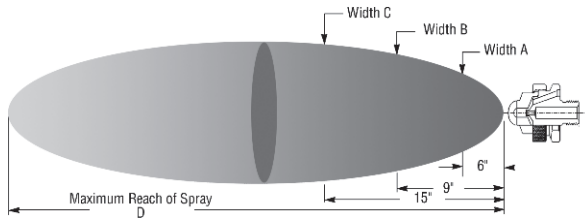


XA SF

Siphon-fed Flat Fan

DESIGN/SPRAY CHARACTERISTICS

- Lowest flow available
- Very fine atomization
- Flat fan spray pattern
- Moderate spray angle (60° - 85°)
- Moderate forward projection
- Siphon-fed



Dimensions are approximate. Check with BETE for critical dimension applications.

XA SF Set-up Flow Rates and Dimensions

Siphon-fed, Internal Mix, Flat Fan Spray Pattern, 1/8" and 1/4" Pipe Sizes

Pipe Size	Spray Set-up Number	Fluid and Air Cap Numbers	ATOMIZING AIR		Liquid Capacity in GPH (Gallons Per Hour)								Spray Dimensions at 8" Siphon Height					
			PSI air	Air Capacity SCFM	Gravity Head				Siphon Height				PSI air	"A" in	"B" in.	"C" in	"D" feet	
					18"	12"	6"	4"	8"	12"	24"	36"						
1/8 or 1/4	SF 050	Fluid Cap FC3 & Air Cap AC1101	10	1.0	0.4	0.3	0.3	0.3	0.3	0.3	0.2	0.2	0.1	10	8	11	15	7'0"
			20	1.4	0.3	0.3	0.3	0.3	0.3	0.3	0.2	0.2	0.2	20	9	12	15	7'0"
			30	1.8	0.2	0.2	0.2	0.1	0.1	0.2	0.2	0.2	0.2	30	9	12	15	6'0"
	SF 100	Fluid Cap FC6 & Air Cap AC1102	20	1.9	1.0	1.0	0.9	0.8	0.7	0.7	0.7	0.6	0.6	20	9	13	15	8'0"
			30	2.4	0.9	0.8	0.8	0.8	0.7	0.7	0.7	0.6	0.6	30	10	14	17	9'0"
			40	3.0	0.8	0.7	0.7	0.7	0.6	0.6	0.6	0.5	0.5	40	11	15	18	10'0"
	SF 150	Fluid Cap FC2 & Air Cap AC1103	20	2.3	1.4	1.3	1.2	1.0	1.0	0.9	0.8	0.6	0.6	20	8	9	11	10'0"
			30	2.9	1.3	1.2	1.1	0.9	0.9	0.8	0.7	0.6	0.6	30	8	10	11	11'0"
			40	3.5	1.0	0.9	0.9	0.7	0.6	0.5	0.4	0.4	0.4	40	9	11	12	10'0"
	SF 200	Fluid Cap FC2 & Air Cap AC1104	20	2.1	2.0	1.9	1.7	1.5	1.4	1.3	1.2	0.9	0.9	20	7	9	11	10'0"
			30	2.7	2.0	1.9	1.8	1.6	1.5	1.5	1.3	1.0	1.0	30	7	9	12	11'0"
			40	3.3	1.8	1.7	1.6	1.4	1.4	1.3	1.2	1.0	1.0	40	8	11	13	11'0"
50	3.9	1.1	1.0	0.9	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	0.7	

Standard Materials: Nickel Plated Brass, 303 Stainless Steel and 316 Stainless Steel.

Spray angle performance varies with pressure. Contact BETE for specific data on critical applications.



AIR ATOMIZING

CALL 413-772-0846
for the name of your nearest BETE representative.