



THE PROCESS

- STAGE 1** Pre-filtration
- STAGE 2** Hollow Core membrane
Membranes commonly last 6 to 8 years.
- STAGE 3** Activated Carbon
- STAGE 4** Ultra Violet Disinfection
- STAGE 5** Chlorination

Watertronics is a global manufacturer of pump stations for Golf, Landscape, Municipal, and Agricultural use. With 3,000 pump stations sold and over 30 years in business, Watertronics has a reputation for excellence in design and manufacturing.

The heart of the DR Series is our Hollow Fiber Ultra Filtration (UF) Membrane with a product turbidity of <math><0.1\text{ NTU}</math>.



Ultrafiltration (UF) is a technique for separating dissolved solids, suspended solids, bacteria, viruses, endotoxins and other pathogens to produce water with very high purity and low silt density. This hollow-fiber ultra filtration membrane was designed and manufactured to remove suspended particulates, colloidal material, bacteria and high molecular weight material greater than 0.1 micron.

All DR-Series systems are backed with a 1-year limited warranty against defects in materials and workmanship.

DR SERIES WATER FILTRATION SYSTEMS

SIMPLE. EFFICIENT. CLEAN WATER SOLUTIONS.



A SUSTAINABLE, DURABLE, COST-EFFECTIVE SOLUTION

The DR Water Filtration System solves many of the problems that have historically faced new construction and reconstruction projects. It is unique in that it is entirely built, assembled, and tested before leaving our factory, unlike many other systems that are stick built or assembled on-site. Our system arrives on-site ready to run, often installed and fully functional within a matter of hours.

Working with a "single source supplier" provides accountability and efficiency. You will have one reliable point of contact for delivery, startup and service.

THE SERIES:

DR-10: capable of filtering 15,000 gallons per day

DR-50: capable of filtering 75,000 gallons per day

DR-100: capable of filtering 144,000 gallons per day

The DR Series Water Filtration System – the most practical, cost-effective solution for your water filtration needs.



APPLICATIONS

- Surface water clarification
- Well water clarification
- Disaster relief
- Cryptosporidium and Giardia removal
- Wastewater reuse
- MBR Systems

EASY SET-UP

- All hoses and couplings included
- No special tools required
- Multiple power options:
Solar, Generator, or Grid

DURABLE, SELF-CONTAINED SYSTEM

- Enclosure provides:
 - Impact resistance
 - Sound dampening
 - Corrosion resistance
- All internal components are durable and corrosion resistant.
- Quality construction ensures extended product life.



DISTINCTIVE FEATURES:



SMART CONTROLS

featuring self-diagnostic alarms, automatic shutdown, smart cleaning auto-backflush and self-monitoring filters.

USER-FRIENDLY CONTROL PANEL

featuring full-color animated touchscreen. Scada-ready design.



REVERSE OSMOSIS

available with an efficient "plug & play" option.



ENVIRONMENTALLY FRIENDLY

waste is neutralized before being reintroduced into the environment.



EFFICIENT DESIGN

compact footprint, stackable for easy staging, easy access from all sides for serviceability.



EASY OPERATION

a fully-automated system. Can run operator free for 30 days with on-board consumables.