

# RAINWATER HARVESTING

## water treatment systems



■ **COMPACT**

■ **SKID MOUNTED**

■ **AUTOMATIC**



## HARVESTING RAINWATER

Water Engineering Services(wes) (UF) membrane filtration systems are engineered to produce clean, purified water from rain water.

Improve the quality of drinking water throughout the home and decrease the number of maintenance issues that are caused by poor water quality with the WES ultra-filtration system.

The WES systems feature an ultrafiltration cartridge that substantially reduces particles from the water. The system is self-cleaning, which extends the life of the ultrafilter and allows it to operate with little user intervention.

## FEATURES

- .015 micron ultrafiltration significantly reduces particles, assuring consistent, high- quality water.
- Self-cleaning capabilities extends the life of the ultrafilter.
- Operation simplicity.
- Several sizes available to meet various flow rates.



<b>OPERATING CONDITIONS</b>		<b>MEMBRANE SPECIFICATIONS</b>	
PFeed source	: Rain water	Membrane Material	: Hydrophilic
Flow Type	: Out to In	Surface Area (nominal)	: 45 m <sup>2</sup>
Filtration Mode	: Dead End Mode	Cap & Socket	: Reinforced ABS
Recovery	: 90-95%	Housing Material	: uPVC
Operating Temperature	: Max 45°C	Potting	: Epoxy
Operating TMP	: 0.5 bar (Feed), 1.2 bar (Back Flush)	Feed Turbidity	: Max 11 NTU
CIP Chlorine	: Max 100 ppm		
CIP Operating pH	: From 3 to 10		
Power	: 230V/1ph/50/60Hz		

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**Sustainable Water Solutions**