

AAA BestWater Co.

AAA-Pure

Fully Automatic Whole-House Down-Flow Filtration/Purification System

with *OPTI-CARB 1200+*TM

Cleans, Polishes & Purifies

with

Filtration & GAC Adsorption

TECHNOLOGIES



**Whole-House Coconut Shell Carbon-GAC
Down-Flow FILTER/PURIFICATION System**

Comes with Manufacturer LIFETIME WARRANTY*

MINERAL CONTAINER (GAC TANK): LIFETIME WARRANTY

VALVE BODY: LIFETIME WARRANTY

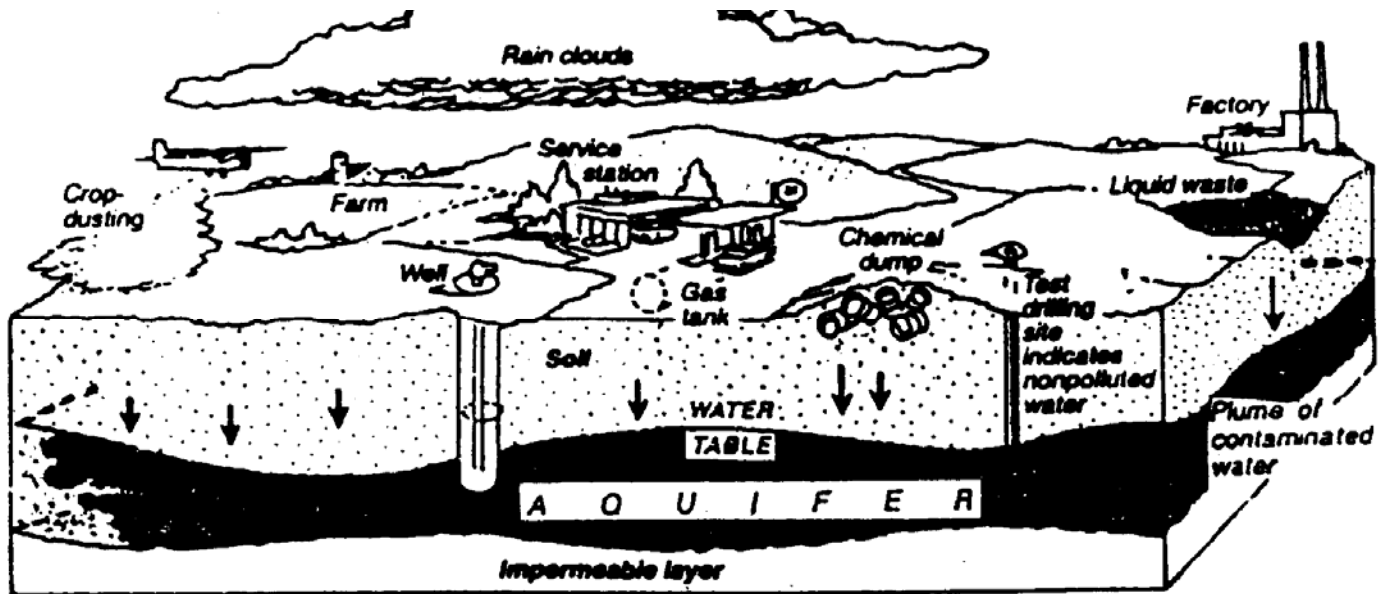
ELECTRICAL PARTS: LIFETIME WARRANTY

"Is something wrong with my water?"



POISONING THE WELL

Hawai'i's Groundwater becomes contaminated when toxic material from pesticides, herbicides, insecticides, termite ground treatment, old military leaking underground fuel storage tanks, old commercial leaking underground fuel storage tanks, old military buried chemical drums and toxic waste dumps, old commercial buried chemical drums, community landfills, fuel oil spills from leaking fuel oil transmission lines, waste injection wells, etc., reaches an aquifer. The pollution often forms a "plume" that often goes undetected.



From: State of Hawai'i Department of Health 8/3/89
To: All Interested Parties
Subject: *Groundwater Contamination*

“... we have found evidence that our precious drinking water supply has been contaminated. Traces of man-made chemicals have been found in the groundwater supply of certain Oahu and Neighbor Island areas. ...”

JOHN C. LEWIN, M. D., Director of Health

From: State of Hawai'i Department of Health 6/29/88
Honolulu Advertiser Advertisement
To: To the Hawai'i Community
Subject: *Hawai'i Environmental Health Bulletin*

“... what is considered safe [federal and state standards] \geq today may not be considered safe tomorrow. ...”

“... as a matter of policy, the United States Environmental Protection Agency has taken the position that an increased cancer risk can be expected to occur at any level. Therefore, there is no “safe” level of exposure for carcinogenic agents...”

JOHN C. LEWIN, M. D., Director of Health

*Cancer causing agents (CARCINOGENS),
such as VOCs (Volatile Organic Compounds), & DBPs (Disinfection Byproducts),
are now found in most of Oahu's water supplies.*

Today, over 191 wells on Oahu are contaminated with many different VOCs

— Virtually all the wells that can service most of Oahu's areas:

We have received the 2005 Report (most recent available) on the **GROUNDWATER CONTAMINATION on Oahu**, from the *State of Hawaii Department of Health*, published 7/06. According to the report all the water coming into your home meets the Federal & State standards. ***The big issue is the STANDARDS.*** — [Click Here >](#)

The report shows that **the wells that can service Oahu, can contain at least TWELVE (12) known VOC Contaminants:**

Atrazine — [Click Here >](#)

Benzene — [Click Here >](#)

CTC (Carbon Tetrachloride) — [Click Here >](#)

DBCP (1,2, Dibromo3-chloropropane) — [Click Here >](#)

DCP (1,2-Dichloropropane) — [Click Here >](#)

Desethyl Atrazine — [Click Here >](#)

Dieldrin — [Click Here >](#)

EDB (Ethylene dibromide) — [Click Here >](#)

MTBE (Methyl Tert-Butyl Ether) — [Click Here >](#)

PCE (Tetrachloroethylene) — [Click Here >](#)

TCE (Trichloroethylene) — [Click Here >](#)

TCP (1,2,3-Trichloropropane) — [Click Here >](#)

NOTE: *Volatile Organic Compounds (VOCs) can be absorbed through the skin's pores and inhaled while taking a Shower, Bath, Washing Hands or Dishes at the Sink, and Standing over a Heated Pot of Water while Cooking!* When you take a Shower or Bath, you could be getting as much exposure to these contaminants as drinking a couple of glasses of water!

... and ... The **BOWS** reports show that
virtually all the water distributed throughout Oahu,

Contains as many as THREE (3) different known DBPs: — [Click Here >](#)

HAA5 (Total Haloacetic Acid), TTHMs (Trihalomethanes) & Bromoform

This report also shows the possible non-carcinogenic Health effects & EPA Carcinogen (Cancer Causing) Rating for exposure to those particular Contaminants. Please review, with your spouse, **the entire enclosed information.**

When you review the **entire enclosed information**, you will understand why
we recommend you include a

Whole-House GAC Filter/Purification System — [Click Here >](#)

as part of any **Water Treatment Systems** you install in your home.

Please see the following pages, and Equipment Brochures.

In April 1983, local TV news programs, reported that the Mililani Wells were contaminated with FOUR different **VOCs (Volatile Organic Compounds)** ≥. That was the first time any well contamination was revealed to the public. **What the public didn't know at that time**, was that the *Hawaii Department of Health and Honolulu Board of Water Supply* already knew in **February of 1981**, that the Mililani Wells were contaminated with VOCs. ... **and**, they also knew, **as far back as April of 1977**, of the first known well contamination on Oahu, that occurred in Waipahu — **with extremely high levels of VOC contamination**. The *Hawai'i Department of Health and Honolulu Board of Water Supply* did not reveal to the public what they knew about well contamination until many years later, and then only limited information was revealed to the public. **The facts were only fully revealed to the public in 1993, not by the State, or City, or the Hawaii Department of Health, but by the NATURAL RESOURCES DEFENSE COUNCIL / 1993 Publication 'Groundwater In Hawai'i'] This publication is a must read for every resident of Oahu — anyone who reads this publication will be shocked and appalled to find out what wasn't revealed to them by the responsible agencies at the time — the extent of contamination, the number of different contaminants, and the health effects associated with exposure to those contaminants.** To see the publication and get all the shocking facts and history of Oahu's well water contamination . [click here](#) ≥

Does this scenario of *government water suppliers* not revealing the extent of water contamination and related health effects to consumers, and telling the public that the water supplies are perfectly healthy and safe, 'sound familiar' ? ? ? **Have you ever seen the movies 'Erin Brockovich' with Julia Roberts and 'A Civil Action' with John Travolta?**

Today, over 191 wells on Oahu are contaminated with many different VOCs— Virtually all the wells that can service most of Oahu's areas: North Shore-Mokuleia, Waialua, Haleiwa, Waimea, Pu-pukea, Sunset Beach; Wahiawa; Mililani Town; West Oahu-Waianae; Kapolei-Ko'Olina, Makakilo, Ewa, Ewa Beach; Waipahu-Royal Kunia, Village Park, Waikele, Seaview, Crestview, Waipio; Pearl City; Aiea; Foster Village; Salt Lake; Moanalua Valley; Kalihi; throughout town to Wilder area; McCully; Kaimuki; St. Louis Heights; Palolo Valley; Maunalani Heights; Wilhelmina Rise; Diamond Head; Kahala; and East Oahu-Waialae Nui, Kalani Valley, Waialae Iki, Aina Haina, Hawailoa Ridge, Niu Valley, Kuliouou, Hahaione Valley, Mariners Ridge, Port Lock, Hawaii Kai, Kalama Valley, Queens Gate; & Waimanalo.

In addition, virtually all the water distributed throughout Oahu, contains up to THREE different DBPs. ≥

In addition, virtually all the water distributed throughout Oahu, contains various levels of NITRATE. ≥

Please see the following pages for current information on the Water Quality Issues for your area . . .



Chemical: Volatile Organic Compounds

Chemical description

What are volatile organic compounds?

Organic compounds are chemicals that contain carbon and are found in all living things. Volatile organic compounds, sometimes referred to as VOCs, are organic compounds that easily become vapors or gases. Along with carbon, they contain elements such as hydrogen, oxygen, fluorine, chlorine, bromine, sulfur or nitrogen.¹

A volatile organic compound is an organic compound which has a boiling point below that of water and which can easily vaporize or volatilize.²



Volatile Organic Compounds (VOCs) in Drinking Water

Drinking water containing high levels of volatile organic compounds (VOCs) may be harmful to human health. VOCs are a class of chemicals that have important properties in common: They evaporate, or vaporize, readily (they are volatile), and they contain carbon (and are therefore called organic).

Health Concerns

Volatile organic compounds may have a variety of harmful health effects. ... Drinking water containing one or more VOCs at levels above standards should not be consumed. In addition, **because little is known about the additive effects of these chemicals, special attention should be paid to detecting and eliminating VOC sources if two or more chemicals are found in water.** In any case, sources of VOC contamination should be eliminated if possible. ... Keep in mind, however, that **VOCs may also enter the body through skin absorption or through inhalation of water vapor.** ... **POE treatment systems are recommended for VOC removal to ensure that all water used for drinking, cooking, cleaning, and bathing is free of contamination.**³

How will VOCs be removed from my water?

The following treatment method has been approved by the EPA for removing VOCs:
Granular activated charcoal (GAC)²

[**AAA BestWater Co's OPTI-CARB 1200+™** is a 'superior' Premium Grade *extra hard* highly microporous 'coconut shell' granular activated charcoal specifically manufactured for 'optimum' **VOC** adsorption.]

¹National Library of Medicine

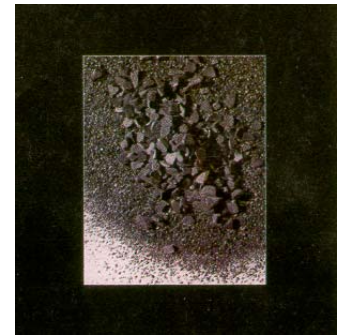
²Environmental Protection Agency (EPA)

³[Prepared by: Gregory D. Jennings and Ronald E. Sneed *Extension Specialists, Biological & Agricultural Engineering*, Mary Beth St. Clair, *Extension Specialist, Toxicology*, Published by: North Carolina Cooperative Extension Service]

OPTI-CARB 1200+™

OPTI-CARB 1200+™ is a superior 'Premium Grade' Granular Activated Carbon (GAC), exclusively available in Hawaii from **AAA BestWater Co.** (The standard industry abbreviation for Granular Activated Carbon is 'GAC'.) **OPTI-CARB 1200+™** is an exclusive Trademark of **AAA BestWater Co.**

The 'specifications' for **OPTI-CARB 1200+™ Granular Activated Carbon** were selected and designed by **AAA BestWater Co.** specifically to be the most effective method to remove **VOCs** (**VOCs such as pesticides, insecticides, herbicides, termiticides, fumigants, solvents, & gas additives**), from a household's water supply. [(VOC) is the scientific abbreviation for 'Volatile Organic Compound' that is used by the scientific community, the **EPA** (Environmental Protection Agency), and the **DOH** (Hawaii Department of Health).]



Volatile Organic Compounds (VOCs) can be absorbed through the skin's pores and inhaled while taking a Hot Shower, Hot Bath, Washing Dishes, and Standing over a Heated Pot of Water while Cooking!

It has been said that **while taking a hot shower or bath,** the amount of volatile compounds inhaled or absorbed through the skin, can be the equivalent of drinking two quarts of water with the same level of contaminant. *Even washing dishes in hot water, or standing over a pot of water while cooking, can give you the same exposure.*



AAA BestWater Co.

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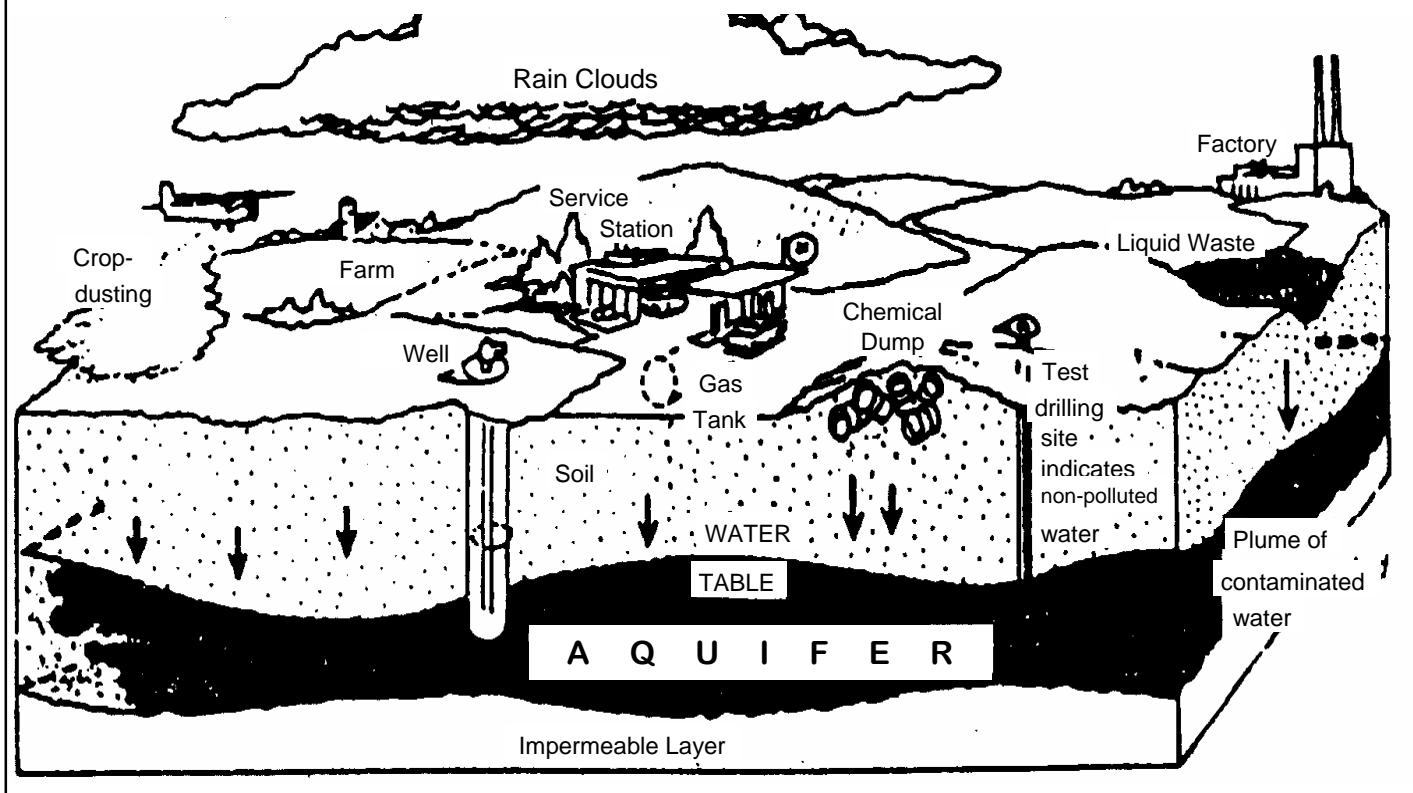
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OPTI-CARB 1200+™

Many of the types of *pesticides, insecticides, herbicides, termiticides, fumigants, solvents, & gas additives* found in Oahu's ground water supplies are considered "VOLATILE" [**Volatile Organic Compounds (VOCs)**], and therefore will release from the water when they are heated and exposed to the air. In their volatile state, *these compounds can be absorbed through the skin and inhaled.*

POISONING THE WELL

Hawaii's Groundwater becomes contaminated when toxic material from pesticides, herbicides, insecticides, termite ground treatment, old military leaking underground fuel storage tanks, old commercial leaking underground fuel storage tanks, old military buried chemical drums and toxic waste dumps, old commercial buried chemical drums, community landfills, fuel oil spills from leaking fuel oil transmission lines, waste injection wells, etc., reaches an aquifer. The pollution often forms a "plume" that often goes undetected.



— Continued on Following Pages —

AAA BestWater Co.

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**Virtually all the water distributed throughout Oahu,
contains up to THREE different DBPs**

What are Disinfection By-Products (DBPs)?

Water is chlorinated by the Honolulu Board of Water Supply to fight bacteria. Unfortunately, the chlorine is very reactive and easily combines with naturally occurring organic material to form **DISINFECTION BY-PRODUCTS (DBPs)**, such as **HAA5 (Total Haloacetic Acid)**, and **Trihalomethanes (TTHMs)**. TTHMs are a group of four chemicals: **chloroform, bromoform, bromodichloromethane and dibromochloromethane**.

It is these trihalomethanes that you are more likely to see at the tap than you would chlorine depending on where you are located within the water distribution system. The farther away from the treatment plant the more likely you will have trihalomethanes in your water as the time the water must travel within the distribution systems allows the chlorine to react.

In December 1998, the EPA enacted the stage 1 Disinfectants and Disinfection By-Products Rule. This rule lowered the maximum contaminant level (MCL) for TTHMs (Total Trihalomethanes) from 100 ppb to 80 ppb. Ground water systems were requested to comply with Stage 1 Disinfectants and Disinfection By-Products Rule by January 2004.

What are the health risks associated with DBPs?

Here is the EPA's statement: "EPA's main mission is the protection of human health and the environment. When carrying out this mission, EPA bases its decisions on the best available science. However, EPA must often make regulatory decisions with less than complete information and with uncertainties in the available information. EPA believes that consistent with public health protection goals of the SDWA, it is appropriate and prudent to err on the side of public health protection when there are indications that exposure to a contaminant may present risks to public health, rather than take no action



until risks are unequivocally proven. Such is the case with the Stage 2 DBPR. **The best available science indicates that cancer, reproductive and developmental risks may be associated with exposure to DBPs and disinfected drinking water.**" ... "While recognizing these uncertainties, **EPA believes that the weight of evidence represented by the available epidemiology and toxicology studies on disinfected water and DBPs continues to support a concern for health risk** and a protective public health approach to regulation of DBPs."

"A number of epidemiology studies have been conducted to investigate the relationship between exposure to disinfected water and adverse effects like cancer or developmental and reproductive outcomes. While EPA cannot conclude there is a causal link between exposure to chlorinated surface water and cancer, **some epidemiology studies have suggested an association, albeit small, between bladder, rectal, and colon cancer and long term exposure to chlorinated surface water.** Although there are fewer published epidemiology studies that have been conducted to evaluate the possible relationship between drinking water and reproductive and developmental effects, **recent studies report increased risks for low birth weight, term low birth weight, birth defects, miscarriage, and still birth to women exposed to chlorinated surface water and elevated concentrations of TTHM. As with cancer,** although EPA cannot conclude at this time that there is a causal link between exposure to chlorinated water or DBPs and reproductive and developmental effects, **there is a troubling indication of an association.** Furthermore, **developmental effects may occur after short durations of exposure.**"

Here is the EPA's statement (continued):

“...the Agency believes the weight of evidence presented by the available epidemiological studies on chlorinated drinking water and toxicological studies on individual DBPs **support EPA's concern about a potential health hazard.**”



“After reviewing the science, all committee members expressed concern for potential **health risks to pregnant women and their fetuses from DBPs...**”

Ozonation: Ozonation is used for disinfection in some Bottled Water production.

Here is the EPA's statement regarding Ozonation: “...if bromide ion is present in the raw water halogenated DBPs may be formed. **These brominated DBPs appear to pose a greater health risk than non-brominated DBPs.**”

How am I Exposed to Disinfection By-Products (DBPs)?

BY INGESTION

Drinking Water, or Beverages & Food Prepared with Chlorinated Water;
and,
May be found in BOTTLED WATER that uses Ozonation for disinfection.



Honolulu Board of Water Supply Distribution System Monitoring for Disinfection By-Products, 5/31/06 & 5/23/07 Reports
REGION 3 (Ewa-Waianae-Waipahu System) — Tested by the State Dept. of Health

Contaminant	Average	Maximum	MCL (Maximum Contaminant Level) Allowed	MCLG (GOAL)
Bromoform	1.087 ppm	2.300 ppm	Not Yet Available	0
TTHMs (Trihalomethanes)	1.087 ppm	2.300 ppm	80.000 ppm	Not Applicable
HAA5 (Total Haloacetic Acid)	0.255 ppm	1.300 ppm	60.000 ppm	Not Applicable

5/31/06
5/31/06

NOTE: A system in compliance with an MCL could have TTHM or HAA5 occurrences well above the MCL. What is reported to the public is the running annual average. DBPs can peak above regulated levels. There are Health Risks with short durations of exposure to DBPs.

How will DBPs be Removed from My Water?

Best Available Technology (BAT):

Granular activated carbon (GAC) under the SDWA is the best available technology (BAT) for removing DBPs. SOURCE: EPA Guidance Manual, M-DBP simultaneous Compliance

AAA BestWater Co's exclusive OPTI-CARB 1200+™ is a 'superior' Premium Grade *extra hard* highly *microporous* 'coconut shell' *granular activated charcoal* manufactured for '*optimum*' **DBP** adsorption, and long life. The **AAA BestWater Co's** (POE) Whole-House GAC Filter/Purification System contains the proper amount and type of GAC to handle the household flow rates, for the contact time required for the GAC to 'adsorb' the **DBPs**, thereby filtering all the water throughout your home.

OPTI-CARB 1200+™ meets **AWWA Standard B-600-74, ANSI/NSF Standard 61** and **Food Chemicals Codex Standards** for drinking water applications.

OPTI-CARB 1200+™

Coconut Shell Carbon: OPTI-CARB 1200+™

is a 'superior' Premium Grade *extra hard* highly *microporous* coconut shell carbon specifically manufactured for 'optimum' **VOC** adsorption.



The 'specifications' for **OPTI-CARB 1200+™ Granular Activated Carbon** were also selected and designed by **AAA BestWater Co.** to be the most effective method to remove **DBPs (Disinfection Byproducts)**. **Naturally Occurring Organic Backgrounds (NOBs)** reacting with **chlorine** during the disinfection process *create chlorinated chemicals* commonly referred to as **Disinfection Byproducts (DBPs)**.

Common **DBPs** of concern are **Chloroform**, **HAA5 (Total Haloacetic Acid)** and **Trihalomethanes (TTHMs)**, *because they are suspected carcinogens (cancer causing agents)*. [All water supplies on Oahu used for human consumption *are disinfected with chlorine* by the Board of Water Supply, as required by the DOH & EPA.]

— Continued on Following Pages —

AAA BestWater Co.

A Kama`aina Company Since 1983

OPTI-CARB 1200+™

The 'specifications' for **OPTI-CARB 1200+™** were selected and designed as a result of **AAA BestWater Co.'s** extensive research on the different 'GAC' types, grades, sizes and qualities, and **AAA BestWater Co.'s** consultation with 'GAC' development technicians and scientific experts on the most effective way of removing the VOCs & DPBs found in Hawaii's water supplies.

OPTI-CARB 1200+™ is manufactured with the most current scientifically accepted 'GAC' technology and most advanced production methods, and shipped directly to **AAA BestWater Co.**, where it is then assembled into the **AAA-Pure OPTI-CARB 1200+™ GAC Down-Flow Filter/Purification System**, at **AAA BestWater Co.'s** local facility.

The **AAA-Pure OPTI-CARB 1200+™ GAC Down-Flow Filter/Purification System** with **OPTI-CARB 1200+™** is designed to be *the most optimally effective way* to meet Hawaii's water contamination concerns — namely, **the Non-Cancer Causing Health Effects**, as well as, **the Increased Cancer Risk** from exposure to several — *or even just one* — of the many VOCs found in Hawaii's water supplies. The most recent scientific research available has indicated that, **when combining just TWO (2) VOCs together, the effects of the body being exposed to two (2) VOCs together can be as much as 1,000 times more dangerous as being exposed to just one 'VOC'**. (There are some areas of Oahu where *residents are being exposed to as many as TEN (10) known VOCs.*)

However, it is possible that there are other unknown VOCs in the water supplies, in addition to the known VOCs, because they are not being tested for, nor looked for by the local DOH (Dept. of Health), because they are not required to by the Federal Government, and also due to the lack of funding within the appropriate Federal and Hawaii government agencies. [The EPA currently regulates only 85 substances. Of those 85 regulated substances, only 52 are for Organic Chemicals— such as pesticides, insecticides, herbicides, termiticides, fumigants, solvents, & gas additives. That's less than 52 of the 4,500 registered pesticides, insecticides, & herbicides used in Hawaii. (SOURCE: Supervisor of the State's Drinking Water Program, Honolulu, Sunday Star-Bulletin & Advertiser, November 16, 1986.) And, that's not counting all the other types of toxic substances used by business, industry and the military in Hawaii.] [Click Here >](#)

NOTE: VOC levels in Hawaii's water supplies used for human consumption are within either the EPA or Hawaii DOH's MCL's (maximum contaminant levels.) *However, the big question is, do we really know if those standards are truly safe? Are you willing to have your family — your children — exposed to that many VOCs even at those contaminant levels? [Click Here >](#)*

— Continued on Following Pages —

AAA BestWater Co.

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Pesticide combinations add up to big trouble

Associated Press

WASHINGTON - **Pesticides that by themselves have been linked to breast cancer and male birth defects are up to 1,000 times more potent when combined, according to a study.**

A federal environmental official called the finding astonishing and said if it is confirmed in other labs, it could force a revolution in the way environmental effects of chemicals are measured.

The study centered on endosulfan, **dieldrin**, toxaphene and **chlordane**, **all pesticide chemicals that are known to turn on a gene that makes estrogen in animals.**

Estrogen is a hormone that controls formation of female organs. **A surplus of the hormone has been linked to breast cancer** and, to **malformation of male sex organs.**

By themselves, the pesticides have only a very weak effect on the estrogen gene, said John A. McLachlan of Tulane University, leader of a team that tested the chemicals. "If you test them individually, you could almost conclude that they were non-estrogenic, almost inconsequential," he said.

**"These findings are
Astonishing"**

Dr. Lynn Goldman,
Environmental Protection Agency

"But when we put them in combination, their potency jumped up 500 to 1,000-fold."

McLachlan said it was expected that combinations of the chemicals would be additive; that is, the effects of two chemicals together would equal the sum of the effects of the chemicals alone.

"Instead of one plus one equaling two, we found in some cases that one plus one equals a thousand."

The study is being published today in the journal *Science*.

"These findings are astonishing," said Dr. Lynn Goldman, chief of the Environmental Protection Agency's Office of Prevention, Pesticides and Toxic Substances.

"The policy implications are enormous about how we screen environmental chemicals for estrogen effects."

State of Hawaii's Department of Health Groundwater Contamination Maps 2005
Department of Health REPORT . . . States the following

“The 2005 Maps show that **groundwater contamination continues to occur in Hawai'i.** In most cases, once a groundwater source has been contaminated, it remains contaminated for many years. These maps identify locations where certain groundwater contaminants have been detected and confirmed in water sources. The Maps show that **a few wells that were previously not contaminated by a particular chemical have now shown positive detections of chemicals known to be present in nearby wells.**”

[State of Hawaii Dept. of Health Groundwater Contamination Maps Report 2005]

“The 2005 Maps identify **organic and other chemical contaminants that have been detected and confirmed in drinking water wells and select non-potable wells throughout the state.** Groundwater can become contaminated through natural processes, but anthropogenic, or human-induced, contamination poses more serious problems. **Contaminants may come from herbicides, pesticides, industrial solvents, and other sources which are applied, spilled, or leaked into the ground.** **Groundwater contamination is a significant concern because nearly all of Hawaii's drinking water comes from groundwater sources.**”

“**Some contaminated wells may not be reported** because of lack of confirmed data, or **the wells have not been tested.** The contamination levels in the report refer to reported levels of contamination on a specific sampling date. **Levels of groundwater contamination may fluctuate for a number of reasons, including actual diminishing or increasing levels of contamination, chemical breakdown of contaminants, variability in sampling and analytical methods, the effects of pumping rates, and other factors.**”

(SOURCE: 2005 State of Hawai'i Department of Health Groundwater Contamination Maps for the State of Hawai'i, distributed, July 2006-*Most recent available*)

Did you know? The Hawaii State Dept. of Health has stated that

“... what is considered safe [federal and state standards] ≥ today may not be considered safe tomorrow. ...”

“... as a matter of policy, the United States Environmental Protection Agency has taken the position that an increased cancer risk can be expected to occur at any level. Therefore, there is no “safe” level of exposure for carcinogenic agents...”

(SOURCE: Director, State Dept. of Health Advertisement, The Honolulu Advertiser, June 29, 1988)

The 2003, 2004 & 2005 Maps reports includes the following:—

Exposure to the known VOCs in Hawaii’s water supplies

have been reported by the *EPA* and the Hawaii *DOH*

to include the following known health effects:

▶ *Increased Risk of CANCER*

▶ *Increased Risk of BREAST CANCER*

- | | |
|---|--|
| ▶ <i>Liver Damage</i> | ▶ <i>Muscle Degeneration</i> |
| ▶ <i>Kidney Damage</i> | ▶ <i>Stomach Damage</i> |
| ▶ <i>Bladder Damage</i> | ▶ <i>Gastrointestinal Tract Damage</i> |
| ▶ <i>Changes in Adrenal Glands</i> | ▶ <i>Nervous System Damage</i> |
| ▶ <i>Respiratory System Damage</i> | ▶ <i>Central Nervous System Depression</i> |
| ▶ <i>Cardiovascular System Problems</i> | ▶ <i>Chromosome Aberrations</i> |
| ▶ <i>Heart Damage</i> | ▶ <i>Reproductive System Problems</i> |
| ▶ <i>Retinal Degeneration</i> | ▶ <i>& Difficulties</i> |
| ▶ <i>Anemia</i> | ▶ <i>Anti-Fertility Effects</i> |
| ▶ <i>Decreased Red Blood Cells</i> | ▶ <i>Male Reproductive System Problems</i> |
| | ▶ <i>Malformation of Male Sex Organs</i> |

Are you willing to risk the known health effects associated with Exposure to the VOCs in your water supply?

[STANDARDS????](#) — [Click Here](#) >

POINT 1: The Federal and State governments have established “**Safe Drinking Water STANDARDS**”.

POINT 2: According to current **STANDARDS**, the state Department of Health and Board of Water Supply has represented that the water meets these **STANDARDS** and therefore, based on those **STANDARDS**, is safe to drink.

POINT 3: There are **TWO STANDARDS** — non-enforceable and enforceable.

POINT 4: How have these **STANDARDS** been established and what are they based on?

POINT 5: Some **STANDARDS** are established taking into account technological and economic limitations of the public water supplier.

POINT 6: Are the government **STANDARDS** that are considered “safe” today going to be considered “safe” tomorrow?

POINT 7: The Federal government has established **HEALTH EFFECTS & HEALTH RISKS** for exposure to certain water contaminants.

POINT 8: Are today’s government established **HEALTH EFFECTS & HEALTH RISKS** for exposure to certain water contaminants going to change and/or increase in the future?

POINT 9: Water, containing certain pesticides, herbicides, insecticides and other Volatile Organic Compounds (**VOCs**), **is just as much a health concern when you bathe in it** as when you drink it.

POINT 10: What it really comes down to is: **STANDARDS. STANDARDS. STANDARDS.**

Question: Are you willing to accept current government **STANDARDS**?

Question: Or, do you want your water to have better **STANDARDS** — the **STANDARDS** you set?

Question: Do you realize that you actually have a choice?

Question: Do you realize that you can choose better **STANDARDS** — your own **STANDARDS**?

Everything comes down to standards. The big question is: Are these **standards** which are used today “the **standards**” that you want for you and your family. **Standards** are constantly changing and the **standards** they use today for determining the safety of your water may not be applicable in the future. Just as the **standards** change continually so does the assessment of the health risks from contaminants. Unfortunately, the health risk assessments take a long time to ascertain because of the studies required to prove the risk. So, until the risk is proved **we (the general public) are basically used as test subjects... “Guinea Pigs”**, so to speak. So, which **standards** would you like to use? Yours (the **standards** that you set), or the governments (the **standards** someone else sets for you that they constantly change)? **We believe that once you have ALL THE FACTS, the evidence will lead you to choose a better STANDARD — YOURS!**

HOW THE **AAA-Pure OPTI-CARB 1200+™ GAC Down-Flow Filter/Purification System with OPTI-CARB 1200+™** WORKS:

Activated Carbon has been designated by the U. S. EPA as the best available technology for reducing all types of synthetic chemicals.

STEP 1: City water enters the control valve and flows down through the media tank.

STEP 2: With a “DOWNFLOW” process, your water is **filtered** and **purified** as it passes through acres and acres of surface area of **AAA BestWater Co.’s** exclusive **OPTI-CARB 1200+™**, a specially graded, *highly-activated* Granular Activated COCONUT SHELL BASED Carbon, to achieve optimum performance in reducing a wide range of chemical substances. With its enhanced adsorption of synthetic organic chemicals & Volatile Organic Compounds (VOCs), like **Atrazine, Alachlor, Ametryn, Benzene, Carbon tetrachloride (CTC), Chlordane, DBCP, DCP, Desethyl Atrazine, Dieldrin, EDB, PCE, TCE, TCP, and other Pesticides, Herbicides, Termiticides, Fumigants, Solvents, & Gas Additives**, as well as **Chlorine, & DBPs**, such as **Chloroform, Trihalomethanes (TTHMs), and HAA5 (Total Haloacetic Acid)**, as well as **LEAD & Taste & Odor** — the Carbon, thereby purifies all the water for bathing, cooking & drinking in the home. — *Then*, in addition, as the water passes through the system with its “DOWNFLOW” process, it also **filters** and **clarifies** the water by trapping **dirt, rust, and sediment**, in both the Carbon bed and a special Filter Media at the bottom of the bed. — and therefore, **a wide range of health concerns can be addressed.**



STEP 3: After the water has been completely filtered it exits the Media tank through the riser pipe and out the control valve. It then enters the Whole-House Water Softening System, providing quality conditioned water through-out your home.

STEP 4: When necessary, at selected intervals, the VALVE — Backwashes the charcoal bed — all **AUTOMATICALLY** — while you are sleeping. This process **re-grades the carbon**, and **flushes out trapped dirt, rust and sediment**, which are *back washed* and *flushed* out of the system and *down the drain*. This will help insure that your carbon always performs to its maximum efficiency and capacity. Gives you **clear, polished, purified water** without time-consuming manual maintenance. **AUTOMATIC BYPASS** — Diverts water to bypass the treatment tank during backwashing. Gives you uninterrupted water flow — so you’re never without water.

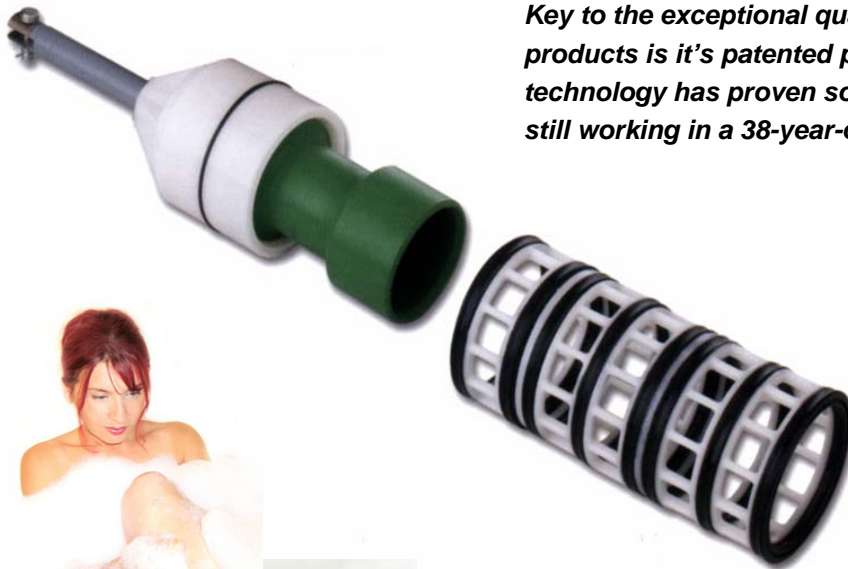
“Who makes the best down-flow water filter system and water softener system components?”

Fleck valves and Structural tanks are the brands you can trust.

The best components make the best filter systems. The valve and tank used in your Down-Flow GAC Filter System and Water Softener System are key to its durability and performance. Fleck valves and Structural tanks have been leaders in the water industry for over 50 years. Both have been designed to provide you with the latest technology and highest quality standards possible.

The Fleck and Structural brands are part of Pentair Water Treatment, a subsidiary of Pentair, Inc., a multi-billion dollar diversified manufacturer headquartered in Minnesota. Global in scope, Pentair water treatment has additional facilities in Wisconsin, Ohio, Belgium, France, Italy, India, Taiwan and China.

Key to the exceptional quality and performance of all Fleck's products is it's patented piston-seal-spacer technology. This technology has proven so long lasting, Fleck found it still working in a 38-year-old valve in Waveland, Indiana.



Dealer:

AAA BestWater Co.

A Kama`aina Company Since 1983



“There is no substitute for Pure Water”
Honolulu Board of Water Supply

Quality Water Filtering Control

...your key to efficiency, reliability, and savings

The 5600

- Is a highly accurate and reliable clock type control that provides backwashing regeneration on a pre-programmed basis. Once the timing cycle is set, it delivers economical, fully-automatic operation. Smooth operation and easy maintenance are other features.
- 12-day clock initiated backwashing.
- 6-cycle adjustable down-flow filtering control is efficient and reliable.
- Combines rugged construction with contemporary design to filter water in style.
- Modular design makes disassembly a snap; simplifies maintenance.
- Customize installation choosing from wide range of options.
- Valve body is molded from glass-reinforce Noryl® for exceptional strength and durability.
- Flow rate is up to 20 gpm.



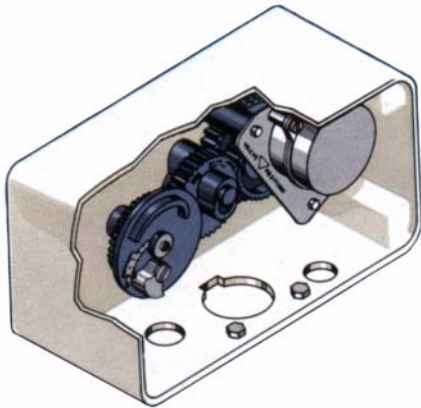
THE 5600

water filtering control

Modular construction and quality components deliver reliable system performance

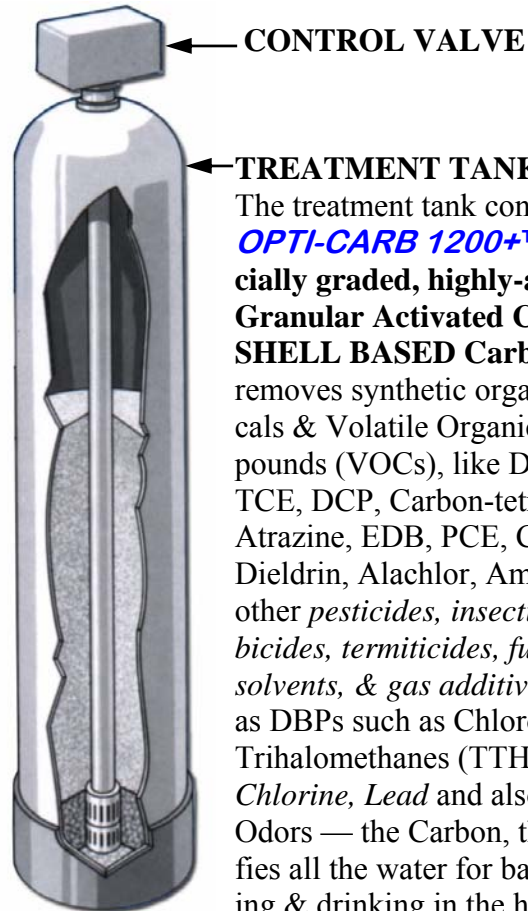
HEAVY-DUTY POWERHEAD

The heart of the system features a single heavy-duty motor. It is used in timing backwash cycles and costs very little to operate. Uses only about 10 cents per month in electricity.



ONE-PIECE VALVE BODY

This space-age plastic valve provides exceptional service life, strength and durability.



← CONTROL VALVE

← TREATMENT TANK

The treatment tank contains the **OPTI-CARB 1200+™** — specially graded, highly-activated, Granular Activated COCONUT SHELL BASED Carbon — that removes synthetic organic chemicals & Volatile Organic Compounds (VOCs), like DBCP, TCP, TCE, DCP, Carbon-tetrachloride, Atrazine, EDB, PCE, Chlordane, Dieldrin, Alachlor, Ametryn, and other *pesticides, insecticides, herbicides, termiticides, fumigants, solvents, & gas additives*, as well as DBPs such as Chloroform and Trihalomethanes (TTHMs), and *Chlorine, Lead* and also Taste & Odors — the Carbon, thereby purifies all the water for bathing, cooking & drinking in the home.



BY-PASS VALVE

This valve enables you to by-pass the filtering system if desired.

Considering a
Whole-House Water
Filter/Purification System
for your Home and Family?

THEN . . .

WHY
NOT THE
BEST?

AAA BestWater Co.


Water Treatment Systems

AAA BestWater Co.

Water Treatment Systems

★ **PATENTED FEATURES**

★ **LIFETIME WARRANTY**

★ **USER-FRIENDLY**

★ **NO HASSLE**

★ **RELIABLE**

★ **LOW MAINTENANCE**

What is the second most important component of your Water Filtration/Purification System?

THE WATER SYSTEM VALVE & CONTROLLER: It is the second most important part of a water treatment system. It must perform a multitude of functions. It has to operate dependably over years of use — It should be tried and tested, reliable, made of strong corrosion resistant materials, simple — user friendly, and fully automatic.

Who manufactures and backs up the quality and performance of the VALVE we have selected for our equipment?

FLECK® A Pentair Company : Pentair Inc. is a diversified manufacturer serving customers worldwide in its core businesses: tools, **water technologies**, and enclosures. With approximately 11,500 employees and 2001 sales of \$2.6 billion, Pentair provides construction, woodworking, electronics, water conditioning, and industrial markets with a wide range of innovative, quality products. Headquartered in Minnesota, Pentair operates from more than 50 locations in North America, Europe, and Asia.



Pentair lists assets of 2.4 BILLION. Financial performance is reflected in a strong balance sheet. Pentair stock is listed on the New York Stock Exchange under the symbol PNR.

Pentair Water Treatment holds the number one position in the worldwide water treatment control valve market. It manufactures a wide range of control valves, tanks, and pressure vessels for residential, commercial, and industrial water conditioning systems.



INNOVATIVE, RESPONSIVE CONTROL MANUFACTURERS SINCE 1950

Fleck Controls, Inc. traces its history back to 1950 when it began operations as L. W. Fleckenstein, Inc., a machine shop in Milwaukee, Wisconsin. Development of a water softener valve began in 1963 and their first valve was introduced that year.

Since then Fleck has continued to introduce new and innovative control valves attaining a preeminent position in this product area.

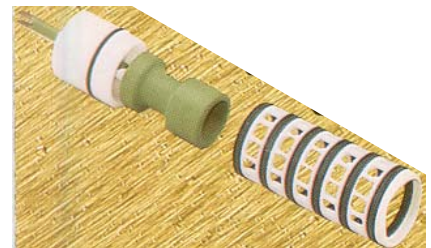
Their innovative position in the industry is documented by patents and ongoing product development and successful new product introductions. A commitment to superior product quality and customer support and service is another cornerstone of Fleck's business philosophy.

Fleck Controls is headquartered in Brookfield, Wisconsin. They presently conduct business virtually worldwide from this location and through Fleck Europe in Buc, France, a licensing agreement covering manufacturing and nonexclusive marketing in Canada plus coverage in Pacific Rim countries.



Fleck offers an exceptionally broad line of high quality, competitively priced water conditioning controls. Product line range, features, and options ensure that you can find the control you need for your specific application opportunities.

Basic to the Fleck control's reputation for **exceptional quality** and performance is a time-tested hydraulically balanced piston, seal, and a spacer concept to effectively pilot service flow and regeneration. The only part is a Teflon-coated brass piston. It's a prime example of Fleck innovativeness and engineering expertise.



Fleck backs its products with **exceptional service**. This combination of innovative, high quality product and exemplary support substantiates Fleck Controls' strong **customer focus**. If you're not already benefiting from it, check it out and see what we mean.

Here is why we selected the **FLECK Valve for our Water Filter/Purification System:**

- Millions sold throughout the world since 1963.
- Time tested.
- Reliable.
- Strong.
- Made of non-corrosive materials. *(Based on our 20 years of experience servicing Water Treatment Systems on Oahu, we have found that, over time, those systems that had a brass or chrome plated brass valve would eventually suffer serious corrosion and valve failure.)*
- Few moving parts.
- Easy to service.
- Simple for the customer to use.

See following page for details.



CONTROLS FOR WATER TREATMENT

A Pentair Company

What Makes Your *Fleck* Valve So Reliable.

The Strength Behind Your *Fleck* Composite Valve.

Composite Technology Makes The Valve “Strong As Steel.”

Made of **non-corrosive, UV resistant**, advanced **NORYL** composite material by **GE** (General Electric), for enhanced strength and to protect the valve from expansion or shrinkage due to pressure and temperature demands. It is light and tough enough to handle the demanding force of a 100 mile per hour golf swing and the needs of the military.

Machined Exactly, Flawlessly From Valve #1 to 1,000,001.

Composite technology is the perfect material when you need strength and exactness, while older machined processes are not as tight, causing undo wear on equipment. Fleck standards require perfection and you have nothing less in the Fleck composite valve!

Less Means More!

The composite valve design has few moving parts, and simple, easy-to-reach components, making service easy.

An automatic by-pass during backwash
Makes sure you always have water! Simply designed to save water & electricity!

Each Valve Comes With Its Own Maid.

The unique, and patented design has a self-cleaning feature to make sure that the valve is operating in a clean environment always. The seals are positively sealed to make sure they stay put! Which stops leaks and headaches for you!

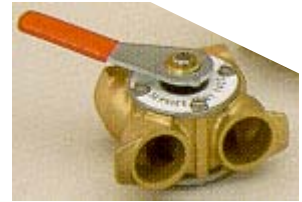
VALVE LIFETIME WARRANTY:

Our Water Filter/Purification System comes with the equipment Manufacturer’s **non-prorated LIFETIME WARRANTY** on the **VALVE BODY!**



More reasons why we chose the FLECK Valve for our Water Filter/Purification System:

- **Fully Automatic Backwashing.** The Water Filter/Purification system is programmed to Backwash automatically. *You don't have to do anything — it's automatic!*
- **Combines rugged construction** with contemporary design to treat water in style.
- **Automatic Bypass During Backwash.** No chance of being without water during the backwash process. Even if the system is backwashing, you still have full-flow water throughout the home.
- **Quick Disconnect Yoke.** If for any reason you need to move or service the unit, your service person can easily remove the whole unit without having to cut pipe or have to use expensive unions on the installation, It's simple, easy, quick! **It's a Quick Disconnect!**
- **Bypass Valve.** Solid, lead-free brass. Simple single lever operation for long-life. Dependability and ease of operation. Quick-connect and disconnect attachment to Fleck valve body for quick and easy installation and removal.
- **Valve Body.** Noryl® Designed to ensure consistent, maximum flow through valve. Engineered and tested to withstand the equivalent of 27 years of uninterrupted daily use.
- **Proprietary Technology.** Based on proprietary Piston-Seal-Spacer technology.
- **6-cycle adjustable down-flow** control is efficient and reliable.
- **Modular design makes disassembly a snap;** simplifies maintenance.
- **Safety That Protects.**



A 24 volt electrical system is safe for everyone.

"With 30 years in the business, I won't sell my residential customers anything but Fleck valves. Because I know with Fleck, we get 100% quality and 0% callbacks."

***Denny Grau, Sales Manager
Plumb Inc., Chardon, Ohio***

Who manufactures and backs up the quality of the **TREATMENT TANK** we have selected for our equipment?



STRUCTURAL, A Pentair Company : Structural has been designing and manufacturing composite pressure vessels **for over four decades**. In fact, we were among the first to use fiberglass-reinforced plastic in our patented manufacturing process. Today, Structural leads the industry with highly advanced manufacturing facilities and dedicated sales offices located around the world.

The ideal pressure vessel for residential and light commercial water softener/filtration applications.



Structural Poly Glass™ pressure vessels provide years of reliable service for water softener and water filtration applications. These slim-diameter tanks offer unmatched strength and chemical resistance.

Tank-Within-A-Tank Construction

Rugged tank is wound with over 3 miles of glass filament for extraordinary strength. Inside there's another tank of sanitary plastic so your drinking water will never touch fiberglass interior surface.

Tested for Safety:

Design Parameters — Pentair

Safety Factor: 4:1 (Minimum burst 600 psi)

Cycle Test:

250,000 cycles without leakage

Tested for Safety:

Design Parameters — NSF

Safety Factor: 4:1

(Minimum burst 600 psi)

Cycle Test:

100,000 cycles without leakage



National Sanitation
Foundation
International
Certified, Tested & Listed

TREATMENT TANK LIFETIME WARRANTY:

Our Water Filter/Purification System comes with the equipment Manufacturer's **non-prorated LIFETIME WARRANTY on the TREATMENT TANK!**

Does it really pay to own the Best? **YES.**

Based on our 26 years of water treatment experience in Hawaii — *providing water treatment equipment to the people of Hawaii longer than any other water company on Oahu* — we have selected the **BEST** Water Treatment System Components: The **BEST** Carbon, **BEST** Valve Body & Controller, **BEST** Tank, **BEST** Manufacturer Warranties.

Over these past 26 years, not only have we sold many different brands of equipment, but we have also serviced virtually every different system component on the many different systems that were sold and installed in homes on Oahu over the past 26 years. **This experience has enabled us to determine which components and equipment were the most reliable, longest lasting, and the simplest/most user friendly.** Also, our experience dealing with many equipment manufacturers over the years, **has taught us which manufacturers were the most reliable and gave the best warranties to the purchaser/end-user.**

Based on our over 26 years of experience, we have *“customized”* our **GAC Water Filtration/Purification System** to meet the needs of Hawaii’s unique Water Quality Problems.

Why will you get the best prices from us while still getting the best quality?

It’s simple: We have the lowest overhead — the lowest sales & marketing costs — and more years in the business and more experience than any of our competitors! This enables us to buy and offer top quality at the best prices. Our lower prices don’t affect the quality of what we offer. These savings are simply passed on to the consumer. We have focused our resources to provide the best service and best selection of products at the best prices.

AAA BestWater Co.

A Kama`aina Company Since 1983



Dear Concerned Resident:



You can now have the
“Peace-of-Mind”



you are looking for,

regarding the **groundwater contamination problems,**

and other **water quality problems,**

you and many others in your community

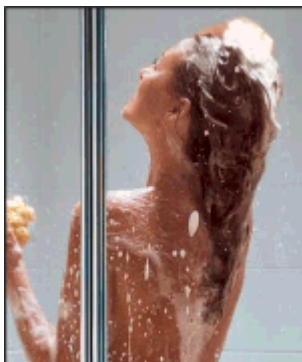
have been concerned about.

There is

a simple

cost effective

solution



to your concerns . . .

. . . and, *we have it!*

AAA BestWater Co.

Mahalo!

Why Choose AAA BestWater Co.



A Kama`aina Company Since 1983

Celebrating Over A Quarter of a Century Serving Hawaii! (26 Years!)

◆ *Experience* ◆ *Professionalism* ◆ *Reliability*

- ◆ **Serving Oahu longer than any other Water Treatment Systems Dealer**
- ◆ **More experience than any other Oahu Water Treatment Systems Dealer**
- ◆ **More systems installed than any other Oahu Water Treatment Systems Dealer**

We have Installed & Serviced many, many thousands of different Systems

- ◆ **Installations by: Experienced, Professional, Licensed Plumbing Contractors**

- ◆ **Best Service**
- ◆ **Best Selection**
- ◆ **Best Prices**
- ◆ **Best Value**
- ◆ **Best Quality**
- ◆ **Best Warranties**
- ◆ **Best Guaranties**
- ◆ **Best Installations**

Guaranteed!

Call 454-2666