

# Pleated Filters and Filter Cartridge Kits



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The Village Marine Tec. line of pleated filters are designed specifically for the RO watermaker industry and are superior to wound or polyspun cartridges to give you a longer filter life as well as increasing flow rates and keeping cartridge size down.

Available in a wide arrange of sizes and micron ranges to ensure that every type of watermaker filter need is taken care of. Stock sizes fit most standard filter housings, if the size you need is not shown please contact us with the dimensions required.

Single use Cleaning and Preservative Cartridge Kits are designed specifically for small RO Systems. The Cartridges allow for easy and effective membrane maintenance.

The Cleaning and Preservative Cartridge Kits eliminate the trouble and mess of measuring powdered chemicals and ensuring correct chemical concentrations. The Chemical cartridges fit directly into 2.5" x 10" housings and contain the correct amount of chemical for a single use.

ENGINEERING YOUR SUCCESS.

# Pleated Filters and Filter Cartridge Kits

## Features:

### Pleated Filters

- Polypropylene pleated construction
- Longer service life over wound or polyspun cartridges
- Easily cleaned and reused
- Chemically compatible with a wide range of alkalies, most acids and saline solutions
- 0.5, 1, 5, and 20 micron ranges available
- Pliable plastisol ends ensures filter seal to eliminate bypass
- High packing density reduces filter size while keeping flow rates up
- Filter bands on large diameter elements keep filter shape during system pulsations

### Pleated Sediment Elements

| Part Number | Microns | Filter Area<br>ft <sup>3</sup> /m <sup>3</sup> | Diameter<br>inch/cm | Length<br>inch/cm |
|-------------|---------|--|---------------------|-------------------|
| 33-0118     | 20      | 10/0.93  | 2.75/7              | 9.75/25           |
| 33-0117     | 5       | 10/0.93  | 2.75/7              | 9.75/25           |
| 33-0053     | 20      | 18/1.67  | 4.5/11.4            | 9.75/25           |
| 33-0052     | 5       | 18/1.67  | 4.5/11.4            | 9.75/25           |
| 33-0020     | 20      | 30/2.79  | 8.63/22             | 7.75/20           |
| 33-0005     | 5       | 30/2.79  | 8.63/22             | 7.75/20           |
| 33-0058     | 20      | 35/3.25  | 4.5/11.4            | 20/51             |
| 33-0057     | 5       | 35/3.25  | 4.5/11.4            | 20/51             |
| 35-0020     | 20      | 35/3.25  | 6.12/15.5           | 11.9/30           |
| 35-0001     | 5       | 35/3.25  | 6.12/15.5           | 11.9/30           |
| 33-0172     | 100     | 100/9.29                                       | 8.63/22             | 24.3/62           |
| 33-2100     | 20      | 100/9.29                                       | 8.63/22             | 24.3/62           |
| 33-5100     | 5       | 100/9.29                                       | 8.63/22             | 24.3/62           |
| 33-1100     | 1       | 100/9.29                                       | 8.63/22             | 24.3/62           |
| 33-1105     | 0.5     | 100/9.29                                       | 8.63/22             | 24.3/62           |

### Filter Cartridge Kits

- Cartridge with Blue stripe contains cleaner #1, a biological cleaner to remove algae, fungi and bacteria
- Cartridge with Red stripe contains cleaner #2, an acidic cleaner to remove scale from the membrane
- Cartridge with Green stripe contains the preservative. This chemical is used for pickling the membranes
- Cartridges are capable of being used in any housing that takes a standard 2.5" (64mm) x 10" (254mm) filter cartridges

### Carbon Flushing Filters

| Part Number | Diameter<br>inch/cm | Length<br>inch/cm |
|-------------|---------------------|-------------------|
| 33-0311     | 2.75/7              | 9.75/25           |
| 33-0315     | 4.5/11.4            | 9.75/25           |
| 33-0083     | 4.5/11.4            | 20/50.8           |

### Cartridge Filter Kits

| Description      | Part Number | Contents   |
|------------------|-------------|--|
| Cleaning Kit     | 85-0102     | One Blue stripe cleaner #1 plus<br>One Red stripe cleaner #2 |
| Preservation Kit | 85-0103     | Two Green stripe preservative                                |

To maintain peak performance always use genuine Parker-Racor/Village Marine Tec. replacement parts. We reserve the right to change our specifications or standards without notice.