

CLEARLY *Great* WATER



Aqua-Pure[®]



Aqua-Pure Drinking Water Products



Aqua-Pure Filtration Products

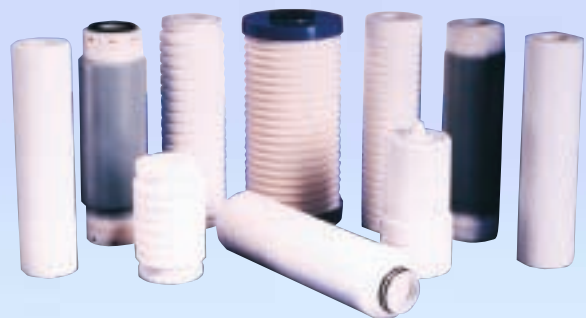
CHOOSE AQUA-PURE® PRODUCTS



Aqua-Pure Housings



Aqua-Pure Treatment Products



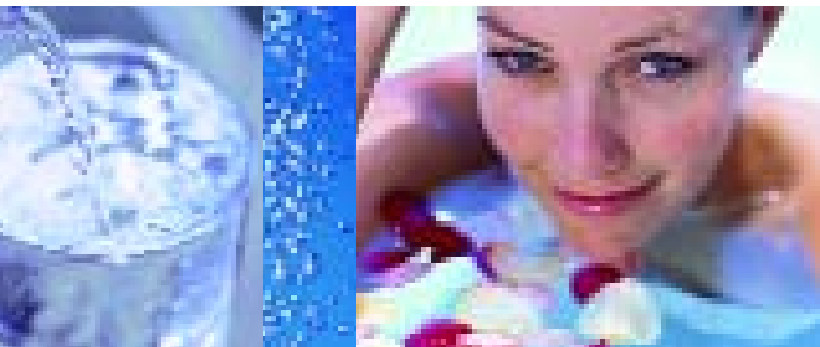
Aqua-Pure Cartridges

Aqua-Pure® water filtration and treatment products from CUNO Incorporated are the clear choice of plumbing professionals. Why? Because Aqua-Pure products have patented and proprietary features that deliver superior performance and convenience unmatched in the industry.

FOR CLEARLY *Great* WATER™

Our Sanitary Quick Change (SQC) Cartridges, available throughout our line of drinking water systems, take the hassle out of cartridge changes, making them easier than changing a light bulb.

With the industry's most complete product line, Aqua-Pure can help solve all your water problems, from simple sediment issues to complex contamination problems. Our technical experts, in conjunction with our distributors, offer free water testing to insure an accurate diagnosis of the problem and a recommendation for the best solution. Homeowners and plumbing professionals have relied on Aqua-Pure to provide quality water solutions for generations.



Founded in 1912 and recently acquired by the 3M Company, CUNO Incorporated is a world leader in filtration products. CUNO products are used daily in millions of homes, restaurants, laboratories and factories worldwide. CUNO is a global company with production facilities worldwide.



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A Growing Concern

Drinking Water

Most public and private water supplies in the US are safe to drink. Yet a growing number of people are concerned about the quality of their drinking water. **In fact, according to a Water Quality Association Survey, 86% of Americans are concerned about their water quality*.**

Many homeowners are clearly not satisfied with the taste of their tap water as demonstrated by the growing sales of filtration equipment and bottled water. Most municipalities add chlorine to their water to help assure its healthiness, but this can result in a less than desirable taste.

What About Bottled Water?

Compare cost, quality and convenience — Aqua-Pure drinking water systems are the clear choice.

	Aqua-Pure Filtered Water	BOTTLED WATER	
		1 Gallon Jugs and Sport Bottles	Water Cooler for Home or Office (5 Gallon Bottles)
COST	\$0.03 to \$0.21** per gallon, varies by system	\$1 for gallon jugs Up to \$8 per gallon for sports bottles	\$1.30 per gallon
QUALITY	Tap water is regulated by the EPA and Aqua-Pure filter claims are certified by WQA† or NSF††	Water quality is not always assured. Only limited FDA regulations apply.	
CONVENIENCE	Nothing to carry Out of sight under counter installation Great for food prep and can also be used to supply multiple locations	Bottles are heavy (8 pounds/gallon) and require lots of storage space Not practical for food preparation and cannot supply other appliances Cumbersome to change out bottles	

WATER QUALITY ISSUES

Aqua-Pure products provide you and your family with a wide array of products designed to reduce contaminants from drinking water. Below is a summary of some of the contaminants that have been found in water supplies. To learn more about these contaminants visit www.epa.gov/safewater.

CYST an encapsulated cryptosporidium which is a parasite that enters lakes and rivers through sewage and animal waste. It causes cryptosporidiosis, a mild gastrointestinal disease. However, the disease can be severe or fatal for people with severely weakened immune systems.

LEAD The EPA estimates that up to 20 percent of human exposure to lead is attributable to lead in drinking water. For children, this results in delays in physical or mental development. For adults, it can result in kidney problems or high blood pressure.

VOLATILE ORGANIC CONTAMINANTS (VOCs) are a group of over 40 chemical contaminants (including chemicals like benzene, toluene, and styrene) that have been found to have negative effects on human health.

MTBE Methyl tertbutyl ether (MTBE) is a volatile chemical that is derived from natural gas that is added to gasoline. The chemical properties and widespread use of MTBE can result in contamination of drinking water sources.

TOTAL DISSOLVED SOLIDS (TDS) refers to the amount of minerals, salts, metals, cations and anions dissolved in water. This includes anything present in water other than pure H₂O and suspended solids. Levels of TDS greater than 500 mg/L can cause stomach irritations.

*National Consumer Water Quality Survey, WQA, February 2001

**Based on replacement cartridge cost

†Water Quality Association

††National Sanitation Foundation

Aqua-Pure®



PREMIUM PERFORMANCE DRINKING WATER SYSTEMS

All Aqua-Pure products are designed to provide you with great tasting drinking water on tap. Installed under the sink, our systems help offer protection and peace of mind for your family against potential contamination. Choose the system that best fits your needs and start enjoying bottled water quality right from your tap.

INSERT THE NEW CARTRIDGE



Filter cartridge changes are easy, no tools required

AQUA-PURE'S PATENTED SQC ADVANTAGE

Aqua-Pure drinking water systems feature our exclusive sanitary quick change (SQC) design. This patented design eliminates the difficulties and mess usually associated with traditional drop-in style systems and makes replacing a cartridge easier than changing a light bulb.

INDEPENDENT DRINKING WATER FAUCET SYSTEMS

At about 0.6 gpm (2.3 lpm), these systems deliver filtered water through a separate faucet installed on your sink. **Standard faucet included. Designer Series faucets available. (See page 5)**

AP-R05500
SQC RO
(Reverse Osmosis)



Reduces chlorine taste & odor, total dissolved solids; includes 2.5 gal. (9.5 lit.) storage tank
NSF Listed
Available Less Faucet

Pre & Post Filter
1 year capacity; RO module 1-3 year capacity. Flows at 0.5 gpm (1.9 lpm).

AP-DWS1000
Metered Dual SQC Carbon



Reduces chlorine taste & odor, VOCs/MTBE/lead/cyst/turbidity
NSF Listed
Available Less Faucet

625 gallon (2,366 lit.) capacity @ 0.5 gpm (1.9 lpm)

AP EASY COMPLETE
SQC Carbon



Reduces chlorine taste & odor, lead & cyst, sediment & rust and helps prevent scale build-up plus reduces limited VOCs
NSF Listing Pending
Available Less Faucet

500 gallon (1,893 lit.) capacity @ 0.5 gpm (1.9 lpm)

AP EASY LC
SQC Carbon



Reduces chlorine taste & odor, sediment & rust and helps prevent scale build-up
Reduces lead & cyst
NSF Listing Pending
Available Less Faucet

500 gallon (1,893 lit.) capacity @ 0.5 gpm (1.9 lpm)

AP EASY CS-S
SQC Carbon



Reduces chlorine taste & odor, sediment & rust and helps prevent scale build-up
NSF Listing Pending
Available Less Faucet

750 gallon (2,839 lit.) capacity @ 0.5 gpm (1.9 lpm)

FULL FLOW SYSTEMS

See next page

Full flow systems are easy to install and economical to use.



FULL FLOW SYSTEMS

At 2 gallons per minute (7.6 lpm), these systems improve the taste of the water that comes directly from your tap. These systems are easy to install and are an economical option for great tasting water.

AP EASY CYST-FF

SQC Carbon



Reduces cyst, chlorine taste & odor, sediment & rust and helps prevent scale build-up*

NSF listed

2,000 gallon
(7,571 lit.) life
@ 2.0 gpm (7.6 lpm)

AP EASY CS-FF

SQC Carbon



Reduces chlorine taste & odor, sediment & rust and helps prevent scale build-up*

NSF listed

2,000 gallon
(7,571 lit.) life
@ 2.0 gpm (7.6 lpm)

AP510

SQC Carbon



Reduces chlorine taste & odor

2,000 gallon
(7,571 lit.) capacity
@ 2.0 gpm (7.6 lpm)

AP200

Carbon



Reduces chlorine taste & odor
NSF listed

2,000 gallon
(7,571 lit.) capacity
@ 2.0 gpm (7.6 lpm)

*Scale reduction not tested or certified by NSF.

Finishing Touches For Your Aqua-Pure Drinking Water System

DRINKING WATER FAUCETS
WITH STYLE AND FUNCTIONALITY

To compliment today's kitchen designs, we offer a choice of faucet styles and finishes.



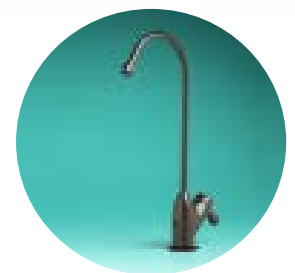
Standard
Faucets



POLISHED CHROME
C7E-CRM*



SATIN NICKEL
C7E-STN*



OIL-RUBBED BRONZE
C7E-ORB*

Designer Series Dedicated Faucets

The new Aqua-Pure Designer Series of Dedicated Faucets is available in today's most popular kitchen and bathroom faucet and hardware finishes. These faucets, with their graceful high arch, easily allow for cups and glasses, as well as pots and pans to be filled with clean, clear filtered water right at the sink. The Designer Series is available in polished chrome, satin nickel and oil-rubbed bronze. The Aqua-Pure oil-rubbed bronze finish happens to be a "living finish." Living finishes change in their appearance over time, taking on a slightly new patina. Market research by major faucet manufacturers show that the living finish is a very sought after finish for many higher end kitchens and baths. Aqua-Pure has made that high-end finish available and affordable with this new series.

*Available in NA (non-airgap)
and AG (airgap) versions.

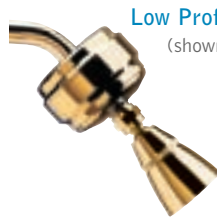
The Ultimate Showering Experience

On the outside, what you see are beautifully designed filtration systems with sleek styling and finishes that match your decor. Inside are expertly-engineered components that help reduce the harmful effects of chlorine while providing the utmost in quality and functionality.



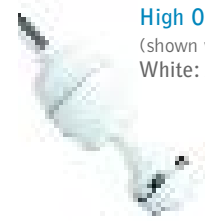
Low Profile Shower Filter
(shown with optional showerhead)
White: APLPSF-WH

also available in:
Chrome: APLPSF-PC
Brass: APLPSF-PG



Low Profile All Metal Shower Filter
(shown with optional showerhead)
Brass: APLPBSF-PB

also available in:
Nickel: APLPBSF-SN
Chrome: APLPBSF-PC



High Output Shower Filter
(shown with optional showerhead)
White: APHOSH-WH

also available in:
Chrome: APHOSH-PC
Brass: APHOSH-PG



Our Premier 5-Way Combo Filtered Showerhead
Shown: APSH5-CT

also available with
Brass Trim: APSH5-BT

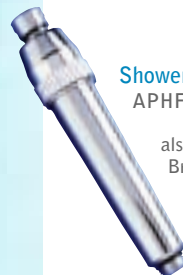
ENJOY THE BENEFITS OF AQUA-PURE'S EASY-TO-INSTALL, EASY TO CHANGE SHOWER FILTRATION SYSTEMS:

HEALTHIER HAIR Hair is softer, has better texture and color-treated hair fades less quickly.

SMOOTHER SKIN Why use expensive lotions to treat the dry, itchy skin caused by bathing in chemically treated water? Showering with filtered water helps leave skin naturally soft and supple.

CLEANER ENVIRONMENT Breathing steamy, chlorine fumes is unpleasant and may be of concern for anyone with asthma or other lung problems. An Aqua-Pure shower filter reduces the odor and harmful fumes.

PEACE OF MIND We all want healthy options for our families. Begin right in your own home with an Aqua-Pure shower filtration system.



Shower Handheld Filters
APHF-PC

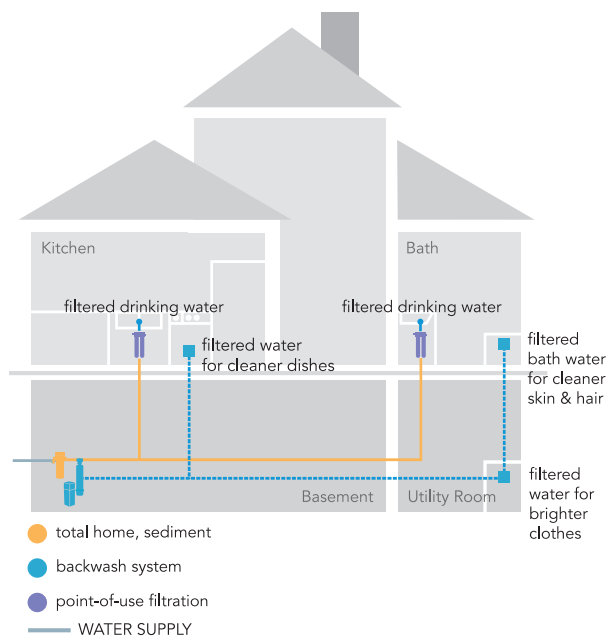
also available in:
Brass: APHF-PG

Designer Handheld Shower Filtration System with 5-Way Spray
APHHSF-WH

also available in:
Chrome: APHHSF-PC
Brass: APHHSF-PG

Matching showerheads available.

Convenient and Efficient Whole House Filtration



Almost every home can benefit from a filtration system that filters water as it first enters the home. Called “point of entry” systems, they are used to filter sediment and/or improve taste and reduce odor.

There are two types of systems: cartridge systems which are generally smaller and use a replaceable filter cartridge; and backwash systems which are generally larger and consist of a tank, filtration media and a control valve. Backwash systems have the advantage of being self-cleaning and require only occasional maintenance, typically done annually.



One of Our Cartridge Systems
AP801 Housing & AP810 Cartridge



Backwash System

WHICH SYSTEM SHOULD YOU CHOOSE?

Both systems can handle most sediment, and taste and odor issues. Cartridge systems usually require a lower initial investment, but have higher operating cost due to the replacement cartridge cost. Conversely, backwash systems have higher initial cost, but may have a lower lifetime cost. Your contractor or plumbing professional can help you decide which system best suits your home.

WHY IS SEDIMENT A CONCERN?

Sediment can cause a variety of problems from cloudy water, to stains, to damage of plumbing fixtures and appliances that use water. In fact, a recent Gallup poll found that of 116 million U.S. homes and businesses, over 70% will eventually experience some type of water problem related to sediment.

Homes with well water frequently have an undesirable level of sediment in their water. Even homes with municipal water may have problems due to older water supply pipes and water service interruptions such as hydrant cleaning or new construction in the area.

The smell and taste of a home’s water supply can also be improved by using a whole house system with a carbon media filter.

Cartridge Systems

FREQUENTLY ASKED QUESTIONS

METAL OR PLASTIC HOUSING? Metal systems offer the ultimate in durability, the best protection against failures, and the ability to filter higher temperature liquids. Plastic housings are sufficient for residential applications, filtering water at temperatures below 100°F (38°C). All Aqua-Pure housings include superior features and carry a 10 year warranty.

TRANSPARENT OR OPAQUE PLASTIC?

Systems using either transparent or opaque materials will provide equal levels of filtration. With a transparent housing system you can see the filtration system working and have a visual indication of when the cartridge needs to be replaced. Please note that a drop in water pressure or flow are also indications that the cartridge needs replacing. Transparent housings are not suitable for outdoor applications.

NO VALVE OR VALVE-IN HEAD? Some models of plastic housings come with a shut-off valve built into the head of the housing. This feature simplifies installation and cartridge changes. Always check local plumbing codes for installation requirements.

WHAT ABOUT WARRANTIES? Aqua-Pure branded housings offer some of the industry's best warranties: Our plastic and stainless housings include a 10 year warranty. Most competitive housings and those found in home centers offer a 1 or 2 year warranty.

WHICH CARTRIDGE IS BEST? Aqua-Pure cartridges offer the maximum filtration performance and cartridge capacity. Information on individual cartridge features can be found on pages 8 and 9.

WHAT'S THE DEAL WITH FLOW RATES?

The larger the diameter of the housing, the higher flow rates it can handle. In addition, larger diameter cartridges will generally last longer and have higher sediment capacities, meaning less frequent cartridge changes, thereby saving time and money. The same is true for length — the longer the housing (and cartridge), the higher flow rate and cartridge capacity.

Aqua-Pure housings offer some of the industry's best warranties

STAINLESS STEEL HOUSINGS

Electropolished 316L stainless steel for residential, high purity process and food grade environments

316L stainless steel provides longer lasting protection against highly corrosive environments

Sizes range from 4 to 36 cartridges with maximum flow rates between 32 and 288 gpm (121 and 1090 lpm)



SS4 EPE-316L

SS8 EPE-316L

SST1

1 high, standard diameter
316 stainless head,
304 stainless body
3/8" NPT Vertical
8 gpm (30.3 lpm)

SST2HB

2 high, standard diameter
316 stainless head,
304 stainless body
1" NPT Horizontal
16 gpm (60.6 lpm)

AP2610SS

2 high, standard diameter
Includes AP110-2 sediment cartridge
16 gpm (60.6 lpm)

SST1HA

1 high, standard diameter
316 stainless head,
304 stainless body
3/4" NPT Horizontal
8 gpm (30.3 lpm)

AP1610SS

1 high, standard diameter
Includes AP110 sediment cartridge
8 gpm (30.3 lpm)

Aqua-Pure Filter Systems

The Clear Choice of Plumbing Professionals

Plumbing professionals and homeowners choose Aqua-Pure housings for their performance and durability. Features include:

- advanced design for easier installations and cartridge replacement
- superior materials for longer life
- **10 year warranty!**

LARGE DIAMETER HOUSINGS

for maximum flow rates, ideal for newer homes

Models available with and without premium AP810 sediment cartridges



AP801-C (left)

1 high, opaque sump
1" NPT
Includes AP110, wrench and mounting bracket
20 gpm (75 lpm)

AP801-1.5-C

1 high, opaque sump
1.5" NPT
Includes AP110, wrench and mounting bracket
28 gpm (106 lpm)

AP801 (center)

1 high, opaque sump
1" NPT
20 gpm (75 lpm)

AP802 (right)

2 high, opaque sump
1" NPT
45 gpm (170 lpm)

AP801T-C

1 high, transparent sump
1" NPT
Includes AP810, wrench and mounting bracket
20 gpm (75 lpm)

AP802-1.5-C

2 high, opaque sump
1.5" NPT
Includes AP810, wrench and mounting bracket
60 gpm (227 lpm)

Aqua-Pure housings offer some of the industry's best warranties

PERFORMANCE VALVE IN HEAD PLASTIC HOUSINGS

for easy installation and cartridge changes



AP101T

1 high, transparent sump
includes AP110 sediment cartridge
8 gpm (30.3 lpm)



AP102T

2 high, transparent sump
cartridges sold separately
12 gpm (45.4 lpm)

PERFORMANCE PLASTIC HOUSINGS



AP11T

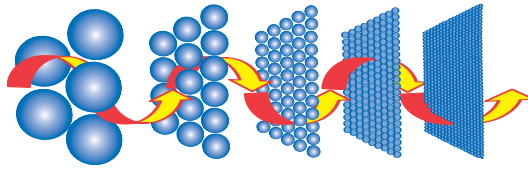
1 high, transparent sump
includes AP110 sediment cartridge
8 gpm (30.3 lpm)



What micron rating should you choose?

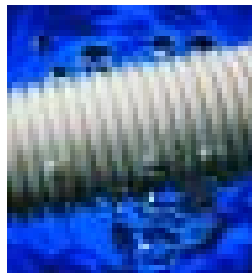
Most cartridges include a micron rating. One micron is equivalent to 0.000039 inches. (A human hair measures 50 to 70 microns in diameter.) Particles 5 microns and smaller usually do not cause a problem. We recommend starting with the smallest rated micron cartridge first, such as a 5 micron AP110. If the cartridge is loading up too fast, then you may choose a higher-rated micron cartridge to achieve the proper balance between performance and cartridge life.

Aqua-Pure Sediment Cartridges



MULTI-STAGE CONSTRUCTION

Maximizes dirt-holding capacity by capturing sediment throughout the depth of the cartridge and are more rigid and durable than other types of cartridges.



LOOK FOR THE RIDGES!

The ridges on Aqua-Pure cartridges maximize the surface area of the cartridge (60% more than smooth cartridges), further increasing the dirt holding capacity of the cartridge and overall filter life.



Height	Nominal Micron	Max. Rate Flow	Model
9 3/4" (24.8 cm.)	5	8 gpm (30.3 lpm)	AP110
9 3/4" (24.8 cm.)	25	8 gpm (30.3 lpm)	AP111
9 3/4" (24.8 cm.)	50	8 gpm (30.3 lpm)	AP124
19 1/2" (49.5 cm.)	5	16 gpm (60.6 lpm)	AP110-2
19 1/2" (49.5 cm.)	25	16 gpm (60.6 lpm)	AP111-2
19 1/2" (49.5 cm.)	50	16 gpm (60.6 lpm)	AP124-2

9 3/4" cartridges fit AP11, AP101, and AP1610 housings.
19 1/2" cartridges fit AP12, AP102, and AP2610 housings.



Height	Nominal Micron	Max. Rate Flow	Model
9 3/4" (24.8 cm.)	5	20 gpm (75.7 lpm)	AP810
9 3/4" (24.8 cm.)	25	20 gpm (75.7 lpm)	AP811
9 3/4" (24.8 cm.)	50	20 gpm (75.7 lpm)	AP814*
20" (50.8 cm.)	5	45 gpm (170.3 lpm)	AP810-2
20" (50.8 cm.)	25	45 gpm (170.3 lpm)	AP811-2
20" (50.8 cm.)	50	45 gpm (170.3 lpm)	AP814-2*

9 3/4" cartridges fit the AP801 housing.
20" cartridges fit the AP802 housing.

*Filament-wound, media blanket cartridge

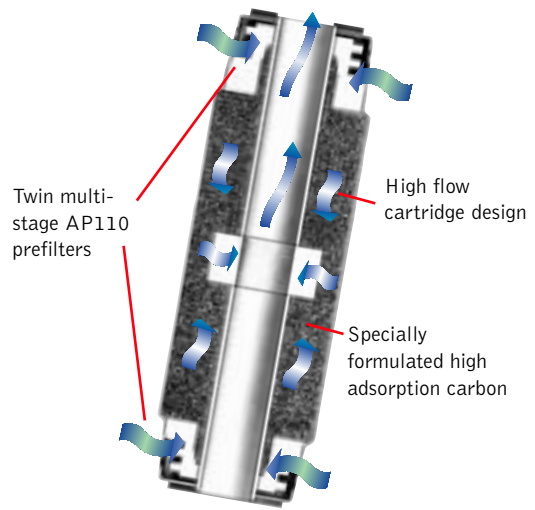
Aqua-Pure Chlorine Taste and Odor Cartridges

GREAT TASTE Aqua-Pure's AP117 improves the taste of water by reducing undesirable chlorine taste and odor in your water.

LONG LASTING The AP117 lasts up to 10,000 gallons at 3 gpm (37,854 lit. at 11.4 lpm)*. So no matter what your application, it will usually require less frequent replacement than competitive cartridges.

ADVANCED DESIGN The AP117 is manufactured using a proprietary CUNO manufacturing process. The AP117 allows water to enter from both ends of the cartridge and has two built-in pre-filters, as compared to competitive carbon cartridges, the AP117 delivers:

- More chlorine reduction capacity
- Higher flow rates
- Lower pressure drops
- Superior ability to handle sediment



AP117's high flow, high carbon adsorption design



AP117

Height	Nominal Micron	Max. Rate Flow (gpm) / Gallon life**	Model
9 3/4" (24.8 cm.)	5	3 / 10,000 (11.4 lpm / 37,854 lit.)	AP117
19 1/2" (49.5 cm.)	5	6 / 20,000 (22.7 lpm / 75,708 lit.)	AP117 (stack 2 high)

9 3/4" cartridges fit AP11, AP101, and AP1610 housings.
19 1/2" cartridges fit AP12, AP102, and AP2610 housings.



AP815

Height	Micron	Max. Rate Flow (gpm) / Gallon life**	Model
9 3/4" (24.8 cm.)	5	5 / 40,000 (19 lpm / 151,416 lit.)	AP815
20" (50.8 cm.)	5	10 / 80,000 (37.9 lpm / 302,832 lit.)	AP815-2

9 3/4" cartridges fit the AP801 housing.
20" cartridges fit the AP802 housing.

In addition to the popular cartridges listed here, many more cartridges are available in a range of sizes and micron ratings to address a variety of other water problems. An Aqua-Pure specialist can help you select the best cartridge to solve your problem.

Call 1-800-222-7880 and ask for Technical Services.

*Based on manufacturer's testing.

**Max. rate flow per gallon life based on manufacturer's testing.

Protecting Refrigerators and Water Heaters

REFRIGERATOR FILTERS

For In-Line Water Dispensers and Ice Makers

Performance of refrigerators with automatic ice makers and built-in water dispensers improves when an Aqua-Pure filter is used. Lasting between 6 months and 1 year (750 to 2,500 gallons / 2,839 to 9,464 liters), Aqua-Pure filters reduce scale and improve taste and odor. They are also an economical alternative to the refrigerator manufacturer's higher priced replacement filters.



IL-IM-01

Reduces chlorine taste & odor, sediment & rust
2,500 gallon (9,464 liters) capacity
@ 0.5 gpm (1.89 lpm)
1/4" push-in fittings



IL-IM-02

Reduces chlorine taste & odor, sediment & rust
Reduces cyst
750 gallon (2,839 liters) capacity
@ 0.5 gpm (1.89 lpm)
1/4" push-in fittings



AP717

Reduces sediment, chlorine taste & odor, with scale inhibition
1,500 gallon life
(5,678 liters) capacity
@ 0.5 gpm (1.89 lpm)



WATER HEATERS

When scale prevention is the primary goal, Aqua-Pure offers a choice of economical solutions.

The AP430SS products are ideally suited for installation on the supply side of a water heater and help to maintain maximum system efficiency and extend their life.

The AP420 cartridge can be used in any whole house system housing to provide scale inhibition as well as sediment removal for up to six months, helping to extend the life of all water-using appliances.



AP430SS

Includes AP431 cartridge
Up to 6 gpm (22.7 lpm)
Hot water scale reduction



AP420

5 micron sediment reduction
Up to 8 gpm (30.3 lpm)
Scale reduction

Aqua-Pure's Easy Solutions to Hard Water Problems

Hard water is water that contains elevated levels of calcium, magnesium, or both minerals. According to the U.S. Geological Survey, over 70% of U.S. water supplies are designated as hard to very hard*. Visible indication of hard water is the appearance of white spots on chrome faucets, shower doors and dishware. A less visible but more serious problem is build-up of lime and scale on plumbing fixtures and appliances that use water—especially water heaters. This build-up can result in damage to fixtures and appliances, shortening their useful life. Softeners use an ion exchange process to remove the calcium and magnesium from the incoming water supply.

To find out if your water is hard, have it tested. Your authorized Aqua-Pure professional will analyze your test results and recommend the water softener system that is best for your home.

Enjoy the Benefits of Soft Water

SAVE MONEY When you clean with soft water you use less detergent.

REDUCE WATER SPOTS Less spotting on dishes and glasses.

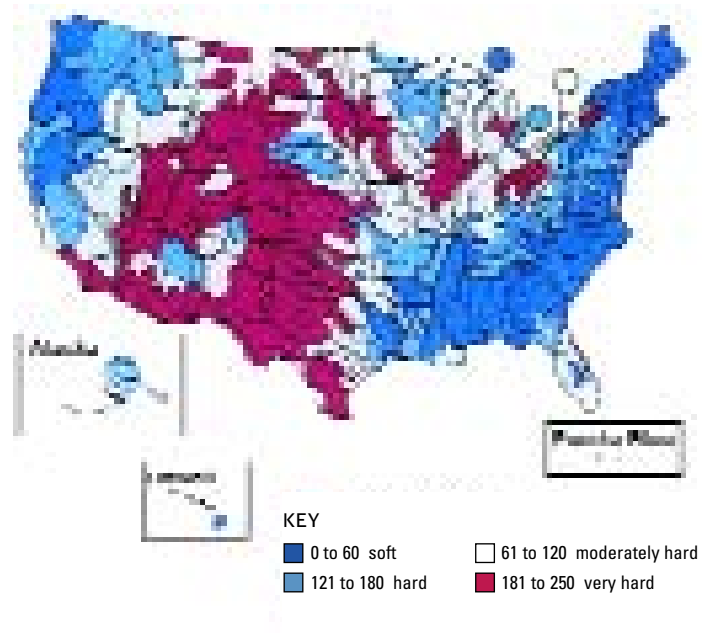
BATHE IN SOFT WATER Have healthier looking, better feeling skin. Hair washes and rinses easier, and has better texture and shine.

HELP CLOTHES LAST LONGER A Purdue University study** found that clothing washed in hard water wears out up to 15% faster than clothes washed in soft water. In addition, colors fade and whites become dingy more quickly in hard water.

SAVE ENERGY By reducing scale build-up you can improve the efficiency of your water heater by up to 27%!

PROTECT PLUMBING Helps prevent scale build-up and extend the life of appliances that use water such as water heaters, dishwashers, and clothes washers.

Water Hardness in U.S.
(measured as calcium carbonate in milligrams/liters)*



* <http://water.usgs.gov/owq/map1.jpeg>

** Purdue University Research Report, "The Benefits of Using Soft vs. Hard Water", 10/98



Aqua-Pure Water Softeners

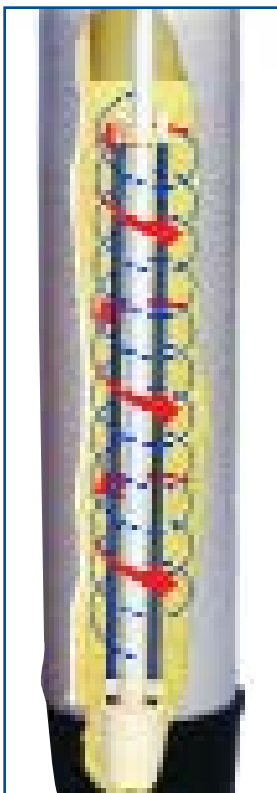
SUPERIOR PERFORMANCE

Unlike retail softeners, Aqua-Pure's water softeners offer patented features that improve the efficiency and durability of the system, as well as help to assure consistently soft, high quality water.

FULL-FEATURED, EASY TO MAINTAIN

- Aqua-Pure offers a variety of softener control valves that are simple to program.
- Patented Cyclone distributor assembly (pictured at left) lifts and turns over the resin bed, freeing it from dirt and debris. The larger basket allows the dirt and debris to flush out of the system with minimal pressure drop.
- Conditioning tank with patented Uniflex® connection eliminates threaded openings that can strip. One piece construction has no glue joints or heat welded bonds to fail.
- Bypass valve allows untreated water to be used for watering the lawn or washing the car.
- Proprietary square brine tank reduces the amount of floor space required. Safety brine valve prevents brine overflow in the event of a power outage.
- Patented multi-level salt support shelf keeps dirt and debris away from the brine draw area. This allows the use of most types of salt.

Aqua-Pure always recommends a sediment prefilter before the softener. See page 7 for details.



Aqua-Pure systems clean and regenerate more completely than competitive systems.

Choose from over 40 models of residential softeners including cabinet, two tank and twin alternating models.

Aqua-Pure Water Softeners

Aqua-Pure offers three control valve technologies:

- ELECTRONIC-METERED, DEMAND-INITIATED SOFTENERS
 - State-of-the-art valve allows you to monitor and control every function and cycle. Meters your water usage and regenerates only when necessary.
 - No need for vacation settings — just soft water when you need it.
 - Regeneration is delayed to a time when softened water is not required.
 - Salt monitors, available on select models, have a flashing light and audible beep to tell you when it is time to replenish the salt.
- ELECTRONIC TIME CLOCK
 - Using touchpads, the time of day, salt setting and regeneration frequency can be adjusted.
- MECHANICAL TIME CLOCK
 - Simply turn the dial to the correct time of day and all regeneration functions occur automatically.

Aqua-Pure also offers a series of specialty softeners and backwash units:

- IRON REDUCTION
 - Removes a higher level of iron than standard softeners
 - Provides soft, iron-reduced water with one unit
- CABINET STYLE SOFTENER
 - Provide all the benefits of the standard two-tank models, but in a one-piece “appliance like” appearance

Featured Product: The Stainless Steel Series of Softener Systems

DURABLE 316L stainless steel mineral tank and bypass for years of service

RELIABLE offering a 25-year limited parts warranty

DEPENDABLE working 24 hours a day, providing softened or filtered water to your home

PROFESSIONAL manufactured and warrantied by one of the most well-known names in the industry

SSUPM150 1.5 cubic foot softener

SSUPM250 2.5 cubic foot softener



SSUPM SERIES



AWS SERIES



Featured Product:

The Stainless Steel Series Backwash Systems

DURABLE 316L stainless steel mineral tank and bypass for years of service

RELIABLE offering a 25-year limited parts warranty

DEPENDABLE working 24 hours a day, providing filtered water throughout your home

PROFESSIONAL manufactured and warrantied by one of the most well-known names in the industry

SSUP150BW* 1.5 cubic foot backwash filter

SSUP250BW* 2.5 cubic foot backwash filter

*Backwash filter units also available loaded with activated carbon for chlorine taste and odor reduction.

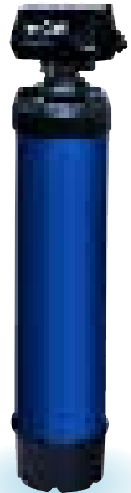
Aqua-Pure Solutions Backwash Systems

Aqua-Pure offers two control valve technologies:

- **ELECTRONIC-METERED, DEMAND-INITIATED BACKWASH UNITS**
 - State-of-the-art valve allows you to monitor and control every function and cycle. Meters your water usage and backwashes only when necessary.
 - No need for vacation settings
 - Backwashing is delayed to a time when the demand for fresh, clean water is not required.
- **MECHANICAL TIME CLOCK**
 - Simply turn the dial to the correct time of day and all backwashing functions occur automatically



SSUP SERIES



NBF SERIES

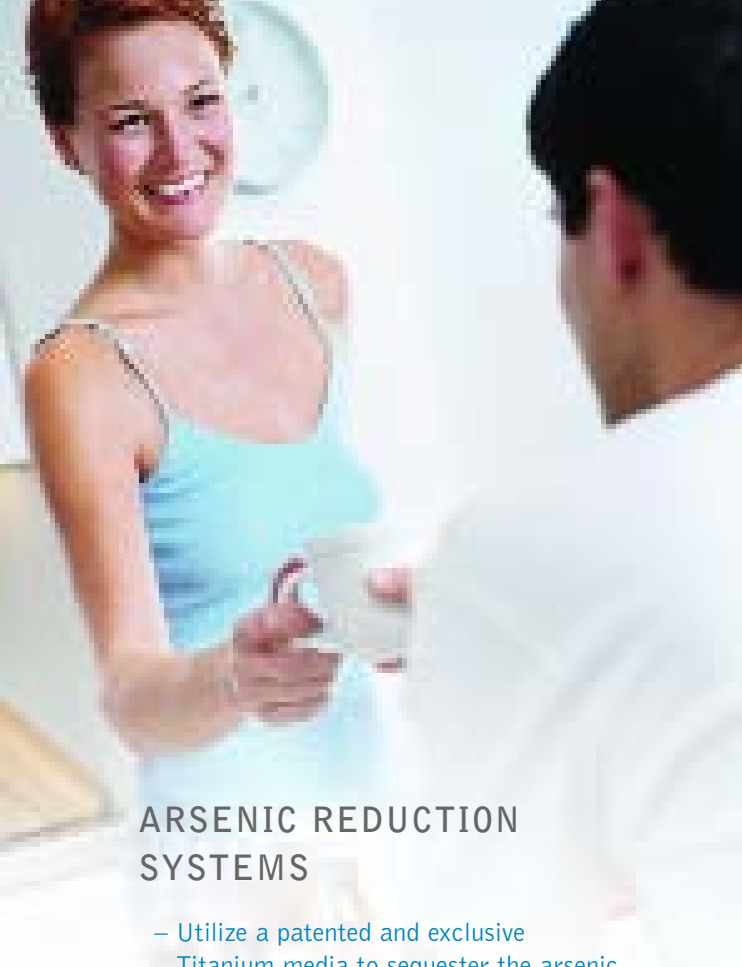


Aqua-Pure Ultraviolet Light Series Solutions

Aqua-Pure's wide range of ultraviolet light units offer a variety of applications from point-of-use drinking water systems to whole house.

These systems sterilize 99.9% of bacteria and viruses.

Ultraviolet light is nature's way to help protect your water without the addition of harmful chemicals.



Aqua-Pure Solutions Arsenic Reduction

“Arsenic is a toxic element that is known to increase the risk of adverse health effects in people who drink water containing it. Arsenic is a known human carcinogen that causes cancer of the skin, bladder, lung, kidney and liver. It also causes increased risk of cardiovascular disease (skin keratoses) and diabetes.”* The primary pathway for arsenic to create these issues is via ingesting water, either by drinking or using in cooking, that contains arsenic. Arsenic is found across the United States with heavier concentrations in certain geographic areas like the Northeast and the upper Midwest.

In January 2006, the US EPA lowered the maximum allowable level of Arsenic found in residential water systems from 50 ppb to 10 ppb. Many homes across America are on well water systems, either private or public. These systems are difficult and costly to manage for arsenic, so Aqua-Pure has introduced a whole house arsenic reduction system that meets the EPA levels for all water distributed throughout the home.

*Steven Spayd “Arsenic Water Treatment for Residential Wells in New Jersey” January 2005

ARSENIC REDUCTION SYSTEMS

- Utilize a patented and exclusive Titanium media to sequester the arsenic
- Media can last up to 3 years or more
- Contain state of the art electronic valve technology
- Set it once and forget it. Automatic backwash operation
- 5 Year Limited Warranty



ASB SERIES



Reduce Iron and Avoid Problems

Iron is one of the earth's most plentiful resources, making up at least five percent of the earth's crust. Rainfall seeping through the soil dissolves iron in the earth's surface and carries it into the natural water supply.

Even when water contains relatively large quantities of iron it may appear clear when drawn, but will rapidly turn red upon exposure to air. This oxidation process causes the red/brown stains on clothes and plumbing fixtures. Water with high iron can be very objectionable in taste and odor, and can cause rust colored stains on fixtures.

What is the solution? First, it is important to have your water tested. Aqua-Pure, in conjunction with its distributors, offers free water analysis and equipment recommendations. This complete water test determines iron concentration, pH, hardness, TDS, manganese, tannins, turbidity, and alkalinity. From here, the correct treatment solution can be determined.

Aqua-Pure Solutions High Iron Content

IRON REMOVAL SOFTENERS

NFS & ABF Series

These softeners have a special iron removal media capable of handling iron content up to 3 ppm (clear water or ferrous iron).

- Suitable for mild iron problems
- Simultaneously solves iron and hardness problems
- Uses salt to regenerate



CHEM-FREE IRON REMOVAL SYSTEMS

By introducing oxygen to the water source, soluble ferrous iron is converted to its insoluble ferric form. The resulting iron particles are removed via a backwashing filter. Systems require no chemicals to regenerate and are virtually maintenance free.

APIR/APIRG/APIXG Series

- For well water applications up to 15 ppm
- Suitable for more difficult iron problems
- Automatically adjusts pH of acidic water for reduced corrosion
- No chemicals required to regenerate

These systems are a sampling of the many water treatment systems Aqua-Pure has to offer. Please contact your local Aqua-Pure distributor for more information about our complete line of water treatment products.

Aqua-Pure Solutions

Other Common Water Problems

Start by testing your water! At no cost to you, Aqua-Pure technicians will analyze your water supply and recommend the system that best meets your requirements. The following chart provides a starting point for determining the possible types of water problems.

PROBLEM/ INDICATION	DESCRIPTION	AQUA-PURE SOLUTION
MANGANESE/ brown-black stains	Manganese is a metal similar to iron which causes brown/black stains. It can cause staining in concentrations as low as 0.05 parts per million (ppm). Manganese can be reduced using the same backwash and oxidation type systems used to remove iron.	APIR Series ABF Series NBF Series NFS Series
ACIDIC WATER/ blue-green stains	Acidic water tends to act aggressively towards plumbing and fixtures, causing corrosion and staining, most often a blue/green stain on fixtures which comes from the copper pipes. pH is measured on a scale of 1 to 14 units , with 7.0 units being neutral, less than 7.0 units being acidic and any reading greater than 7.0 being alkaline. The lower the pH the worse the corrosion problem. A pH in the range of 6.5 to 8.5 is desirable. Acidic water is corrected by neutralizing the water, by passing the water through a bed of processed limestone or similar media.	ABF Series NBF Series APUN Series
HYDROGEN SULFIDE/ rotten egg odor	Hydrogen sulfide is a gas with a smell similar to rotten eggs. This gas can get into a water supply as a result of the decay of organic matter, naturally occurring sulfur, and as a result of certain types of bacteria. Even low concentrations are offensive as well as highly corrosive. Because hydrogen sulfide is a gas, an aeration method for removal is preferred.	APIR Series*

*An air-to-water type pressure tank must be used.



THE AQUA-PURE ADVANTAGE

At CUNO, we realize just offering the best products is not enough. Our distribution partners are carefully selected and are backed by industry leading sales support and programs. When you choose Aqua-Pure, you choose quality products from a proven leader in water filtration.

To learn more about Aqua-Pure please visit
www.aquapure.com



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