

# ASAP 300 GPM MOBILE RO COMBO SYSTEM

Watersurplus.com presents the **ASAP 300 GPM Mobile RO Combo System**. This self-contained system combines pretreatment and reverse osmosis capability in a single trailer. This unit is capable of producing 100-300 GPM of low conductivity product water under a variety of raw water conditions.

## **Versatility**

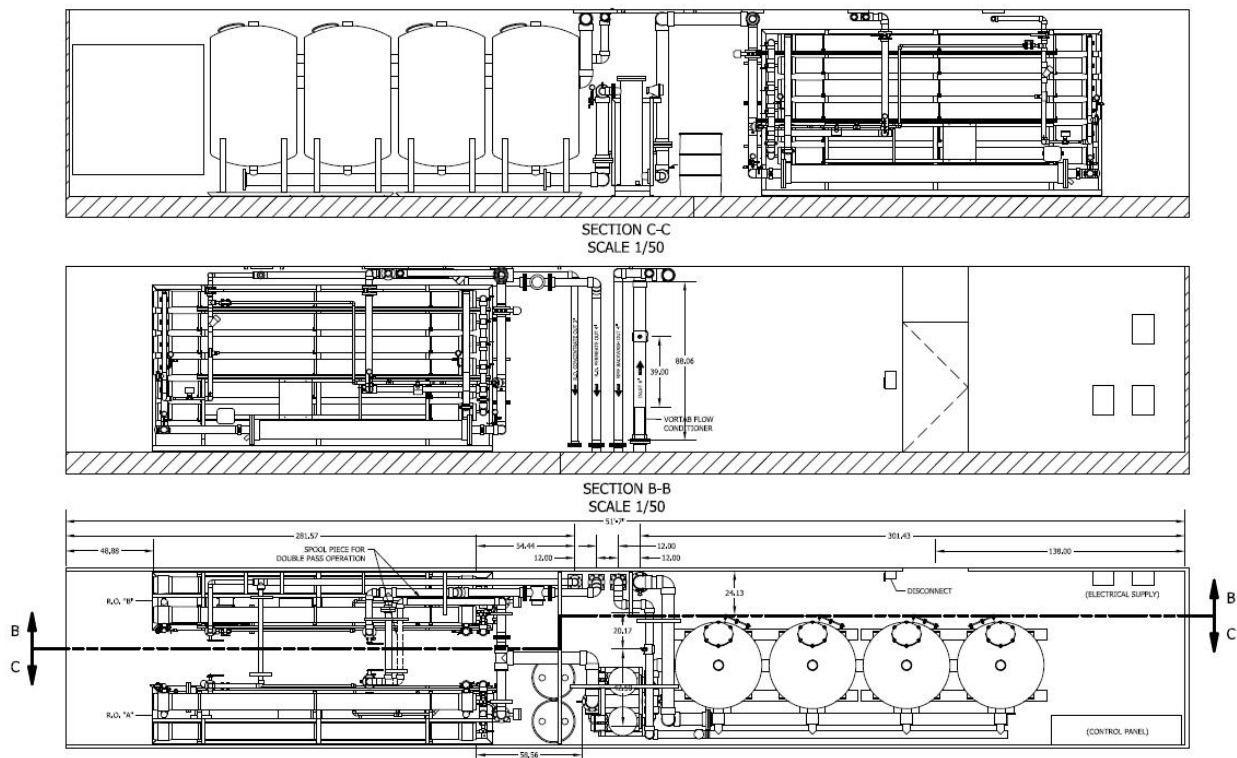
This 300 GPM mobile RO provides multimedia, carbon, iron removal or softening pretreatment depending upon the raw water impurities. It can be configured as a 100-135 GPM two-pass unit for applications requiring extensive DI polishing, reducing polishing costs by 80-95%.

## **Lower Costs, Shorter Response Times**

Combining pretreatment and RO in a single trailer reduces installation costs and response time. Benefits include lower produced water costs and minimum down time for our customers. The mobile system contains instrumentation for fully automatic and monitored operation. Chemical feed skids and fail-safe shut-down controls ensure efficient and reliable operation.

**The ASAP 300 GPM Mobile RO Combo System provides reliable service for:**

- **Temporary or Long-Term Water Treatment**
- **Pilot Plant Operations**
- **Seasonal Peaks**
- **Scheduled Maintenance**



## **ASAP 300 GPM Mobile RO Combo System (REV310037R)**

<b>Dimensions (LxWxH)</b>	53' x 8.5' x 13.5'
<b>Weight (Shipping/Operating)</b>	55,000 lbs. Max./75,000 lbs.
<b>Feed Water (GPM)</b>	135 - 650
<b>Product Water (GPM)</b>	100 - 300
<b>Drain (GPM)</b>	
RO Concentrate	80 - 135
Filter Backwash	100 - 200
<b>Supply Pressure (psig)</b>	60 - 90
<b>Electrical Requirements</b>	480 VAC/3 Phase/200 Amp
<b>Instrument Air Requirements</b>	10 SCFM @ 80 psig
<b>Service Connections (150# PVC Flange or Camlock)</b>	
Inlet	6 inch
Outlet	4 inch
RO Concentrate Drain	4 inch
Filter Backwash Drain	4 inch
<b>Pretreatment Vessels</b>	
Size	4 x 48"D x 60"H (30-50 FT <sup>3</sup> )
Media	Various Filter Media, Carbon, Resin
<b>RO Equipment (two units)</b>	
Membranes	(6:4 Array, 4M), 40 each
Prefilter	316SS, 12 round, 40" high
Pump	11 Stage, 50Hp or 16 Stage, 75 Hp
<b>Control System</b>	
NEMA 4X Allen-Bradley SLC-5/05 PLC with 10-inch HMI interface	
Cellular Broadband connection with remote monitoring (where available)	
GPS Positioning	
VFD Controlled Pump	
Automated reject/flush valve	
Instrumentation	
Flow	Total/Product/Concentrate/Backwash
Conductivity	Feed/Product
Pressure	Various