

SUK series

The liquid and air stream under pressure collide in the internal mixing chamber effecting a thorough mix before exiting the orifice. Being internally mix, the streams are dependent on each other. Although, changes in the air stream affects the liquid line, the Internal mix produces the finest atomisation possible in any Air and liquid atomiser. However, it is gets

line, the Internal mix produces the finest atomisation possible in any Air and liquid atomiser. However, it is gets clog easily for liquid with viscosity above 150 centioise

Spray Angle: Wide angle 60 degrees to 70 degrees Cone

spray device	spray device consists of air cap and fluid cap		liquid flow (Umin)and flow (Umin)																			
		Water pressure (bar)														Size						
		0.7bar			1.5bar				2bar	2bar		3bar		4bar								
		Air pressure (bar)	Water (L/h)	Air (L/min)	Air pressure (bar)	Water (L/h)	Air (L/min)	Air pressure (par)	Water (L/h)	Air (L/min)	Air pressure (bar)	Water (L/h)	Air (L/min)	Air pressure (bar)	Water (L/h)	Air (L/min)	Air (bar)	Liquid (bar)	A (cm)	B (cm)	C (cm)	D (cm)
		0.6	5.3	10.2	1.1	6.1	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
SUK16	Liquid Cap 2050 and Air Cap 67-6-20-70°	0.7	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	1.4	1.5	15	19	24	1.8
		0.85	3.0	14.2	1.4	6.4	17.0	2.1	3.2	25	3.0	6.4	30	3.9	7.8 6.1	36	1.8	2.0	16	20	25	2.1
		1.0	1-1	17.0	1.7	4.5	22	204	0.2	2.0	3.4	4. 2	37	4.6	4.4	47	3.9	4.0	19	23	30	4.0
					1.8	3.5	24				3.5	3, 4	40	4.9	2.8	54						1
SUK26B	Liquid Cap 60100 and Air Cap 140-6-37-70°	0.85	7.0	5.0	1.7	13.2	68	2.0	18.5	68	2.8	25	84	3.7	31	96					00000	
		1.0	2.1	62	1.8	9.8	79	2.1	15.1		3.0	22	92	3.8	28	105	0.85			24	31	1.8
								2.2	11.7	85	3.1	18.5	101	3.9	26	113	2.1	1.5	19	25	33	2.4
		-									3.4	12.1	130	4.1	23	130	3 2	2.0		26	26	3.2
		-									3.5	9.1	142	4.6	13.6		4.1	4.0	21	28	28	5.9
											3.7	6.1	65	4.9	6.8	183				1	TO:	
SUK26	Liquid Cap 60100 and Air Cap 140-6-37-70°	0.7	24	32	1.4	43	37	2.1	33	66	2.8	52	76	3.7	63	68	1 05	0.7	40	n.c.	36	0 1
		1.0	7.6	57	1.7	35 28	61	2.2	26 18.9	78 89	3.0	46 39	87	3.8	68 52	79	1.85	1.5	20	25	37	3.2
		1.0	7.0	0,	1.8	21	7.1	2.5	11.7	100	3. 2	33	99	4.2	41	111	2.4	2.0	20	27	38	4.1
		_				1			1		3.4	26	110	4.6	27	138	3, 2	3.0		28	38	5.0
											3.5	19.5	122	4.9	15.9	166	3.9	4.0	20	28	39	6.8
SUK29	Liquid Cap 60100 and 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					111	
		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
		2.1	16.7	133	3.2	33	170	3.9	38	194	6.3	28	300	7.0	51	315	6.0	3.0	23	29	38	9.1
		2.3	14.0	142	3.5	28	185	4.6	25	230	6.7	22	320				6.3	4.0	24	32	41	10.4
		2.4	11.4	149	4.2	13.6	220	4.9	18.5	245	7.0	17.8	335									
SUK30	Liquid Cap 40100 and 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					100	1
		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
		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	5.3	3.0	18	22	25	7.3
		1.8	3.9	62	3.2	5.5	91	3.9	6.4	105	6.0	4.9	157				6.3	4.0	19	24	30	9.4
		2.0	3.1	67	3.4	4.7	95	4.2	4.7	115	6.3	4.0	167							1		
SUK46	Liquid Cap 100150 and 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
		2.3	7.6	205	3.5	18.5	280	4.1	23	310	6.0	18.9	435			1	6.3	4.0	33	42	58	9.8
					3.7	14.8	290	4.2	18.9	320	6.3	13.6	460									
								4.4	15.9	335												

Standard Material: 316 stainless steel

Liquid Cap