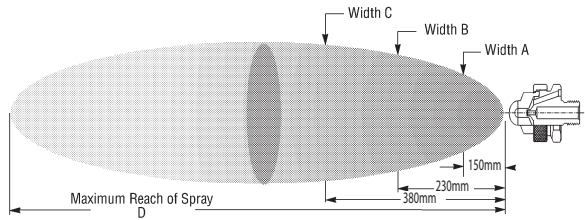


# XA SF

## Siphon-fed Flat Fan

### DESIGN/SPRAY CHARACTERISTICS

- Lowest flow available
- Very fine atomization
- Flat fan spray pattern
- Moderate spray angle (60° - 85°)
- Small 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, BSP or NPT

Pipe Size	Spray Set-Up Number	Fluid Cap and Air Cap Numbers	ATOMIZING AIR		Liquid Capacity in l/h (Liters Per Hour)								Spray Dimensions at 200 mm Siphon Height				
			Air (bar)	Air Capacity (Nm <sup>3</sup> /h)	Gravity Head			Siphon Height					Air (bar)	A (mm)	B (mm)	C (mm)	D (m)
					450 mm	300 mm	150 mm	100 mm	200 mm	300 mm	600 mm	900 mm					
1/8	SF 050	Fluid Cap FC3	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
		& Air Cap AC1101	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	3.00	0.8	0.8	0.7	0.6	0.5				2.0	230	300	380	1.8
	SF 100	Fluid Cap FC6	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
	& Air Cap AC1102	2.0	3.90	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	6.60	1.9	1.8	1.6	1.5	1.3	1.2			4.0	280	390	480	2.7	
1/4	SF 150	Fluid Cap FC2	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
		& Air Cap AC1103	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
	SF 200	Fluid Cap FC2	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
	& Air Cap AC1104	2.0	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	
		3.0	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	6.60	4.2	3.7	3.2	2.6										3.4

Standard Materials: Nickel-plated Brass, 303 Stainless Steel, and 316 Stainless Steel

AIR ATOMISING

TO ORDER: specify pipe size, body style, spray set-up #, hardware and mounting assemblies, and material. See page 78.