

PermaBead™ Filtration Systems

PermaBead™ Filtration Systems give customers the ultimate flexibility in their design to meet the specific demands of each project. We help customers choose between a wide range of pumps, filters, disinfection devices and automation options. All orders include CAD design drawings prior to fabrication and are pre-programmed and water-tested at the factory prior to shipping.



STANDARD & OPTIONAL FEATURES

- 1 PermaBead™ Media Filter**
 Removes particulate solids for clean and clear water. PermaBead™ Media is a superior granular media alternative to sand designed to prevent channeling, clogging and improve backwash performance.
- 2 Pre-wired Electrical Control Panel**
 With optional fused electrical disconnects for simplified electrical installation. E-Stop, On/Off switches and indicator lights standard.
- 3 Pumps**
 Models available for any application including saltwater, corrosive or freshwater. Pumps come standard with true-union ball valves and quick-disconnect wiring for easy replacement.
- 4 High-Output UV Sterilizers**
 Included for disinfection of filtered water without the use of chemicals. Bypass plumbing allow continuous operation during lamp replacement or UV maintenance.
- 5 Automatic Backwash Valve & Controls**
 Pressure & Time Activated for zero maintenance. Touch pad on valve controller allows automatic or manual activation.
- 6 Heavy-Duty Fiberglass Reinforced Plastic or HDPE Skid Base**
 Allows systems to be easily moved with a forklift or pallet jack simplifying shipping, installation and relocation.
- 7 Automation & PLC Controls**
 Allow users to customize backwash and pump sequence, define schedules, program treatment processes and much more.
- 8 Variable Frequency Drives for Pumps**
 From 3/4 hp and up allow operators to dial-in the desired flow rate with the touch of a button. VFDs maximize energy efficiency and prolong useful pump life.
- 9 Safety Flow Switch**
 Protects UV sterilizer lamps from burnout during shut-downs or power outages.
- 10 Optional Inline Chlorinators**
 For additional disinfection in certain applications.