

**WATER TREATMENT / D.I. WATER
R.O. & U.F. PREFILTER
BRACKISH WATER/SEA WATER
WASTE TREATMENT / INDUSTRIAL LIQUIDS**

- **Non-metallic solution contact**
PVC construction
with EPDM "O"-ring (Viton® optional)
(See a chemical resistance chart)
- **Heavy Duty construction**
 - Rated 125 PSI at 70° F (8.5 BAR @ 21°C.)
 - Cartridge guides with screw-on caps for positive cartridge seal
- **Cartridge capacity**
From 7 to 28-10" cartridge capacity
(or equivalent 20", 30", or 40" lengths)
- **Quick openings for easy servicing**
- **2" NPT connections**
1/2" NPT drain and 1/4" NPT vent
Choice of outlet direction

The Series 'WT' Plastic Filter Chamber is designed for total corrosion resistance, versatility of use, high flow rates at low pressure drop and ease of cartridge replacement. Each model holds seven of 10", 20", 30" or 40" filter cartridges and offers a choice of depth wound, pleated or carbon media. Quick opening eye nut-swing bolt closure allows

ease of cartridge exchange without tools, spillage or chamber draining. Cartridges are securely sealed by means of cartridge guides with screw-on caps. Standard location of outlet is opposite inlet as illustrated above. Outlet may also be provided at 90° increments to offer the most convenient arrangement for piping.

TO ORDER, use Price Code Number

| DESCRIPTION | MODEL NUMBER | PRICE CODE NUMBER |
|--|--------------|-------------------|
| Floor standing unit constructed of high luster white PVC. Includes EPDM "O"-ring, stainless steel swing bolt cover closure with eye nuts and vinyl coated bracket. Inlet/outlet connections are 2" NPT with 1/2" NPT drain and 1/4" NPT vent plug. | PL70S-2 | 78-1290 |
| | PL140S-2 | 78-1291 |
| | PL210S-2 | 78-1292 |
| | PL280S-2 | 78-1293 |



SERIES 'WT' | PLASTIC FILTER CHAMBERS

C-103_T
Page 2

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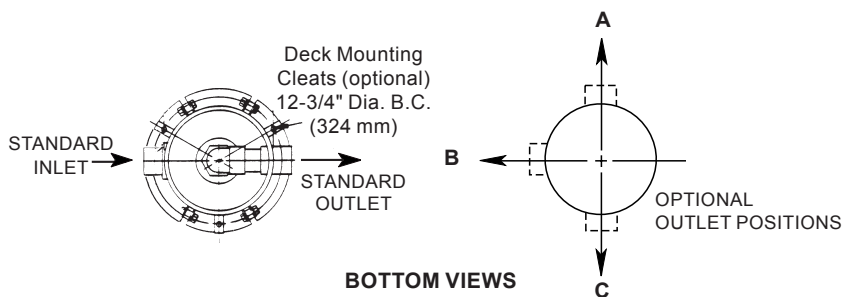
OPTIONAL

| DESCRIPTION | ADD to MODEL NO. | ADD TO OR SEPARATE PRICE CODE NO. |
|--|---------------------|---|
| Pressure gauge, 0-160 PSI, on polypropylene gauge guard with diaphragm and CPVC vent valve | -G7 | 78-0078 |
| Optional outlet direction | -A, B or C | -A, B or C |
| Viton "O"-ring, change L to V in Model Number | | -V |
| Flange connections, 2" PVC | -F | 78-1122 |
| Deck anchor cleats (set of three) | -D | 78-1124A |

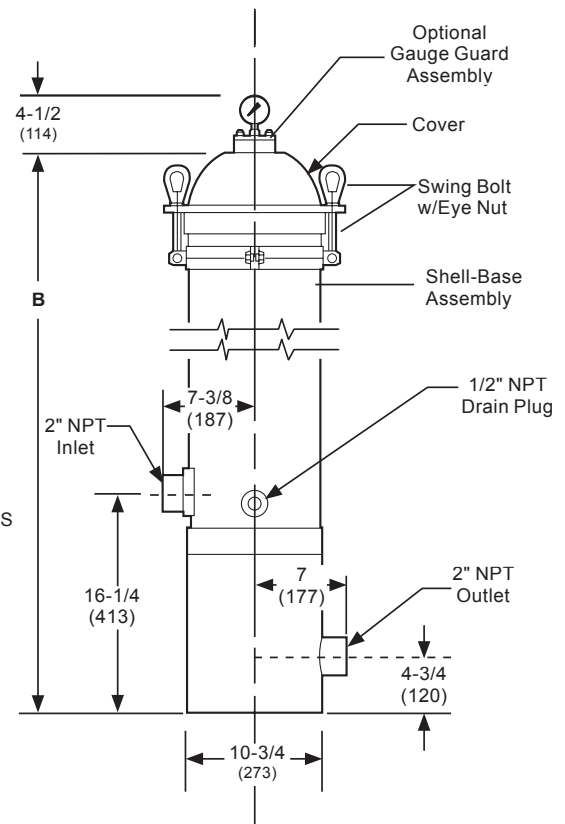
DIMENSIONS

| FLOW RATE * @ PRESSURE DIFFERENTIAL | | | |
|-------------------------------------|-----|-----|-----|
| GPM | LPM | PSI | Bar |
| 35 | 132 | 1 | 07 |
| 70 | 265 | 1 | .07 |
| 105 | 397 | 2 | .14 |
| 140 | 530 | 2 | .14 |

* Using 10 micron polypropylene depth cartridges, 5 GPM/10" length.



The use of a standpipe or pulsation dampener is recommended when operating with high pressure pumps or quick closing valves, due to the possibility of damage by water hammer.



| MODEL NUMBER | HEIGHT B | | SHIPPING WT. | | CARTRIDGE CAPACITY | | SOLIDS DEPTH AREA | MAXIMUM FLOW | | MAXIMUM PSI AT OPERATING TEMP. | | |
|-----------------|----------|------|--------------|-----|-----------------------|----------------|----------------------|-----------------|-----|-----------------------------------|-------|----------|
| | Inches | mm | Lbs. | Kg. | 10 inch | Unit length | | U.S. GPM | LPM | ALL MODELS | Temp. | Max. PSI |
| PL70S-2 | 29-3/8 | 746 | 55 | 25 | 7 | 7 of 10" | 24.5 | 70 | 265 | | 70°F | 125 |
| PL140S-2 | 39-3/8 | 1000 | 60 | 27 | 14 | 7 of 20" | 49.0 | 100 | 378 | | 100°F | 77 |
| PL210S-2 | 49-3/8 | 1254 | 65 | 29 | 21 | 7 of 30" | 73.5 | 140 | 530 | | 120°F | 50 |
| PL280S-2 | 59-3/8 | 1508 | 75 | 34 | 28 | 7 of 40" | 98.0 | 140 | 530 | | 140°F | 28 |