

# AQUAcure® Reverse Osmosis System

## RO-3000IP



- RO System: »Brackish Water  
 Model: »RO-3000IP  
 Performance (at 25°C, 2000ppm TDS)  
     Permeate Rate: »474 LPH Maximum, 360 LPH Nominal  
     Recovery Rate: »50-75% Depending on Raw Water Feed Quality and Water Temperature
- Operating Pressure: »600kPa – 1200kPa  
 Typical Ion Rejection: »95% to 98%  
 Membrane Housings: »(2) x 4.0" x 40" 304 Stainless End Entry  
 Membranes: »(2) x 4.0" x 40" TFC (GE Water Desal)  
 Array: »1-1 (1 Element per Housing)  
 High Pressure Piping: »20mm O.D. PVC  
 Pump: »Multi-Stage Centrifugal 304 Stainless Steel Pump Model CDL1-300
- Motor: »1.5KW, 220V/50Hz (Optional Three Phase)  
 Electrical Panel: »Indoor Use  
 Frame : »Stainless Steel – Powder Coated  
 Approximate Weight : »85kg  
 Dimensions: »H153cm x W60cm x D60cm  
 Connections: »¾" F.I. Inlet, ½" F.I. Permeate, ½" F.I. Concentrate
- Installed Features:
- »Permeate Flow Meter (1.8 to 18 LPM)
  - »Concentrate Flow Meter (1.8 to 18 LPM)
  - »Recycle Flow Meter (1.8 to 18 LPM)
  - »Raw Water Pressure Gauge (0 to 1.5 MPa)
  - »Pre-Membrane RO Pressure Gauge (0 to 3.5 MPa)
  - »Concentrate Pressure Gauge (0 to 3.5 MPa)
  - »20" Std. Dia. Five & One Micron Pre-filters
  - »Low Feed Inlet Pressure Switch
  - »Inlet Solenoid Valve 220v 50Hz
  - »Flush Solenoid Valve 220v 50Hz
  - »Conductivity Monitor (0-20, 0-200, 0-2000 µs/cm Range Selection)
  - »Emergency Stop Switch w/- Indicator Light
  - »Power On/Off Switch w/-Indicator Light
  - »RO Pump On/Off Switch w/-Indicator Light
  - »Manual Flush On/Off Switch w/-Indicator Light
  - »Power Indicator Light
  - »RO Pump Indicator Light
  - »Low Pressure Indicator Light
  - »Tank Full Indicator Light
  - »Auto Flush Indicator Light
  - »Check Valve in Recycle Line
  - »High Pressure Pump Discharge Valve
  - »Recycle S/S Needle Valve
  - »Concentrate S/S Needle Valve
  - »Australian Approved Electricals in IP65 box
  - »316 Stainless Steel Pump
- Optional:
- »FG Membrane Housings
  - »316 Stainless Steel Pump

**Note:-**

Performance will vary depending on raw water quality and temperature. Appropriate pre-treatment may be necessary. Contact Aquacure for details. Images are indicative only. Specifications subject to change without notice.