

Cost-Saving Alternative to Lime Softening

The Pall Aria™ Integrated MF/NF System

If you are dependent on lime softening to pretreat surface water and influent water for general utility applications, you could benefit from upgrading to a Pall Aria Integrated MF/NF system.

The Pall Aria MF/NF system leverages advanced dual-membrane technology for process water treatment. This hollow-fiber microfiltration (MF) and nanofiltration (NF) system has been proven to reduce overall operational costs by 15-20%. It can also achieve consistent and high-quality product water, with a significantly smaller footprint, less waste, and no need for sludge dewatering, hauling, and disposal.

Value

- Ensure consistent, high-quality water.
- Maximize control over your water treatment operation.
- Minimize footprint, waste, and disposal costs.
- Reduce operating expenses by as much as 20%.

Is This an Opportunity for You?

- Does your water quality vary or periodically fail to meet specifications?
- Is consistent water quality important to you?
- Do you typically use more than 100 gpm (23 m³/hr) of water for boilers and utility operations?
- Are you interested in significant savings on operating costs for water treatment?

Why the Pall Aria Integrated MF/NF System?

- Produces consistent quality water without upsets from a lime softening

operation.

- Eliminates sludge dewatering and disposal costs.
- Improves the removal of hardness and alkalinity in treated water.
- Reduces chemical costs and usage.
- Improves ion exchange water treatment.

Key Industries

- Automotive
- Chemical processing
- Food and beverage
- Hydrocarbon processing
- Mining
- Power
- 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.



Pall Corporation

Corporate Headquarters

Americas

East Hills, NY USA

1.516.801.9906 Phone

1.888.428.5597 Toll Free

Europe

Middle East

Africa

Portsmouth, Hampshire UK

+44 (0) 23 9230 2374 Phone

+44 (0) 23 9230 2509 Fax

Bad Kreuznach, Germany

+49 671 8822130 Phone

+49 671 8959388 Fax

Asia Pacific

Bangkok, Thailand

+66 2937 1055 Phone

+66 2937 1066 Fax

Visit us on the Web at www.pall.com/water

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