



Product Overview

ARO-200 Reverse Osmosis System

200 gallon per day system with 5 stage filtration

The Aquios® ARO-200 is a reverse osmosis system designed for residential and light commercial applications that will provide up to 200 gallons per day (GPD) of clean, clear, great tasting drinking water. Our system uses the process by which water molecules are forced through a semipermeable membrane. This causes most of the impurities to be removed and rinsed to the drain while the refined water is routed to an optional holding tank. The Thin Film Composite (TFC) reverse osmosis membrane rejects a high percentage of impurities to bring you the most advanced RO technology. With this system, impurities such as dirt, sediment, rust along with chlorine, chloramines and heavy metals will be removed from your water. You can even add our salt free conditioning cartridges to prevent calcium, magnesium and iron.

Our high pressure, white housings are mounted inline and utilize a 5 micron polypropylene pre-filter, two 5 micron coconut carbon block filters and two 100 gallon per day (GPD) membranes. It includes an installation kit which provides a wrench and 25 feet of white tubing. A water tank is sold separately.

Product Specifications

Model No	Description	Dimensions	Fitting	Box Size	Weight
ARO-200	200 Gallon per day RO System	18" x 9" x 32"	3/4" NPT	24" x 12" x 6"	35 lb
Replacement Filter	Description	Dimensions	Type	Max Flow Rate	
AMB2520-05	5 micron polypropylene pre-filter	2.50" x 20"	Melt blown	15 GPM	
ACB-2520-05	5 micron coconut carbon block filter	2.50" x 20"	Carbon	8 GPM	
TW-2012-100	100 GPD RO membrane	2.0" x 11.70"	Polyamide Compound	-	

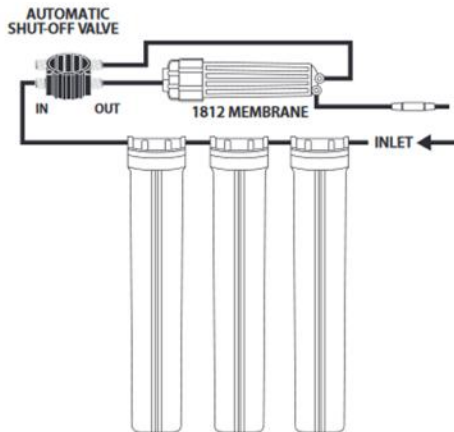
Features

- Designed for residential and light commercial applications
- Quick Connect fittings
- Assembled with NSF components: Membrane housing, cartridges, fittings and tubing
- Available with optional booster or permeate pump
- Filter wrench included
- Two TFC membranes, one prefilter, two 5 micron carbon block filters
- 100% Wet tested

Specifications

- Dimensions: 18" x 9" X 32"
- Recovery Rate: 1:4 Product Waste
- Nominal Salt Rejection: 98%
- Operating Temp: 40°F-100°F
- Max Pressure: 80 PSI
- Max Hardness: 7 GPG
- Ph Range: 3-11
- TDS: < 1000 PPM

Flow Characteristics



Hm Heavy metal removal	Pb Lead removal	200 Gallons per day
5 micron	Sf salt free conditioning	Corrosion control
Sediment reduction	Hf High flow rate	Cl Chlorine removal

Installation Guidelines

Filter housings must be protected against freezing and extreme temperatures. Filter housings should not be in direct contact with sunlight for a prolonged period of time since uv rays can damage filter housings. Pressure should always be measured before installation and water pressure regulators should be installed in the main line or in front of the front of housing if the water pressure exceeds 70 PSI. Installers should make sure filters are the correct length. A leak detector must be installed on all installations where high pressure, water hammer, and pressure spikes are known or are suspected to be present and on all installations where water pressure is over 60 PSI. Failure to do the above may result in cracking of the filter housing, water leakage and water damage.