

# DRINKING WATER

## Filtered Water Right From The Tap

The A. O. Smith PRO reverse osmosis drinking water system is a top of the line RO system that provides the cleanest water possible. Multiple filters transform ordinary household water into pristine water by reducing unwanted contaminants. Installation and filter changes are simple, plus no electricity is needed for operation! Stop buying bottled water with a convenient, affordable, environmentally-friendly reverse osmosis filtration system.



### System Features & Benefits:

- **Tested & Certified** to reduce contaminants as lead, arsenic, copper, cysts, and much more
- **Cost effective** option to bottled water
- **Better tasting soups**, sauces and meals when prepared with R.O. water
- **Ease of use** service-friendly cartridge modules
- **Convenient**, clean water ready at the tap
- **Environmentally sound** water treatment
- **Clearer** ice cubes

**AO Smith**

**PRO**



*Tested and Certified by NSF International against NSF/ANSI Standard 58 for the reduction of the claims specified on the Performance Data Sheet.*

[aosmith.com/watertreatment](http://aosmith.com/watertreatment)



# Performance you can trust.

- 1

**Pre-Filter**  
The first cartridge water encounters removes a good amount of unwanted particles before traveling through the remaining system. This extends the life of your R.O. membrane.
- 2

**Water With Contaminants**  
Water containing additional particles enter the membrane chamber. Pressure forces this in-coming water through the filtering process.
- 3

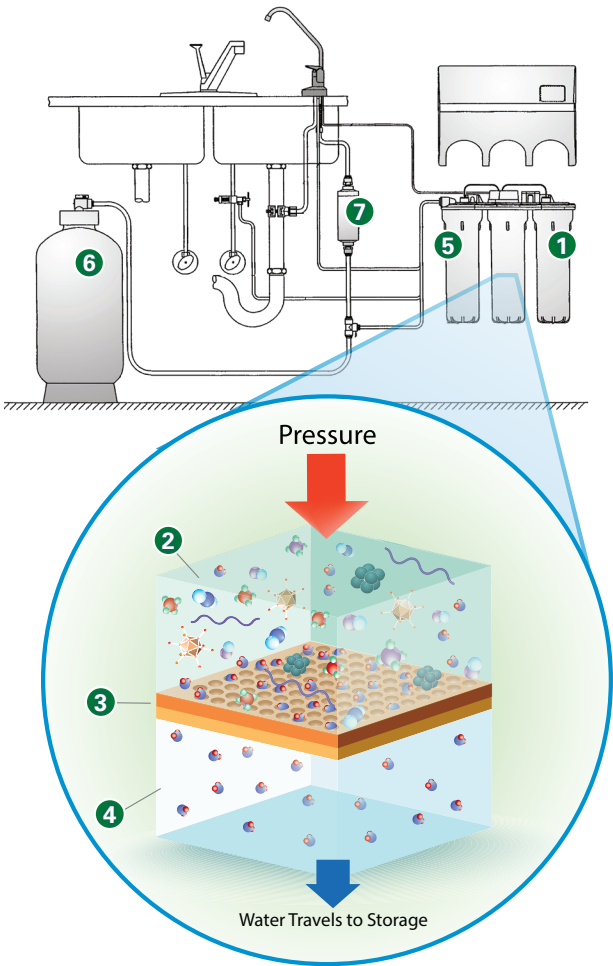
**Semi-Permeable Membrane**  
Most of the remaining unwanted particles are collected by the membrane while water molecules pass through freely.
- 4

**Filtered Water**  
Water is released from the membrane cartridge to continue the filtration process.
- 5

**Post-Filter**  
Any impurities that are small enough to also pass through the membrane are removed by a carbon block filter cartridge to provide the highest quality water possible.
- 6

**Holding Tank**  
Treated water accumulates in the storage tank, to ensure there is always an on-demand supply.
- 7

**Final Carbon Filter**  
As water is drawn through the faucet, it travels from the holding tank through one last carbon filter as a final polish before it reaches you and your family.



Contaminant Reduced	AORO-50
Arsenic V	97%
Barium	96%
Cadmium	98%
Chromium (Hexavalent)	96%
Chromium (Trivalent)	98%
Copper	99%
Fluoride	94%

Contaminant Reduced	AORO-50
Lead	99%
Nitrate (as N)	70%
Nitrite (as N)	75%
Radium 226/228	80%
Selenium	97%
Total Dissolved Solids (TDS)	94%
Cysts	99%

Do not use reverse osmosis systems with water that is micro-biologically unsafe or of unknown quality without adequate disinfection before or after the system. Tested and Certified by NSF International against NSF/ANSI Standard 58 for the reduction of the claims specified on the Performance Data Sheet.

Your local water treatment professional:

