

The Water Maze ZCF Skid System

ZCF Skid with REC Recycle | *Special*

This product consists of a skid-mounted industrial grade media filtration system and a water management control center that filters pretreated water, that has free-floating oils and heavy solids removed, at rates up to 16 GPM, and then manages the water recycle purposes.

An onboard in-feed pump, pumps pretreated water through the two 14" diameter fiberglass-wound media tanks at a rate up to 16 GPM and into a water storage tank (storage tank not included). The media consists of high quality, granular zeolite media that has high surface area and porosity, making this media preferred over conventional sand-type media. The surface of this media features microscopic minerals that penetrates deeply in the bed, which allows for particulate filtration down to 10 micron. The filter tank holds gravel, anthracite, and zeolite media. The vertical column design of the tanks provides for high efficiency filtration and backwashing of the media bed. An automatic, programmable water treatment control valve is mounted atop each media filter tank that manages the processing rate, backwash cycles, and records water flow at rates from 1-20 GPM.

The REC unit manages the filtered water. The system allows for additional filtration by circulating water from the storage tank back through the media filters. The optional UV ozone generator will assist in controlling odors, or our PM-1000D module can be applied for bioremediation of organic/ carbon matter. The REC unit includes: a pressurization system for transferring water for recycle purposes; an excess water discharge system; and a fresh water makeup system.



REC2-20A Recycle Water | Special

This component is a water management control center made of carbon steel with lockable front door that includes: a ¾ HP in-feed pump; a ¾ HP circulation pump with mazzei injector and timer controls to circulate water from the clean-water storage tank back through the REC unit; a 1.5 hp. transfer pump with pressurization system (bladder pressure tank, manifold, pressure switch, etc.) to transfer the processed water back to the point of use (i.e., to a pressure washer); a fresh water makeup and excess water discharge system with float controls; and an optional UV ozone generator. All steel components are deep cleaned protected with powder coated finish.



ZCF Skid System with REC Recycle Module. Shown with 14" diameter ZeoClear Media Filter tanks

ZCF Skid System Specifications

Part Number	Special
Process Flow Rate*	Up to 16 GPM
Electrical	230V 1 Phase 20 amps

AVAILABLE OPTIONS:

Part No.	Description
Special	Stainless steel skid (ZCF Skid)
Special	18 inch diameter media filters for flow rates up to 24 GPM
8.917-651.0	Factory installed UV Ozone generator (approx. 24 grams per day) mounted inside of the above REC cabinet
Special	Increase transfer rate of recycled water up to 30 GPM
8.917-652.0	Stainless steel skid (REC2-20A unit)

See your Water Maze Dealer for details, options, and pricing.
* Process flow rates may vary based on the water chemistry of the specific application



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We Know How To Get Things **CLEAN**

Specifications | Special

- **Carbon Steel Skid**
See options for 304 stainless steel skid
- **2 ZeoClear Media 14" Diameter Filters**
with automatic backwashing. Designed to filter out light-density particulate and turbidity with particle-size reduction as low as 10 micron. See options for 18" diameter filters
- **Media**
Gravel and Garnet support media
Zeolite turbidity/particulate filtration media
- **2 Automatic Control Valves**
Electronic flow meter
Flexible programming for back wash, rinse and service cycle optimization, water efficiency
Backwash may be initiated by manual push button, time schedule, metered volume or pressure monitor
Advanced display with status, history and diagnostic screens
Extended life lithium battery clock backup
Non-volatile program memory

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