0.7 bar			1.5 bar			2 bar			2.5 bar			
		Air Press.	l/h	Air l/min	Air Press.	l/h	Air l/min	Air Press.	l/h	Air l/min	Air Press.	l/h	Air l/min	
SUJE416-50	Fluid Cap PFJ1650 + Air Cap PAJ105-50	0.7	4.9	65.1	0.7	7.4	65.1	0.7	8.4	65.1	0.7	9.2	65.1	50
		2.1	4.9	141.6	2.1	7.4	141.6	2.1	8.4	141.6	2.1	9.2	141.6	
		2.8	4.9	175.6	2.8	7.4	175.6	2.8	8.4	175.6	2.8	9.2	175.6	
		3.4	4.9	209.5	3.4	7.4	209.5	3.4	8.4	209.5	3.4	9.2	209.5	
SUJE417-50	Fluid Cap PFJ2050 + Air Cap PAJ105-50	0.7	7.2	65.1	0.7	10.8	65.1	0.7	12.3	65.1	0.7	13.5	65.1	
		2.1	7.2	141.6	2.1	10.8	141.6	2.1	12.3	141.6	2.1	13.5	141.6	
		3.4	7.2	209.5	3.4	10.8	209.5	3.4	12.3	209.5	3.4	13.5	209.5	
SUJE418-50	Fluid Cap PFJ2850 + Air Cap PAJ105-50	0.7	11.0	65.1	0.7	23.4	65.1	0.7	27.8	65.1	0.7	31.1	65.1	
		2.1	11.0	141.6	2.1	23.4	141.6	2.1	27.8	141.6	2.1	31.1	141.6	
		3.4	11.0	209.5	3.4	23.4	209.5	3.4	27.8	209.5	3.4	31.1	209.5	
SUJE420-50	Fluid Cap PFJ40100 + Air Cap PAJ135-50	0.7	44.3	65.1	0.7	47.7	65.1	0.7	54.4	65.1	0.7	61.5	65.1	
		2.1	44.3	141.6	2.1	47.7	141.6	2.1	54.4	141.6	2.1	61.5	141.6	
		3.4	44.3	206.7	3.4	47.7	206.7	3.4	54.4	206.7	3.4	61.5	206.7	

*At the stated pressure in bar.

Drip Free™ spray set-ups ensure positive shut-off and are provided for air atomizing assemblies containing a shut-off needle. For more information, call 1.630.655.5000.



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Spraying Systems Co.®

SPRAY PERFORMANCE DATA

PRESSURE SPRAY SET-UPS | EXTERNAL MIX
FOR 1/8JJ, 1/8JJAU, PULSAJET® (JJAU) & AA28JJAU SERIES NOZZLES

PERFORMANCE DATA: PRESSURE SPRAY SET-UPS | EXTERNAL MIX | FLAT SPRAY

Spray Set-up No.	Spray Set-up Consists of Fluid and Air Cap Combination	Liquid Capacity (liters per hour)* and Air Capacity (liters per minute)*												Spray Angle A (°)
		Liquid Pressure												
		0.7 bar			1.5 bar			2 bar			2.5 bar			
		Air Press.	l/h	Air l/min	Air Press.	l/h	Air l/min	Air Press.	l/h	Air l/min	Air Press.	l/h	Air l/min	
SUJE416-65	Fluid Cap PFJ1650 + Air Cap PAJ080-65	0.7	4.9	53.8	0.7	7.4	53.8	0.7	8.4	53.8	0.7	9.2	53.8	65
		2.1	4.9	113.3	2.1	7.4	113.3	2.1	8.4	113.3	2.1	9.2	113.3	
		3.4	4.9	167.1	3.4	7.4	167.1	3.4	8.4	167.1	3.4	9.2	167.1	
SUJE417-65	Fluid Cap PFJ2050 + Air Cap PAJ080-65	0.7	7.2	53.8	0.7	10.8	53.8	0.7	12.3	53.8	0.7	13.5	53.8	
		2.1	7.2	113.3	2.1	10.8	113.3	2.1	12.3	113.3	2.1	13.5	113.3	
		3.4	7.2	167.1	3.4	10.8	167.1	3.4	12.3	167.1	3.4	13.5	167.1	
SUJE418-65	Fluid Cap PFJ2850 + Air Cap PAJ080-65	0.7	11.0	53.8	0.7	23.3	53.8	0.7	27.7	53.8	0.7	31.2	53.8	
		2.1	11.0	113.3	2.1	23.3	113.3	2.1	27.7	113.3	2.1	31.2	113.3	
		3.4	11.0	167.1	3.4	23.3	167.1	3.4	27.7	167.1	3.4	31.2	167.1	
SUJE420-65	Fluid Cap PFJ40100 + Air Cap PAJ125-65	0.7	30.3	59.5	0.7	47.7	59.5	0.7	54.4	59.5	0.7	59.7	59.5	
		2.1	30.3	124.6	2.1	47.7	124.6	2.1	54.4	124.6	2.1	59.7	124.6	
		3.4	30.3	184.1	3.4	47.7	184.1	3.4	54.4	184.1	3.4	59.7	184.1	
SUJE421-65	Fluid Cap PFJ60100 + Air Cap PAJ125-65	2.1	60.6	124.6	2.1	–	–	2.1	–	–	2.1	–	–	
		2.8	60.6	152.9	2.8	94.9	152.9	2.8	–	–	2.8	–	–	
		3.4	60.6	184.1	3.4	94.9	184.1	3.4	108.2	184.1	3.4	–	–	
SUJE416-90	Fluid Cap PFJ1650 + Air Cap PAJ075-90	0.7	4.9	53.8	0.7	7.4	53.8	0.7	8.4	53.8	0.7	9.2	53.8	90
		2.1	4.9	113.3	2.1	7.4	113.3	2.1	8.4	113.3	2.1	9.2	113.3	
		3.4	4.9	167.1	3.4	7.4	167.1	3.4	8.4	167.1	3.4	9.2	167.1	
SUJE417-90	Fluid Cap PFJ2050 + Air Cap PAJ075-90	0.7	7.2	53.8	0.7	10.8	53.8	0.7	12.3	53.8	0.7	13.5	53.8	
		2.1	7.2	113.3	2.1	10.8	113.3	2.1	12.3	113.3	2.1	13.5	113.3	
		3.4	7.2	167.1	3.4	10.8	167.1	3.4	12.3	167.1	3.4	13.5	167.1	
SUJE418-90	Fluid Cap PFJ2850 + Air Cap PAJ075-90	0.7	11.0	53.8	0.7	24.3	53.8	0.7	27.9	53.8	0.7	30.8	53.8	
		2.1	11.0	113.3	2.1	24.3	113.3	2.1	27.9	113.3	2.1	30.8	113.3	
		3.4	11.0	167.1	3.4	24.3	167.1	3.4	27.9	167.1	3.4	30.8	167.1	
SUJE420-90	Fluid Cap PFJ40100 + Air Cap PAJ115-90	1.4	30.3	82.1	1.4	–	–	1.4	–	–	1.4	–	–	
		2.1	30.3	110.4	2.1	44.3	110.4	2.1	–	–	2.1	–	–	
		2.8	30.3	135.9	2.8	44.3	135.9	2.8	54.4	135.9	2.8	–	–	
		3.4	30.3	161.4	3.4	44.3	161.4	3.4	54.4	161.4	3.4	63.2	161.4	
SUJE421-90	Fluid Cap PFJ60100 + Air Cap PAJ115-90	2.1	60.6	110.4	2.1	–	–	2.1	–	–	2.1	–	–	
		2.8	60.6	135.9	2.8	94.9	135.9	2.8	–	–	2.8	–	–	
		3.4	60.6	161.4	3.4	94.9	161.4	3.4	108.2	161.4	3.4	–	–	
		4.1	–	–	4.1	–	–	4.1	–	–	4.1	118.6	186.9	
		4.8	–	–	4.8	–	–	4.8	–	–	4.8	118.6	212.4	

*At the stated pressure in bar.

Drip Free™ spray set-ups ensure positive shut-off and are provided for air atomizing assemblies containing a shut-off needle. For more information, call 1.630.655.5000.



SIPHON/GRAVITY SPRAY SET-UPS | EXTERNAL MIX
FOR 1/8JJ, 1/8JJAU, PULSAJET® (JJAU) & AA28JJAU SERIES NOZZLES

SPRAY PERFORMANCE DATA



PERFORMANCE DATA:
SIPHON/GRAVITY SPRAY SET-UPS | EXTERNAL MIX | ROUND SPRAY

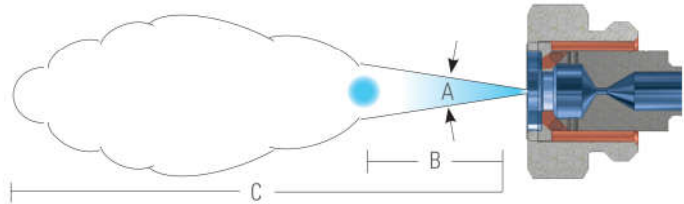
For a round spray pattern, angle "A" is maintained throughout distance "B". Beyond "B", the spray becomes turbulent and projects out to distance "C".

Liquid is supplied to this spray set-up by either a liquid siphon or a gravity-feed.

Liquid is drawn through the feed line into the air flow where it is atomized.

When ordering only a spray set-up, 12582 retainer ring and 7717-2/007 O-ring must be ordered separately. These components are included in a complete air atomizing nozzle assembly.

Please contact your sales engineer for more information.



Spray Set-up No.	Spray Set-up Consists of Fluid and Air Cap Combination	Atomizing Air		Liquid Capacity (liters per hour)*								Spray Dimensions at 20 cm Siphon Height		
		Air Press.	Air Capacity l/min	Gravity Head (cm)			Siphon Height (cm)					Spray Angle A (°)	B (mm)	C (m)
				45	30	15	10	20	30	60	90			
SUJ1A	Fluid Cap J1650 + Air Cap J64	.70	11.3	1.5	1.3	1.1	.87	.68	.53	–	–	18	28 - 36	1.8 - 2.6
		1.5	17.0	1.8	1.7	1.5	1.3	1.2	1.1	.62	–			
		3.0	28	2.1	1.9	1.7	1.5	1.4	1.3	1.1	.76			
		4.0	36	2.2	2.0	1.8	1.6	1.5	1.4	1.2	.87			
SUJ1	Fluid Cap J2050 + Air Cap J64	.70	13.3	2.4	2.1	1.7	1.5	1.2	.79	–	–	18 - 19	30 - 43	2.1 - 3.0
		1.5	20	2.8	2.6	2.4	2.1	1.9	1.6	.91	–			
		3.0	32	3.4	3.1	2.9	2.8	2.6	2.4	1.7	1.1			
		4.0	41	3.7	3.4	3.3	3.1	2.9	2.7	2.1	1.5			
SUJ2A	Fluid Cap J2050 + Air Cap J70	.70	23	2.5	2.3	2.0	1.6	1.4	1.1	–	–	18 - 20	30 - 43	2.4 - 4.0
		1.5	36	2.9	2.8	2.5	2.2	2.0	1.7	.89	–			
		3.0	58	3.4	3.3	3.2	2.9	2.8	2.5	1.9	1.2			
		4.0	74	3.7	3.6	3.5	3.4	3.3	3.0	2.5	2.0			
SUJ2	Fluid Cap J2850 + Air Cap J70	.70	19.3	4.5	4.0	3.4	2.1	1.8	1.4	–	–	21 - 22	38 - 51	3.0 - 4.6
		1.5	31	5.3	4.9	4.4	3.5	2.9	2.7	1.8	–			
		3.0	50	5.7	5.4	5.0	4.2	3.9	3.4	2.4	1.2			
		4.0	65	6.0	5.6	5.0	4.4	4.0	3.5	2.8	1.9			
SUJ3	Fluid Cap J2850 + Air Cap J64-5	.70	11.6	–	–	–	2.2	1.9	1.1	–	–	18 - 19	30 - 43	2.4 - 4.0
		1.5	18.4	–	4.8	4.1	3.6	3.2	2.6	1.2	–			
		3.0	29	6.4	6.0	5.6	5.2	4.8	4.4	2.8	1.2			
		4.0	37	7.1	6.7	6.3	6.1	5.6	5.3	3.7	2.0			
SUJ4B	Fluid Cap J40100 + Air Cap J120	.70	37	–	–	–	5.3	3.7	2.2	–	–	17 - 19	46 - 58	3.0 - 4.6
		1.5	59	–	9.9	9.2	7.4	6.0	4.8	1.5	–			
		3.0	91	12.1	11.3	10.7	8.8	7.7	6.5	3.0	1.1			
		4.0	116	12.9	12.1	11.4	9.5	8.6	7.6	4.2	1.8			
SUJ4	Fluid Cap J60100 + Air Cap J120	1.5	57	22	19.9	16.3	12.3	10.5	8.3	2.8	–	17 - 19	46 - 58	3.7 - 5.5
		3.0	88	25	23	19.5	16.7	14.2	11.5	6.4	2.8			
		4.0	111	26	24	21	18.4	15.7	12.9	7.9	4.5			
		5.6	147	26	24	22	19.7	17.0	14.6	9.8	6.1			

*At the stated pressure in bar.

Drip Free™ spray set-ups ensure positive shut-off and are provided for air atomizing assemblies containing a shut-off needle. For more information, call 1.630.655.5000.



PAWIN Engineering Co., Ltd.
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Spraying Systems Co.®

SPRAY PERFORMANCE DATA

SIPHON/GRAVITY SPRAY SET-UPS | EXTERNAL MIX

FOR 1/8JJ, 1/8JJAU, PULSAJET® (JJAU) & AA28JJAU SERIES NOZZLES



PERFORMANCE DATA: SIPHON/GRAVITY SPRAY SET-UPS | INTERNAL MIX | FLAT SPRAY

For a flat spray pattern, "A" and "B" are the pattern widths at distances from the nozzle.

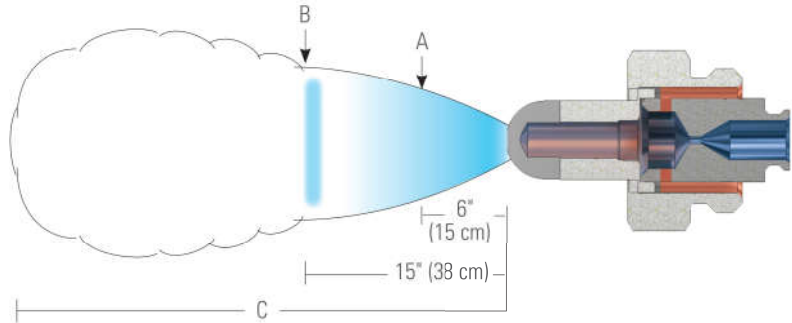
The total distance of spray projection from the nozzle to the maximum dispersal point is represented by "C".

Liquid is supplied to this spray set-up by either a liquid siphon or a gravity-feed.

Liquid is drawn through the feed line into the air flow where it is atomized.

When ordering only a spray set-up, 12582 retainer ring and 7717-2/007 O-ring must be ordered separately. These components are included in a complete air atomizing nozzle assembly.

Please contact your sales engineer for more information.



Spray Set-up No.	Spray Set-up Consists of Fluid and Air Cap Combination	Atomizing Air		Liquid Capacity (liters per hour)*								Spray Dimensions at 20 cm Siphon Height		
		Air Press.	Air Capacity l/min	Gravity Head (cm)			Siphon Height (cm)					A (cm)	B (cm)	C (m)
				45	30	15	10	20	30	60	90			
SUJF1	Fluid Cap J2850 + Air Cap J73420	.70	28	1.3	1.2	1.1	1.0	.95	.83	.64	.49	20 - 23	38	1.8 - 2.1
		1.5	43	1.2	1.1	1.0	.90	.86	.78	.66	.54			
		2.0	50	.82	.76	.68	.57	.50	-	-	-			
SUJF2C	Fluid Cap J35100 + Air Cap J120432	1.5	56	3.7	3.5	3.3	2.9	2.8	2.5	2.3	2.1	23 - 28	38 - 48	2.7 - 3.0
		2.0	65	3.4	3.3	3.1	2.8	2.7	2.6	2.4	2.2			
		3.0	87	2.8	2.7	2.5	2.4	2.2	2.1	1.9	1.7			
		4.0	110	1.9	1.8	1.6	1.5	1.3	1.2	-	-			
SUJF3B	Fluid Cap J40100 + Air Cap J122435	1.5	68	5.1	4.8	4.5	3.8	3.7	3.5	3.0	2.4	19 - 22	27 - 30	3.0 - 3.4
		2.0	78	4.9	4.7	4.4	3.6	3.4	3.2	2.9	2.3			
		3.0	103	3.4	3.2	3.0	2.2	2.0	1.7	-	-			
		3.5	117	2.2	2.0	1.7	-	-	-	-	-			
SUJF4B	Fluid Cap J40100 + Air Cap J122440	1.5	63	7.6	7.2	6.6	5.7	5.4	5.1	4.6	3.7	17 - 20	27 - 33	3.4
		2.0	73	7.6	7.3	6.8	5.9	5.7	5.5	5.0	4.2			
		3.0	96	6.4	6.1	5.7	5.0	4.5	4.1	3.3	-			
		3.5	110	4.2	3.7	3.2	2.6	-	-	-	-			

*At the stated pressure in bar.

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