BioZone PR Series

OWNER'S MANUAL

BioZone PR05, PR10, PR20, PR30

BIOZONE®
SCIENTIFIC INTERNATIONAL

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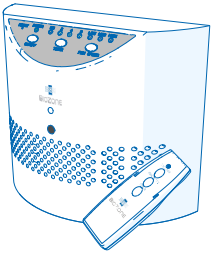
Contents Checklist
Inside the shipping box you should find:



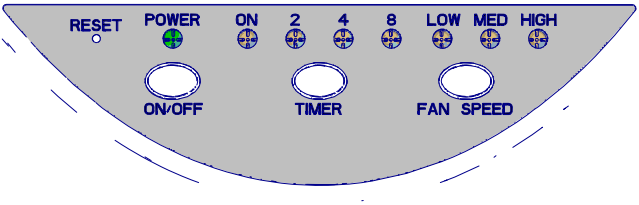
- Your new BioZone PR air purifier.
- Remote Control with batteries.
- AC/DC power cord.
- Owner's Guide with Warranty Conditions.
- Warranty card (USA only).

If any of these items are missing, please notify BioZone Scientific by calling the nearest office.

Inspection Checklist
Check for shipping damage. If unit appears damaged, do not plug it in or attempt to use it. Report immediately to freight carrier and notify BioZone.

Safety
- **Do not** look directly at the UV lamp when lit.
- **Do not** open the back cover of your unit without first unplugging the power cord.
- **Do not** place your unit so airflow to the fan is blocked. This may cause the fan to break or other damage.
- If your unit falls into water, **do not** reach into the water. Unplug the unit immediately.
- **Do not** operate your unit if it has a damaged cord or plug.
- **Do not** place cord near heated surfaces.
- If your unit has been damaged, dropped or submerged in water, please call BioZone for inspection and repair.

Operation Features
- UV Lamp Life Monitor
- 4-Level Time Selection
- 3-Level Fan Speed
- Portable Infrared Remote Controller (range up to 19 feet / 6 meters)

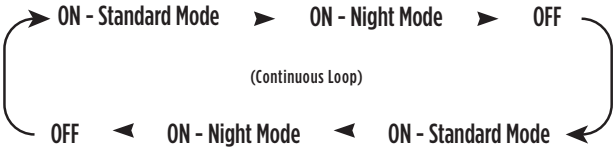


Power and "Lamp Life" RESET

1. The ON/OFF button switches the device:
   a. ON - Standard Mode (Unit power on, light indicators on)
   b. ON - Night Mode (Unit power on, Power Indicator LED intermittently Flashes green)
   c. OFF (Unit power off)
2. The Power light shows whether the device is powered and operating normally and also indicates when the accumulated lamp life reaches 8,760 hours (1 year) and needs replacement. The Power LED has the following modes:

   Steady green: normal operation
   Green flash: night mode
   Steady red: replace lamp
   Flashing red: contact BioZone for service

3. Whenever a new UV lamp is installed, the "Lamp Life" RESET button MUST be pressed to reset the timer within the microcontroller to 8,760 hours. The timer will only register lamp life while the unit is powered on.
   a. When the new UV lamp is installed correctly and "Lamp Life" RESET is pressed, the Power light will flash 2 times in red color then turn to green color and begin to operate normally.
   b. If the red light keeps flashing, it indicates that the "Lamp Life" RESET button has not been pressed. Re-install the UV lamp and press the "Lamp Life" RESET button until the Power light turns to green color.
4. The ON/OFF button controls the cycle of the operation. The control sequence is in the following manner:



TIMER

1. The timer light indicates the four preset timer options (ON, 2, 4 and 8 hours). When the indicator light is in the ON setting, the unit will operate continuously until it is turned off by the user. (Switching ON the unit with "2" hours preselected accesses a test mode and the unit will turn off after 2 minutes.)
2. The TIMER button sets the operating period. Once the preset time is reached, the unit will turn off automatically. The control sequence is in the following manner:

ON ► 2hrs ► 4hrs ► 8hrs

(Continuous Loop)

8hrs ◄ 4hrs ◄ 2hrs ◄ ON

FAN SPEED

1. The FAN SPEED button controls the fan speed which in turn controls the flow of Purifying Plasma. The control sequence is in the following manner:

LOW ► MED ► HIGH

(Continuous Loop)

HIGH ◄ MED ◄ LOW

2. The fan speed is shown by the indicator light in different positions (LOW, MED and HIGH).

Range Specifications

Typical air change rates for existing homes average between 1 and 2 per hour. Newer homes with tighter construction may have an air change rate of less than .5 per hour. Public buildings and spaces generally have more than 6 air changes per hour. Your BioZone PR unit will be most effective if used in appropriate spaces.

Minimum Suggested Area (assumes 8ft / 2.5m celiings)

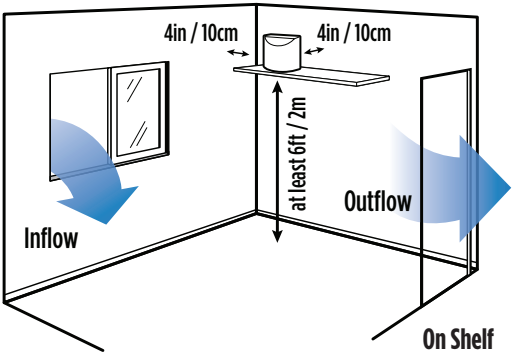
Air Ventilations Per Hour	PR05	PR10	PR20	PR30
0	115ft^2 / 11m^2	300ft^2 / 28m^2	477ft^2 / 45m^2	106ft^2 / 99m^2
1	84ft^2 / 8m^2	216ft^2 / 20 m^2	345ft^2 / 32m^2	839ft^2 / 78m^2
2	66ft^2 / 7m^2	168ft^2 / 16m^2	265ft^2 / 25m^2	589ft^2 / 55m^2
4	44ft^2 / 5m^2	115ft^2 / 11m^2	186ft^2 / 18m^2	415ft^2 / 39m^2
6	35ft^2 / 4m^2	88ft^2 / 9m^2	142ft^2 / 14m^2	316ft^2 / 29m^2
8	27ft^2 / 3m^2	71ft^2 / 7m^2	115ft^2 / 11m^2	257ft^2 / 24m^2

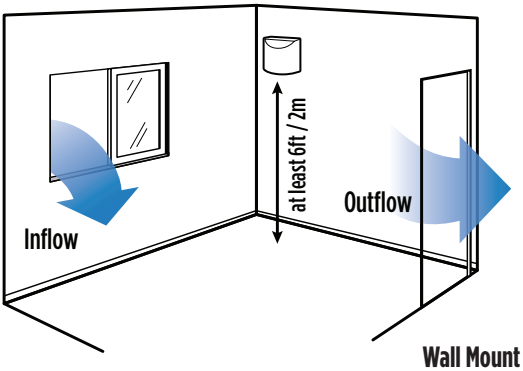
Air conditioning systems provide air circulation, not necessarily ventilation.

Installation Instructions

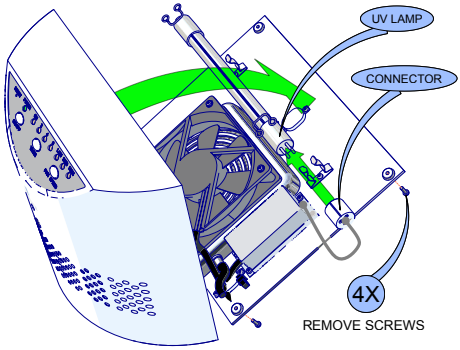
Optimum results can be achieved if you:

- Place your unit as high as possible.
- Place your unit near an air duct or fan for maximum circulation.
- Place your unit in a heavy traffic or odorous area, i.e., smoking room, kitchen, near litter box, etc.
- Do not place your unit directly in the face of a person or pet.
- Do not place your unit so airflow to the fan is blocked.
- Do not place your unit on a metal surface.





BioZone PR units require only a minimal amount of maintenance. We suggest you open your unit and clean the UV lamp and the case periodically with a soft cloth and alcohol. Make sure the power cord is unplugged before attempting to open the case. Failure to keep the lamp and the interior clean will hinder the purifying ability of your unit.



UV Lamp Replacement

After approximately one year of continuous use, the UV lamps will lose their effectiveness and need to be replaced (even though the lamps may still appear to be functioning). To replace the lamp:

1. Turn the unit off.
2. Unplug the power cord from the electrical outlet.
3. Unscrew the back panel of the unit. The UV lamp is mounted on this panel.
4. Gently lift the lamp out of the clamps.
5. Locate the lamp socket and pull this off the end of the lamp.
6. Replace with new BioZone lamp (use of any other lamp will void warranty).
7. Close and screw the back panel in place.
8. Plug the power cord back into the electrical outlet.
9. Press the “Lamp Life” RESET button and then turn the unit on. (Power LED will return to green color indicating normal operation.)
10. The UV Lamp contains small traces of mercury. Dispose of the old lamp in accordance with local hazardous material disposal laws.

Replacement Parts

Contact your sales representative for replacement of lamps and other components. Use of parts other than those supplied by the original manufacturer will void warranty.

UV Lamp for model PR05:	BioZone Lamp #10-08010
UV Lamp for model PR10:	BioZone Lamp #10-08025
UV Lamp for model PR20:	BioZone Lamp #10-08050
UV Lamp for model PR30:	BioZone Lamp #10-08100

Troubleshooting

1. Power light not lit.	Check the following: - is the unit turned on? - is the unit plugged in? - is the electrical outlet working?
2. Lamp indicator light not lit.	Check the following: - is the unit turned on and the fan working? - is the lamp connector securely attached? - is it time to replace the lamp? (See "Maintenance" section)
3. Low air flow.	Check the following: - is the fan input or output obstructed?
4. Power Light Flashes Red	Check the following: - Electrical Fault, Service Required - Unplug the unit from the electrical outlet for 10 seconds and then plug into outlet again. - If Power LED continues to flash RED, replace lamp or contact BioZone for service

Specifications

Purification Method:	Photoplasma / Photochemistry
Treatment Area:	(See "Range Specifications" section)
Ozone Output:	Accumulation will not exceed 0.04 ppm when used according to recommendations. (See "Range Specifications" section)
Ion Generation:	Photo ionization of negative ions
Control Panel Indication:	A) Power indicator light B) Timer indicator light C) Fan Speed indicator light D) UV Lamp indicator light
Timer Control:	[Continuous] or [2], [4] or [8] hour
Fan Control:	Low Fan / Med Fan / High Fan
Lamp Life Monitor:	8,760 Hours
Remote Control:	Infra Red 3-Key Remote Control
Remote Control Distance:	19 ft / 6 m maximum
Materials:	ASA, Aluminum Composite
Power Cord:	AC / DC transformer, "B" type - center pin "+"
Electrical Input:	12V DC
Certifications:	Wall Adapter: UL, CE, CSA; Ballast: TÜV; Lamp: CE
Manufacturer's Part Number:	PR05, PR10, PR20, PR30

Warranty Activation Process (USA only):

• BioZone offers a 1-Year Warranty on BioZone products.
• Warranty coverage begins on the purchase date.
• Registration card must be filled out completely and returned within 10 days of purchase to activate warranty.

Warranty conditions (USA only):

• BioZone guarantees the appliance against defects in material and workmanship under normal use and appropriate voltage for one year from the date of purchase.
• Warranty is not applicable to an appliance that has been tampered with or altered in any way or which has been subjected to misuse, abnormal voltage input, power interruption, electric shock, negligence or accident, force majeure or act of God, or whose serial number has been altered, effaced or removed.
• Warranty does not cover failures due to improper or unreasonable usage or maintenance of the product or damages due to accident, improper packing, unauthorized tampering, alteration or modification as determined by BioZone.
• Warranty does not cover the repair of the interior or the exterior finish of the casing, control plate or knobs, accessories, or consumable parts of the said appliance.
• Warranty does not cover replacement lamps. BioZone lamps are covered by a 1-Year Prorated Warranty.
• Warranty will cover any repairs or replacements of any defective parts. Defective parts that have been replaced become BioZone property.
• Warranty does not cover transportation or shipping costs to or from our repair facilities.
• Warranty is valid only if BioZone replacement lamps and parts are used.
• Product will be repaired or replaced at the sole discretion of BioZone engineers.
• The provisions of this warranty are in lieu of any other written warranty, whether expressed or implied, written or oral, including any warranty of merchantability or fitness for a particular purpose. The manufacturer's maximum liability shall not exceed the actual purchase price paid by you for the product. In no event shall the manufacturer be liable for special, incidental, consequential or indirect damages.

Warranty return process (USA only):

1. Contact your sales representative or the nearest office for specific return instructions and to receive your RMA (return authorization) number. Any return not labeled with an RMA number will be systematically refused.
2. Pack the product in its original box and in the same manner you received it or as similar as possible. Label the outside of the box with your RMA number.
3. Return the product with proof of purchase. Any return not including a proof a purchase will be systematically refused.
4. Label and ship the unit, freight prepaid to the address provided with your RMA number.

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