

# One Piece Manifold RO System

## Reduces:

Arsenic  
Barium  
Cadmium  
Copper  
Cryptosporidium  
Cysts  
Chromium (Hexavalent)  
Entamoeba  
Fluoride  
Giardia  
Lead  
Radium 226/228  
Selenium  
TDS  
Turbidity  
Chromium (Trivalent)

From the technology leader in water treatments systems, the Advant-Edge RO24 One Piece Manifold Reverse Osmosis System provides a seamless water path, effectively eliminating 17 connections. Its easy to install and inexpensive to maintain.



Includes airgap faucet to meet plumbing codes.



- NSF tested and certified to Standard 58
- Four Stage reverse osmosis goes beyond basic water filtration that is provided by “pitcher” or “end-of-tap” filters.
- Exceeds water quality produced by “pitcher”, “end-of-tap” and standard filtration.

## Four Stages of Filtration

- 1. 5-Micron Sediment Filter:**  
*Reduces dirt, sand, and rust*
- 2. 5-Micron Carbon Block Filter:**  
*Reduces Chlorine taste and odor*
- 3. High Production RO Membrane:**  
*Reduces water impurities down to 1/10,000 of a micron*
- 4. Carbon Block Filter:**  
*Final filter to enhance the water's taste*

## Recommended Filter Change

Filters:	Frequency:
1st stage:	5-micron sediment 6 months
2nd stage:	5-micron carbon 6 months
3rd stage:	RO membrane 2 – 5 years
4th stage:	Carbon Block 6 months



<b>Operating Temperatures:</b>	Maximum 100°F (37.8°C)	Minimum 40°F (4.4°C)
<b>Operating Pressure:</b>	Maximum 85 psi (6.0 kg/cm <sup>2</sup> )	Minimum 40 psi (2.80 kg/cm <sup>2</sup> )
<b>pH Parameters:</b>	Maximum 11	Minimum 2
<b>Iron:</b>	Maximum 0.2 ppm	
<b>TDS (Total Dissolved Solids)</b>	< 1800 ppm	
<b>Turbidity</b>	< 5 NTU	

NSF Certified under NSF/ANSI Standard 58 for reduction of the substances listed below. The concentration of the indicated substances in water entering the system was reduced to a concentration less than or equal to the permissible limit for water leaving the system as specified under the standard.

## Contaminant

## Avg. In.

## Reduction

Arsenic (Pentavalent)	334.615 ug/L	98.4%
Barium	10.2 mg/L	98.7%
Cadmium	0.031 mg/L	99.7%
Chromium (Hexavalent)	0.30 mg/L	98.0%
Chromium (Trivalent)	0.30 mg/L	99.0%
Copper	3.0 mg/L	98.7%
Cysts	222,077#/ml	99.99%
Cryptosporidium 2	22,077#/ml	99.99%
Entamoeba	222,077#/ml	99.99%
Fluoride	8.0 mg/L	95.9%
Giardia	222,077#/ml	99.99%
Lead	0.15 mg/L	97.3%
Perchlorate	0.10 mg/L	97%
Radium 226/228	25pCi/L	80.0%
Selenium	0.10	99.0%
TDS	765mg/L	96.8%
Turbidity	81 NTU	99.8%
Toxoplasma	222,077#/ml	99.99%