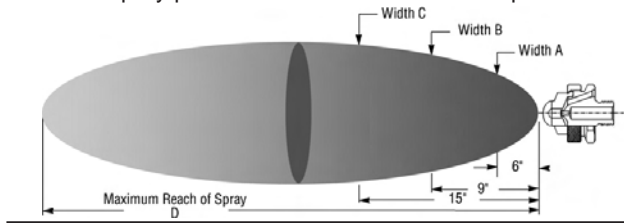


XA SF

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



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

| 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 | | | | | 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 | 0.8 | 0.8 | 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 | 0.6 | 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 | 0.5 | 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 | 0.9 | 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 | 0.7 | 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 | 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 | 1.3 | 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 | | | | | | | | | | | | | | |

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

TO ORDER: specify spray set-up #, pipe size, body style, hardware and mounting assemblies, and material. See page 76.