

CRANE®

EPRO™ Custom Engineered Water Purification System



www.cranewater.com

EPRO™ Custom Engineered capability

lets customers specify performance and other parameters to suit their needs. Crane Environmental can design and build the right EPRO RO system precisely meeting unique requirements of the process or application. Designs will serve a wide range of flow rates and configurations, producing clean output from tap or brackish water.

- 1 Complete **FLEXIBILITY** in design and production to accurately meet application requirements specified by the Customer
- 2 **CUSTOM DESIGNS** can be adapted from our extensive library of proven drawings, permitting shorter lead-times
- 3 Engineered to Customers' **SPECIFICATIONS** denoting flow, purification, and recovery rates - among others
- 4 Preassembled design allows **EASE OF INSTALLATION** typically in **UNDER 2-HOURS**, limiting start-up costs and space requirements



EXAMPLE ONLY: CUSTOM ENGINEERED EPRO WATER PURIFIERS
(Call your local REPRESENTATIVE for a consultation)

SELECTIONS / OPTIONS available

- **PRODUCT FLOW RATE:** up to 25,000 GPD¹ (95 m³/day.)
- **PURIFICATION RATE:** up to 99.5%²
- **RECOVERY RATE:** up to 80%³
- Repressurization tanks (construction material, size, pressure)
- Storage tanks (construction material, size, dispensing rates)
- Pump (pressures, volumes, styles, materials)
- Automatic: flush (feed or permeate), feed water shutoff
- Flow meters: concentrate, product (permeate), recycle, discarded water
- Pressure gauges (standard, liquid filled)
- Filters, pre-filters
- Control valves: concentrate, product (permeate), other
- Membranes design: Warm/Cold water, feed-water characteristics
- Electronic control units
- Monitors: pH, TDS (feed, permeate)
- Chemical dosing
- Frames/racks (dimensions, materials, designs)
- Motors (voltages, Hz, phases, materials, manufacturers)
- **Service Maintenance Contracts**
- **On-site customer services: start-up, training, troubleshooting, maintenance, repair**
- Other options are available – please consult your EPRO representative

APPLICATIONS

- Hospitals
- Laboratories
- Breweries
- Food and beverage production, bottling
- Pharmaceutical production/laboratories
- Chemical processing
- Paint and assembly
- Carwash rinse water (for spot-free shine)
- Laundries and cleaners
- Electronics fabrication
- Boiler & cooling tower makeup water
- Misting, humidification
- Nurseries, greenhouses
- Commercial printing
- Commercial properties
- Condominium/Apartment complexes
- Hotels/Resorts
- Sports complexes
- Schools
- Homes
- Restaurants
- Entertainment venues
- ... (wherever purified water is needed)

WARRANTY

- **ONE YEAR** limited manufacturer's warranty on parts & labor is standard

IMPORTANT:

Specifications are subject to change without notice. Systems shown with options. Contact your Crane Environmental Representative for the latest options and specifications.

Stated rates are based on 60Hz application & feed water TDS of 500 PPM at 77° F (25° C). While all EPRO RO systems are equipped with an integral pre-filter, a separate and properly sized multi-media filter (or equivalent pre-treatment equipment) should be used to protect the RO pump and membranes from coarse particles. Please ask your local representative about the selection of appropriate pre-treatment equipment.

¹ Varies with size of system.

² Based on membrane manufacturer specifications. Actual purification rates will vary with system configuration and feed/ source water quality.

³ Recovery rates vary with system configuration and feed/source water quality. Systems without waste water recycling will have lower recovery.

Water should be tested before consumption.

