



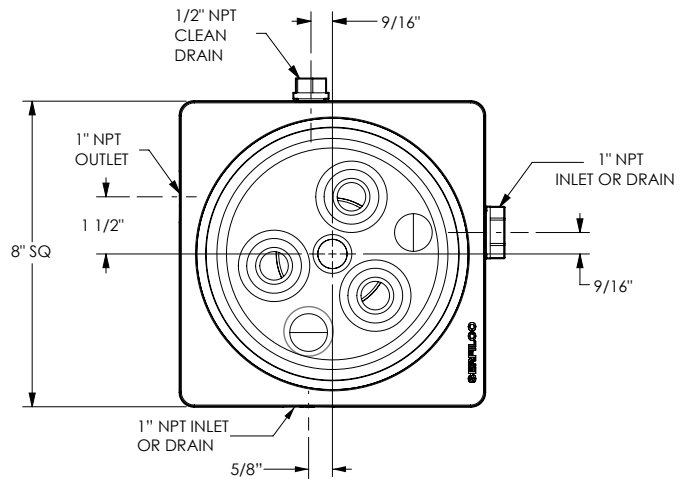
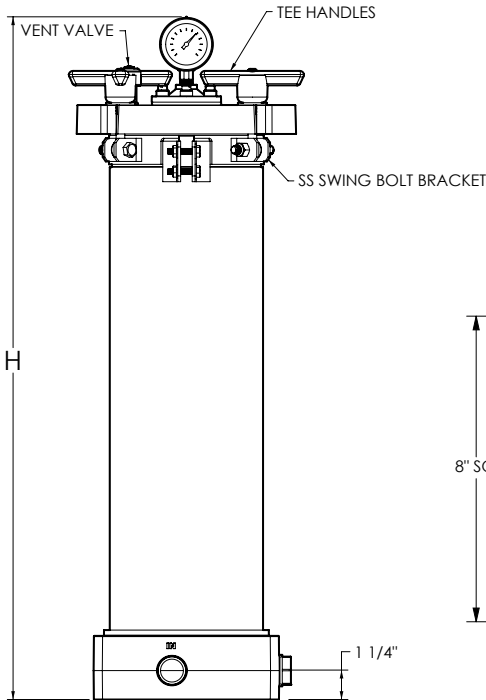
TECHNICAL INFORMATION

| FLOW RATE vs. PRESSURE DIFFERENTIAL ¹ | | |
|--|-------------------|-------------------|
| CONNECTION SIZE | @ 5 PSI | @ 15 PSI |
| 1" NPT | 30 GPM 114 LPM | 58 GPM 220 LPM |

¹With 15 Micron Depth Wound Cartridges

| MAX. PSI PRESSURE AT OPERATING TEMPERATURE. | | | | | | |
|---|----------------|-----------------|----------------|-----------------|----------------|----------------|
| TEMP. | PVC | | CPVC | | PVDF | PP |
| | w/ cover plate | w/o cover plate | w/ cover plate | w/o cover plate | w/ cover plate | w/ cover plate |
| 70°F | 135 | 100 | 135 | 100 | 120 | 50 |
| 100°F | 100 | 85 | 110 | 85 | 95 | 45 |
| 120°F | 65 | 55 | 90 | 65 | 80 | 40 |
| 140°F | 35 | 30 | 70 | 50 | 70 | 35 |
| 170°F | - | - | 45 | 30 | 55 | 15 |
| 200°F | - | - | 25 | 20 | 45 | - |

See Option for Cover Reinforcing Plate



| SERIES 'S' CHAMBERS | | | | | | | |
|---------------------|------------------|------------------------|--------------------------------|-----|------|------|-------------|
| CHAMBER | | | CARTRIDGES - Max Diameter 2.7" | | | | |
| SIZE | HEIGHT 'H' (in.) | SHIPPING WEIGHT (lbs.) | SIZE & NUMBER | | | | SOLIDS AREA |
| | | | 10" | 20" | 30" | 40" | |
| 30(1) | 19-1/2 | 13 | 3 | - | - | - | 10.5 |
| 60(2) | 29-1/2 | 25 | 6 or 3 | - | - | - | 21.0 |
| 90(3) | 39-1/2 | 38 | 9 | - | or 3 | - | 31.5 |
| 120(4) | 49-1/2 | 50 | 12 or 6 | - | - | or 3 | 42.0 |

OPTIONAL EQUIPMENT

| TO ORDER | DESCRIPTION | ADD to MODEL NO. | ADD TO PRICE CODE NO. |
|---------------------------|--|------------------------|-----------------------|
| FKM Elastomers | FKM elastomers. | Change L to V in model | -V |
| Mounting Bracket | PVC 11" x 8" x 1" (279 x 203 x 25mm) | Use prefix S | 88-0556-1 |
| Reinforcing Plate | For PL and CL models. (Comes standard on KL & PPL Models) | - | 88-0597 |
| 222 O-Ring Cartridge Seat | For SOE (single open and flat top) Cartridges (2.7" max dia.) Top seats, springs and cross posts not furnished. | -2 | -2 |
| Flange Connections. | 1" Flanges on Inlet and Outlet. | -F | -F |