



## SERIES 'YW' FILTER CHAMBERS



### FOR HIGH FLOW RATE APPLICATIONS WATER , CHEMICAL, PETROLEUM

- **Flow rates to 13,000 GPM**  
(49,200 LPM)
- **Choice of construction**
  - Carbon steel
  - Rubber lined carbon steel
  - Stainless steel
- **ASME code design**
- **Pressure to 300 psi**
- **Flanged drain and vent ports**
- **Davit cover lift standard**
- **2-part epoxy paint on carbon steel**

SERFILCO Series 'YW' filter chambers are designed to meet the unique requirements of the municipal and desalination markets. They provide high flow rates to 13,000 GPM for pre-filtration ahead of reverse osmosis membranes and are designed for use with either double open end or single open end filter cartridges.

Chambers for use with salt water are typically manufactured of rubber lined steel with non-metallic internal components, however all carbon steel or stainless steel chambers are also available depending on the application. All chambers are designed and manufactured to meet specification requirements including ASME code, with or without code stamp, and pressures from 75 psi to 300 psi as required.

### CHAMBER CAPABILITIES

| MODEL <sup>1</sup> | CHAMBER DIAMETER (in) | FLANGE SIZE (in) | NUMBER OF COLUMNS | TOTAL NUMBER OF 10" CARTRIDGES <sup>2</sup> | MAXIMUM FLOW (GPM) | PRICE CODE NO. |
|--------------------|-----------------------|------------------|-------------------|---|--------------------|----------------|
| YWR 4450-10        | 32                    | 10               | 89                | 445   | 2225               | 78-0600        |
| YWR 5300-10        | 36                    | 10               | 106               | 530   | 2650               | 78-0601        |
| YWR 7900-12        | 42                    | 12               | 158               | 790   | 3950               | 78-0602        |
| YWR 10950-14       | 48                    | 14               | 219               | 1095  | 5475               | 78-0603        |
| YWR 13500-16       | 54                    | 16               | 270               | 1350  | 6750               | 78-0604        |
| YWR 16800-18       | 60                    | 18               | 336               | 1680  | 8400               | 78-0605        |
| YWR 20800-20       | 66                    | 20               | 416               | 2080  | 10400              | 78-0606        |
| YWR 26000-24       | 72                    | 24               | 520               | 2600  | 13000              | 78-0607        |

<sup>1</sup> Rubber lined steel chamber

<sup>2</sup> Using 50" length, 2 1/2" diameter cartridges  
Specifications subject to change without notice



# AVAILABLE MEDIA

## MEDIA USED PER CHAMBER / SYSTEM

| TYPE     | FLOW RATE (GPH) | DOE CARTRIDGE | SOE CARTRIDGE | DISC | BAG | CARBON | Ø6" PLEATED CARTRIDGES |
|----------|-----------------|---------------|---------------|------|-----|--------|------------------------|
| 'L'      | 10 to 59        | ✓             | ✓             |      | ✓   | ✓      |                        |
| 'S'      | Up to 68        | ✓             | ✓             | ✓    | ✓   | ✓      |                        |
| 'G'      | Up to 125       | ✓             | ✓             | ✓    | ✓   | ✓      |                        |
| 'JM'     | 2,200 to 5,400  | ✓             | ✓             | ✓    | ✓   | ✓      | ✓                      |
| 'HM'     | Up to 3,200     |               | ✓             |      |     |        | ✓                      |
| 'PLB'    | Up to 9,000     |               | ✓             |      |     |        | ✓                      |
| 'FM'     | 5,400 to 9,400  | ✓             | ✓             | ✓    |     | ✓      | ✓                      |
| MEGA FLO | 6,000 to 30,000 | ✓             | ✓             | ✓    |     | ✓      | ✓                      |
| GUARDIAN | 3,500 to 8,500  | ✓             | ✓             | ✓    | ✓   | ✓      | ✓                      |



'L'



'S'



'G'



'JM'



'HM'



'PLBHE'



'FM'



'MEGA-FLO'



'GUARDIAN'