

HydroFlux™ 10000 & 20000 RO Systems

I Industrial RO systems for high purity, high volume applications

°C 40°C (105°F)

% 98.5%



System shown: HydroFlux™ 10000

Available only in its deluxe configuration, the 10000 and 20000 systems have again been optimally designed, developed and programmed.

Offered with an array of control features both these systems are fully adaptable to deal with fluctuating seasonal and water quality variations. Equipped with a concentrate recirculating valve, both systems will reduce water wastage by recycling a variable proportion of the circulate to deliver greater efficiencies and cost savings. Ideal for applications such as cosmetic, pharmaceutical drug manufacture, large scale DI plants, boiler water feed, steam sterilizing or any application that requires high volumes of extremely pure water.

Deluxe RO system configuration

- Free-standing, corrosion-resistant wheel mounted aluminium frame
- Axeon® PVC pressure vessels
- Axeon® HF4 extra-low pressure membranes
- 10 micron FSI filter bag
- 5 micron 20" sediment pre-filter
- Goulds stainless steel multi-stage booster pump
- Permeate sample valves
- Chemical pump outlet

Controls

- LCD display controller
- S150 computer controller
- Concentrate recycle valve
- Feed low pressure switch 15-30 psi
- Feed solenoid valve with manual bypass

Instruments

- Stainless steel concentrate valve
- 0-300 psi pump pressure gauge
- 0-300 psi final concentrate pressure gauge
- 0-160 psi pre-filter in pump pressure gauge
- 0-160 psi pre-filter out pump pressure gauge
- Permeate flow meter
- Concentrate flow meter
- Concentrate recycle flow meter
- HM digital PS-100 feed TDS controller
- S-150 computer controller permeate TDS monitoring