



**SFSS Pty Ltd**  
**FLUID SEALING  
 AND SPRAY**

INDUSTRIAL FLUID SEALING & SPRAY SOLUTIONS

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# SFA Series

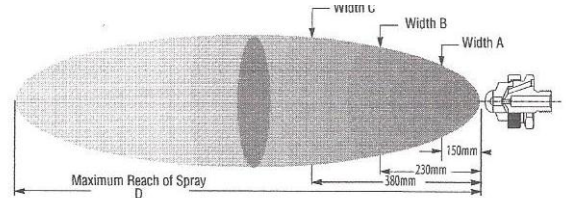
## Air/ Liquid Atomizing

### DESIGN FEATURES

- Low flow internally mixed
- Very fine atomization
- Full cone, Hollow or flat tip selection

### SPRAY CHARACTERISTICS

- Spray ANGLE 60°
- Small forward projection
- Siphon fed or gravity fed



### Flow rates and dimensions

Siphon Fed, Internal Mix,

1/8" and 1/4" Pipe Sizes, BS P or NPT

| Pipe Size        | Part Number | ATOMIZING AIR |                               | Liquid Capacity in l/h (Liters Per Hour) |        |        |               |        |        |        |        | Spray Dimensions at 200 mm Siphon Height |        |        |        |       |
|------------------|-------------|---------------|-------------------------------|--|--------|--------|---------------|--------|--------|--------|--------|--|--------|--------|--------|-------|
|                  |             | Air (bar)     | 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<br>or<br>1/4 | SFA 050     | 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   |
|                  | SFA 100     | 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   |
|                  | SFA 150     | 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    |               |        |        |        |        |  |        |        |        |       |
|                  | SFA 200     | 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: Brass, 303 Stainless Steel and 316 Stainless Steel.