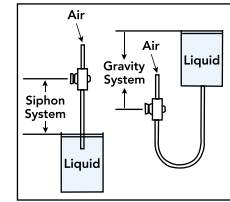
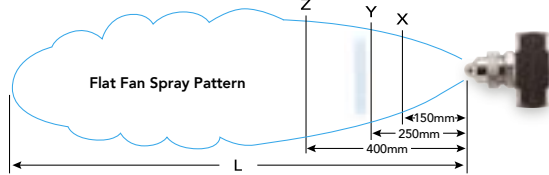


# D SERIES - AIR ATOMISING NOZZLE

## Nozzle Features

The D series flat fan and full cone siphon / gravity fed internally mixed air atomising nozzles produce very fine spray particles in spray angles of approximately 10° to 85°.

The siphon / gravity fed system draws / feeds the supply of liquid once the compressed air is initiated. It is then mixed internally in the chamber producing a spray pattern.



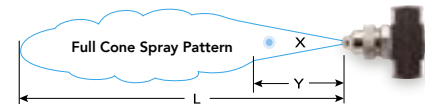
## Performance Data

### FLAT FAN SPRAY - GRAVITY & SIPHON METHOD

SPRAY ASM	FLUID TIP & AIR CAP	Air (BarG)	Air Flow (m³/h)	FLOW RATE (l/PH)								Coverage @ 200mm Siphon Height				
				GRAVITY METHOD				SIPHON METHOD				Air (BarG)	X (mm)	Y (mm)	Z (mm)	L (mm)
				450mm	300mm	150mm	100mm	200mm	300mm	600mm	900mm					
SA-G2	FT39 & AC531	0.7	1.68	1.3	1.2	1.1	1.0	1.0	0.8	0.6	0.5	0.7	200	260	380	2.1
		1.5	2.58	1.2	1.1	1.0	0.9	0.9	0.8	0.7	0.5	1.5	210	290	380	2.1
		2.0	3.0	0.8	0.8	0.7	0.6	0.5	-	-	-	2.0	230	300	380	1.8
SA-G3D	FT46 & AC543	1.5	3.36	3.7	3.5	3.3	2.9	2.8	2.5	2.3	2.1	1.5	230	320	380	2.7
		2.0	3.9	3.4	3.3	3.1	2.8	2.7	2.6	2.4	2.2	2.0	240	340	420	2.7
		3.0	5.22	2.8	2.7	2.5	2.4	2.2	2.1	1.9	1.7	3.0	270	370	460	3.0
		4.0	6.6	1.9	1.8	1.6	1.5	1.3	1.2	-	-	4.0	280	390	480	2.7
SA-G4C	FT51 & AC546	1.5	4.08	5.1	4.8	4.5	3.8	3.7	3.5	3.0	2.4	1.5	190	230	270	3.4
		2.0	4.68	4.9	4.7	4.4	3.6	3.4	3.2	2.9	2.3	2.0	200	250	280	3.4
		3.0	6.18	3.4	3.2	3.0	2.2	2.0	1.7	3.0	-	-	220	270	300	3.0
		3.5	7.02	2.2	2.0	1.7	-	-	-	-	-	-	-	-	-	-
SA-G5C	FT51 & AC511	1.5	3.78	7.6	7.2	6.6	5.7	5.4	5.1	4.6	3.7	1.5	170	220	270	3.4
		2	4.38	7.6	7.3	6.8	5.9	5.7	5.5	5.0	4.2	2.0	180	230	290	3.4
		3	5.76	6.4	6.1	5.7	5.0	4.5	4.1	3.3	-	3.0	200	270	330	3.4
		3.5	6.6	4.2	3.7	3.2	2.6	-	-	-	-	-	-	-	-	-

## Performance Data

### FULL CONE SPRAY - GRAVITY & SIPHON METHOD



SPRAY ASM	FLUID TIP & AIR CAP	Air (BarG)	Air Flow (m³/h)	FLOW RATE (l/PH)								Coverage @ 200mm Siphon Height			
				GRAVITY METHOD				SIPHON METHOD				Air (BarG)	Spray Angle X (deg)	Y (mm)	L (mm)
				450mm	300mm	150mm	100mm	200mm	300mm	600mm	900mm				
SA-2B	FT27 & AC75	0.7	0.66	1.5	1.3	1.1	0.9	0.7	0.5	-	-	0.7	18	280	1.8
		1.5	1.02	1.8	1.7	1.5	1.3	1.2	1.1	0.6	-	1.5	18	280	1.9
		3.0	1.68	2.1	1.9	1.7	1.5	1.4	1.3	1.1	0.8	3.0	18	300	2.3
		4.0	2.16	2.2	2.0	1.8	1.6	1.5	1.4	1.2	0.9	4.0	18	360	2.6
SA-2	FT31 & AC75	0.7	0.78	2.4	2.1	1.7	1.5	1.2	0.8	-	-	0.7	18	300	2.1
		1.5	1.2	2.8	2.6	2.4	2.1	1.9	1.6	0.9	-	1.5	18	330	2.3
		3.0	1.92	3.4	3.1	2.9	2.8	2.6	2.4	1.7	1.1	3.0	18	380	2.6
		4.0	2.46	3.7	3.4	3.3	3.1	2.9	2.7	2.1	1.5	4.0	19	430	3
SA-3B	FT31 & AC81	0.7	1.38	2.5	2.3	2.0	1.6	1.4	1.1	-	-	0.7	18	300	2.4
		1.5	2.16	2.9	2.8	2.5	2.2	2.0	1.7	0.9	-	1.5	18	330	2.7
		3.0	3.48	3.4	3.3	3.2	2.9	2.8	2.5	1.9	1.2	3.0	19	380	3.4
		4.0	4.44	3.7	3.6	3.5	3.4	3.3	3.0	2.5	2.0	4.0	20	430	4
SA-3	FT39 & AC81	0.7	1.14	4.5	4.0	3.4	21.0	1.8	1.4	-	-	0.7	21	380	3
		1.5	1.86	5.3	4.9	4.4	3.5	2.9	2.7	1.8	-	1.5	21	410	3.4
		3.0	3.0	6.0	5.6	5.0	4.4	4.0	3.4	2.4	1.2	3.0	21	460	4
		4.0	3.9	5.7	5.4	5.0	4.2	3.9	3.5	2.8	1.9	4.0	22	510	4.6
SA-5	FT71 & AC231	1.5	3.48	22.0	19.9	16.3	12.3	10.5	8.3	2.8	-	1.5	17	460	3.7
		3.0	5.28	25.0	23.0	19.5	16.7	14.2	11.5	6.4	2.8	3.0	18	510	4.3
		4.0	6.66	26.0	24.0	21.0	18.4	15.7	12.9	7.9	4.5	4.0	18	530	4.9
		5.6	8.82	26.0	24.0	22.0	19.7	17.0	14.6	9.8	6.1	5.6	19	580	5.5
SA-6	FT211 & AC291	2.0	8.64	-	-	-	27.0	22.0	16.8	-	-	2.0	20	510	6.7
		3.0	11.4	-	-	-	30.0	26.0	21.0	-	-	3.0	20	530	7
		-	14.4	-	43.0	40.0	31.0	28.0	23.0	11.0	-	4.0	21	580	7.6
		5.6	18.9	44.0	42.0	39.0	31.0	28.0	24.0	16.7	8.3	5.6	22	630	8.2

Ordering Example • 1/4-D-316SS-SA3B

Available Materials • ENPB, 303ss, 316ss

- Other materials available on request.