

Aqua-Pure®

AP-R05500

Reverse Osmosis System

Application: Higher Quality Water



Exclusive quick change filter design

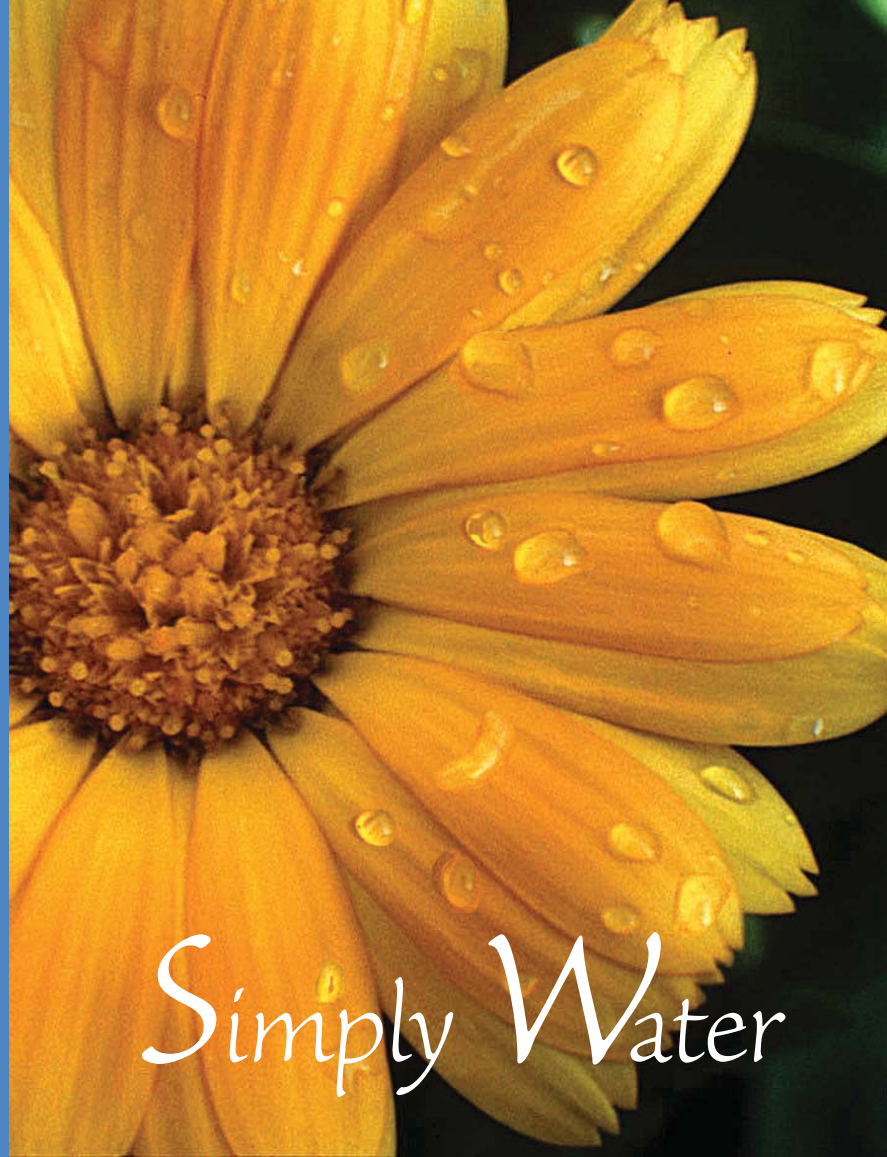
Installation hardware, faucet and pipe connections included

Features and Benefits:

- Many industries requiring high quality water use reverse osmosis (RO) technology worldwide. When combined with other filtration techniques, reverse osmosis physically reduces a high percentage of dissolved molecular sized contaminants from residential drinking water. The system treats water in phases:
 1. 5 micron (nominal) sediment/activated carbon pre-filter
 2. Reverse Osmosis dissolved solids separation
 3. Filtered water storage tank
 4. Activated carbon post-filter
- System designed for both chlorinated and non-chlorinated municipal or well systems.
- Conserves water, shutting down when storage tank is full. Automatically turns on to refill tank.
- Self-cleaning RO membrane helps provide inexpensive higher quality water.
- Ultraviolet light package available for bacterial/viral control.
- 1/4 turn sanitary quick-change filter designed for easy cartridge change-out.
- Designed for worldwide commercial food service applications, adapted for residential use.

Made from FDA* CFR-21
Compliant Materials

*Food and Drug Administration



Simply Water

Simply Water...ordinary tap water refined. By utilizing a self-cleansing technology, the Aqua-Pure® reverse osmosis drinking water system provides long lasting improved water quality that is clear and refreshing. Whether using public or private water sources, Aqua-Pure filtration technologies deliver cleaner, clearer water for your family's enjoyment.

Choice of the Professional Plumber.

3M

Aqua-Pure®



System Model: AP-RO5500 Drinking Water System

Replacement Cartridge Model: AP5527 (pre/post filters)
RM-TFC (RO membrane)

Drinking Water Systems (for use with beverage faucet)

Advantages of the AP-RO5500 System

- Easy installation beneath kitchen sink conveniently dispenses cleaner, clearer water for cooking and consumption.
- Requires no electricity, powered by residential water line pressure.
- Adaptable for use with non air-gap decorative beverage faucets to match any decorative style and function.
- Sanitary Quick Change System
 - clean filter replacement does not require handling filter media
 - pre and post filters as easy to change as a common household light bulb
 - RO module equipped with quick-connect fittings for tool-free replacement
- Capable of providing filtered water to multiple water using appliances:
 - kitchen and bar sinks, lavatory, hot-water dispensers and refrigerator/icemakers.

Price Per Gallon of Water (as of 9/17/06)

Water Cooler	Bottled Water	Pour Through Pitcher	Filter in Faucet	AP-RO5500
\$2.25 per gallon ¹ plus monthly rental fees	\$0.79 to \$1.50 per gallon plus labor and handling	\$0.31 per gallon ¹ plus patience	\$0.34 per gallon ¹ bulky and unsightly	\$0.12 per gallon ¹ reverse osmosis
<ul style="list-style-type: none"> • Expensive • Heavy 5 gallon bottles weigh 40 lbs (18.1 kg). Risk of injury and spills. • Water delivery-By homeowner or more often by diesel engine (leaded fuel) trucks. • Storage required for both full and empty bottles. • Awkward placement. Clash with high-style decorative kitchen designs. • Often requires electricity. • Limited usage-not practical for food preparation. • Cannot supply other water using appliances. 	<ul style="list-style-type: none"> • Expensive • Heavy and cumbersome. • Requires frequent trips to market. • Storage space required. • Limited usage-not practical for food preparation. • Cannot supply other water using appliances. • Bottled water not necessarily "cleaner" than ordinary tap water¹ 	<ul style="list-style-type: none"> • Frequent filter replacements with yearly costs above \$75². • Limited volume-complaints of constant filling which can take up to 20 minutes. • Pitcher requires continuous cleaning, takes up space on counter or inside refrigerator. • Limited usage-not practical for food preparation/cooking due to limited capacity. • Clogs easily-even slower drip filtration plus shorter filter life. • Cannot supply other water using appliances. 	<ul style="list-style-type: none"> • Frequent filter replacements with yearly costs above \$90². • Short filter life: 200 gallons (757 liters). • Awkward styling: low decorative appeal. • Lower flow rates (0.5 gpm/1.89 lpm) at 8x's the installed cost compared to faucet mount styles. • Clogs easily-even slower flow rates with shorter filter life. • Cannot supply other water using appliances. 	<ul style="list-style-type: none"> • Average three year (self-flushing membrane life). • One year pre/post filter life: low maintenance. • Easy filter replacement: no tools required. • Separate faucet dispenses filtered water on demand. • Can service other water using appliances: (refrigerator water/ice, hot water tap, bar sink). • Reduces molecular sized dissolved solids (TDS).
¹ Hartford Courant (9/17/06)	¹ National Resources Defense Council (NRDC)	¹ Consumer Reports 2006 ² Consumer Reports, Aug 2000	¹ Hartford Courant (9/17/06) ² Consumer Reports, Aug 2000	¹ Cost per gallon based on annual pre and post filter replacement plus membrane replacement every three years.

WARNING: Do not use with water that is microbiologically unsafe or of unknown quality without adequate disinfection before or after the system.



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

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CUNO Incorporated
400 Research Parkway
Meriden, CT 06450, U.S.A.
Toll Free: 1-800-222-7880
Worldwide: 203-237-5541
Fax: 203-238-8701

www.aquapure.com • www.cuno.com