



DRINKING WATER SYSTEMS



Water treatment innovations
inspired by your lifestyle

Healthy water at home.

The most important water in your home is the kind your family consumes. Whether it's a tall glass of water or boiling pasta, you deserve to have water free from impurities. Get a tap you can trust with our A. O. Smith Specialized Water Solutions reverse osmosis drinking water system.

The certified AORO-50 model is designed for your peace of mind. It has been tested and certified to reduce harmful contaminants such as lead, arsenic, copper, cysts, and much more. With easy to change cartridges, the AORO-50 is the low maintenance, cost effective answer to providing the highest quality water available in your home.

Stop buying bottled water with a convenient, affordable, environmentally-friendly reverse osmosis filtration system.



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



SPECIALIZED
WATER SOLUTIONS



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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 enters 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

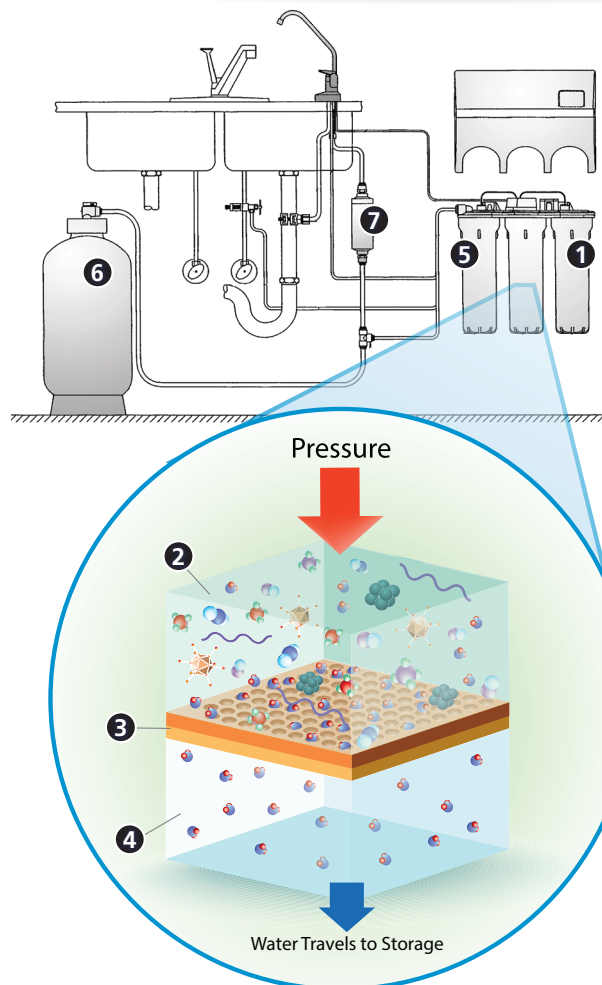
Any impurities that are small enough to also pass through the membrane are removed by a carbon block filter cartridge to provide the highest quality water possible.

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.



Performance you can trust.

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.

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Your local water professional:

