

RW Series

Residential Rain Water Treatment System



Rainfresh RW **RAIN WATER TREATMENT SYSTEM** is an advanced main line water purification system designed to convert rain water collected from roof tops, cisterns or other areas into clean, safe drinking water for the entire home.

Using rain water for your home use offers an economical and environmentally friendly way of supplementing your home water needs. Rain water has many advantages, such as

- It is naturally soft, which makes it ideal for bathing and washing clothes, dishwashers etc
- It does not have any chlorine and associated taste and odour issues
- It has no sodium and is virtually mineral-free, meaning it will not produce scale on appliances and eliminates the need for water softening devices.
- It has the perfect temperature for plants when stored in a tank



Why treat rain water?

As rain falls, it collects a lot of atmospheric dust and particles from roof tops and gutters. It also collects bacteria that may be on roof top bird droppings or other open areas. Storage and passing through downspouts and gutters can also add undesirable taste and odour to rain water.

Rainfresh RW system incorporates a sophisticated filter design that provides clean, great tasting & microbiologically safe drinking water. It

- Reduces sediment, dirt, rust and other particles in the water, down to a level of 1 micron, which means it filters out particles about 40 times smaller than what the eye can see !
- Improves water taste and odour
- Kills/inactivates disease causing microorganisms like bacteria, viruses, coliform, E. coli etc., making rain water safe to drink

FEATURES

- Compact design delivers clean, safe water for high-flow applications
- Sediment designed for greater dirt-holding capacity and long life.
- Ultraviolet disinfection system is controlled by a sophisticated electronic power source that sets off an audio and visual alarm in case of system malfunction.
- Audio and visual reminder for UV lamp change.
- Easy wall-mount design for compact installation

BENEFITS

- Main line water filtration and disinfection.
- Reduces sediment, rust, silt and other particulates.
- Improves taste and odour
- Inactivates a wide range of bacteria and viruses.

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Rainfresh Rainwater Treatment System is designed for wall mounting in such a way that it can be oriented in left-to-right or right-to-left direction to suit plumbing flow and easy installation. Simply move the ballast to suit your installation.

SPECIFICATIONS

Model	Flow Rate (Max)	Pre-Filter 1	Pre-Filter 2	UV Model	Pre-filter 1 & 2 Life	UV Lamp Life
RW519	5 US GPM (19 LPM)	BC1 or BP5	BC2	R519	6 months*	9,000 hours (1 Year)
RW8	8 US GPM (30 LPM)	BC201 or BP201	BC202	R830		

* - a) Or replace cartridge when pressure drop across filter is greater than 15 psi.

OPERATING SPECIFICATIONS

System Inlet/Outlet	:	1" FNPT, ¾" MNPT
UV Disinfection Unit MOC	:	Stainless steel 304
Piping	:	Braided SS or PVC
Pressure Relief Valve	:	Included
Max. Pressure	:	100 psi (689 kPa)**
Electrical Requirements	:	120V, 50/60Hz, 0.7A
Operating Temperature	:	4°C – 37°C

** - If pressure surges or water hammer conditions exist, a pressure regulator or water hammer arrestor should be installed

WARRANTY

1 year limited warranty.



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