

UPDATED

**DAYLIFF**

## Water Purifier Cartridge

Clear, pure water is one of the most important requirements for good health, though many domestic supplies, even from municipal sources, do not reach accepted standards of quality. Simple, effective and economical water treatment is therefore becoming increasingly important, a requirement the Dayliff range of products have been specifically designed to fulfill. Dayliff is a leading brand of domestic filtration equipment offering a complete range of filter bodies and cartridges to provide treatment for most common water conditions. The products are proven and are the ideal solution for the majority of small-scale treatment applications where there is a requirement for clear, pure and safe water is demanded.

### CARTRIDGES



#### SEDIMENT REMOVAL

**Wound Polypropylene Yarn:** The standard cartridge for removal of sediment and particles down to the specified mesh size. Suitable for solvents, oils, acids, alkalis and brine as well as other potable liquids. Available in 1, 5, 10, 25 and 50 micron meshes.

**Spun Polypropylene:** The melt-blown polypropylene fibres provide a homogenous material structure and are ideal for ultra-pure filtration applications to 5 micron where leaching of filter material must be avoided.

**Pleated Polypropylene:** Made from pleated polypropylene, these cartridges are ideal for high flow potable water applications due to the enlarged filtration surface area. They provide fine sediment filtration of between 0.22 and 0.45 micron and are ideal for final polishing filtration before UV treatment.

#### BACTERIA REMOVAL

**Ceramic:** The finely pored ceramic diatomaceous material provides ultra-filtration to 0.9 micron for the removal of fine particles and is particularly suitable for the removal of micro-organisms and bacteria thus reducing the risk of water borne diseases. Particles are retained on the cartridge surface, which can be cleaned by scrubbing.

#### TASTE/ODOUR/CHEMICAL REMOVAL

**Granular Activated Carbon:** A granular activated carbon filter using acid washed coconut shell based activated carbon and suitable for the removal of chlorine, organic chemicals, insecticides, pesticides and herbicides as well as unpleasant taste and odours.

**Dual Sediment/Carbon:** A standard polypropylene sediment cartridge combined with a carbon core providing two-stage filtration for the removal of particles, chlorine, organic chemicals, taste and odours. Available in 5 micron specification.

**Softening Resin:** A food-grade resin filled cartridge for small-scale water softening application by ion exchange. For optimal operation it is recommended that the softener cartridge is used in a twin body configuration with a 5 micron first stage pre-filter.

| Ref No.   | Size | Type                           | Application  | Max Flow (L/hr) | Mesh (micron) | Size DxH (mm) | Service Life (Months) |
|-----------|------|--------------------------------|--|-----------------|---------------|---------------|-----------------------|
| WTD CSW1  | 10"  | Wound Polypropylene Yarn       | Sediment   | 500             | 1             | 63x253        | 6                     |
| WTD CSW1  | 10"  | Wound Polypropylene Yarn       | Sediment   | 1000            | 5,10,25,50    |               | 6                     |
| WTD CSW2  | 20"  | Wound Polypropylene Yarn       | Sediment   | 1000            | 1             | 63x508        | 6                     |
| WTD CSW2  | 20"  | Wound Polypropylene Yarn       | Sediment   | 2000            | 5,25          |               | 6                     |
| WTD CSW3  | 30"  | Wound Polypropylene Yarn       | Sediment   | 3000            | 1,5           | 63x762        | 6                     |
| WTD CSWJ1 | 10"  | Wound Polypropylene Yarn Jumbo | Sediment   | 1500            | 1,5           | 114x253       | 6                     |
| WTD CSWJ1 | 10"  | Wound Polypropylene Yarn Jumbo | Sediment   | 3000            | 10,20         |               | 6                     |
| WTD CSWJ2 | 20"  | Wound Polypropylene Yarn Jumbo | Sediment   | 3000            | 1,5           | 114x508       | 6                     |
| WTD CSWJ2 | 20"  | Wound Polypropylene Yarn Jumbo | Sediment   | 6000            | 10,20,50      |               | 6                     |
| WTD CSS1  | 10"  | Spun Polypropylene             | Sediment   | 500             | 1,5           | 63x254        | 6                     |
| WTD CSS2  | 20"  | Spun Polypropylene             | Sediment   | 1000            | 1,5           | 63x508        | 6                     |
| WTD CSS3  | 30"  | Spun Polypropylene             | Sediment   | 1500            | 1,5           | 63x762        | 6                     |
| WTD CSP1  | 10"  | Pleated Polypropylene          | Bacteria, Sediment   | 500             | 0.22,0.45     | 63x254        | 6                     |
| WTD CSP2  | 20"  | Pleated Polypropylene          | Bacteria, Sediment   | 1000            | 0.22,0.45     | 63x504        | 6                     |
| WTD CSC1  | 10"  | Ceramic                        | Bacteria Cysts and Sediment  | 400             | 0.9           | 50x253        | 6                     |
| WTD CC1   | 10"  | Granular Activated Carbon      | Most organic chemicals, chlorine, insecticides, pesticides, herbicides, taste, and odor  | 500             | 5             | 69x253        | 6                     |
| WTD CC2   | 20"  | Granular Activated Carbon      | Most organic chemicals, chlorine, insecticides, pesticides, herbicides, taste, and odor  | 1000            | 5             | 69x508        | 6                     |
| WTD CC1   | 10"  | Carbon Block                   | Most organic chemicals, chlorine, insecticides, pesticides, herbicides, taste, and odor. Inhibits growth of bacteria within the filter | 400             | 5             | 69x253        | 6                     |
| WTD CC2   | 20"  | Carbon Block                   | Most organic chemicals, chlorine, insecticides, pesticides, herbicides, taste, and odor. Inhibits growth of bacteria within the filter | 800             | 5             | 69x508        | 6                     |
| WTD CSC1  | 10"  | Dual Sediment/<br>Carbon Core  | Sediment, taste, and odor  | 400             | 5             | 69x253        | 6                     |
| WTD CS1   | 10"  | Cation Exchange Resin          | Hardness   | 200             | -             | 69x253        | 6                     |

## FILTER BODIES



| Type              | Operating Press | Max Temp | Weight | Size    | Connection |
|-------------------|-----------------|----------|--------|---------|------------|
| 10" Clear housing | 5               | 50       | 1.1    | 130x320 | ¾" NPT     |
| 10" Blue housing  | 8               | 65       | 1.1    | 130x320 | ¾" NPT     |
| 10" Jumbo housing | 6               | 65       | 2.2    | 180x350 | ¾" NPT     |
| 20" Clear housing | 5               | 50       | 2.5    | 140x570 | ¾" NPT     |
| 20" Blue housing  | 8               | 65       | 2.5    | 140x570 | ¾" NPT     |
| 20" Jumbo housing | 6               | 65       | 3.2    | 180x600 | ¾" NPT     |

A wide range of filter bodies to house the various cartridge options is offered, all made from strong non-corroding inert polypropylene plastic. Options of Standard or Jumbo bodies in 10" and 20" sizes with either clear or blue housings are available and cartridges are selected to suit specific applications.

Series connected multi bodies are also available in either dual or triple configurations for multi stage treatment. Dual bodies include 10mic Sediment and Granular Carbon cartridges and Triple bodies an additional Carbon Block cartridge. They are also supplied complete with brackets, faucets and necessary tubing and fittings for a complete installation.