

Rain Filters *Sediment Filtration System*

5" Filter Cartridge – Maintenance and Replacement Instructions (Model: WFRW06)

THIS CARTRIDGE IS FOR USE IN THE FILTRATION OF RAINWATER WHEN THE RAINWATER TANK SUPPLIES WATER PURELY FOR OUTSIDE USES, SUCH AS IRRIGATION SYSTEMS, HIGH-PRESSURE CLEANING DEVICES, CAR WASHING, POOL OR POND TOP-UPS, ETC. IDEAL FOR PROTECTION OF IRRIGATION AND VALVE EQUIPMENT USING RAINWATER.

Cartridge replacement notes:

1. Please ensure that the water supply and power to the pump and any diversion switch are turned off before changing the filter cartridge.
2. Release any pressure build up within the housing by using a screwdriver to activate the pressure relief valve on top of the filter housing.
3. Using the plastic tightening wrench place the wrench under the white bowl and raise until it is secure around the green collar/nut.
4. Unscrew the collar with the wrench in a clockwise direction.
5. When dismantled remove the used filter cartridge and clean the white bowl. Be careful not to damage the black o-ring.
6. Unwrap the new cartridge and insert in the white bowl.
7. Ensure that the o-ring is sitting cleanly on the o-ring seat on top of the white bowl.
8. Place the bowl with cartridge under the filter head assembly.
9. Raise collar and fasten onto filter head assembly.
10. Tighten system using the wrench.
11. Turn water back on and check for any leaks in the system and rectify/seal if required.

NOTE: The life of the filter cartridge is determined by three factors - water pressure*, water quality and usage. Residual sediments and other matter will eventually build up in the filter cartridge causing water pressure drops. Because the *Sediment System* filter cartridges are washable and re-usable, cleaning may extend filter life beyond a typical 6 to 12 months.

* Care must be taken to ensure the pump is specified to provide adequate water pressure/flow rates.

Improving the Performance of your Rainwater Harvesting System

'Pre-treatment devices' are required by many authorities and must be included as part of all rainwater harvesting systems. A fire proof **gutter mesh** system should be installed to keep leaves, debris and vermin out of gutters.

Pre-treatment devices such as **Leaf Eater®** or **Leaf Beater® screened rain heads** should be installed at each downpipe that supplies rainwater to the tank. These devices improve the hydraulic performance of downpipes by deflecting leaves and debris away from the flow of water. Gutter mesh and rain heads prevent gutters blocking and eaves flooding and in doing so, reduce fire risk by keeping flammable material out of the gutter.

It is also critical to install **First Flush Water Diverters** to prevent the first, most contaminated rainfall from polluting tank water. First Flush Diverters can be installed at each downpipe that supplies water to the tank, or larger units, that can handle multiple inlet pipes, can be installed nearby the tank.

Not only do pre-treatment devices improve water quality, protect pumps and household appliances, and reduce tank maintenance, they also extend the life of Rain Filters cartridges.

Please visit www.rainharvesting.com.au for further information.

We can remind you when your filters need replacing. To take advantage of this service please complete the warranty card and send to us or visit our website

www.rainharvesting.com.au

to register your Rain Filter System online, or alternatively call our National **Replacement Filter Service Centre*** on **1300 785 355**.



* Replacement Filters Program is administered by Water Filters Australia Pty Ltd

cartridge maintenance and replacement