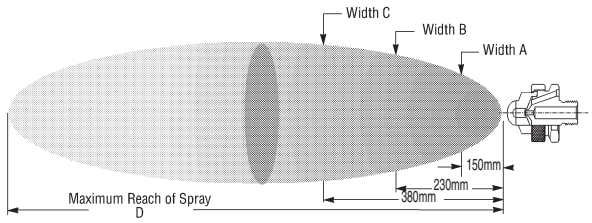
XA SF

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





1/4"XA02 SF 050 F
XA 02 Body; F Hardware

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 Air (bar)	ATOMIZING AIR Air Capacity (Nm^3/h)	Liquid Capacity in l/h (Liters Per Hour) Gravity Head 450 mm	Gravity Head **300 mm**	Gravity Head 150 mm	Siphon Height 100 mm	Siphon Height 200 mm	Siphon Height **300 mm**	Siphon Height 600 mm	Siphon Height 900 mm	Spray Dimensions at 200 mm Siphon Height Air (bar)	A (mm)	B (mm)	C (mm)	D (m)
1/8 or 1/4	SF 050	Fluid Cap FC3 & Air Cap AC1101	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	3.00	0.8	**0.8**	0.7	0.6	0.5				2.0	230	300	380	1.8
	SF 100	Fluid Cap FC6 & Air Cap AC1102	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	3.90	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
	SF 150	Fluid Cap FC2 & Air Cap AC1103	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										
	SF 200	Fluid Cap FC2 & Air Cap AC1104	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
			2.0	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									

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

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