

# Cost-Saving Alternative to DI Operation

## The Pall Aria™ Integrated MF/RO System

If you use demineralizers to treat your surface water influent for boiler and utility applications, you could benefit from upgrading to a Pall Aria Integrated MF/RO system.

Utilizing this hollow fiber microfiltration and reverse osmosis system can result in more efficient, lower-cost makeup water and demineralizer operations. The Pall Aria MF/RO system eliminates conductivity spikes and reduces silica, thereby improving the performance of your demineralizer system. It also extends resin life by increasing the interval between regenerations and reducing acid and caustic consumption.

### Value

- Maximize control over your water treatment operation.
- Improve water quality.
- Minimize waste and disposal costs.
- Reduce operating expenses by as much as 50%.

### Is This an Opportunity for You?

- Does your demineralizer system require frequent regeneration?
- Does fouling or attrition from particulate abrasion result in a resin life of less than 10 years?
- Does silica cause you problems with downstream boiler operation?
- Does your operation suffer from conductivity spikes?
- Are you interested in significant savings on operating costs for water treatment?

### Why the Pall Aria Integrated MF/RO System?

- Reduces particulate and microbiological fouling attrition.

- Significantly reduces backwash requirements.
- Reduces regeneration chemical usage and waste.

### Key Industries

- Automotive
- Chemical processing
- Electronics
- Food and beverage
- Hydrocarbon processing
- Power
- Primary metals
- Pulp and paper

### Features

- Standard designs for trouble-free operation.
- Touch-screen controls for simple operation.
- Modular design for rapid integration.
- Multiple membrane barriers for process protection.

### Why Pall?

- Flexible water management: outsource operations, service contract, or service-on-demand.
- Flexible project financing: capital purchase, lease-to-own, rent, or purchase treated water.
- Streamlined system design and operation using our experience of over 60 years in the field of water treatment.
- Lifetime system support from filtration experts with excellent track records for customer satisfaction.



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