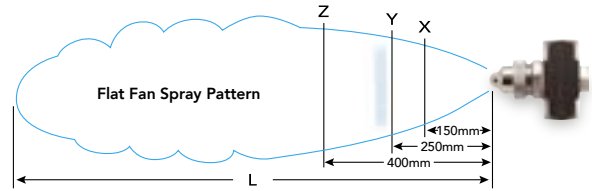


D SERIES - AIR ATOMISING NOZZLE

Nozzle Features

The D series flat fan internally mixed atomising nozzles produce fine spray particles in spray angles of approximately 75° to 90°.

The pressure method system allows the supply of liquid to the fluid tip under pressure. The liquid is then mixed internally in a chamber with compressed air in order to produce a flat fan spray pattern.



Performance Data

FLAT FAN SPRAY - PRESSURE METHOD

SPRAY ASM	FLUID TIP & AIR CAP	FLOW RATE (l/PH)															SPRAY COVERAGE						
		Water - 0.7 BarG			Water - 1.5 BarG			Water - 2.0 BarG			Water - 3.0 BarG			Water - 4.0 BarG			Air (BarG)	Water (BarG)	X (mm)	Y (mm)	Z (mm)	L (mm)	
		Air (BarG)	Water (LPH)	Air (m³/h)	Air (BarG)	Water (LPH)	Air (m³/h)	Air (BarG)	Water (LPH)	Air (m³/h)	Air (BarG)	Water (LPH)	Air (m³/h)	Air (BarG)	Water (LPH)	Air (m³/h)							
SA-24B	FT31 & AC439	0.7	5.5	1.44	1.3	9.1	1.86	2.0	8.6	2.52	2.7	11.2	3.12	3.9	12.0	4.14	1.1	0.7	250	360	460	2.6	
		0.9	4.7	1.62	1.5	7.7	2.16	2.2	7.5	2.82	3	10.1	3.36	4.6	9.7	4.86	2.1	1.5	360	480	660	3.0	
		1.0	4.1	1.86	1.8	6.5	2.52	2.5	6.2	3.12	3.2	9.1	3.72	5.3	7.5	5.58	2.8	2.0	380	530	760	3.2	
		1.1	3.5	2.04	2.1	5.4	2.82	2.8	5.2	3.42	3.5	8.1	3.96	6.0	5.3	6.24	3.5	3.0	470	610	860	3.4	
		1.3	3.0	2.22	2.4	4.3	3.12	3.1	4.2	3.78	4.2	5.4	4.74	6.3	4.3	6.6	6.0	4.0	560	740	940	4.0	
		1.4	2.5	2.4	2.7	3.3	3.42	3.2	3.7	3.9	4.6	4.2	5.1	6.7	3.3	6.96	-	-	-	-	-	-	-
SA-24	FT39 & AC439	0.9	8.2	1.2	1.4	14.4	1.62	2.1	13.5	2.16	2.7	19.1	2.52	4.6	16.1	4.14	-	-	-	-	-	-	
		1.0	6.8	1.38	1.7	11.9	1.92	2.4	11.4	2.52	3.0	17.1	2.76	4.9	13.8	4.56	1.1	0.7	360	460	710	2.1	
		1.1	5.5	1.62	2.0	9.5	2.22	2.7	9.2	2.82	3.2	15.1	3.12	5.3	11.5	4.98	2.1	1.5	430	610	810	2.4	
		1.3	4.1	1.8	2.1	8.3	2.4	3.0	7.1	3.18	3.5	13.1	3.42	5.6	9.3	5.4	3.0	2.0	510	660	890	2.6	
		1.4	2.9	2.04	2.2	7.1	2.58	3.2	5.0	3.54	4.2	8.1	4.32	6.0	7.3	5.82	3.5	3.0	580	760	970	2.7	
		-	-	-	2.4	6.1	2.76	3.4	4.0	3.78	4.6	5.9	4.74	6.3	5.6	6.24	5.6	4.0	580	760	970	3.2	
SA-O24	FT39 & AC446	-	-	-	2.5	5.1	2.94	3.5	3.3	3.96	4.9	4.0	5.16	6.7	4.3	6.72	-	-	-	-	-	-	
		1.0	9.0	1.5	2.0	10.4	2.46	2.4	11.6	2.88	3.1	15.6	3.36	4.2	17.1	4.38	1.4	0.7	100	130	170	3	
		1.1	7.8	1.8	2.1	9.3	2.7	2.5	10.4	3.06	3.2	14.6	3.54	4.6	15.0	4.8	2.5	1.5	130	150	200	3.7	
		1.3	6.6	1.92	2.2	8.2	2.88	2.7	9.4	3.24	3.4	13.7	3.72	4.9	12.8	5.22	3.2	2.0	130	170	220	4.0	
		1.4	5.2	2.16	2.5	6.1	3.3	3.0	7.3	3.66	3.8	10.8	4.26	5.3	11.0	5.64	3.8	3.0	150	220	280	4.2	
		1.7	3.1	2.64	2.8	4.3	3.72	3.2	5.5	4.08	4.2	8.5	4.92	5.6	9.4	6.18	5.3	4.0	200	250	330	4.8	
SA-25	FT39 & AC431	2.0	2.0	3.0	3.1	3.0	4.14	3.5	4.1	4.5	4.9	5.2	5.88	6.3	7.2	7.14	-	-	-	-	-	-	
		2.2	1.1	3.36	3.4	2	4.5	3.8	2.9	4.86	6.0	2.3	7.2	7.0	6.1	8.04	-	-	-	-	-	-	
		1.3	3.9	1.8	2.1	7.4	2.4	3	6.1	3.12	3.9	9.4	3.6	5.3	10.2	4.68	1.5	0.7	250	330	460	1.8	
		1.4	3.0	1.98	2.4	5.3	2.7	3.1	5.3	3.24	4.2	7.2	4.02	5.6	8.3	5.04	2.7	1.5	360	510	690	2.0	
		1.5	2.3	2.1	2.5	4.4	2.82	3.2	4.5	3.42	4.6	5.3	4.38	6.0	6.6	5.34	3.2	2.0	480	580	740	2.0	
		1.7	1.8	2.28	2.7	3.7	3.0	3.4	3.8	3.54	4.9	3.8	4.8	6.3	5.1	5.88	4.2	3.0	610	740	940	2.1	
SA-O34	FT71 & AC6451	1.8	1.3	2.46	2.8	3.1	3.12	3.5	3.2	3.72	-	-	-	-	-	-	5.6	4.0	640	760	970	2.3	
		2.0	1.0	2.64	3.0	2.6	3.3	3.9	1.8	4.08	-	-	-	-	-	-	-	-	-	-	-	-	
		-	-	-	3.1	2.1	3.42	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
		1.0	17	1.38	2.0	24	2.64	2.4	28.0	3.06	3.4	38.0	4.32	3.9	65	4.5	1.1	0.7	100	130	150	2.4	
		1.1	11	1.62	2.1	18.9	3.0	2.5	23.0	3.54	3.5	33.0	4.8	4.2	53	5.34	2.1	1.5	100	130	170	3.0	
		1.3	7.6	1.98	2.2	14.4	3.36	2.7	18.9	3.96	3.7	28.0	5.34	4.6	40.0	6.48	2.8	2.0	130	170	220	3.4	
SA-O34C	FT51 & AC6439	1.4	3.2	2.4	2.4	10.6	3.78	2.8	15.1	4.44	3.8	23.0	5.82	4.9	30.0	7.62	3.7	3.0	150	200	280	3.6	
		-	-	-	2.5	7.2	4.26	3.0	11.7	4.74	3.9	19.7	6.3	5.3	21.0	8.94	4.9	4.0	200	250	350	4.0	
		-	-	-	-	-	-	-	-	-	4.2	13.1	7.2	5.6	13.8	10.4	-	-	-	-	-	-	
		-	-	-	-	-	-	-	-	-	4.6	7.2	8.28	6.3	3.2	13.5	-	-	-	-	-	-	-
		1.1	11.2	3.24	2.1	18.0	4.74	2.7	19.6	5.58	3.5	27.0	6.72	4.6	33.0	8.22	1.4	0.7	150	180	200	3	
		1.3	8.5	3.6	2.2	15.8	5.04	2.8	17.3	5.88	3.7	25.0	6.96	4.9	28.0	8.94	2.4	1.5	230	280	330	3.2	
SA-34	FT71 & AC6439	1.4	6.5	3.9	2.4	13.6	5.34	3.0	15.2	6.18	3.8	23.0	7.26	5.3	24.0	9.66	3.0	2.0	250	330	400	3.4	
		1.5	5.0	4.26	2.5	11.6	5.7	3.1	13.2	6.54	3.9	21.0	7.56	5.6	19.7	10.4	3.7	3.0	300	380	460	3.5	
		1.7	3.8	4.62	-	-	-	3.2	11.4	6.84	4.1	18.9	7.92	6.0	15.7	11.2	5.3	4.0	330	410	480	4.0	
		-	-	-	-	-	-	-	-	-	4.2	17.0	8.22	6.3	12.4	12.0	-	-	-	-	-	-	
		0.9	27.0	1.98	1.8	38.0	3.3	2.4	39.0	4.02	3.2	58.0	4.56	4.6	59.0	6.36	1.1	0.7	180	230	300	3.4	
		1.0	20.0	2.28	2.1	28.0	3.96	2.7	30.0	4.62	3.5	47.0	5.22	5.3	40.0	7.92	2.4	1.5	230	300	410	3.5	
SA-54	FT211 & AC9462	1.1	15.9	2.7	2.2	24.0	4.26	3.0	24.0	5.22	3.8	38.0	5.82	5.6	32.0	8.7	3.2	2.0	250	330	430	3.7	
		1.3	12.5	2.88	2.4	21.0	4.56	3.2	17.8	5.88	3.9	34.0	6.18	6.0	26.0	9.48	3.9	3.0	300	380	480	3.8	
		1.4	10.2	3.36	2.5	17.8	4.92	3.4	15.1	6.18	4.2	27.0	6.78	6.3	20.0	10.3	6.0	4.0	330	410	510	4.4	
		1.5	7.6	3.72	2.7	15.1	5.22	3.5	12.9	6.54	4.6	20.0	7.56	6.7	15.9	11.1	-	-	-	-	-	-	
		-	-	-	-	-	-	3.7	10.6	6.84	4.9	14.8	8.4	7.0	12.7	11.9	-	-	-	-	-	-	-
		1.0	29.0	5.4	1.8	56.0	7.02	2.1	100.0	7.14	3.0	126.0	8.4	4.1	140.0	10.9	1.0	0.7	180	200	250	3.4	

Ordering Example • 1/4-D-SS-SA54

Available Materials • ENPB, 303ss, 316ss

- Other materials available on request.