

Boyett's Whole House LEAD Removal Filter.

Zero Waste Water. Zero Electricity. Zero Maintenance. Zero Drainage.

INSTALLATION

\$225 ON A LOOP

If your home isn't equipped w/a loop
we can quote you for install

Monthly Fee \$70 + tax

Boyett's will exchange equipment
every 5 years at no charge.

*LEAD MOLECULE!
I HEARD YOU'VE BEEN HANGING
AROUND PHOENIX! WE DON'T WANT YOU
HERE! WE'RE GOING TO GET YOU GONE
AND PROTECT OUR FAMILIES
AND BUSINESSES!*

*I AM NOT AFRAID OF
YOU BOYETT'S FAMILY
WATER TREATMENT!*

*WE WILL SEE
ABOUT THAT!*

OUR LEAD FILTER WILL REMOVE ALL THE LEAD FROM YOUR WATER.

LEAD IS PRESENT IN THESE WATER SUPPLIES:

Phoenix
Mesa
Gilbert
Chandler
Queen Creek
Florence
San Tan Valley
Scottsdale
Cave Creek
Buckeye
Tempe

**THE REASON BOYETT'S
FAMILY WATER TREATMENT
DEVELOPED THE WHOLE
HOUSE LEAD FILTER:** We drink
water out of every faucet in our
homes. We use this water to
brush our teeth; shower and
bathe. All your faucets should
be free from lead so you can
enjoy a happier live longer life.



**BOYETT'S FAMILY
WATER TREATMENT**

hayden@azh2o.com • www.azh2o.com
(480) 969-7251 • Cell (602) 291-4157
38 E. 5th Ave. • Mesa, AZ 85210

55 Years - Same Family - Same Location
Licensed • Bonded • Certified

Boyett's Whole House Lead Removal Filter.

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HEALTH EFFECTS OF EXPOSURES TO LEAD IN DRINKING WATER (CONTINUED)

Young children, infants, and fetuses are particularly vulnerable to lead because the physical and behavioral effects of lead occur at lower exposure levels in children: low levels of exposure have been linked to damage to the central and peripheral nervous system, learning disabilities, shorter stature, impaired hearing, and impaired formation and function of blood cells.

The Centers for Disease Control and Prevention (CDC) recommends that public health actions be initiated when the level of lead in a child's blood is 3.5 micrograms per deciliter ($\mu\text{g}/\text{dL}$) or more.

Even low levels of lead in the blood of children can result in:

- Behavior and learning problems
- Lower IQ and hyperactivity
- Slowed growth
- Hearing problems
- Anemia

In rare cases, ingestion of lead can cause seizures, coma and even death.

PREGNANT WOMEN

Lead can accumulate in our bodies over time, where it is stored in bones along with calcium. During pregnancy, lead is released from bones as maternal calcium and is used to help form the bones of the fetus. This is particularly true if a woman does not have enough dietary calcium. Lead can also cross the placental barrier exposing the fetus to lead. This can



result in serious effects to the mother and her developing fetus, including:

- Reduced growth of the fetus
- Premature birth

ADULTS

Lead is also harmful to adults. Adults exposed to lead can suffer from:

- Cardiovascular effects, increased blood pressure and incidence of hypertension
- Decreased kidney function
- Reproductive problems (in both men and women)

HEALTH EFFECTS OF EXPOSURES TO LEAD IN DRINKING WATER

There is no safe level of lead in your drinking water. The EPA has set the maximum contaminant level goal for lead in drinking water at zero because lead is a toxic metal that can be harmful to human health even at low exposure levels. Lead is persistent, and it can bioaccumulate in the body over time. Boyett's family whole house lead filter will remove the lead from your home or business – 100%.



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OUR 2 TANK SYSTEM

TANK 1



We place 8 pounds of KDF 55 cubes in Tank 1.

How KDF 55 Process Medium Works
KDF 55 Process Medium is a high-purity copper-zinc alloy. When used in a water treatment unit, it undergoes a chemical process known as redox.

Redox is short for oxidation-reduction, which is a chemical reaction where electrons are transferred between molecules. In some cases, such as free chlorine, this transfer results in the formation of benign substances, such as chloride in this case, which then passes through the filter. In a similar way, copper, lead, mercury, and other heavy metals react to plate out onto the medium's surface effectively being removed from the water supply.

KDF 55 Process Medium is so effective that it removes up to 98% of inorganic water-soluble heavy metals that are a concern to many public health officials and many consumers.

In addition, KDF 55 Process Medium controls microorganisms and reduces lime scale in problem areas like showers and tubs.

KDF 55 Process Medium even changes waterborne calcium molecules that inhibit scale buildup and improves the taste of some of your favorite beverages.

Ahead Of The Carbon, Ahead Of The Game
KDF 55 Process Medium is the ideal complement to GAC. Because GAC removes chlorine by surface chemistry, it actually fosters bacterial growth. But, unlike carbon, KDF 55 Process Medium is truly bacteriostatic. The electrolytic field created by the redox process is an environment deadly to some microorganisms; it also creates hydroxyl radicals and hydrogen peroxides that interfere with the ability of some other microorganisms to function.

KDF process media converts hydrogen sulfide to insoluble sulfide.

TANK 2



Granular activated carbon is made from raw organic materials that are high in carbon.

Heat is used to activate the surface area of the carbon, removing certain chemicals dissolved in water as they pass through a filter containing granular activated carbon. This makes your water taste better and protects your skin from the high chlorine levels in AZ h2o.

GRANULAR ACTIVATED CARBON (GAC) FACT SHEET
The use of granular activated carbon (GAC) for water purification became common around the start of the 20th century (1906) when the "activation" process was applied to charcoal (which had been used for centuries). Thermal activation of charcoal greatly improves its pore volume, surface area and structure making it a superb workhorse for water treatment. The Adsorption Concept A clean carbon surface is oleophilic, meaning "oil loving" and the opposite of hydrophilic or "water loving". It has a strong attraction for organic compounds and other non-polar contaminants and adsorbs them onto the carbon surface where they are held by van der Waals forces. Adsorption is the primary mechanism by which GAC works and the primary reason it is widely used to reduce undesirable taste, odor and color and to improve the safety of drinking water by also effectively removing common disinfection byproducts (THMs), organic contaminants like chlorinated solvents and other industrial pollutants, pesticides, and select heavy metals such as lead and mercury...

De-chlorination A second very important property of GAC is its ability to catalytically reduce chlorine from an oxidizer (NaOCl) to a salt (NaCl) by taking away the reactive oxygen.

If this media is not exchanged every five years - microbiological contamination of the drinking water may occur.

We exchange both tanks every five years at no charge.



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WHY SHOULD YOU RENT THIS UNIT RATHER THAN BUY IT:

By renting this unit you will save \$11,435.44 over 10 years.

The lead removal filter media must be replaced every 5 years to remain effective.

Our second tank contains granular activated carbon 'to remove other bad tastes, odors and chlorine'. If this filter media is not changed every five years - this will cause microbiological contamination of your drinking water.

Our equipment is electronically date coded with an electronic tickler process developed by a Nevada computer company (Nevada, Iowa) that is tenaciously followed by the Boyett's family four step follow up process to make sure this free exchange occurs.

The added advantage to utilizing this method of whole house water treatment:

- This product contains water softening qualities
- This product is easy to install at the point of entry of your home (to capture all your water).
- You can water your plants and vegetation with this water.
- This product will make your skin feel better and make your water taste better (and more healthy to drink).

RENTING WILL SAVE YOU
\$11,435.44
OVER 10 YEARS!

*YOUR CRITTERS
AND PEOPLE ARE
REALLY GOING TO LOVE
THIS WHOLE HOUSE
LEAD FILTER.*



PROUDLY MADE IN MESA, AZ BY



**BOYETT'S FAMILY
WATER TREATMENT**

PLEASE CALL US TO SCHEDULE A CONSULTATION OR INSTALLATION.

RESPECTFULLY, HAYDEN BOYETT HAYDEN@AZH2O.COM

OFFICE: (480) 969-7251 CELL: (602) 291-4157 - TEXT TO CHAT

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