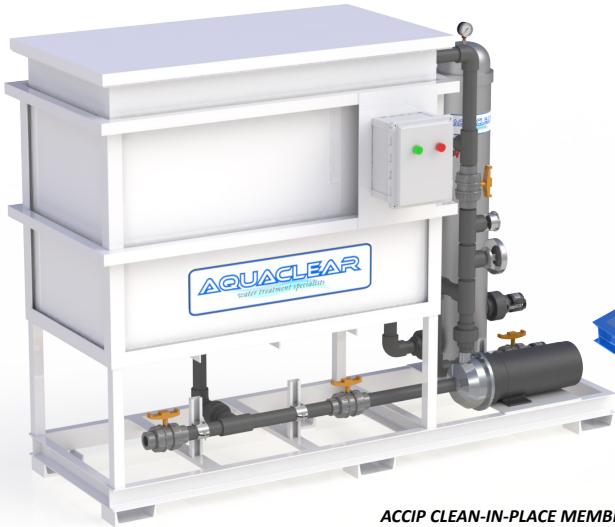


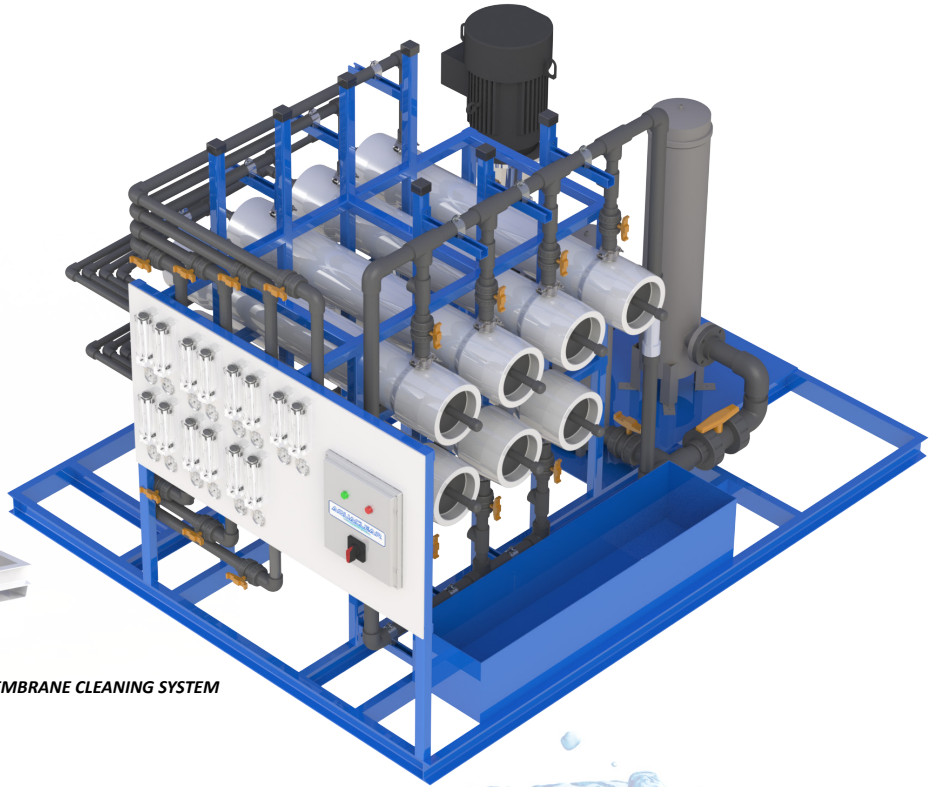
AQUACLEAR

water treatment specialists

Clean-In-Place System CIP Skid



ACCIP CLEAN-IN-PLACE MEMBRANE CLEANING SYSTEM



Aqua Clear Water Treatment Specialists manufacturers and engineers standard and custom clean-in-place membrane cleaning skids. Membrane cleaning systems are designed to be used with any RO system to clean membranes without removing them from the system. When working with any customer we listen closely to the needs and expectations, then implement this in the design process for ease of use and maintenance. Each container is a fully turn-key system.

Features (standard)

- Closed Top Cleaning Solution Tank
- Centrifugal Transfer Pump with TEFC Motor
- Sediment Cartridge Filter Housing
- Pre-Wired control panel with H/O/A
- NEMA-4 Electrical Enclosure
- Low Tank Level Switch for Automatic Shutdown
- Temperature Indicator
- Flow Indicator
- Corrosion resistant pump

- Manual Recirculation Line for Solution Mixing
- Manual Tank Drain Valve

(Options available)

- pH Monitor
- Immersion Heater with Adjustable Thermostat
- CPVC Piping
- Portability for Skid Systems (Hose Kit & Caster Wheels)

Aqua Clear Water Treatment Specialists

The Clear Choice for Commercial and Industrial Water Treatment Systems and Services

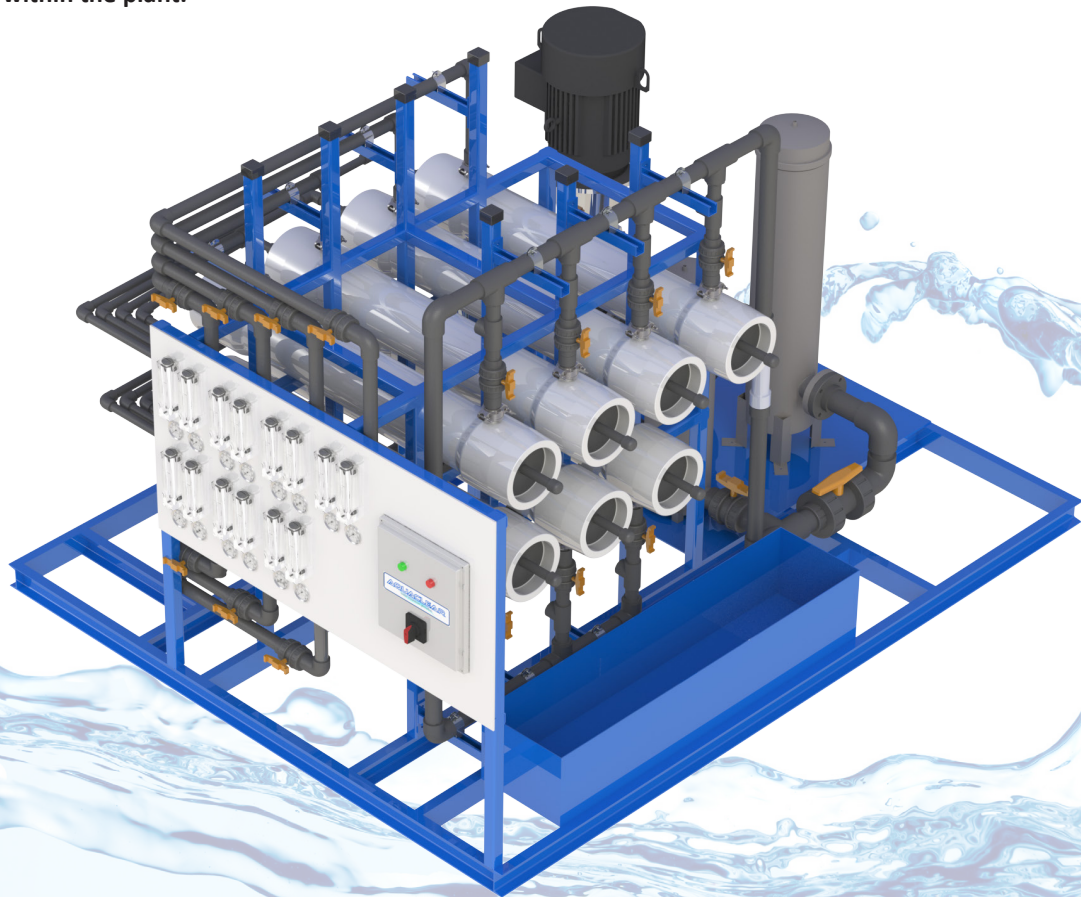
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Clean-In-Place System CIP Skid

The membrane in reverse osmosis elements can become fouled by suspended solids, microorganisms, and mineral scale. These deposits build up during operation and cause loss in water output or salt rejection, or both. Regular cleaning of the membrane elements minimizes the loss of performance and extends membrane life. Maintain System Performance at a higher level by cleaning membranes regularly. Also by utilizing our clean-in-place skid you are able to clean membranes without have to remove them from your system to reduce maintenance and downtime of the reverse osmosis system. Systems are designed to work with all types of membrane cleaning procedures including inorganic mineral scale (low pH), biological/organic fouling (high pH), and sanitization cycles.

Each system includes a cleaning solution tank, transfer pump, and sediment filter to trap debris from re-entering the membranes during recirculation. All steps of the CIP process are to be performed manually by an equipment operator. All CIP equipment including the cleaning solution tank are factory mounted, pre-piped, and pre-wired on a dedicated skid assembly. The Skid Mounted configuration is a good choice for installations where multiple RO systems are in place or where a hard piped CIP system is desired. This option can also be modified for portability for easy movement to storage or other locations within the plant.



Aqua Clear Water Treatment Specialists also supplies: Multimedia Pretreatment, Activated Carbon Pretreatment, Water Conditioning, Chemical Dosing Systems, Ultraviolet (UV) Sterilizers and Ozonation Systems.

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