



SFSS Pty Ltd
**FLUID SEALING
 AND SPRAY**

INDUSTRIAL FLUID SEALING & SPRAY SOLUTIONS

SFSS Pty Ltd
 PO BOX 4171 OATLEY WEST NSW 2223
 Unit 8/22-24 Norman St Peakhurst NSW 2210
 Ph. 02 9534 7740 Fax. 02 9534 7716
 ABN 41 137 238 692
www.sealandspray.com.au
sales@sealandspray.com.au

For urgent assistance call Gary: 0431 181 256

SA Series

Large Mass Atomising

Design

- Direct air and liquid eductor to produce fine atomisation.
- Gas cooling applications.

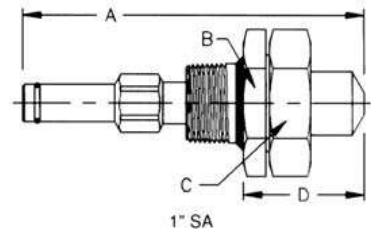
Specification

- Full cone fine atomisation
- Spray angle: 20° to 90°
- Inter-changeable tips

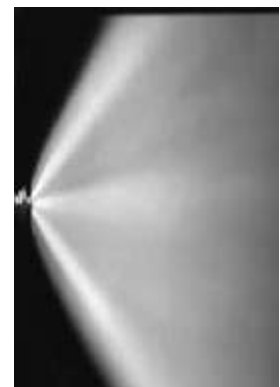


SA Spray Chart,

Pipe Size	Model	Spray Angle	Spray Type	Appr ox. Free Pass. Dia. (mm.)	Pipe Size	Dimensions (mm.)				Wt. (Kg.)
						A	B	C	D	
1"	SA 101	20°	Narrow Round	3.30	1	148	50.8	50.8	50.8	0.64
	SA 308 SA 310	90° 60°	Wide Round	2.69 2.69						
	SA 402 SA 404	90° 60°	Flat Fan	3.30 3.30						
	SA 103	20°	Narrow Round	3.30						
	SA 307 SA 309	90° 60°	Wide Round	3.30 3.30						
	SA 401 SA 403	90° 60°	Flat Fan	3.30 3.30						
1 1/2"	SA 2100	20°	Narrow Round	4.83	1 1/2	229	50.8	55.6	113	1.5
	SA 2310 SA 2303	90° 60°	Wide Round	4.65 4.65						



Narrow Round 20°



Full Cone 90°

Standard material : 316 stainless steel or C22 Hastelloy on request





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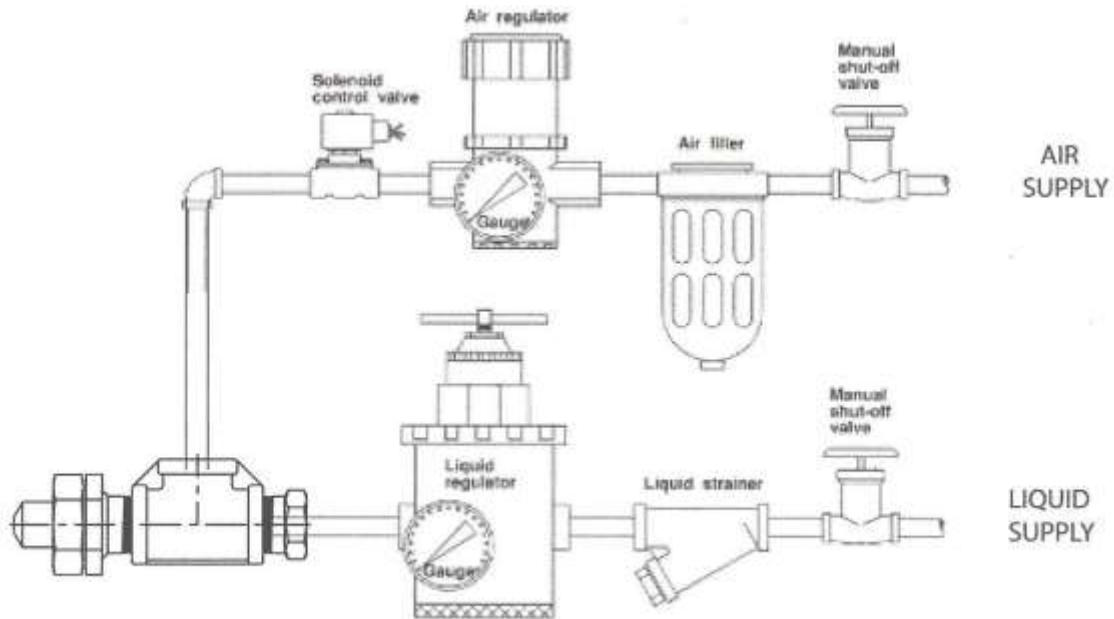
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SA Series Large Mass Atomising



Air Pressure and Liquid Pressure vs Flow rates Chart

Size NPT	Spiral Tip Rating	1,0 Bar Air			2,0 Bar Air			3,0 Bar Air			4,0 Bar Air			5,0 Bar Air			6,0 Bar Air			7,0 Bar Air								
		liquid [l/min]	liquid [bar]	air [m ³ /h]	liquid [l/min]	liquid [bar]	air [m ³ /h]	liquid [l/min]	liquid [bar]	air [m ³ /h]	liquid [l/min]	liquid [bar]	air [m ³ /h]	liquid [l/min]	liquid [bar]	air [m ³ /h]	liquid [l/min]	liquid [bar]	air [m ³ /h]	liquid [l/min]	liquid [bar]	air [m ³ /h]						
1/4"	14	2	0.9	25.0	2	1.9	41.8	2	2.8	60.2	2	3.7	66.3	2	4.6	108	2	5.7	137	2	6.4	148	2	7.1	159	2	7.8	170
		3	0.9	20.2	3	1.9	33.8	3	2.8	56.8	3	3.8	79.8	3	4.7	103.9	3	5.7	138	3	6.3	146	3	6.9	154			
		4	1.0	17.3	4	2.0	29.1	4	2.9	50.8	4	3.8	73.8	4	4.8	100.9	4	5.9	123	4	6.5	134	4	7.1	145			
		5	2.0	26.8	5	3.0	45.8	5	3.9	64.8	5	4.8	82.8	5	5.9	110	5	6.6	117	5	7.2	124						
		6	2.1	24.4	6	3.0	41.2	6	3.9	57.9	6	4.9	78.3	6	6.1	100	6	6.7	112	6	7.3	124						
		7	2.1	21.9	7	3.0	36.5	7	4.0	53.2	7	5.0	69.9	7	6.2	94.9	7	6.8	107	7	7.4	119						
		8	3.1	35.4	8	4.1	49.9	8	5.1	65.2	8	6.1	81.9	8	7.2	97.9	8	7.8	109	8	8.4	121						
	20	9	4.1	41.0	9	5.1	56.5	9	6.1	72.0	9	7.1	87.5	9	8.2	103.0	9	8.8	114	9	9.4	125						
		10	4.2	45.3	10	5.2	61.0	10	6.2	76.5	10	7.2	92.0	10	8.3	107.5	10	8.9	118	10	9.5	129						
		11	4.4	49.6	11	5.4	66.5	11	6.4	82.0	11	7.4	97.5	11	8.5	113.0	11	9.1	124	11	9.7	135						
		12	4.4	44.9	12	5.4	61.0	12	6.4	76.5	12	7.4	92.0	12	8.5	107.5	12	9.1	118	12	9.7	129						
		13	4.4	40.2	13	5.4	56.5	13	6.4	72.0	13	7.4	87.5	13	8.5	103.0	13	9.1	114	13	9.7	125						
1"	20	4	0.2	34.9	4	1.3	64.4	4	2.4	93.7	4	3.2	117	4	4.0	148	4	4.8	181	4	5.5	214	4	6.2	247			
		8	0.8	24.3	8	1.7	45.3	8	2.5	68.1	8	3.5	91.0	8	4.4	114	8	5.2	139	8	6.0	163						
		11	1.9	35.8	11	2.9	58.3	11	3.8	81.0	11	4.8	103.7	11	5.8	126.4	11	6.7	149.1	11	7.6	171.8						
		15	3.0	25.8	15	3.0	45.8	15	3.9	65.7	15	4.8	85.2	15	5.8	104.7	15	6.7	124.2	15	7.6	148.7						
		19	2.2	23.8	19	3.1	39.8	19	4.1	59.7	19	5.0	79.2	19	6.0	98.7	19	6.9	118.2	19	7.8	137.7						
		23	2.4	21.8	23	3.1	36.7	23	4.2	51.8	23	5.1	67.2	23	6.1	82.7	23	7.0	98.2	23	7.9	113.7						
	28	26	3.5	31.8	26	4.4	46.9	26	5.4	62.0	26	6.4	77.0	26	7.4	92.0	26	8.4	107.0	26	9.4	122.0						
		30	4.5	42.9	30	5.4	58.0	30	6.4	73.0	30	7.4	88.0	30	8.4	103.0	30	9.4	118.0	30	10.4	133.0						
		34	4.7	37.0	34	5.6	52.0	34	6.6	67.0	34	7.6	82.0	34	8.6	97.0	34	9.6	112.0	34	10.6	127.0						
		38	5.0	32.4	38	5.9	47.4	38	6.9	62.4	38	7.9	77.4	38	8.9	92.4	38	9.9	107.4	38	10.9	122.4						
		40	5.1	28.3	40	6.0	42.8	40	7.0	58.2	40	8.0	73.6	40	9.0	88.4	40	10.0	103.6	40	11.0	118.8						
		45	3.2	60.0	45	4.2	97.4	45	5.2	134.8	45	6.2	172.2	45	7.2	209.6	45	8.2	247.0	45	9.2	284.4						
1 1/2"	28	50	3.3	81.8	50	4.2	98.4	50	5.2	115.4	50	6.2	132.4	50	7.2	149.4	50	8.2	166.4	50	9.2	183.4						
		55	3.4	55.5	55	4.3	60.7	55	5.3	76.0	55	6.3	91.3	55	7.3	106.6	55	8.3	121.9	55	9.3	137.2						
		60	3.5	48.1	60	4.4	51.2	60	5.4	63.7	60	6.4	76.4	60	7.4	89.1	60	8.4	101.8	60	9.4	114.5						
		65	3.6	43.1	65	4.5	46.3	65	5.5	58.9	65	6.5	71.6	65	7.5	84.3	65	8.5	97.0	65	9.5	109.7						
		70	3.8	37.5	70	4.8	40.2	70	5.8	52.7	70	6.8	65.4	70	7.8	78.1	70	8.8	90.8	70	9.8	103.5						
		75	4.0	32.1	75	5.0	34.6	75	6.0	47.1	75	7.0	59.6	75	8.0	72.1	75	9.0	84.6	75	10.0	97.1						
80	4.2	27.1	80	5.2	29.6	80	6.2	41.1	80	7.2	53.6	80	8.2	66.1	80	9.2	78.6	80	10.2	91.1								

Standard Material: 316 stainless steel