



Mini PowerZone II

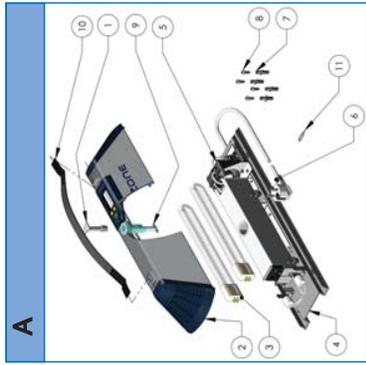


Specifications	English	French	Spanish
Size	M87 II		
Weight	531 mm X 132 mm X 102 mm (20.9 in X 5.2 in X 4.0 in)	Taille	Tamaño
Power Cord	2.7 Kg (6 Lbs)	Poids	Peso
Main Connector	4.0 m (13 ft)	Cable of Alimentation	Cable de Alimentación
Power Input	Country specific	Connecteur principal	Conexión a la Red
Power Output	90-240 VAC, 50-60 Hz	Alimentation	Potencia de Entrada
Operating Temperature	-5°C - 20°C (23°F - 158°F)	Température	Temperatura de
Humidity	0-90% RH non-Condensing	Humidité	Humedad
Air Flow	2.0 LPM (0.7 L CFM)	Flux d'air	Flujo de Aire
Lamp Shelf Life	1 year	Durée de conservation de la lampe	Vida útil de la Lámpara
Lamp Life	9000 hours	Durée de vie de la lampe	Duración de Funcionamiento
Lamp Part Number	10-11100-01102	Numero de piece de R	Numero de pieza de R

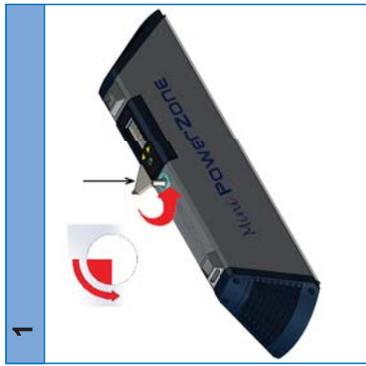
Manufacturing Material: Aluminum, ASA
 Designed by: Biozone Scientific International, Inc.
 7751 Kingspointe Parkway, Suite 124
 Orlando, Florida 32819
 United States of America

Specifications and design are subject to change without notice.





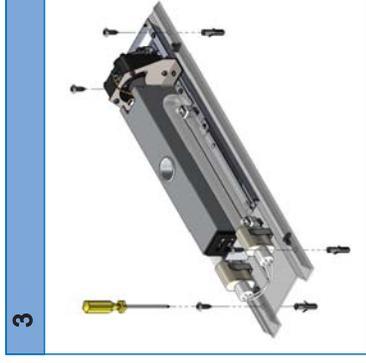
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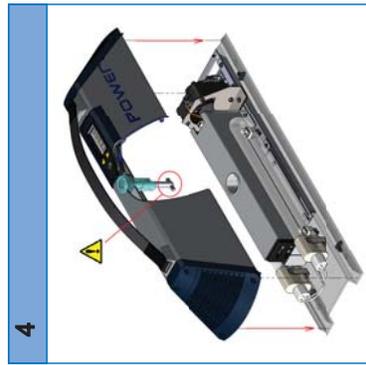
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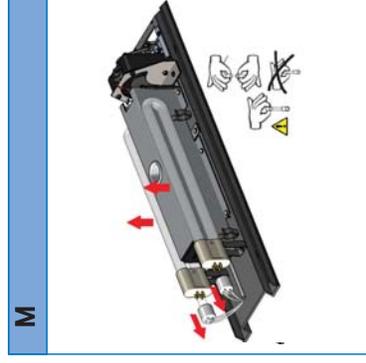
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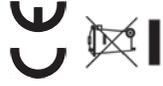


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Certification



RoHS



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Mini PowerZone™ II Owner's Manual

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General

The BioZone Scientific Mini PowerZone II (Mini PowerZone) is an excellent tool designed to eliminate unpleasant odors at their source. Mini PowerZone is portable and can be used in any unoccupied space where odors are present. When properly used, the Mini PowerZone significantly reduces bacteria and other harmful micro-organisms in the air and on surfaces. Mini PowerZone does not just mask odors with chemicals or perfumes; it actually destroys the odors leaving a cleaner, more pleasant environment.

BioZone™ Mini PowerZone is the result of extensive research and sustained product development. BioZone Scientific International Inc. has more than a decade of experience in designing and manufacturing its products.

- BioZone Mini PowerZone is highly effective and safe to use and fully complies with the criteria of the world's most respected certification bodies. Certificates issued to this effect are listed in the Certifications section of this manual.
- Every Mini PowerZone unit has undergone a strict quality-control regime. However, if the unit malfunctions, follow the instructions in the Troubleshooting section of this manual. If the problem persists, please contact your local distributor.
- BioZone products are designed to be user-friendly with a high degree of functionality, ease of operation and simple installation. User feedback is important for the continuous development of our products. We value your opinion and greatly appreciate your feedback at email address: info@BioZoneScientific.com.

For more information, visit our home page at www.BioZoneScientific.com and discover:

- BioZone solutions for other applications such as garbage rooms, ice-machines etc.
- Contact information for importers and distributors,

BioZone Technology

As air enters the BioZone unit, it is channeled into the air purification chamber. In the chamber, the air is exposed to intense levels of germicidal, ultraviolet light that destroys micro-organisms. The powerful wavelengths contained in the UV-light react with the gaseous contents of the air to produce a purifying plasma that contains reactive oxygen species such as atomic oxygen, hydroxyl radicals and ozone, which destroy bacteria, viruses, fungi, yeast, mould, algae, and other harmful micro-organisms (as well as unpleasant odors).

Warranty

Please see the attached warranty card, if included, or contact your local distributor. 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. This warranty does not cover a defect that resulted from improper or unreasonable use or maintenance, accident, improper packing, or unauthorized tampering, alteration or modification as determined solely by us. This warranty is void if the label bearing the serial number has been removed or defaced.

Mini PowerZone Instructions for Use

Operation

Mini PowerZone is designed to treat odors and odor producing substances in an unoccupied space. To ensure the safety of the user, people in the area, and/or animals; follow these instructions carefully and observe the following warnings.



Warning: Read Before Using the Mini PowerZone

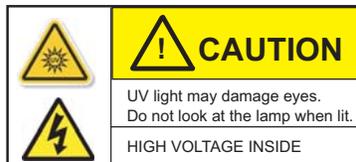
- Make sure the space is empty with no people or animals inside.
- Set the Mini PowerZone timer, start the unit and leave the space to be treated.
- Return to the treated space 20 minutes after the treatment time has ended.
- Personal should avoid entering the treated space while the Mini PowerZone unit is operating.
- Access to the treated space should be restricted while treatment is in process.
- Do not look at lamp(s) when lit, UV light may damage eyes.
- High voltage inside, disconnect power source before removing cover.

Recommendations

- Avoid operating the Mini PowerZone on a metal surface.
- Ensure that the intake and the outlet of the Mini PowerZone are not blocked.
- Place the Mini PowerZone near a fan or incoming air vent to improve circulation of the purifying plasma.
- Place the Mini PowerZone near the contaminated area.

Included Parts List

- 1) BioZone Key
- 2) Cover Assembly
- 3) BioZone 10-11100 Lamp(s)
- 4) Base Assembly
- 5) Fan
- 6) Power Cord
- 7) Wall Anchor
- 8) Mounting Screws
- 9) Locking Key
- 10) Removable Strap
- 11) Security Key



Installation

Follow the below instructions to install The Mini PowerZone.

Before installation

Inspect the device for damage that may have occurred during transportation. If the unit was damaged, do not connect it to the power supply. In the event of damage, immediately inform the supplier or retail outlet where the unit was purchased.

- The Mini PowerZone unit must be connected to a power supply which supplies 100-240VAC, 50-60Hz. There are two options for installation of the Mini PowerZone unit:

Wall Plug

If the Mini PowerZone unit is provided with a region specific wall plug, plug the unit into the appropriate wall outlet near the installation location. Figure 1-3 provides instructions to open the housing for wall mounting.

Permanent Connection to the Mains Supply



WARNING: These procedures should only be performed by a qualified electrician according to national and local electrical codes. Supply power should be turned off during installation or when replacing components or checking connections. Never perform maintenance or cleaning while fixture is energized.

If the Mini PowerZone unit is provided with an un-terminated AC power cord, connect the unit permanently to a fused, switched circuit of the mains supply near the installation location. If the Mini PowerZone unit is provided with a wall plug, this plug may be removed for permanent installation.

Note: According to wiring code, stationary appliances or devices classified in overvoltage category III require a means for disconnection incorporated in the fixed wiring if the device is not fitted with a means for disconnection from the supply mains having a contact separation that provides full disconnection of all poles.

(The Mini PowerZone requires a means of disconnection in the fixed wiring.)

Please observe these requirements and guidelines when installing the unit.

- Install the unit so power can be disconnected before removing the cover for service.
- Since the unit is not internally fused, the mains supply circuit must be fused.
- The unit is intended to operate continuously. Insure the power supply is continuous and cannot be accidentally turned off.
- The un-terminated AC power cord installed on the unit conforms to the following IEC standard wire color coding.
- The unit's electrical connection to the mains supply must be connected according to national and local electrical codes by a qualified electrician.

Function	Color
Protective Earth	Green Yellow
Neutral	Blue
Line	Brown

Timer Function

The Mini PowerZone II unit is supplied with a timer. The timer allows the user to set the treatment time, start the treatment, and return after the area is treated and the purifying plasma has dissipated.

Set the Mini PowerZone Timer



Press the Up Arrow once to increase time by 10 minute steps.

Press and hold the Up Arrow to rapidly increase the time.

Press and hold the Up Arrow until the display shows: "C: _: _ _" to operate the unit continuously.



Press the Down Arrow once to decrease time by 10 minute steps.

Press and hold the Down Arrow to rapidly decrease time.

Press and hold the Down Arrow until the display shows: "10.00.0" to set the minimum time of 10 minutes.



Start the Mini PowerZone timer and Mini PowerZone II operation by pressing the ON/OFF button.



Pause the MPZ timer and stop the Mini PowerZone II operation by pressing the ON/OFF button while the unit is running.

Note: When the Mini PowerZone is plugged in, the timer remembers the previously used time setting.

Service the Mini PowerZone



ATTENTION!

Servicing the Mini PowerZone requires a qualified maintenance professional. Disconnect power before cleaning or servicing the Mini PowerZone.

Clean the Vented End Caps and Lamp(s) if using the Mini PowerZone in an unusually dusty environment, cleaning should be done every (3) months to allow the Mini PowerZone to operate at maximum efficiency.

Service data available on display



Press the up and down arrows simultaneously for 5 seconds to show the number of hours of operation (dXXXX) and the number of on/off cycles (CXXXX).

Eg. (d 1245 , C 896) = 1245 hours of operation, 896 on/off cycles.

Lamp Cleaning and Replacement Procedure



ATTENTION: Avoid touching the glass portion of the lamp(s) with bare fingers. Use gloves or a cloth to handle the lamp(s). If the glass is touched, use isopropyl alcohol to wipe the glass surface clean.

- 1) Disconnect the power supply from the Mini PowerZone.
- 2) Allow 10 minutes for the lamp(s) to cool.
- 3) Unlock the cover with the BioZone Key.
- 4) Open the cover using the BioZone Key to separate the cover from the base.
- 5) Unplug the lamp connector(s) from the lamp(s). (See Figure A.)
- 6) Remove the lamp(s) from the lamp clips.
- 7) Wipe the lamp(s) with alcohol to clean the glass surface.
- 8) Place the cleaned lamp or new lamp into the lamp clips.
- 9) Connect the lamp connector observing the correct orientation of the pins.
- 10) Ensure that the lamp connector wires do not interfere with the cover closing.
- 11) Re-install the cover and press firmly on the top near the lock to ensure it is completely closed.
- 12) Close the Mini PowerZone with the BioZone Key to lock the unit.



Dispose of the lamp(s) according to local hazardous waste disposal laws. The lamp(s) are disposed of at the same facilities as household fluorescent bulbs or CFL bulbs. The lamp contains mercury.

Security Mode

The Mini PowerZone resists tampering while in Security Mode. In Security Mode, the timer and on/off buttons are not available to unauthorized individuals.

Activate Security Mode



Press the BioZone Security Key into the lower pin hole and hold for 10 seconds. The display shows "SECur" when security mode is activated.

The display shows "S _ _ _ _" when the Mini PowerZone II timer is locked.



Press the BioZone Security Key into the pin hole below the ON/OFF button for 1-second to unlock the timer. The timer relocks automatically within 20 seconds.



Press the BioZone Security Key into the pin hole below the ON/OFF button for 10 second to deactivate Security Mode. The timer displays "oPEn" when the Security Mode is deactivated.

Troubleshooting

ENGLISH



ATTENTION!

Servicing the Mini PowerZone requires a qualified maintenance professional.
Disconnect power before cleaning or servicing the Mini PowerZone.

Trouble	Check
Fan works Lamp not lit	Open Mini PowerZone cover and check that the lamp connectors are properly installed. Replace lamp.
Fan not working Lamp not lit	Power supply plugged in. Center lock switch turned on (use BioZone key). Power outlet is working. Power cord is undamaged.
Weak airflow	Vent end caps are clean.

If the Mini PowerZone unit does not function after checking these items, please contact your supplier.

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