

SPRAY PERFORMANCE DATA

PRESSURE SPRAY SET-UPS | INTERNAL MIX

FOR 1/8J, 1/4J, 1/4JAU, PULSAJET® (JAU), AA29JAU, 10535 & D55500-JAU SERIES NOZZLES



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

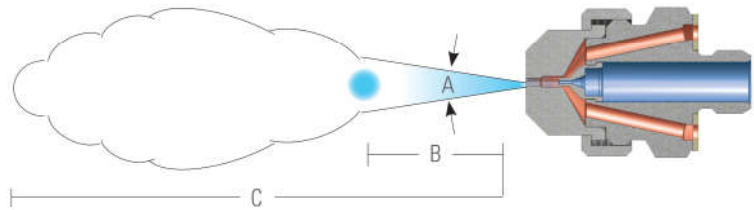
For a round spray pattern, angle "A" is maintained throughout distance "B". Beyond "B", the spray becomes turbulent and projects out to distance "C".

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, 3199 retainer ring and 3612 gasket 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														Spray Angle A (°)	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	Air Press.	l/h	Air l/min					
SU11	Fluid Cap 2050 + Air Cap 67147									13.9	2.7	6.2	23			13 - 15	30 - 44	2.7 - 4.4	
		.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
		-	-	-	1.8	3.4	20	2.2	3.4	24	3.1	4.7	29	4.2	5.5				38
		-	-	-	2.0	3.0	23	2.4	3.0	26	3.2	4.3	31	4.5	4.5				43
		-	-	-	2.1	2.6	25	2.5	2.5	28	3.4	3.9	33	4.6	4.1				45
		-	-	-	2.2	2.0	27	2.7	2.3	31	3.7	3.0	38	4.8	3.7	47			
SU12A	Fluid Cap 2050 + Air Cap 73160	.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			
		-	-	-	1.8	4.3	35	2.1	5.2	37	3.0	6.7	47	3.7	9.2	52			
		-	-	-	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	2.4	4.3	43	3.2	5.9	52	4.2	7.6	62			
		-	-	-	-	-	2.7	3.6	48	3.4	5.5	55	4.5	6.8	68				
SU12	Fluid Cap 2850 + Air Cap 73160	.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			

*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.



PRESSURE SPRAY SET-UPS | INTERNAL MIX

FOR 1/8J, 1/4J, 1/4JAU, PULSAJET® (JAU), AA29JAUCO, 10535 & D55500-JAU SERIES NOZZLES

SPRAY PERFORMANCE DATA

**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			
SU22B	Fluid Cap 40100 + Air Cap 1401110	1.1	13.0	76	2.2	17.8	116	2.8	20	136	3.4	32	149	4.6	37	193	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			
		1.7	5.8	105	3.1	7.0	157	3.9	7.0	187	5.3	9.1	240	6.0	21	250			
		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			
SU22	Fluid Cap 60100 + Air Cap 1401110	.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
		1.1	18.5	75	1.7	48	85	2.7	31	127	3.2	59	130	4.6	61	176			
		1.3	12.9	85	1.8	41	93	2.8	26	136	3.5	49	146	4.9	48	196			
		-	-	-	2.0	35	102	3.0	22	144	3.7	44	154	5.3	39	215			
		-	-	-	2.1	30	110	-	-	-	3.8	37	161	5.6	31	240			
		-	-	-	2.2	25	119	-	-	-	3.9	35	170	6.0	23	260			
SU42	Fluid Cap 100150 + Air Cap 1891125	1.0	44	86	1.4	125	79	2.0	123	108	2.2	199	88	3.0	250	99	19 - 22	89 - 117	6.1 - 9.1
		1.1	32	102	1.5	106	91	2.1	108	119	2.5	174	110	3.2	225	120			
		-	-	-	1.7	87	105	2.2	95	130	2.8	146	133	3.5	205	141			
		-	-	-	1.8	70	118	2.4	79	143	3.1	121	154	3.8	182	163			
		-	-	-	2.0	55	130	2.5	64	155	3.2	108	166	4.1	159	184			
		-	-	-	-	-	-	2.7	52	166	3.4	95	176	4.6	121	225			
		-	-	-	-	-	-	2.8	42	178	3.5	84	187	4.9	93	255			

*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.
168 อาคาร Axiom 1 ม. 7 ถ. กิ่งแก้ว ต. บางพลีใหญ่
อ. บางพลี จ. สมุทรปราการ 10540



☎ 0-2911-4761-5, 095-365-8530-1

✉ pawin@pawin.co.th

🌐 www.pawin.co.th



Spraying Systems Co.®

SPRAY PERFORMANCE DATA

PRESSURE SPRAY SET-UPS | INTERNAL MIX

FOR 1/8J, 1/4J, 1/4JAU, PULSAJET® (JAU), AA29JAU, 10535 & D55500-JAU SERIES NOZZLES



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.

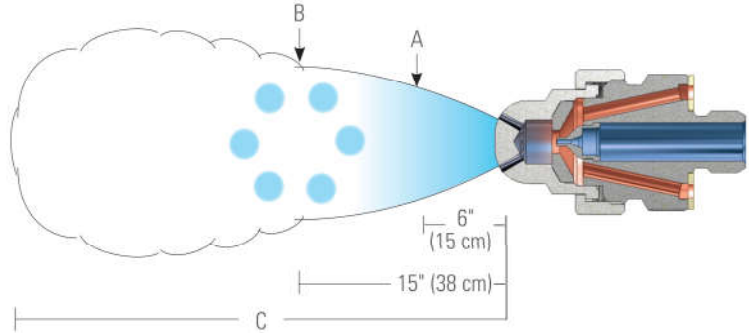
The total distance of spray projection from the nozzle to the maximum dispersal point is represented by "C".

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, 3199 retainer ring and 3612 gasket 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	Air Press.	l/h	Air l/min	Air Press.	l/h	Air l/min			
SU16	Fluid Cap 2050 + Air Cap 67-6-20-70°	.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	
		.85	3.0	14.2	1.4	6.4	17.0	2.1	4.9	25	3.0	6.4	30	3.9	7.8	36				
		1.0	1.7	17.0	1.5	5.5	19.0	2.4	3.2	29	3.2	4.9	34	4.2	6.1	42				
		-	-	-	1.7	4.5	22	-	-	-	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				
SU26B	Fluid Cap 40100 + Air Cap 140-6-37-70°	.85	7.0	50	1.7	13.2	68	2.0	18.5	68	2.8	25	84	3.7	31	96	18 - 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				
		-	-	-	-	-	-	-	-	-	3.2	15.1	109	4.1	23	122				
		-	-	-	-	-	-	-	-	-	3.4	12.1	119	4.2	20	130				
		-	-	-	-	-	-	-	-	-	3.5	9.1	130	4.6	13.6	153				
SU26	Fluid Cap 60100 + Air Cap 140-6-37-70°	.70	24	32	1.4	43	37	2.1	33	66	2.8	52	65	3.7	63	68	19 - 20	36 - 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	3.2	33	99	4.2	41	111				
		-	-	-	-	-	-	-	-	-	3.4	26	110	4.6	27	138				
		-	-	-	-	-	-	-	-	-	3.5	19.5	122	4.9	15.9	166				
SU29	Fluid 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	20-24	33 - 41	5.5 - 10.4	
		1.5	29	102	2.4	51	130	3.2	50	163	4.9	51	230	6.0	68	260				
		1.8	23	117	2.7	45	143	3.4	47	170	5.6	40	265	6.3	62	280				
		2.1	16.7	133	3.2	33	170	3.9	38	194	6.3	28	300	7.0	51	315				
		2.4	11.4	149	4.2	13.6	220	4.9	18.5	245	7.0	17.8	335	-	-	-				

*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 | INTERNAL MIX | WIDE ANGLE 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			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			
SU30	Fluid 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	15 - 19	23 - 30	9 - 31
		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			
		1.7	4.9	58	3.1	6.4	87	3.5	9.3	94	5.6	6.2	146	7.0	9.1	174			
		2.0	3.1	67	3.4	4.7	95	4.2	4.7	115	6.3	4.0	167	-	-	-			
SU46	Fluid 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	24 - 33	46 - 58	5.5 - 9.8
		2.0	15.1	178	3.2	27	255	3.7	41	275	5.3	36	375	6.7	62	460			
		2.3	7.6	205	3.5	18.5	280	4.1	23	310	6.0	18.9	435	-	-	-			
		-	-	-	3.7	14.8	290	4.2	18.9	320	6.3	13.6	460	-	-	-			
-	-	-	-	-	-	-	4.4	15.9	335	-	-	-	-	-	-				

*At the stated pressure in bar.



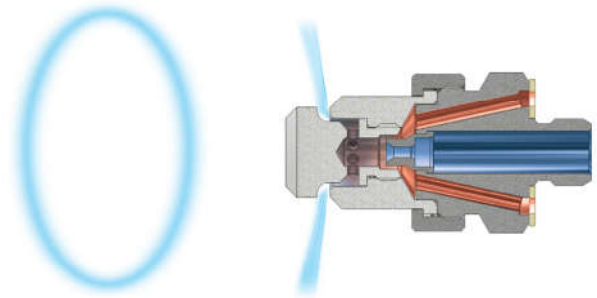
**PERFORMANCE DATA:
PRESSURE SPRAY SET-UPS | INTERNAL MIX | 360° CIRCULAR SPRAY**

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, 3199 retainer ring and 3612 gasket must be ordered separately. These components are 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
SU340C	Fluid Cap 60150 + Air Cap 189-6-62-160HC	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	-	-	-

*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.
168 อาคาร Axiom 1 ม. 7 ถ. สิงหาคม อ. บางพลี
อ. บางพลี จ.สมุทรปราการ 10540



☎ 0-2911-4761-5, 095-365-8530-1

✉ pawin@pawin.co.th

🌐 www.pawin.co.th



Spraying Systems Co.®

SPRAY PERFORMANCE DATA

PRESSURE SPRAY SET-UPS | INTERNAL MIX

FOR 1/8J, 1/4J, 1/4JAU, PULSAJET® (JAU), AA29JAU, 10535 & D55500-JAU 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.

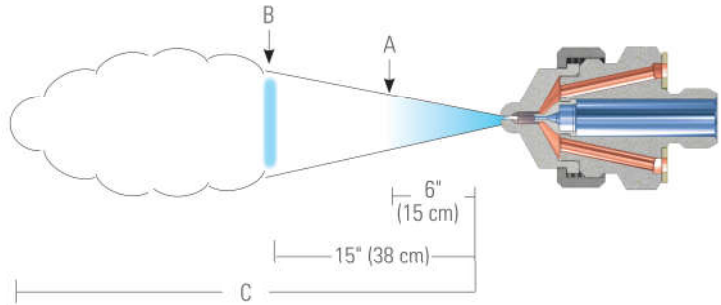
The total distance of spray projection from the nozzle to the maximum dispersal point is represented by "C".

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, 3199 retainer ring and 3612 gasket 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	Air Press.	l/h	Air l/min	Air Press.	l/h	Air l/min			
SU13A	Fluid Cap 2050 + Air Cap 73328	.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				
		1.1	3.5	34	2.1	5.4	47	2.8	5.2	57	3.5	8.1	66	6.0	5.3	104				
		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				
SU13	Fluid Cap 2850 + Air Cap 73328	.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	2.2	7.1	43	3.2	5.0	59	4.2	8.1	72	6.0	7.3	97				
		-	-	-	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				
SUN13	Fluid Cap 2850 + Air Cap 73335	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	10 - 20	17 - 33	3.0 - 4.8	
		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				
		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				
		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				
SU14	Fluid 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	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	-	-	-	-	-	-				
		2.0	.95	44	3.0	2.6	55	3.9	1.8	68	-	-	-	-	-	-				
		-	-	-	3.1	2.1	57	-	-	-	-	-	-	-	-	-				
SUN23	Fluid Cap 60100 + Air Cap 125340	1.1	11.0	27	2.1	18.9	50	2.5	23	59	3.5	33	80	4.2	53	89	10 - 20	15 - 35	2.4 - 4.0	
		1.4	3.2	40	2.4	10.6	63	2.8	15.1	74	3.8	23	97	4.9	30	127				
		-	-	-	-	-	-	-	-	-	4.2	13.1	120	5.6	13.8	173				
		-	-	-	-	-	-	-	-	-	4.6	7.2	138	6.3	3.2	225				
SU23B	Fluid Cap 40100 + Air Cap 125328	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	
		1.4	6.5	65	2.4	13.6	89	3.0	15.2	103	3.8	23	121	5.3	24	161				
		1.7	3.8	77	-	-	-	3.2	11.4	114	4.1	18.9	132	6.0	15.7	187				
		-	-	-	-	-	-	-	-	-	4.2	17.0	137	6.3	12.4	200				

*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.



PRESSURE SPRAY SET-UPS | INTERNAL MIX

FOR 1/8J, 1/4J, 1/4JAU, PULSAJET® (JAU), AA29JAUCO, 10535 & D55500-JAU SERIES NOZZLES

SPRAY PERFORMANCE DATA

**PERFORMANCE DATA:
PRESSURE SPRAY SET-UPS | INTERNAL 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 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			
SU23	Fluid Cap 60100 + Air Cap 125328	.85	27	33	1.8	38	55	2.4	39	67	3.2	58	76	4.6	59	106	18 - 33	30 - 51	3.4 - 4.4
		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	3.5	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			
SU43	Fluid Cap 100150 + Air Cap 189351	1.0	29	90	1.8	56	117	2.1	100	119	3.0	126	140	4.1	140	181	18 - 36	25 - 58	3.4 - 5.2
		1.1	18.9	108	2.0	40	133	2.2	79	133	3.1	110	151	4.2	125	193			
		-	-	-	-	-	-	2.4	62	147	3.2	95	163	4.6	89	225			
		-	-	-	-	-	-	2.7	36	177	3.5	62	193	5.3	34	305			
		-	-	-	-	-	-	-	-	-	3.7	48	210	5.6	16.7	340			
-	-	-	-	-	-	-	-	-	3.8	37	225	-	-	-					

*At the stated pressure in bar.



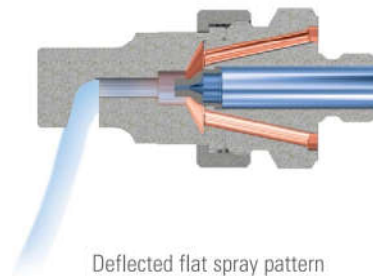
**PERFORMANCE DATA:
PRESSURE SPRAY SET-UPS | INTERNAL MIX | DEFLECTED FLAT SPRAY**

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, 1158 retainer ring and 3612 gasket must be ordered separately. These components are included in a complete air atomizing nozzle assembly.

Please contact your sales engineer for more information.



Deflected flat 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
SU240E	Fluid Cap 28150 + Air Cap 189110-75°	.40	11.0	45	1.1	14.5	79	1.5	15.7	96	2.1	20	114	2.7	26	133
		.60	9.5	54	1.3	13.2	86	1.7	14.3	104	2.2	19.2	121	3.2	22	160
		.70	7.6	65	1.4	11.8	95	1.8	12.9	112	2.7	15.8	146	3.8	17.7	186
		.80	5.7	77	1.5	10.0	103	2.1	9.8	130	3.1	11.8	173	4.4	13.1	230
		-	-	-	1.7	8.7	113	2.2	8.3	142	3.2	10.3	183	4.6	10.2	250

*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.
168 อาคาร Axiom 1 บ. 7 ถ. ซี่งแก้ว ต. บางพลีใหญ่
อ. บางพลี จ. สมุทรปราการ 10540



Spraying Systems Co.®

SPRAY PERFORMANCE DATA

PRESSURE SPRAY SET-UPS | EXTERNAL MIX

FOR 1/8J, 1/4J, 1/4JAU, PULSAJET® (JAU), AA29JAU, 10535 & D55500-JAU SERIES NOZZLES



PERFORMANCE DATA: PRESSURE SPRAY SET-UPS | EXTERNAL 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".

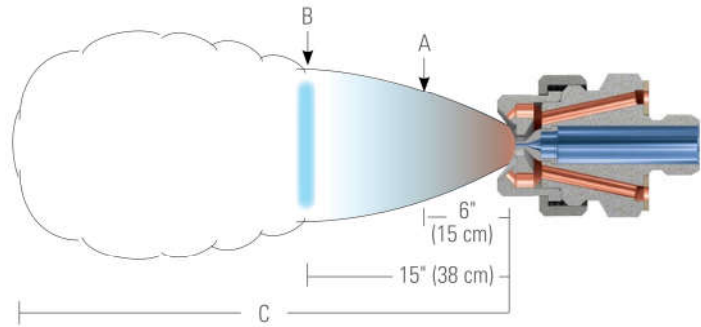
Liquid is supplied to this spray set-up under pressure.

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

For external mix spray set-ups, atomization can be controlled by varying the air pressure without changing liquid flow rate.

When ordering only a spray set-up, 1158 retainer ring and 3612 gasket 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)	
		0.2 bar		0.3 bar		0.7 bar		1.5 bar		3 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					
SUE15B	Fluid Cap 1650 + Air Cap 67228-45°	.20	2.8	25.2	3.5	3.5	26.3	.70	5.3	31.2	1.4	7.8	45.3	2.8	11.0	73.6	9.0 - 15.0	23 - 24	.90 - 2.4
		.70	2.8	31.2	1.05	3.5	39.6	1.4	5.3	45.3	2.1	7.8	59.5	4.2	11.0	102			
		1.4	2.8	45.3	1.75	3.5	53.8	2.1	5.3	59.4	3.5	7.8	85	5.3	11.0	127.5			
		1.75	2.8	53.8	2.1	3.5	59.4	2.8	5.3	73.6	4.2	7.8	102	5.6	11.0	139			
		2.1	2.8	59.4	2.8	3.5	73.6	3.5	5.3	85	5.6	7.8	139	6.3	11.0	159			
SUE18B	Fluid Cap 1650 + Air Cap 62240-60°	.35	2.8	22	.35	3.5	22	.40	5.3	25	.60	7.8	28	.70	11.0	34	20 - 30	33 - 51	1.2 - 2.7
		.40	2.8	25	.40	3.5	25	.60	5.3	28	.70	7.8	34	1.1	11.0	45			
		.50	2.8	27.5	.60	3.5	28	.70	5.3	34	1.1	7.8	45	1.8	11.0	62			
		.60	2.8	28	.70	3.5	34	.85	5.3	40	1.4	7.8	54	2.5	11.0	79			
SUE15A	Fluid Cap 2050 + Air Cap 67228-45°	.35	4.5	26.3	.70	5.5	31.2	1.05	8.3	39.6	1.75	12.2	53.8	3.15	16.6	82	7.5 - 15.0	22 - 25	1.0 - 3.0
		1.05	4.5	39.6	1.4	5.5	45.3	1.75	8.3	53.8	2.8	12.2	73.6	4.2	16.6	102			
		1.75	4.5	53.8	2.1	5.5	59.4	2.8	8.3	73.6	4.2	12.2	102	5.25	16.6	127			
		2.1	4.5	59.4	2.8	5.5	73.6	3.5	8.3	85	4.9	12.2	119	6.3	16.6	159			
SUE18A	Fluid Cap 2050 + Air Cap 62240-60°	.35	4.5	22	.35	5.5	22	.60	8.3	28	.70	12.2	34	1.1	16.6	45	28 - 41	40 - 66	1.5 - 2.9
		.60	4.5	28	.70	5.5	34	.70	8.3	34	1.4	12.2	54	1.4	16.6	54			
		.70	4.5	34	1.1	5.5	45	1.4	8.3	54	2.1	12.2	71	2.1	16.6	71			
		1.1	4.5	45	1.4	5.5	54	2.1	8.3	71	2.5	12.2	79	2.5	16.6	79			
SUE15	Fluid Cap 2850 + Air Cap 67228-45°	.70	8.5	31.2	1.05	10.4	39.6	1.4	15.9	45.3	2.5	23	68	3.5	33	85	13.0 - 16.5	25 - 30	1.2 - 4.0
		1.4	8.5	45.3	1.75	10.4	53.8	2.1	15.9	59.4	3.5	23	85	4.9	33	119			
		2.1	8.5	59.4	2.8	10.4	73.6	3.5	15.9	85.0	4.9	23	119	5.6	33	139			
		2.8	8.5	73.6	3.5	10.4	85	4.2	15.9	102	5.6	23	139	6.3	33	159			
		3.5	8.5	85	4.2	10.4	102	4.9	15.9	119	6.3	23	159	7.0	33	176			

*At the stated pressure in bar.

Anti-bearding set-ups are available to reduce nozzle build-up and maintenance time for select external mix air atomizing nozzles. 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.



PRESSURE SPRAY SET-UPS | EXTERNAL MIX

FOR 1/8J, 1/4J, 1/4JAU, PULSAJET® (JAU), AA29JAUCO, 10535 & D55500-JAU SERIES NOZZLES

SPRAY PERFORMANCE DATA

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 Dimensions			
		Liquid Pressure																	
		0.2 bar		0.3 bar			0.7 bar			1.5 bar			3 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
SUE18	Fluid Cap 2850 + Air Cap 62240-60°	.40	8.5	25	.40	10.4	25	.40	15.9	25	.70	23	34	1.4	33	54	35 - 41	61 - 69	1.8 - 2.9
		.50	8.5	27.5	.60	10.4	28	.60	15.9	28	.85	23	40	1.8	33	62			
		.60	8.5	28	.65	10.4	31	.70	15.9	34	1.1	23	45	2.1	33	71			
		.70	8.5	34	.70	10.4	34	.85	15.9	40	1.4	23	54	2.5	33	79			
SUE25B	Fluid Cap 35100 + Air Cap 134255-45°	.70	13.4	85	1.0	16.4	102	1.4	25	116	2.5	37	178	3.2	52	212	13.0 - 16.5	25 - 37	1.7 - 4.9
		1.4	13.4	116	1.8	16.4	139	2.1	25	156	3.5	37	227	3.9	52	255			
		2.1	13.4	156	2.8	16.4	195	2.8	25	195	4.9	37	312	4.9	52	314			
		2.8	13.4	195	3.5	16.4	227	3.5	25	227	5.6	37	360	5.6	52	360			
SUE28B	Fluid Cap 35100 + Air Cap 122281-60°	3.5	13.4	227	4.2	16.4	266	4.2	25	266	6.3	37	411	6.3	52	411	33 - 41	48 - 71	3.8 - 5.2
		.60	13.4	91	.70	16.4	102	1.4	25	156	2.1	37	210	3.2	52	285			
		.70	13.4	102	1.1	16.4	130	2.1	25	210	2.8	37	260	4.2	52	360			
		1.1	13.4	130	1.8	16.4	184	2.5	25	235	3.5	37	310	5.3	52	430			
SUE25A	Fluid Cap 40100 + Air Cap 134255-45°	1.4	13.4	156	2.1	16.4	210	2.8	25	260	4.2	37	360	5.6	52	455	15.0 - 18.0	27 - 37	2.1 - 5.8
		.70	17.6	85	1.4	22	116	1.8	33	139	2.8	48	195	3.5	68	232			
		1.4	17.6	116	2.1	22	156	2.5	33	178	3.5	48	227	4.9	68	314			
		2.1	17.6	156	2.8	22	195	3.5	33	227	4.9	48	312	5.6	68	360			
SUE28A	Fluid Cap 40100 + Air Cap 122281-60°	2.8	17.6	195	3.5	22	227	4.2	33	266	5.6	48	360	6.3	68	411	33 - 38	51 - 64	3.0 - 5.2
		3.5	17.6	227	4.2	22	266	4.9	33	312	6.3	48	411	6.6	68	428			
		.60	17.6	91	.70	22	102	1.1	33	130	2.5	48	235	3.5	68	310			
		1.1	17.6	130	1.4	22	156	1.8	33	184	3.2	48	285	4.6	68	380			
SUE28	Fluid Cap 60100 + Air Cap 122281-60°	1.4	17.6	156	1.8	22	184	2.5	33	235	3.9	48	330	6.0	68	475	38 - 48	76 - 84	3.0 - 5.8
		1.8	17.6	184	2.1	22	210	2.8	33	260	4.2	48	360	6.7	68	525			
		1.1	36	130	1.4	45	156	2.1	68	210	3.5	100	310	6.0	141	475			
		1.4	36	156	2.1	45	210	2.8	68	260	4.9	100	405	6.7	141	525			
SUE25	Fluid Cap 60100 + Air Cap 134255-45°	1.8	36	184	2.5	45	235	3.2	68	285	5.9	100	455	7.0	141	550	15.0 - 19.0	25 - 38	2.7 - 5.9
		2.1	36	116	2.1	45	156	2.8	68	195	3.5	100	227	4.2	141	275			
		2.1	36	156	2.8	45	195	3.5	68	227	4.2	100	266	4.9	141	314			
		2.8	36	195	3.5	45	227	4.9	68	312	5.6	100	360	6.3	141	411			
SUE45B	Fluid Cap 60150 + Air Cap 200278-45°	3.5	36	227	4.2	45	266	5.6	68	360	6.3	100	411	7.0	141	453	15.0 - 17.0	29 - 34	3.0 - 5.5
		2.1	36	260	2.1	45	260	2.8	68	330	4.2	100	445	-	-	-			
		2.8	36	330	2.8	45	330	3.5	68	380	4.9	100	529	-	-	-			
		3.5	36	380	3.5	45	380	4.2	68	445	5.6	100	600	-	-	-			
SUE45A	Fluid Cap 80150 + Air Cap 200278-45°	4.2	36	445	4.2	45	445	4.9	68	520	6.3	100	685	-	-	-	17.0 - 20	34 - 38	3.5 - 6.1
		2.1	64	260	2.8	78	330	3.9	119	410	4.9	175	520	-	-	-			
		2.8	64	330	3.5	78	380	4.6	119	480	5.6	175	600	-	-	-			
		3.5	64	380	4.2	78	445	5.3	119	565	6.3	175	685	-	-	-			
SUE45	Fluid Cap 100150 + Air Cap 200278-45°	4.2	64	445	4.9	78	520	5.6	119	600	-	-	-	-	-	-	19.0 - 22	36 - 41	4.6 - 6.1
		4.9	64	520	5.6	78	600	6.3	119	685	-	-	-	-	-	-			
		2.8	102	330	3.5	125	380	4.6	192	480	5.6	280	600	-	-	-			
		3.5	102	380	4.2	125	445	5.3	192	565	6.3	280	685	-	-	-			

*At the stated pressure in bar.

Anti-bearding set-ups are available to reduce nozzle build-up and maintenance time for select external mix air atomizing nozzles. 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.
 168 อาคาร Axiom 1 น. 7 ถ. กิ่งแก้ว อ. บางพลีใหญ่
 อ. บางพลี จ. สมุทรปราการ 10540



☎ 0-2911-4761-5, 095-365-8530-1

✉ pawin@pawin.co.th

🌐 www.pawin.co.th



Spraying Systems Co.®

SPRAY PERFORMANCE DATA

SIPHON/GRAVITY SPRAY SET-UPS | INTERNAL MIX

FOR 1/8J, 1/4J, 1/4JAU, PULSAJET® (JAU), AA29JAUCO, 10535 & D55500-JAU 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.

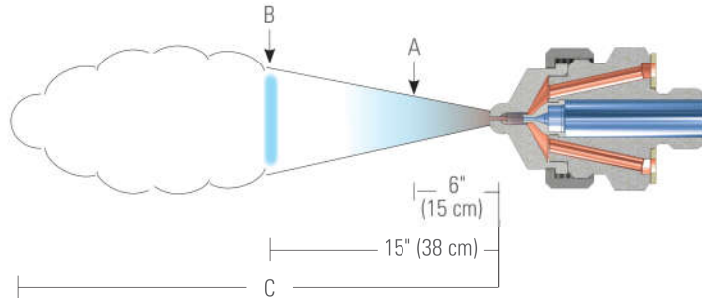
The total distance of spray projection from the nozzle to the maximum dispersal point is represented by "C".

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, 3199 retainer ring and 3612 gasket 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			
SUF1	Fluid Cap 2850 + Air Cap 73420	.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	-	-	-			
SUF2C	Fluid Cap 35100 + Air Cap 120432	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	-	-			
SUF3B	Fluid Cap 40100 + Air Cap 122435	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	-	-	-	-	-			
SUF4B	Fluid Cap 40100 + Air Cap 122440	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.

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 1/8J, 1/4J, 1/4JAU, PULSAJET® (JAU), AA29JAUCO, 10535 & D55500-JAU SERIES NOZZLES

SPRAY PERFORMANCE DATA



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

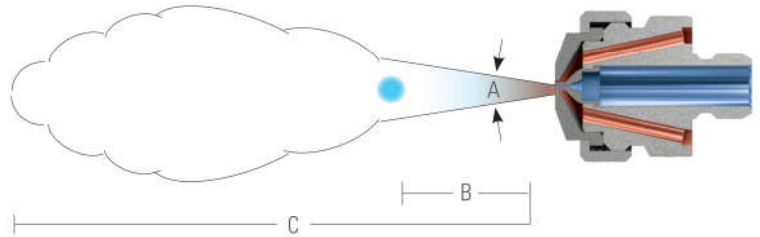
For a round spray pattern, angle "A" is maintained throughout distance "B". Beyond "B", the spray becomes turbulent and projects out to distance "C".

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, 3199 retainer ring and 3612 gasket 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 (cm)	C (m)
				45	30	15	10	20	30	60	90			
SU1A	Fluid Cap 1650 + Air Cap 64	.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			
SU1	Fluid Cap 2050 + Air Cap 64	.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			
SU2A	Fluid Cap 2050 + Air Cap 70	.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			
SU2	Fluid Cap 2850 + Air Cap 70	.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	6.0	5.6	5.0	4.4	4.0	3.4	2.4	1.2			
SU4	Fluid Cap 60100 + Air Cap 120	1.5	58	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			
SU5	Fluid Cap 100150 + Air Cap 180	2.0	144	–	–	–	27	22	16.8	–	–	20 - 22	51 - 63	6.7 - 8.2
		3.0	190	–	–	–	30	26	21	–	–			
		4.0	240	–	43	40	31	28	23	11.0	–			
		5.6	315	44	42	39	31	28	24	16.7	8.3			

*At the stated pressure in bar.

Anti-bearding set-ups are available to reduce nozzle build-up and maintenance time for select external mix air atomizing nozzles. 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.
 168 อาคาร Axiom 1 บ. 7 ถ. ซิ่งแก้ว ต. บางพลีใหญ่
 อ. บางพลี จ. สมุทรปราการ 10540



0-2911-4761-5, 095-365-8530-1

pawin@pawin.co.th

www.pawin.co.th



Spraying Systems Co.®

SPRAY PERFORMANCE DATA

SIPHON/GRAVITY SPRAY SET-UPS | EXTERNAL MIX

FOR 1/8J, 1/4J, 1/4JAU, PULSAJET® (JAU), AA29JAU, 10535 & D55500-JAU SERIES NOZZLES



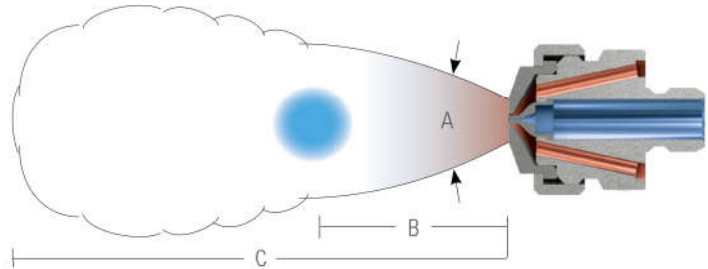
PERFORMANCE DATA: SIPHON/GRAVITY SPRAY SET-UPS | EXTERNAL MIX | WIDE ANGLE ROUND SPRAY

For this wide angle 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.

Please contact your sales engineer for more information.



Spray Set-up No.	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 (cm)	C (m)
			45	30	15	10	20	30	60			
D-SU1A-W D-SU1A-W-CO	0.5	32	1.6	1.5	1.4	1.3	1.2	1.1	0.60	30 - 40	10 - 25	1.8 - 2.1
	0.7	40	1.9	1.8	1.6	1.5	1.4	1.4	1.1			
	1.0	50	2.2	2.0	2.0	1.9	1.8	1.8	1.5			
	1.5	69	2.5	2.5	2.4	2.3	2.3	2.3	2.1			
D-SU1-W D-SU1-W-CO	0.5	45	2.6	2.4	2.3	2.0	1.9	1.7	1.0	32 - 40	15 - 30	1.9 - 2.4
	0.7	54	2.9	2.7	2.6	2.4	2.3	2.1	1.7			
	1.0	69	3.3	3.2	3.1	2.9	2.8	2.7	2.4			
	1.5	91	4.0	3.9	3.8	3.6	3.6	3.5	3.2			
D-SU2A-W D-SU2A-W-CO	0.5	45	2.5	2.4	2.3	2.2	2.1	1.9	1.5	30 - 40	15 - 30	1.9 - 2.4
	0.7	54	2.8	2.8	2.7	2.6	2.5	2.4	2.0			
	1.0	69	3.4	3.3	3.2	3.2	3.1	3.0	2.6			
	1.5	91	4.0	4.0	3.9	3.9	3.8	3.7	3.4			
D-SU2-W D-SU2-W-CO	0.5	48	5.1	4.7	4.2	3.5	3.2	2.7	1.1	30 - 40	15 - 30	1.9 - 2.6
	0.7	59	5.7	5.3	4.8	4.2	3.9	3.6	2.6			
	1.0	76	6.3	5.9	5.5	5.0	4.9	4.7	3.8			
	1.5	101	7.1	7.0	6.8	6.3	6.1	6.0	5.4			
D-SU4-W D-SU4-W-CO	0.5	57	27	24	21	12.1	9.7	7.7	2.7	30 - 40	20 - 45	2.0 - 2.9
	0.7	70	28	26	22	14.3	12.0	10.3	5.6			
	1.0	88	31	28	25	17.1	14.6	12.9	8.6			
	1.5	118	34	32	28	21	17.7	15.4	11.2			
D-SU5-W D-SU5-W-CO	0.5	87	-	-	-	23	16.5	11.4	3.5	30 - 40	25 - 55	2.2 - 3.3
	0.7	108	-	-	-	26	21	16.2	7.7			
	1.0	134	-	-	55	34	27	21	12.8			
	1.5	175	-	67	61	43	34	29	18.9			

*At the stated pressure in bar.

"CO" set-ups are used for nozzles with clean-out needles.

