



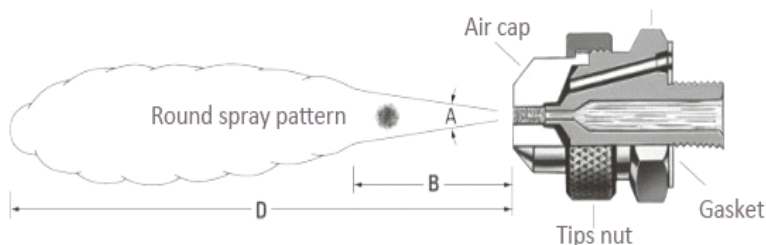
SUA



Round spray air caps produce a narrow, full cone round spray pattern

Design Features

- Spray Angle : 15°-30°
- Spray Pattern : Hollow cone- shaped spray pattern with irregularly round impact area.
- Drops : Small- to much small-size, uniform distribution .
- Features : The nozzle body has air inlet and liquid inlet at opposite ends.
Wide selection, includes adjustable nozzle, fixed nozzle and self-cleaning nozzle.



For round spray pattern, angle "A" is maintained throughout distance "B".
Beyond "B", the spray becomes turbulent and will project out to distance "D".

Air Atomizing

Performance State

At the stated pressure in bar.

Spray Set-up No.	Spray Set-up Consists of Fluid and Air Cap Combination	Orifice (mm)	Liquid Capacity (liters per hour)* and Air Capacity (liters per minute)*															Spray Dimensions				
			Liquid Pressure																			
			0.7bar			1.5bar			2bar			3bar			4bar			Air *	Liquid *	Spray Angle A(°)	B (cm)	D (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					
SU11	Fluid Cap 2050 + Air Cap 67147	0.5	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					
			0.9	1.8	19	1.4	5.0	15	1.7	5.5	16.7	2.8	5.7	25	3.7	7.3	29	0.9	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
			—	—	—	2.1	2.6	25	2.5	2.5	28	3.4	3.9	33	4.6	4.1	45	4.5	4.0	15	44	4.4
SU12A	Fluid Cap 2050 + Air Cap 73160	0.5	—	—	—	2.2	2.0	27	2.7	2.3	31	3.7	3.0	38	4.8	3.7	47					
			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					
			0.9	2.0	22	1.5	5.2	29	1.8	6.4	31	2.5	8.2	39	3.1	11.0	43	0.9	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	4.3
			—	—	—	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
SU12	Fluid Cap 2850 + Air Cap 67149	0.7	—	—	—	2.1	3.4	40	2.4	4.3	43	3.2	5.9	52	4.2	7.6	62	3.9	4.0	15	56	5.2
			—	—	—	—	—	—	2.7	3.6	48	3.4	5.5	55	4.5	6.8	68					
			0.9	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
SU22B	Fluid Cap 40100 + Air Cap 1401110	1.0	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
			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					
			1.1	13	76	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
SU22	Fluid Cap 60100 + Air Cap 1401110	1.5	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	290	6.0	4.0	21	97	9.1
			2.1	2.7	127	—	—	—	—	—	—	6.3	3.6	290	7.0	11	305					
			0.9	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
SU42	Fluid Cap 100150 + Air Cap 1891125	2.5	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					
SU42	Fluid Cap 100150 + Air Cap 1891125	2.5	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					