

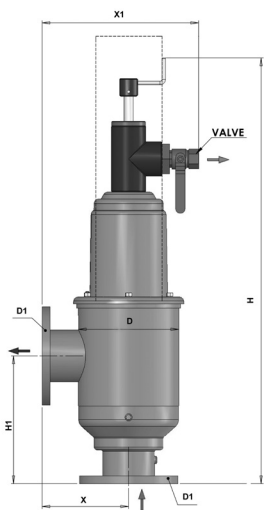
SA500C and SA500L Right Angle Semi Automatic Suction Screen Filter

Application

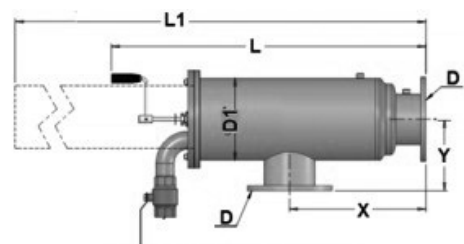
The SA500C is used in a wide range of applications in the Industrial, Municipal, Commercial and Agricultural sectors. Commonly used as a primary or secondary filter for sprinkler, drip, mini, and micro irrigation systems.

Features

- Filter housing material of construction: Carbon Steel ST37.2
- Pre-treatment: sand blasting up to Sa 2.5 grade
- Exterior & Interior coating: electrostatic oven baked polyester-epoxy powder coating with a thickness of 150-200 micron
- Minimum operating pressure: 100 kPa
- Maximum operating pressure: 1000 kPa
- Maximum working temperature: 65°C
- Manually operated flush valve
- Manually rotated suction scanner
- Standard 80 mesh (200 micron) or 120 mesh (120 micron) screen
- Screen made from 316 stainless steel
- Low flush rates, 6-10 m³/h (SA500C), 40 m³/h (SA500L)



Model SA500C



Model SA500L

SA500C Series Technical Data

| Model | In/Out D (mm/inch) | D1 (mm/inch) | X (mm) | X1 (mm) | Y (mm) | H (mm) | H1 (mm) | Maximum Flow Rate* (m ³ /h) | Flush Valve (mm BSPF) | Shipping Weight (kg) |
|--------|--------------------|--------------|--------|---------|--------|--------|---------|--|-----------------------|----------------------|
| SA502C | 50/2 | 150/6 | 123 | 270 | 174 | 590 | 637 | 25 | 15 | 12 |
| SA503C | 3/80 | 150/6 | 164 | 307 | 197 | 790 | 849 | 45 | 20 | 24 |
| SA504C | 100/4 | 200/8 | 190 | 343 | 280 | 933 | 980 | 80 | 25 | 30 |

SA500L Series Technical Data

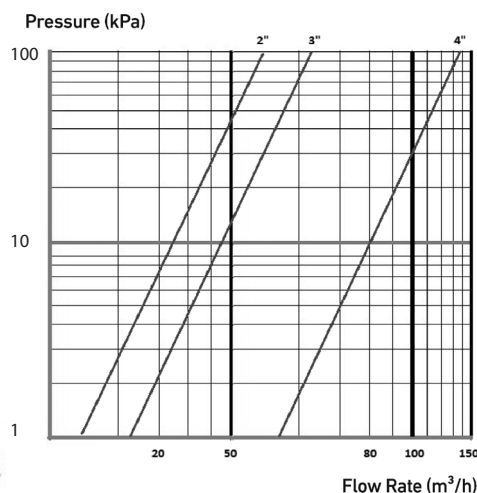
| Model | In/Out D (mm/inch) | D1 (mm/inch) | X (mm) | Y (mm) | L (mm) | L1 (mm) | Maximum Flow Rate* (m ³ /h) | Flush Valve (mm BSPF) | Shipping Weight (kg) |
|--------|--------------------|--------------|--------|--------|--------|---------|--|-----------------------|----------------------|
| SA506L | 150/6 | 250/10 | 450 | 237 | 1163 | 1800 | 150 | 50 | 102 |
| SA508L | 200/8 | 250/10 | 550 | 237 | 1361 | 2200 | 250 | 50 | 119 |

Ordering Information

| Code | Description |
|------------|---|
| SA502C-80 | 2" BSPF, 80 Mesh, 25 m ³ /hr* |
| SA502C-120 | 2" BSPF, 120 Mesh, 25 m ³ /hr* |
| SA502C-200 | 2" BSPF, 200 Mesh, 25 m ³ /hr* |
| SA503C-80 | 3" BSPF, 80 Mesh, 45 m ³ /hr* |
| SA503C-120 | 3" BSPF, 120 Mesh, 45 m ³ /hr* |
| SA504C-80 | 4" Flanged, 80 Mesh, 80 m ³ /hr* |
| SA504C-120 | 4" Flanged, 120 Mesh, 80 m ³ /hr* |
| SA506L-80 | 6" Flanged, 80 Mesh, 150 m ³ /hr* |
| SA506L-120 | 6" Flanged, 120 Mesh, 150 m ³ /hr* |
| SA508L-80 | 8" Flanged, 80 Mesh, 250 m ³ /hr* |
| SA508L-120 | 8" Flanged, 120 Mesh, 250 m ³ /hr* |

* Based on 10 kPa pressure loss (clean). Derate for dirty water.

Semi Automatic Filters - Series SA500C Pressure Loss Graph



Semi Automatic Filters - Series SA500L Pressure Loss Graph

