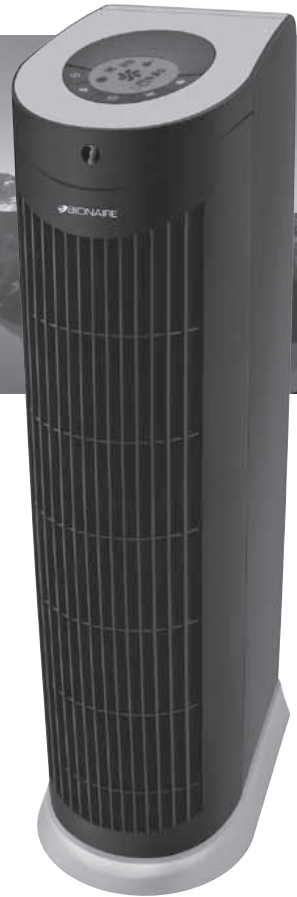


 **BIONAIRE®**

pure indoor living




UV AIR PURIFIER

MODEL: BAP9900UV-CN

Instruction Leaflet

Read instructions before operating. Retain for future reference.

 Questions? Comments? Call 1-800-253-2764 in North America.

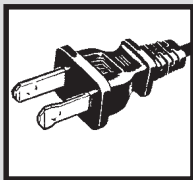
www.bionaire.com

PLEASE READ AND SAVE THESE IMPORTANT SAFETY INSTRUCTIONS

When using electrical appliances, basic safety precautions should always be followed to reduce the risk of fire, electric shock, and injury to persons. These precautions include:

1. Read all instructions before using the appliance.
2. To avoid fire or shock hazard, plug the appliance directly into a 120V AC electrical outlet.
3. If the filter is covered by a bag when shipped: Remove plastic bag before use.
4. Keep the cord out of heavy traffic areas. To avoid fire hazard, NEVER put the cord under rugs, near heat registers, radiators, stoves, or heaters.
5. To protect against electrical hazards, DO NOT immerse in water or other liquids. Do not use near water.
6. Close supervision is necessary when any appliance is used by or near children, or disabled persons.
7. Always unplug the air cleaner before moving or cleaning the unit, opening the grill, changing the filters and whenever the unit is not in use. To disconnect the unit, be sure to pull the plug and not the cord.
8. NEVER drop or insert any objects into the openings of the unit.
9. Do not operate any appliance with a damaged cord or plug. If the motor fan fails to operate or the unit has been dropped or damaged in any manner, return appliance to manufacturer for examination and/or repair.
10. Use appliance only for intended household use as described in this manual. Any other use not recommended by the manufacturer may cause fire, electric shock, or injury to persons. The use of attachments not recommended or sold by the manufacturer may cause hazards.
11. DO NOT use outdoors.
12. NEVER place on a soft surface such as a bed or sofa as this could cause the unit to tip over and block the air inlet or outlet grills.
13. Keep unit away from heated surfaces and open flames.
14. DO NOT place anything on top of unit.
15. DO NOT attempt to repair or adjust any electrical or mechanical functions on this unit. Doing so will void your warranty. The inside of the unit contains no user serviceable parts. All servicing should be performed by Jarden Consumer Solutions or an authorized Jarden Consumer Solutions Service Center with the exception of maintenance and replacement items.
16. **WARNING:** To reduce the risk of fire or electric shock, DO NOT use this air cleaner with any solid-state speed control device.
17. Always turn the appliance off before unplugging it.
18. NEVER use detergents, gasoline, glass cleaner, furniture polish, paint thinner or other household solvents to clean any part of the air cleaner.
19. The ionizer and UV bulb in this appliance produces less ozone than the UL established limits of 50ppb. However, in high concentrations, ozone can be harmful to birds and small pets. To prevent ozone buildup, we suggest using the ionizer in well ventilated areas with the fan on.
20. This appliance should only be used in a room with temperatures between 40° F and 110° F.
21. The sealed UV bulbs contain a small amount of mercury. Do not dispose of the used UV bulbs in your regular household trash. Disposal of any items containing mercury must be in accordance with your local hazardous waste disposal or recycling laws and regulations. If the UV bulb breaks, do not vacuum or handle it with your bare hands.
22. UV Bulb contains mercury. Do not operate with a broken bulb.

PLEASE SAVE THESE IMPORTANT SAFETY INSTRUCTIONS



THIS APPLIANCE HAS A POLARIZED PLUG (one blade is wider than the other). To reduce the risk of electric shock, this plug is intended to fit in a polarized outlet only one way. If the plug does not fit fully in the outlet, reverse the plug. If it still does not fit, contact a qualified electrician to install the proper outlet.

DO NOT ATTEMPT TO MODIFY THIS PLUG OR DEFEAT THIS SAFETY FEATURE IN ANY WAY.

FEATURES

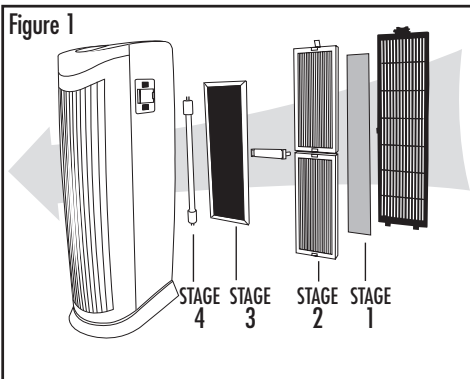
CORD SAFETY

- The length of cord used on this appliance was selected to reduce tangling and tripping hazards.
- If a longer cord is necessary, an approved extension cord may be used. The electrical rating of the extension cord must be equal to or greater than the rating of the air cleaner (see rating label marked on product).
- Care must be taken to arrange the extension cord so that it will not drape over the countertop or tabletop where it can be pulled on by children or accidentally tripped over.

HOW YOUR AIR PURIFIER WORKS

4-Stage Air Purification System

Your air purifier uses a four stage air purification system to help purify the air that passes through the filter (see Figure 1):



STAGE 1 - The air first enters the Pre-filter, capturing larger particles and extending the life of the filter.

STAGE 2 - HEPA Filter removes 99% of airborne particles as small as 2 microns such as dust, pollen, pet dander, smoke from air passing through the filter.

STAGE 3 - Photocatalytic Oxidation (PCO) Filter removes Volatile Organic Compounds (VOCs) and odours including toxic fumes and chemicals such as paint and new carpet fumes.

STAGE 4 - UV Bulb destroys germs, viruses, bacteria and fungi.

GET TO KNOW YOUR AIR PURIFIER YOUR BIONAIRE® AIR PURIFIER FEATURES:

ULTRAVIOLET LIGHT ☼

Ultraviolet light is a proven technology used to destroy various types of bacteria, viruses, fungi and mould spores and is commonly used in hospitals and commercial settings for sanitizing. This air purifier uses a UV-C bulb.

PHOTOCATALYTIC OXIDATION (PCO) FILTER

Photocatalytic oxidation is achieved when you combine UV rays with a Titanium Oxide (TiO₂) coated filter. The PCO filter removes VOCs (Volatile Organic Compounds) and odours which include harmful pollutants such as formaldehyde, ammonia, toxic fumes and chemicals such as paint and new carpet fumes as well as many other common contaminants released by building materials and household cleaners.

AIR QUALITY PARTICLE SENSOR

Your Bionaire® Air Cleaner includes a particle sensor that measures indoor air quality. When set to AUTO mode, it automatically adjusts the fan speed to cycle between speed settings to provide optimum filtration based on air particulate concentration. It also helps conserve energy by only operating the fan at higher speeds when needed.

HEPA FILTER

HEPA (High Efficiency Particulate Air) filters are designed to remove up to 99% of airborne pollutants, at 2 microns or larger, from the air that passes through them. These include tobacco smoke, household dust, pet dander and pollen.

WASHABLE PRE-FILTER

Washable pre-filter captures larger particles and extends the filter's cleaning cycle.

FEATURES - OPERATIONS

PROGRAMMABLE TIMER

The programmable timer allows you to run the air cleaner at your convenience, for up to 8 hours, and automatically turns the power off when time is up, to help reduce energy costs.

FILTER SERVICE INDICATOR

The Filter Service Indicator eliminates guesswork by letting you know when it is time to clean the filters.

THREE SPEED SETTINGS

For optimum air filtration, operate your Bionaire® air cleaner continuously on the highest (3) setting. Its rugged motor has been designed to give many years of use. For quieter operation (such as in a bedroom), select the lowest (1) setting.

REMOTE CONTROL

The convenient remote control allows you to operate the air purifier from anywhere in the room.

OPTIONAL IONIZER

This appliance has an optional ionizer feature which, when turned on, releases negative ions into outgoing filtered air to help the air purification process.

What Are Ions?

Ions are tiny particles that carry a positive or negative charge. They exist naturally around us: in the air, water, and ground. Both positive and negative ions are colorless, odorless, and completely harmless.

How Does The Ionizer Work?

Negative ions help air purification by attaching themselves to very small airborne particles in the room. These particles take on a negative charge and may join with positively charged particles such as dust, pollen, smoke, and pet dander to form larger particles. These larger particles are then more easily captured by the filter system.

Important Notes:

Your ionizer may produce an occasional popping or cracking sound. This is normal and occurs when a small buildup of ions is discharged.

After extended use, you may notice dust around the grills

or front panel. This is caused by negative ions exiting the air outlet, evidence of the ionizer's air cleaning effectiveness. You can remove the dust with a soft brush or clean, damp cloth.

Larger particles may be attracted to positively charged surfaces throughout the home, like walls or floors.

- This may occur more frequently when the filter is nearing the end of its useful product life and unable to capture as many charged particles.
- Excessive amounts of pet dander, dust, or smoke may decrease the life expectancy of the filter(s) and interfere with the ionization process.

To help prevent particles from attracting to surfaces throughout your home:

- You may want to run the ionizer less often.
- Check the condition of filters more frequently.

CAUTION: The ionizer in this appliance produces less ozone than the UL established limits of 50ppb. However, in high concentrations, ozone can be harmful to birds and small pets. To prevent ozone buildup, we suggest using the ionizer in well ventilated areas with the fan on.

IMPORTANT: Always clean the filter at the recommended intervals (See CLEANING THE HEPA FILTER). Using the ionizer with dirty filters may result in dirty particles exiting the air purifier and attracting to walls, carpets, furniture, or other household objects. These dirty particles may prove difficult to remove.

ENERGY STAR® – This product earned the ENERGY STAR® by meeting strict energy efficient guidelines set by the US EPA. The energy efficiency of this ENERGY STAR qualified model is measured based on a ratio between the model's CADR for dust and the electrical energy it consumes, or CADR/ Watt.

BEFORE USE

1. Carefully unpack your air cleaner.
2. Unpack the remote control from box.
3. Select a firm, level surface with no obstructions to the air inlets or outlets.

OPERATIONS

OPERATING INSTRUCTIONS

IMPORTANT:

- DO NOT POINT FILTERED AIR OUTLET TOWARDS WALL.

To operate your air cleaner:

1. Press the POWER button (⏻).
 - The LCD screen will illuminate.
 - The air cleaner will turn on at the optimal filtering speed for normal conditions, LCD will display both the speed setting and the fan icon (🌀).
2. You can change the filtering speed by pressing the SPEED button (🌀) until you reach the desired speed: 1-2-3-AUTO. "AUTO" mode will enable the fan speed to automatically adjust based on the air quality conditions. (see the "AIR QUALITY PARTICLE SENSOR" section under OPERATING INSTRUCTIONS for details).
 - The air cleaner will turn off when you press the POWER button (⏻) at any speed.
3. Press IONIZER button (⊗) to turn ionizer ON or OFF.
 - The Ionizer icon (⊗) will appear on the LCD display when this function is activated.
 - IONIZER button (⊗) works in any mode except when air cleaner is turned off.
4. You may set the TIMER to automatically turn off your air cleaner when the desired time has elapsed. Press the TIMER button (🕒) until you reach the desired number of hours you want the unit to operate (from 1 to 8 hours).
 - The number of hours selected and the Timer icon (🕒) will light up on the LCD display and remain illuminated on the control panel.
 - When time is up, the air cleaner will turn off.
 - To CANCEL the timer or operate in a continuous mode, press the TIMER button (🕒) until the hour selection disappears on the LCD display. You may also cancel the timer operation by turning the POWER button (⏻) off.
5. Press the UV button (☀️) to turn the UV bulb ON or OFF. The UV icon (☀️) will appear on the LCD display when this function is activated.

Note: This unit is equipped with a safety interlock switch. Removing the rear grill will cancel the UV light function and turn off the unit.





AIR QUALITY PARTICLE SENSOR

Your Bionaire® Air Purifier comes with an Air Quality Sensor which uses an advanced infrared optical system to constantly detect tiny particles in the air around the air purifier. It also displays the air quality conditions on the LCD display screen using a series of images.

When the air purifier is in "AUTO" mode (by pressing the SPEED button (🌀) until "AUTO" display on the LCD), it will automatically adjust the fan setting to the optimum speed based on the air quality conditions and particle levels in the air. If the particle concentration in the air rises, so will the speed.

To use this feature:

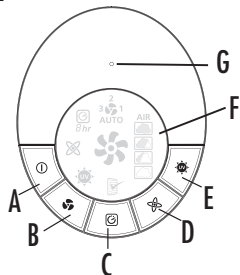
1. Press the SPEED button (🌀) and scroll through the speed settings until you see the word "AUTO" on the LCD display screen.
2. Understanding the air quality conditions on the LCD display screen:

	Poor indoor air quality or high levels of airborne particles
	Medium levels of airborne particles in the air
	Low levels of airborne particles in the air
	Good indoor air quality

3. To turn OFF the "AUTO" mode feature, either turn OFF the unit by pressing the POWER button (⏻) or press the SPEED button (🌀) to select your desired speed setting (1-2-3). You can look at the LCD screen at any time to understand the air quality level.

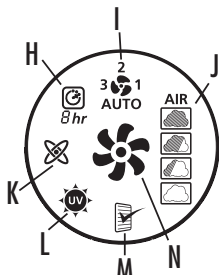
OPERATIONS

Figure 2



Control Panel

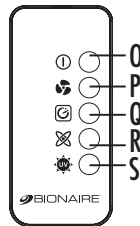
- A. Power Button (⏻)
- B. Speed Control Button (🌀)
- C. Timer Button (🕒)
- D. Ionizer Button (⊗)
- E. UV Button (☀️)
- F. LCD screen
- G. RESET hole for Filter Service Indicator



LCD Screen

- H. Timer Icon/ Indicator (🕒)
- I. Speed Setting Indicator (🌀)
- J. Air Quality Icons/ Indicators (🌫️)
- K. Ionizer Icon/ Indicator (⊗)
- L. UV button Icon/ Indicator (☀️)
- M. Filter check Icon/ Indicator (🗑️)
- N. Fan Icon/ Indicator (🌀)

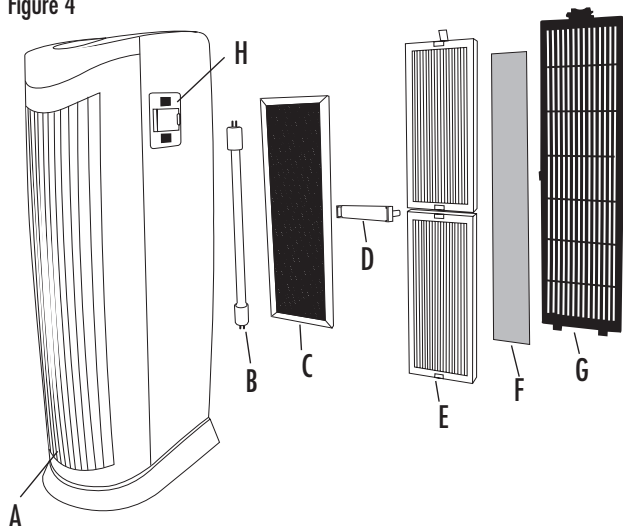
Figure 3



Remote Control

- O. Power Button (⏻)
- P. Speed Setting Button (🌀)
- Q. Timer Icon (🕒)
- R. Ionizer Icon (⊗)
- S. UV button Icon (☀️)

Figure 4



Air Purifier Unit

- A. Filtered Air Outlet
- B. UV Bulb
- C. Photocatalytic Filter
- D. PCO Retainer
- E. HEPA Filters
- F. Pre-filter
- G. Inlet Grill
- H. Air Quality Particle Sensor

OPERATIONS - CLEANING AND MAINTENANCE

BEFORE USING THE REMOTE CONTROL:

Your remote control includes (1) lithium battery, CR2025/3V.

The lithium coin battery used in this product contains perchlorate material. Special handling may apply in the state of California (USA). For more information, go to: www.dtsc.ca.gov/hazardouswaste/perchlorate.

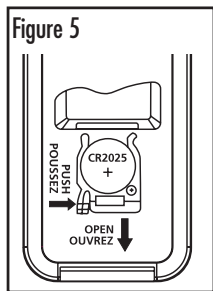
Please note this remote control will not work through walls.

NOTE: REMOVE THE PLASTIC TAB FROM THE BATTERY PRIOR TO FIRST USE.

To Install or Replace Batteries:

1. Locate the battery cover on the back of the remote control handset. Slide the battery cover out (Figure 5).
2. Place battery into battery compartment (Figure 5).
3. Slide battery cover closed.

This Class B digital apparatus complies with Canadian ICES-003.



CAUTION: Due to risk of fire and burns, do not recharge, disassemble, heat or incinerate. Keep battery out of reach of children. Dispose of used batteries promptly as per national, regional and local codes. Never put batteries in mouth. If swallowed, contact your physician or local poison center.

To operate the air purifier with your remote control:

1. Press the POWER button (⏻) to turn unit ON or OFF.
2. Select the filtering speed by pressing the SPEED button (⚙️) until you reach your desired speed setting (1-2-3) or to select the air purifier in AUTO mode to activate the Air Quality Particle Sensor feature.
3. Turn the ionizer ON or OFF by pressing the IONIZER button (⚡).
4. Press the TIMER button (🕒) to program your air purifier to turn off automatically after running a defined time interval (from 1-8 hours).
5. Press the UV button (☀️) to turn the UV bulb ON or OFF.

NOTE: You will hear a beep when a feature is selected using the remote control.

CLEANING AND MAINTENANCE

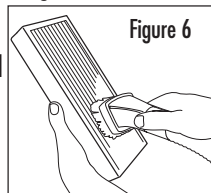
Cleaning The HEPA Filter

- Every few weeks, check the condition of the filter.
- After approximately 3 months of operation, a Filter Service Indicator (🔧) will appear on the LCD Display to alert you to clean the filter before further use.

To clean the filter:

1. Turn off and unplug the air cleaner.
 2. Remove the air inlet grill.
 3. Remove and examine the foam pre-filter. If it has collected dust or lint, remove and wash it in warm soapy water. Rinse and drip dry thoroughly before placing it back into the grill inlet.
 4. Check the condition of the filters and remove if dirty.
 5. Clean the filter.
- Using your vacuum cleaner, run the brush attachment along both sides of the filter and clean between the pleated layers (Figure 6).

NOTE: Filter may appear discolored, even after vacuuming. This is normal and does not affect performance in any way, therefore a new filter is not necessary.



IMPORTANT: Do not use water, household cleaners or detergents to clean the filter.

WARNING: To reduce the risk of electric shock, perform cleaning maintenance only as specified in these operating instructions. DO NOT immerse in water or other liquids. Wipe outer case with a dry cloth.

Reinstalling The Filter After Cleaning

1. Make sure the air purifier is turned off and unplugged.
2. Place the filter back into the air purifier housing. Ensure that the metal tabs on the filter are facing towards the unit (see Figure 7).

NOTE: Air purifier will not work if filters are not installed correctly.

3. Place air inlet grill back onto unit securely. Air Purifier will not operate if air inlet grill is not properly assembled.

CLEANING AND MAINTENANCE

NOTE: This air purifier is equipped with a safety device to detect the proper assembly of the air inlet grill. Do not defeat this safety feature.

4. After replacing the filters, RESET the Filter Service Indicator by inserting a small object (such as a pin or paper clip) into the hole located on the control panel (see Figure 2,G) continuously for 5 seconds. The Filter Service Indicator icon () will disappear from the LCD display.

Cleaning The Photocatalytic Oxidation (PCO) Filter:

It is recommended that you clean the PCO filter every 3 months for optimal performance.

1. Remove the HEPA filters.
2. Gently remove the PCO filter retainer (red plastic insert) from the housing (see Figure 8).
3. Remove the PCO filter.
4. Gently rinse the PCO filter in the sink for approximately 5 seconds. Do not scrub or use any detergents to clean the filter. Allow filter to air dry before reinstalling in the unit.

Replacing the ultraviolet (UV) bulb

The UV-C light bulb is designed to last up to 8000 hours, which is almost a full year of continuous use. Over time, with use the 8 watt UV-C bulb will lose some intensity. We recommend you replace the UV-C bulb once every year. You will know when it is time to change the bulb when it continuously flickers or you no longer see a glow at the back of the unit.

To replace the UV Bulb, follow the below instructions:

1. Turn off the air purifier and unplug the unit
2. Allow the UV bulb to cool down for approximately 15 minutes before handling
3. Remove the rear grill cover, HEPA filter and the PCO filter.
4. Grab both ceramic ends of the UV bulb. Turn it 90° in either direction and gently pull to remove (see Figure 9).

WARNING: Ultraviolet-C light is emitted from the bulb when the unit is plugged in. Do not expose eyes or skin to direct light from ultraviolet light. Severe eye injury or irritation could result.

(Hg)

UV lamp contains mercury. If the bulb breaks, do not vacuum or handle with your bare hands. Carefully sweep debris into a plastic bag and dispose properly at your local hazardous waste collection site. Do not attempt under any circumstance to clean the bulb, bulb holder or cylinder with water or wet solutions. This could result in electrical shock.

DISCARDING OLD UV BULB

Discard the old UV bulb cartridge at a hazardous waste collection site per local, regional and national laws and codes. For instructions regarding the proper disposal of old bulb(s) and to locate a collection depot in your community, contact your local waste management authority.

Bulb and bulb housing are not intended for use with any other product or purpose.

AIR QUALITY SENSOR CLEANING INSTRUCTIONS

It is recommended that you clean the air quality sensor approximately every 6 months to maintain accurate monitoring of particulate levels.

To clean the air particle sensor:

1. Turn off the air purifier and unplug the unit.
2. The air quality sensor is located at the side of the air purifier (Figure 4, H).
3. Open the sensor door.
4. Use a dry cotton swab to gently clean the sensor lens. Do not use water or any cleaning agents.
5. Securely close the sensor door. If it is not closed the sensor may not operate properly.

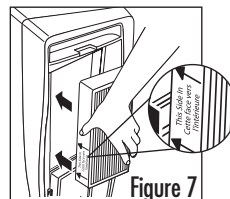


Figure 7

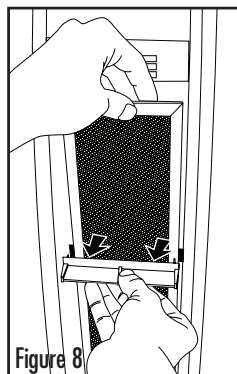


Figure 8

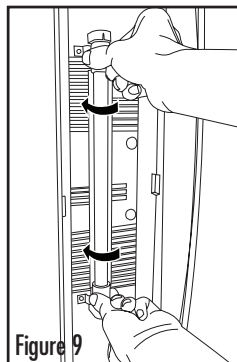



Figure 9

TROUBLESHOOTING

TIPS AND TROUBLESHOOTING

Problem	Solution
• Unit will not operate	<ul style="list-style-type: none">✓ Make sure the unit is plugged in and outlet is energized.✓ Make sure unit is turned ON. The unit has safety features in place to ensure unit is ready for operation: <ul style="list-style-type: none">✓ Ensure rear grill is installed correctly and is flush with the unit✓ Ensure HEPA filters are inserted in correct orientation with metal tabs facing inwards
• Decreased air flow	<ul style="list-style-type: none">✓ Make sure nothing is blocking air inlet and filtered air outlets.✓ Remove all plastic bags from filters.✓ Check condition of filters and clean if necessary.
• HEPA filter appears dirty, even after vacuuming clean	<ul style="list-style-type: none">✓ This is normal and does not affect performance in any way. A new filter is not necessary.
• Excessive noise	<ul style="list-style-type: none">✓ Remove plastic bags from filters.✓ Make sure parts are firmly positioned in place.
• The filter service indicator () still appears on LCD display even after cleaning	<ul style="list-style-type: none">✓ Ensure that you reset the filter service indicator properly (see "Reinstalling The Filter After Cleaning" section in this manual).

Should the filter become damaged during cleaning or you require any replacement parts contact our Consumer Service Department at 1-800-253-2764.

Replacement Parts:

Air Cleaner Model #	Quantity Needed	Part #	Description
BAP9900UV-CN	2	139068	HEPA Filter
BAP9900UV-CN	1	139067	Photocatalytic Filter
BAP9900UV-CN	1	139066	UV Bulb

If you have any questions regarding your product or would like to learn more about other Bionaire® products, please contact our Consumer Service Department at 1-800-253-2764 or visit our website at www.bionaire.com.

© 2010 Sunbeam Products, Inc. doing business as Jarden Consumer Solutions. All rights reserved. Imported and distributed by Sunbeam Corporation (Canada) Limited doing business as Jarden Consumer Solutions, 20B Hereford Street, Brampton, Ontario L6Y 0M1.

WARRANTY INFORMATION

3 YEAR LIMITED WARRANTY

Sunbeam Products, Inc. doing business as Jarden Consumer Solutions or if in Canada, Sunbeam Corporation (Canada) Limited doing business as Jarden Consumer Solutions (collectively "JCS") warrants that for a period of three years from the date of purchase, this product will be free from defects in material and workmanship. JCS, at its option, will repair or replace this product or any component of the product found to be defective during the warranty period. Replacement will be made with a new or remanufactured product or component. If the product is no longer available, replacement may be made with a similar product of equal or greater value. This is your exclusive warranty. Do NOT attempt to repair or adjust any electrical or mechanical functions on this product. Doing so will void this warranty.

This warranty is valid for the original retail purchaser from the date of initial retail purchase and is not transferable. Keep the original sales receipt. Proof of purchase is required to obtain warranty performance. JCS dealers, service centers, or retail stores selling JCS products do not have the right to alter, modify or any way change the terms and conditions of this warranty.

This warranty does not cover normal wear of parts or damage resulting from any of the following: negligent use or misuse of the product, use on improper voltage or current, use contrary to the operating instructions, disassembly, repair or alteration by anyone other than JCS or an authorized JCS service center. Further, the warranty does not cover: Acts of God, such as fire, flood, hurricanes and tornadoes.

What are the limits on JCS's Liability?

JCS shall not be liable for any incidental or consequential damages caused by the breach of any express, implied or statutory warranty or condition.

Except to the extent prohibited by applicable law, any implied warranty or condition of merchantability or fitness for a particular purpose is limited in duration to the duration of the above warranty.

JCS disclaims all other warranties, conditions or representations, express, implied, statutory or otherwise.

JCS makes no warranty, express or implied, written or oral, including that of merchantability or fitness for any particular purpose with respect to filters and any other accessories.

JCS shall not be liable for any damages of any kind resulting from the purchase, use or misuse of, or inability to use the product including incidental, special, consequential or similar damages or loss of profits, or for any breach of contract, fundamental or otherwise, or for any claim brought against purchaser by any other party.

Some provinces, states or jurisdictions do not allow the exclusion or limitation of incidental or consequential damages or limitations on how long an implied warranty lasts, so the above limitations or exclusion may not apply to you.

This warranty gives you specific legal rights, and you may also have other rights that vary from province to province, state to state or jurisdiction to jurisdiction.

How to Obtain Warranty Service

In the U.S.A.

If you have any question regarding this warranty or would like to obtain warranty service, please call 1-800-253-2764 and a convenient service center address will be provided to you.

In Canada

If you have any question regarding this warranty or would like to obtain warranty service, please call 1-800-253-2764 and a convenient service center address will be provided to you.

In the U.S.A., this warranty is offered by Sunbeam Products, Inc. doing business as Jarden Consumer Solutions located in Boca Raton, Florida 33431. In Canada, this warranty is offered by Sunbeam Corporation (Canada) Limited doing business as Jarden Consumer Solutions, located at 20 B Hereford Street, Brampton, Ontario L6Y 0M1. If you have any other problem or claim in connection with this product, please write our Consumer Service Department. **PLEASE DO NOT RETURN THIS PRODUCT TO ANY OF THESE ADDRESSES OR TO THE PLACE OF PURCHASE.**