



INSTALLATION & OPERATIONS MANUAL

BHL - 3100



Congratulations!

You have just purchased one of the most essential and beneficial products for your health available today.

Our Alkazone Water Ionizer creates antioxidant ionized alkaline water from normal tap water. Although the Alkazone Water Ionizer performs first stage filtering and many people think of it as a great water filter, the machine is not simply a water purifier. It is a highly sophisticated "***alkalizer***" separating the water into acid and alkaline components. Alkaline water promotes good health, while the acidic water has many household uses :

There are two important consideration required for years of trouble free operation of your new machine:

- ***Source water ideally should be city or tap water.*** For well water, water test must prove the suitability to the machine. Well water may cause the pH not to rise to the optimum level.
- ***Sediments or deposits content of the source water must be checked to determine if any pre-filter system are required.*** Tap water may contain excessive sediments due to over aged distribution lines.

Please follow the directions and other information in this manual for proper installation and smooth operation of your Water Fountain.

Please fill out the Warranty information on the back of this manual and maintain your sales receipt so that your warranty can be validated.

Please fill out and return enclosed Warranty Certificate to insure your warranty coverage.




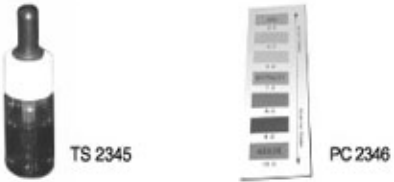




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PARTS

Faucet Diverter and Related Part	 <p>FD 2341</p> <p>AT 2342</p>
Water Hose (7ft)	 <p>WH 2343</p>
Hose Clamps (3)	 <p>HC 2344</p>
Test Solution (1 bottle) 3 drops of solution shows your tap water just changed to alkaline water	 <p>TS 2345</p> <p>PC 2346</p>
Flexible Water Hose	 <p>FH 2340</p>
Share Fuse (3 Amp)	 <p>SF 2346</p>

High Performance Fiter ... Mounted on the water fountain

NOTE: Faucet diverter and flexible steel water hose is packed in the compartment on the outside of the styrofoam machine package.

PREPARATIONS FOR SAFETY



Improper use of this instructional manual may cause material damage or physical hazards.



WARNING - Make sure to follow these directions for your safety.



- Use AC 120V only. Wrong voltage may cause fire or electric shock.
- The fuse capacity of the product is 3A. Do not use other than this capacity.
- Use only tap water or drinkable water.



- Do not remodel, disassemble or repair the product. It may cause fire or electric shock. We are not responsible for improper use.



- If you develop any skin trouble after using acidic ion water(Astringent), please stop using the product and consult your family doctor.
- Remove dust and moisture from plug regularly.



CAUTION - Safety Precautions



- Do not use the power button and plug with wet hands. It can cause electric shock.



- Do not use the alkaline/acidic ion water for fish tanks. Environmental change may cause the death of fish.
- Do not wash or rinse the main body with water. It may cause electric leakage or shock.
- Do not electrolyze the hot water(35°C / 95°F or higher). It may cause thermal deformation or breakdown.
- Do not use aluminum container that is vulnerable to alkaline water and bronze container that is vulnerable to acidic water.

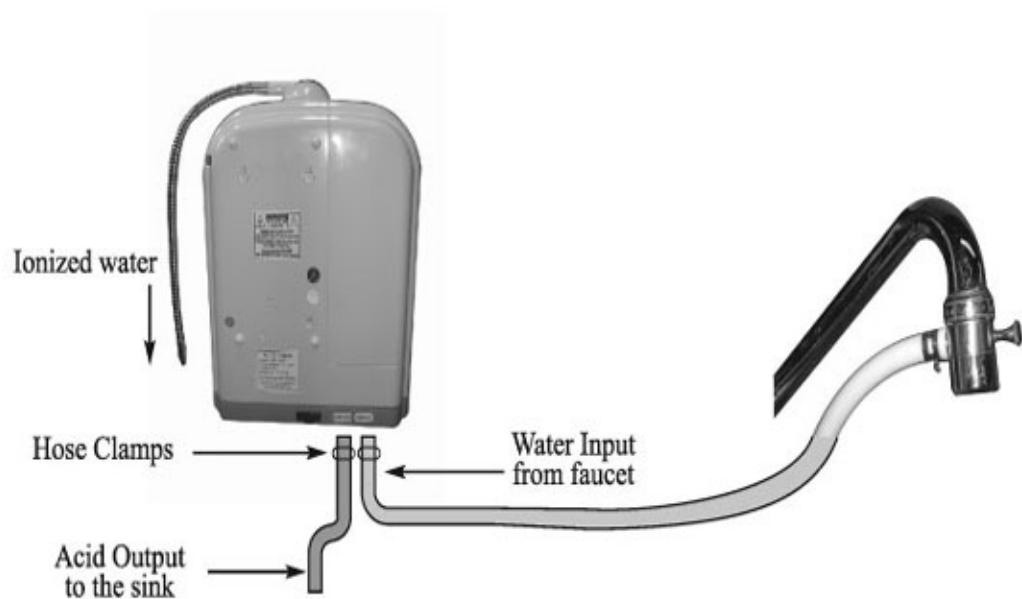
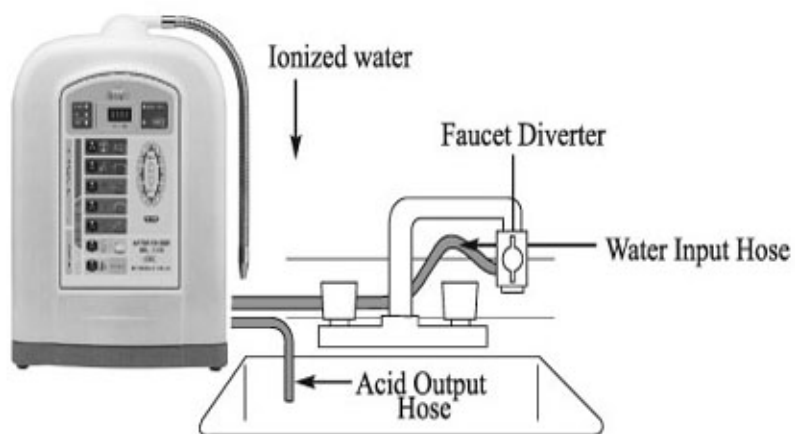


- When inserting the plug into the wall outlet, use the plug body not the cable. It may cause fire, electric shock or damage to cord.



- Keep the alkaline ion water with clean container in the refrigerator. And drink with in 3-7 days, as ionization changes over time.
- First time users of alkaline water should start with lower and increase slowly but surely

INSTALLATION DIAGRAM



INSTALLATION INSTRUCTIONS

TOOLS NEEDED:

Pliers or wrench
Scissors

MACHINE INSTALLATION:

1. Position the water Fountain on a firm and level surface or mount on the wall away from any extreme heat or direct sunlight or flame.
2. Install the diverter to the desire faucet
 - (a). Remove the crew cap (aerator) from the current faucet.
 - (b). Screw the diverter on the faucet carefully, then tighten with a pair of plyers.

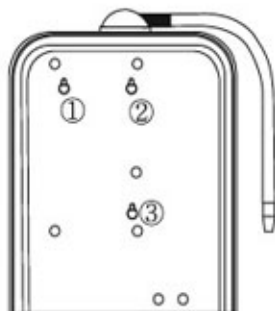
You may need a matching adapter for mounting diverter on the faucet.

3. Plastic Hose Installation
 - (a). Measure the length of hose from a faucet diverter to the Water Fountain. Make sure to leave enough room to account for the swinging movement of the faucet or possible future relocation of the system. Cut and prepare two pieces of hose with a sharp knife or scissors.
 - (b). Connect the hose to the Water Fountain Inlet and to the faucet diverter Outlet using clamps.
 - (c). Connect the other hose to the Acid Outlet of Water Fountain using a clamp and let it drain freely into your sink, or a container if you want to use acid water.
4. Connect the flexible metal hose to Alkaline Water Exit on the top of the water Fountain.
 - (a). Wet the end of the hose with water and firmly insert it while twisting the hose.
5. Plug in the power cord to a AC 120V electrical outlet.
6. Run the cold water through the Water Fountain test operation and cleaning system
7. Power will turn on and off automatically and will be activated by water flow.

INSTALLATION ON THE LOCATION

■ Mounting the Machine on the Wall

- 1) Wet the wall mounting drawing and put it horizontally on the wall.
- 2) Drive nails into the horizontal direction(①-②) or the vertical direction(②-③).
- 3) Hang the machine on the nails. ⊕: Nail Position



INSTRUCTIONS BEFORE USING

Precautions

- Do not carry the machine holding the alkaline water faucet (It may break the machine).
 - Do not operate the machine for a long time in order to get strong alkaline water as the built-in temperature sensor, will protect full system from overheating automatically. operating when the machine is overheated.
- ◎ When using the machine at a place where the input water has high TDS(Total Dissolved Solid)
- Once a day, please push 'CLEAN' button, drain out the acidic water through the alkaline water faucet for 1 minute and then proceed normally.
 - ※ Water of high TDS generally contains a lot of calcareous substance in the water so that these calcareous substances would generally stick to the electrodes.
- Please do not use hot water over 35°C / 95°F it may cause damage to the machine.
 - pH value will be different depending on the area and source of water.
 - Please stop operating the machine under the following conditions, which will cause malfunctions.
 - Dirty Water ● Salty Water ● Rusty Water

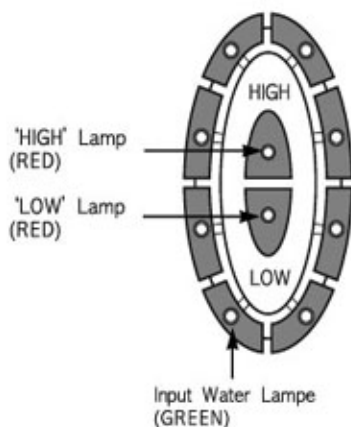
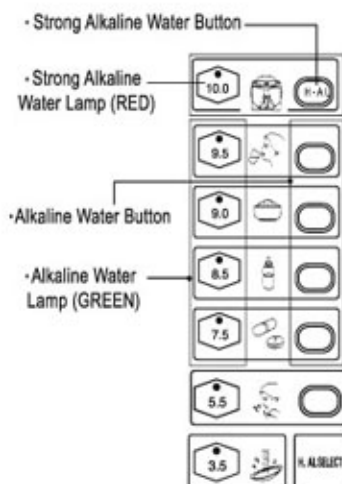
Usage of ionized water

pH Select button	USE	Notice	pH Value
	<ul style="list-style-type: none"> • To remove bitter taste from the vegetable • To wash vegetables 	<ul style="list-style-type: none"> • Consult your a doctor for drinking at this level 	10.0~10.5
	<ul style="list-style-type: none"> • For making Coffee, Tea and Soup 	<ul style="list-style-type: none"> • Drinking and Cooking 	9.0~10.0
	<ul style="list-style-type: none"> • To cook steamed rice • Drinking and cooking 	<ul style="list-style-type: none"> • Drinking and Cooking (See the page 17) 	
	<ul style="list-style-type: none"> • First time alkaline water users 	<ul style="list-style-type: none"> • First time alkaline water users 	8.0~9.0
	<ul style="list-style-type: none"> • For taking medicine. (Use purified or neutral water). 	<ul style="list-style-type: none"> • Purified water or neutral water 	6.5~7.5
	<ul style="list-style-type: none"> • For washing face or taking a shower 	<ul style="list-style-type: none"> • Use it as an astringent After shaving or washing face 	4.5~5.5
	<ul style="list-style-type: none"> • For washing dishes • For sterilizing 	<ul style="list-style-type: none"> • You can get superoxide water at around pH3.5 from the acidic water pipe when pushing the strong acidic water button and adjusting the acidic water controlling lever. 	3.0~4.0

※ pH concentration level of the alkaline water and the acidic water will vary of above PH ranges according to the source water quality and quantity.

OPERATION

Alkaline Ionized Water



1. Turn on the water valve.
2. Press Alkaline Water Button or Strong Water Button.
 - Selected pH level will light.
 - Green light is on if alkaline water selected.
 - Strong Alkaline Water selected, Red light is on.
3. Get the ionized water.

■ When you turn off the water valve and turn it on again.

The previous pH setting will be activated.

Do not use High Alkaline Water for over 30min to 1hr.

Depending on the source water power will be shot off automatically to prevent machine from overheating.

■ Water Pressure Indication Lamp

Input Water Lamp circulates according to the input water pressure.

It circulates at high speed when using high water pressure and at low speed when using low water pressure.

- When the water pressure is hogn 'HIGH' Lamp light on, and when the water pressure is low, 'LOW' Lamp is on, but in the status of reasonable water pressure, both lights do not turn on.

※ Adjust the water valve until 'HIGH' Lamp gone if 'HIGH' Lamp turns on because of high water pressure.

Acidic Ionized Water

1. Turn on the water valve.
2. Press the acidic water button then pH level will be indicated on the control board.
3. Take acidic water.

When the water valve turns off and turns on again, the previous alkaline pH level will be settled.

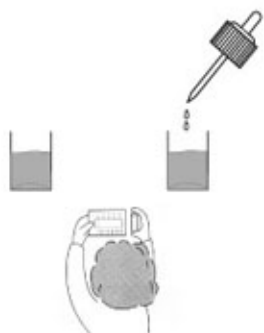
COUNTERTOP DISPLAY



pH Value measurement

You can measure the pH value of alkaline water or acidic water by following these procedures

- Please prepare the pH tester to measure pH value.
- Measurement Method



1. Drain out alkaline or acidic water for 10 seconds.
2. Fill $\frac{1}{3}$ of a translucent glass of ionized water.
3. Shake the ionized water after dropping 2 - 3 drops of pH tester into it.
4. Compare the color of the ionized water with the pH comparative color chart in a bright place.

◎ Note:

- Please compare the colors as soon as possible as the color will change as time goes by.
- When you throw an undiluted solution of pH tester away, please dilute it with water.
- The color of the tested water may differ from the color of the pH comparative table due to the other substances dissolved in the water.
- The color of alkaline water or acidic water are different according to the pH value of each experimented water.

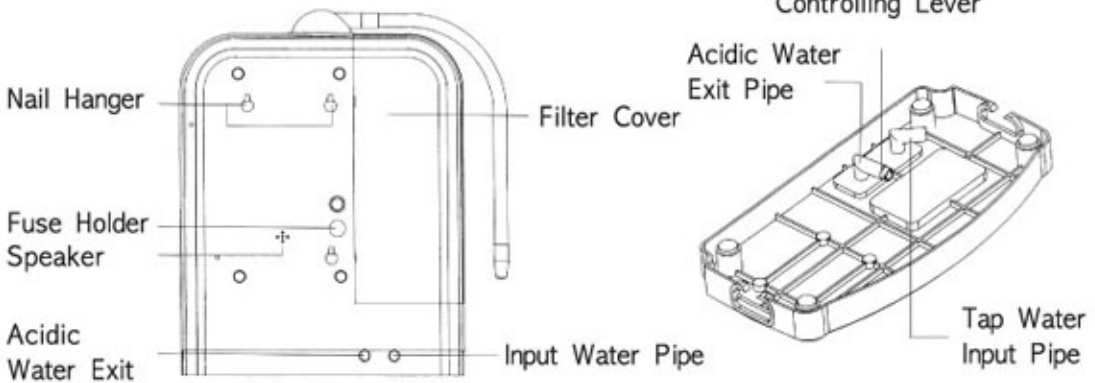
NAME OF EACH PART

Front



Back

Inside Of Bottom Panel



USE OF IONIZED WATER

1. Use of Alkaline Ion Water (recommended usages)

	First 7 Days of usage				Regular Usage	
	Children	Adult	Patient	Note	Children	Adult
Alkaline Ion Water	pH7.5-8.5	pH7.5-8.5	pH7.5-8.5	2~3 cups a day	pH8.5-9.0	pH8.5-9.5

* When sterilizing and disinfecting use pH3.5.

2. Caution

■ Do not use water over pH 10.0 for drinking (Strong Alkali).

- For drinking or cooking use around pH9.5.
- Consult with doctor before using over pH10.0.
- Do not drink acidic water or water after cleansing.



3. General Use of Alkaline Ion Water

- For good health, start and end the day with 1-2 glasses each.
- At first drink 1-2 glasses and as your body adapts increase your consumption to more than 6 glasses (1,000-2,000cc) at pH 9.0-9.5.
- Virus and bacteria can not survive in alkaline ion water.

4. Special Use of Alkaline Ion Water

■ Rice Cooking

When cooking rice, put the rice in the alkaline water for 30-60 minutes. It makes the rice glossy, tasty, and enables you to keep it for a long time even in summer.

■ Coffee and Tea

It eliminates the bitter taste of coffee and the astringent taste of tea and enhances the special taste and aroma of tea.

■ Excessive Drinking, Hangover

It is good to drink this 1 or 2 cups of this water before going to bed or on an empty stomach.

■ Various Dishes

When cooking bamboo shoots, seaweeds, and other foods with alkaline water eliminates the acrid and stinky taste. Especially when cooking fish it eliminates smell and makes it tastier.

■ Vegetable, Fruit(10.0)

Storing fruits and vegetables after dipping in alkaline water will keep it fresh for longer period of time.

■ Liver, Pork, Fresh Meat, Vegetable

Cook after dipping them for 20-30 minutes eliminates after taste and makes it soft and tasty.



5. Use of Acidic Water

■ Bathing, Washing, Haircut

When bathing with Acidic Ion Water it becomes a beauty water good for your skin. Acidic Ion Water is an astringent therefore it makes your skin soft and resilient. After washing hair with soap rinse with acidic ion water, it will neutralize the alkali nature of the soap and makes your hair shiny.



■ Flower Arrangement

When applying acidic ion water on the cut area of the flower, the freshness of the flower remains for a long time.

■ For Noodles

Parboiling noodles in acidic ion water makes the noodle more chewy, and delicious. (Thick noodles like pasta may not parboil well in acid ion water, in this case use alkaline ion water.)

■ When Boiling Egg

Boiling eggs in acidic ion water makes it easier to peel the shell and enhances the taste.

■ When Cleaning

Cleaning the floor with acidic ion water will not cause stickiness as acidic ion water dries fast.

■ When Cleaning Windows

Cleaning glass, window, mirror etc. with acidic ion water rids dust easily and makes it shinier.

■ Settlement on Kettle, Burnt Pan

Pouring acidic ion water on kettle with settlement and burnt pan help clean faster.



■ Cleaning Chopping Board(pH 3.5)

When using chopping board it makes a lot of knife marks. These knife marks are full of dirty substance. Acidic water will help sterilize chopping board.

■ Washing Tableware(pH 3.5)

Acidic ion water has great cleaning, sterilizing ability, it is recommended that you use it when washing tableware.

REPLACEMENT OF FILTER

Filter Replacement

Please check if the filter life is over.

Filter life is different according to the input water quality regardless the filter meter says '9999' or not.



- When the filter meter indicates '9999', it means that about 1000 gallons of water have passed through the machine.
- When the filter meter says '9999', the numbers will be blinking and the machine will give you a voice information on the moment of Filter Exchange.

To obtain OPTIMAL performance of the filter we recommend that you replace your filter every 6 months or every 1000 gallons, which ever comes first

◎ Note

- Filter life would be shortened very much in the following cases:
 - Input water is rusty due to the old rusty water pipe.
 - When the machine has filtered water which contains high amount of impurities in a short period of time.
 - When the machine is being operated in a place where input water pressure is low example a high building.
- Please exchange the filter if you think the filter meter is not reading properly. the filter meter should say bellow '9999'

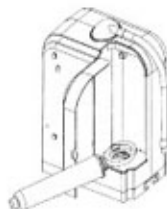
Method Of Filter Replacement

- Do not pull out the power cord.

(If you pull out, the filter meter does not return to '0000' even you push 'Reset Button' .)



1. Open the filter cover and take it out.
(Be careful as water flows from the filter. This is not a leakage)
2. Replace a new filter in the machine.
3. Turn on the water valve and input water into the machine for 2 - 3 minutes.
(Water with activated carbon powder will come out just after filter exchanged)
Confirm if there is any some leakage between the filter and the filter housing.



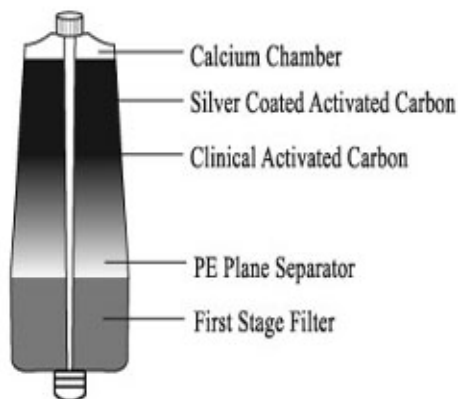
4. Press the Reset Button.
 - Please press the Reset Button after turning on the water valve.
 - Please check if the filter meter indicates [0000].
5. Close the cover.

◎ Note

- After the filter exchanged, you may see some white and small bubbles in the alkaline water but they are not harmful to our body.
- During 1st week after changing the filter, pH value would be higher than normal this is normal.

※ Any time you exchange the filter, please follow the above procedure.

HIGH PERFORMANCE FILTER



OPTIONS

Pre - filters - For variety of conditions: fluoride, lead sediment, etc.

Water testers

SPECIFICATIONS

Item	Water Ionizer	Electrolysis System	Method	Continuous Electrolysis
Model	BHL - 3100		Capacity	0.5 gallon/min(Water pressure 2 kg f/cm ²)
Voltage	AC 120V		Method	Alkaline Water Level : 1~5 Acidic Water Level : 1~2
Water supply	Direct Connection to the tap water		Self-Cleaning	Automatic Self-Cleaning every 2.5 gallons of water passage. Cleaning : 30 Sec, Drainage : 20 Sec
Size	280(W)×360(H)×140(D)m/m	Purifying System	Electrolytic cell	4 Panels of Platinum Titanium
	Weight		About 1 lbs	Replacement Filter
Water Pressure	70~600kpa(0.7~6.0 kg f/cm ²)		Capacity	About 1000 gallons
Water Temperature	5~35° C / 41 - 95° F		Filter Life	Shown on the filter meter
Protection	Two built-in temperature sensors protecting the machine from overheating	Filter Material	Non woven, PP filter, Clinical grade activated carbon, Silver impregnated activated carbon, Calcium	

Please check the following items before calling us for service. If you have any problem with your machine, every step of installation and operation must be checked first. Hooking up hoses in reverse, or failing to plug in the power happens often, but it is not a service issue. **Filter clogging and slower rate to excessive sediments of your source water is not a service issue.** If there is still a problem, we will be glad to help you.

PARTS:

A1 Flexible Steel Water Hose and A 1 Faucet Diverter Value and its related parts are packed in the foam package. Please check the package before calling us for "*missing parts*".

LEAKS:

Check every external connection first.

Check both ends of water input hoses if they have been properly connected to each terminal and tightened by clamps.

Check the filter cartridge that is to be seated and locked on the filter base securely.

POWER:

The machine should be plugged in at all times, and the power left on. The machine is activated automatically by the water flow. The diagnostic light will tell you which functions are active and if you have power.

HOSES:

Hooking up the hoses in reverse will not damage the machine but will result in abnormal malfunctions, such as water running, light and electrolysis taking place. Please connect hoses correctly.

FILTER REPLACEMENT;

The High Performance Filter is normally rated at 1,000 gallons. even if your unit has not reached 1,000 gallons of output water, you will have to replace the filter if the filter meter has reached 9999 digits ***However, sediments or deposit content of the source of water must be checked to determine if any Pre-filter System is required.***

OVERHEATING:

After extended operation the machine shuts itself down to prevent overheating. Wait 30 minutes before activating machine again. ***Do not worry!*** The automatic shutdown prevents damage this is normal.

WATER TASTE CHANGES:

Often a change in taste is due to still water. Therefore, it is recommended to run the water for a few seconds.

Full One Year Warranty

Better Health Lab, Inc, will provide one full year of part and Labor(s) warrant form the date of purchase. Misuse, abuse, neglect, mishandling, installation not followed correctly, misapplication, or alteration, modification of installation other than intended design outlined in this booklet may void the warranty.

This warranty applies only while this product is in use the within USA.

For us provide better service, please fill out and return the following warranty card to

**Better Health lab,. Inc.,
221 62nd Street
West New York, NJ 07093 U.S.A
800 - 810 - 1888**

Please record your serial number and date of purchase here for your own records, and return the warranty card to us at address above.

Please enclose a copy of your invoice along with your warranty card.

The following information on warranty card will be used only for marketing purpose and will be remained confidential.

Cutting here

Warranty Card

1. Name *(First)* _____ *(Last)* _____

2. Date of Birth: _____ 3. Gender: _____

4. Address: _____
Street City State Zip

5. Tel: _____ 6. Spoken language in your family _____
Fax: _____

7. Email Address: _____
(Optional)

8. Serial Number: _____

9. Date of purchase: ____ / ____ / ____

9. Purchase place: _____
(Dealer Name) Street City State Zip

10. How were you introduced to our products? (check)

- Ad (write the source)
- Friends/ Relatives
- Dealer
- Web
- Other

RETURN PROCEDURES FOR BHL SERVICE

If you attempted to fix the problem of your machine and the problem could not be resolved, please contact our Customer Service Representative at (800) 810-1888.

Our Customer Service Representative is glad to help you with troubleshooting.

If our Customer Representative gives you an authorization to send your machine for service at Better Health Lab, Inc. shop, please adhere to the following directions carefully. *Without our prior authorization, service will not be provided by us.*

1. Remove Filter before shipping.
When you ship the machine, if the filter is mounted, this will cause severe damage to the machine
Please see Installation Instructions for page removing filter.
2. Provide us with detail diagnosis and problems of your machine in writing, enclosed with your package.
3. *Make sure that the machine is packed in the original package and put into another box for shipping. A double package is mandatory to prevent any further damages. BHL is not responsible for any caused by improper packaging.*
4. The Diverter Valve, the Flexible Metal Hose, and other hoses must be removed and should not be shipped with the machine to us.
5. Write a correct return address and telephone number on the package for us to contact you, when needed.
6. Freight to BHL, must be prepaid.

Return Policy

30-Day Money-Back Guarantee

Your satisfaction is our goal, and we strive to provide you with the right products to meet your needs. If you are not satisfied with our product, we will give you your money back. No refund will be made for shipping and handling charge. If the machine has been used during the 30 days, then there will be a 15% restocking fee to cover the cost of new filter and shipping and handling. Please call or e-mail us before returning the product. You will receive instructions on returning the item at that time. When returning the product, you must have original packaging, and the shipment must be insured for the original price of the machine. You must pay for shipping to return the item to us. Better Health Lab, Inc. will provide a refund upon receipt and inspection of the product. Your refund will be given the same way your payment was made.