



BIOPÜR

ADVANCED PURIFICATION SYSTEM

Residential Model



**REGISTER
YOUR WARRANTY
ONLINE AT
www.sanuvox.com**

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IMPORTANT SAFETY INSTRUCTIONS

READ AND SAVE THESE SAFETY INSTRUCTIONS BEFORE USING THIS PRODUCT.

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Read and follow all instructions contained in the manual before using the product. Read the maintenance instructions before opening the UV unit or system. Failure to comply with these instructions may result in injuries or damage to the UV unit or system.

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NEVER EXPOSE EYES OR SKIN TO AN OPERATING UV LAMP.

⚠

1. **Installation and servicing** of UV units or systems (in an air conditioning system or not) **can be hazardous. Only trained and qualified service personnel** should install, repair or service equipment.
2. **Untrained personnel** can perform **basic maintenance** functions such as replacing lamp(s) and/or filter(s). All other operations should be performed by trained service personnel.
3. The unit is not to be used by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge.
⚠ **CAUTION:** Unit is not a toy. Keep away from unsupervised children. Do not leave children unattended with the unit.
4. **DO NOT hang onto the UV unit or system.**
5. Some UV units or systems could be heavy: Make sure you have a minimum of 2 people to safely move or install these UV units or systems, and make sure you adopt the most ergonomic position possible (use UV unit or system handles, if applicable).
⚠ **CAUTION:** Installing or maintaining heavy equipment, especially overhead, can cause back pain or other injuries.
6. When installing or servicing an overhead UV unit or system, be careful not to fall off the stepladder. Furthermore, make sure the UV unit or system latches are always in place to prevent falling parts.
⚠ **CAUTION:** Some parts of some UV units and systems may open suddenly if the UV unit or system is installed high up without its locks.
7. Units that are obviously damaged must not be operated.
8. ⚠ **CAUTION:** When working on the UV unit or system, observe precautions on the literature, tags and labels attached to the UV unit or system, and all other safety precautions considered as best practices in the HVAC industry, if applicable.
9. When applicable, local regulation may comprise more restrictive installation and/or certification requirements. The aforementioned requirements prevail on those of this document and the installer agree to conform to these at his own expense.
10. Follow all the safety instructions outlined in this document and respect all local and national codes applicable.
11. All UV units or systems contain a UV-C source. Damage to the housing or unintended use of the UV unit or system may result in harmful UV-C leaks. UV-C may, even in little doses, cause harm to the eyes and skin.
12. **Never expose eyes or skin to an operating UV lamp.** Therefore, **before installing or performing maintenance** on the UV unit or system, **TURN OFF AND DISCONNECT** the UV unit or system **from all power sources** (there may be more than one switch to disconnect) and also disconnect the HVAC system, is applicable.
⚠ **CAUTION:** Electrical shock may cause injuries or possibly death. FIRST AID INSTRUCTIONS: If injured, consult a doctor.
13. UV rays may damage certain types of filters (polymer or plastic); please keep the UV unit or system light away from shining directly on plastic.
14. When installing or performing maintenance on the UV unit or system, it is recommended to **wear safety gloves**. In order to avoid reduced performance of lamp(s), **do not touch lamp glass without gloves**.
15. Just like conventional fluorescent lamps, UV lamps contain a small quantity of mercury: if a lamp breaks, clean and **dispose of with care**. UV lamps can be disposed/recycled after use in the same way as any other fluorescent lamps. Contact and follow the specific instructions of your local and national authorities.
16. **Use only specified SANUVOX branded replacement UV lamps for your UV unit or system.** Use of any other lamps will void your warranty and can result in damage to the UV unit or system.
17. Sanuvox UV units or systems are not waterproof. **DO NOT INSTALL OUTDOORS OR IN WET LOCATION** unless specified otherwise.
18. The use of a UV unit or system is a supplement to and not a substitute for standard infection control practices; users must continue to follow all current infection control practices, including those related to the cleaning and disinfection of environmental surfaces.

SAVE THESE INSTRUCTIONS

For any inquiries on a UV unit or system, contact:
Robert Smith
 146 Barr St, Saint-Laurent
 Quebec, CA, H4T 1Y4
 1-888-726-8869
techsupport@sanuvox.com

Purchase Date: _____

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ABOUT THE PRODUCT

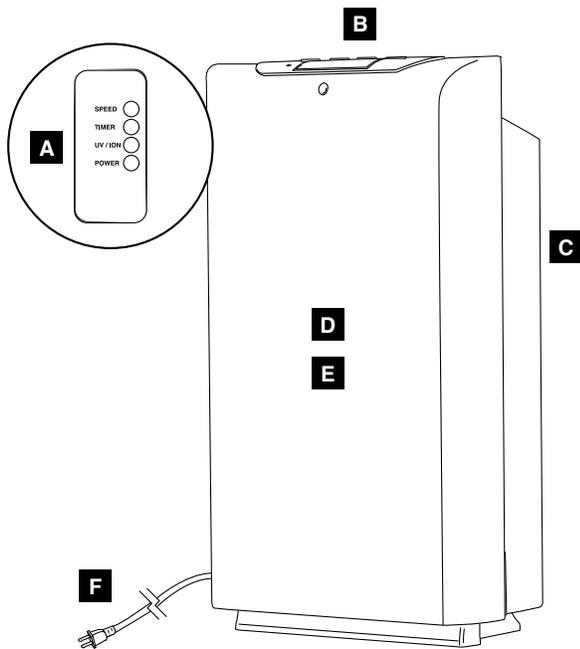
The Biopür is designed to help reduce airborne viruses, bacteria, mold and germs, as well as chemicals and odors. Using a state-of-the-art patented UV technology, this portable air purifier can clean up to 800 sq.ft.

For information or recommendations on how to size your specific application, please call SANUVOX at 1-888-726-8869.

COMPONENTS

How it Works

The variable speed blower of the Biopür moves the air through a series of filters, then into the reaction chamber, so that the air travels parallel to the UV lamp where a germicidal and oxidizing process helps reduce biological and chemical contaminants.



- A. Remote Control
- B. LCD Screen Display
- C. Lamp Chamber
- D. Plastic Cover
- E. Inside: Filter Kit
- F. 2.6m Power Cord with a AC120V (Two Flat) Plug Type

ACCESSORIES & KITS

The following accessories and/or kits work great with your product (one kit included with the unit, replacement kit sold separately).

Filter Kit



The filter kit includes: a prefilter, a HEPA filter and an activated carbon filter.

For instruction manuals or information about your accessories and/or kits, please call SANUVOX at 1-888-726-8869 or visit www.sanuvox.com.

SETUP & INSTALLATION

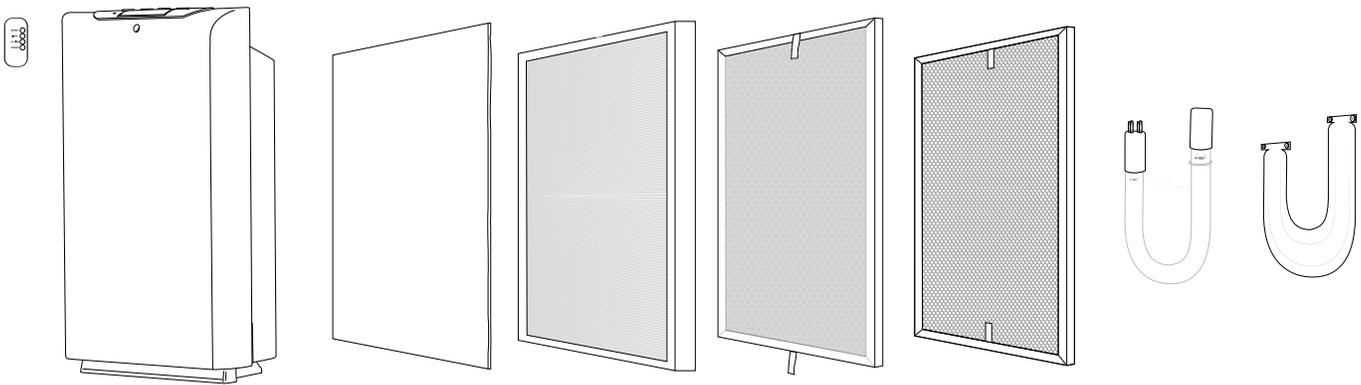
What you will need

A utility knife and/or a pair of cissors to unpack all components.

⚠ **CAUTION:** Handle your product with care to avoid breaking parts. Make sure you have a free and safe space to unpack, install and setup your product. Confirm you have access to the necessary power source for the product requirements (see unit or system label). If you have any questions regarding the installation instructions, call SANUVOX at 1-888-726-8869.

What's included

The Biopür, a remote, a UV lamp with its reflector, a TiO₂ catalyst and a filter kit.



The filter kit includes: a prefilter, a HEPA filter and an activated carbon filter.

Step by Step Setup & Installation



1. **Prepare the Biopür for installation.** Remove contents from packaging.



2. **Remove the unit cover:** Grasp the bottom of the unit and pull up and away from the unit. Once detached from the unit, lift the cover upwards.



3. Once the Biopür is open, remove the **styrofoam** and discard it. At the top, you will see the locking latch. **Twist latch** to allow the filters to be removed. **Remove all 4 filters.**



4. **Remove filters from plastic bags** and **replace unwrapped filters** in the following order:
- TiO₂ Catalyst
 - Activated Carbon Filter
 - HEPA Filter
 - Prefilter

⚠ CAUTION: Never turn your unit on with filters still wrapped. This may cause damage to your unit.



5. Once **unwrapped filters** are placed back inside the unit, **turn latch** to keep filters in place.



6. **Securely replace the unit cover:** First fit the top of the unit into place and slowly press the bottom as to allow the bottom clips to catch.

Finally, plug in your Biopür.

You are now ready to power ON your new Biopür and enjoy great air quality for you and your family.

OPERATION

How to Operate your Product

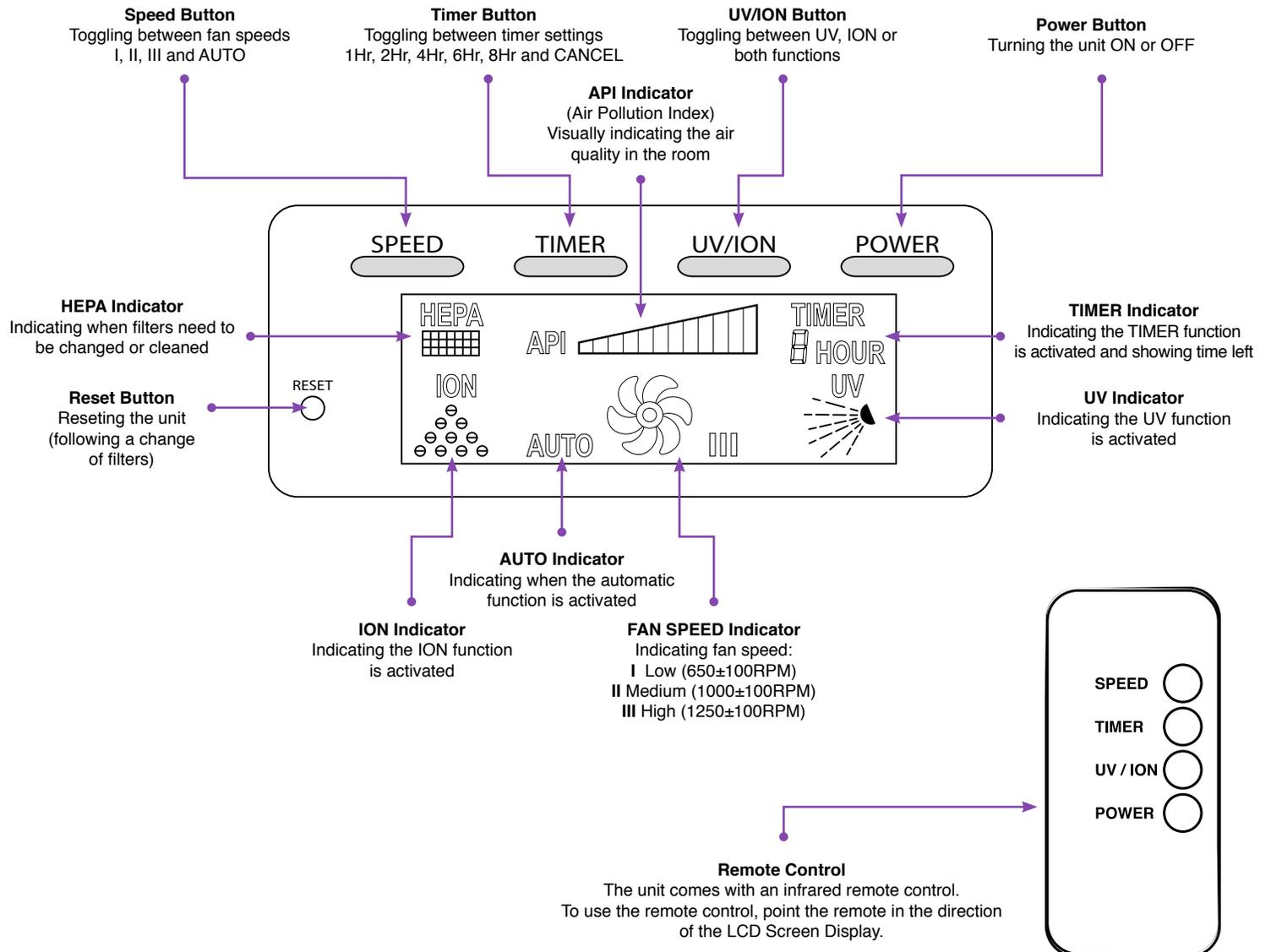
The Biopür is a easy-to-use unit: once it's installed and plugged in, simply press the power button to turn it ON and adjust funtions to your needs.

CAUTION: The suggested operating temperature range is 10 to 50°C (50 to 122°F). Operating the Biopür outside this range will result in decreased performance. For optimal performance, air temperature moving through the reaction chamber should be in the range of 15 to 20°C (60 to 70°F).

How to Read the LCD Screen Display

The Biopür LCD Screen Display will give you real time status update about your unit and its lamp.

In "Default Mode" (power is ON and unit operates normally); the Biopür lamp is always lit, the Fan Speed is at II, the Timer is turned off, both UV and ION functions are on.



MAINTENANCE**How to Replace Lamp and Filter Kit**

UV lamp should be replaced once a year.

Filter kit should be replaced every 6 months or at least once a year. The TiO₂ catalyst is not included in the filter kit, and therefore should not be replaced.

Replacing lamp and filter kit on the Biopür is quick and easy. Simply turn off the power source, open unit cover, remove and dispose of old lamp and/or filters, replace with new Sanuvox branded UV lamp and/or filter kit, close unit and turn power source back on. See below for detailed step by step instructions.

⚠ **CAUTION:** In order to avoid reduced performance of lamp(s), do not touch lamp glass without gloves.

Step by Step Lamp Replacement

1. Turn off and unplug your Biopür.

Remove the unit cover: To remove the front cover, grasp the bottom of the unit and pull up and away from the unit. Once detached from the unit, lift the cover upwards.

2. Once the Biopür is open, you will see the locking latch inside the Biopür, at the top. **Twist latch** to allow the filters to be removed. **Remove all 4 filters and set aside.**

Now, carefully **lay down your Biopür on its back**, opening facing up.

3. Locate the gray plastic bracket that holds the UV lamp in place. Using the proper screwdriver, unscrew the bracket's screws (4) to remove it. The UV lamp will now be loose. Disconnect the lamp from its connector and dispose of it.

NOTE: UV lamps can be disposed/recycled after use, as any other fluorescent lamps. Contact and follow your local and national authorities specific instructions.

4. **Prepare new lamp.** Remove the contents from packaging. Only after you have visually inspected the UV lamp should you break the security seal on the underside of the cardboard sleeve.

5. Carefully slide the new **UV lamp** out from the cardboard sleeve. Be sure to wear the **cotton gloves** (included with the lamp) guaranteeing a clean lamp free from fingerprints. Fingerprints on the lamp will negatively impact the UV output of the lamp.



6. Hold the porcelain end-cap (with 4 pins) and carefully push the white connector onto the four pins. The plug is designed so it can only be installed one way. You may have to rotate the socket 90° to line up the pins with the holes. The connector will fit into position.

NOTE: Too much force applied from the opposite end-cap may break the lamp.



7. **Place the new lamp** in the Biopür and hold it in by **screwing back the gray plastic bracket**. Be careful not to drop the screws in the Biopür.

Once lamp is secure, lift the Biopür upright, back on its stand.



8. **Replace filters** in the following order:
 - a. TiO₂ Catalyst
 - b. Activated Carbon Filter
 - c. HEPA Filter
 - d. Prefilter

Once **filters** are placed back inside the unit, **turn latch** to keep filters in place.



9. **Securely replace the cover:** To replace the unit front cover, first fit the top of the unit into place and slowly press the bottom as to allow the bottom clips to catch.

Now you can plug in and turn on your Biopür.

Step by Step Filter Kit Replacement



1. Turn off and unplug your Biopür.

Remove the unit cover: To remove the front cover, grasp the bottom of the unit and pull up and away from the unit. Once detached from the unit, lift the cover upwards.



2. Once the Biopür is open, you will see the locking latch inside the Biopür, at the top. **Twist latch** to allow the filters to be removed. **Remove only the replaceable filters (prefilter, HEPA filter and activated carbon filter) and dispose of them.**

⚠ CAUTION: Do not dispose of TiO₂ catalyst.



3. **Prepare new filters.** Remove the contents from packaging and install new filters by following steps 4 to 6 of "Setup & Installation" on page 5.

NOTE: Be sure to reset your unit after each change of filters.

How to Clean your Product

For optimal performance, the lamp(s) should be kept free of dust and residue deposit. Clean when necessary with mild soap or alcohol. Always spot test the cleaner to make sure it does not damage the surface.

The filters can be cleaned with a vacuum cleaner when so desired / when the HEPA indicator is 'ON' to maintain system performance (approximately once a month).

⚠ CAUTION: Under no circumstances should water be sprayed or splashed onto the product.

STORAGE

The Biopür does not require specific storage. It is a portable unit that works continuously when ON, or automatically when selecting proper settings (fan speed and timer).

⚠ CAUTION: Keep away from unsupervised children. This unit is not a toy.

ELECTRICAL RATINGS, POWER CONSUMPTION & AVAILABLE VOLTAGE

The product is rated at AC120V/60Hz.

See product label to confirm power consumption of your specific unit or system.

NOTE: IF YOU EXPERIENCE A PROBLEM, PLEASE CONTACT CUSTOMER SERVICE FIRST OR SEE YOUR WARRANTY. DO NOT RETURN THE PRODUCT TO THE ORIGINAL PLACE OF PURCHASE. DO NOT ATTEMPT TO OPEN THE PRODUCT OR TAMPER WITH ITS COMPONENTS WITHOUT CONTACTING CUSTOMER SERVICE FIRST. DOING SO MAY VOID YOUR WARRANTY AND CAUSE PERSONAL INJURY OR DAMAGE TO THE PRODUCT.

TROUBLESHOOTING If your product is not working properly, refer to the following.

Problem	Possible Cause	Solution
Unit doesn't come ON.	- There is no power to the electrical outlet.	- Make sure the power outlet is working. - Make sure the unit is plugged in to 120V outlet.
	- The On/Off switch is not ON.	- Push the POWER button on the display.
	- The cover is not closed properly.	- Make sure the cover is properly clipped. If the unit is plugged in, you will hear a beep once the cover is properly closed.
Unit comes ON, but makes a dull hissing noise.	- Fan motor needs to warm up for first time use	- This should resolve without first hour of use or so. Note that a higher fan speed will make more noise, which is normal.
Unit comes ON, but makes loud noise and/or is shaking.	- Filters inside are still wrapped in plastic bags - Styrofoam is still inside the unit	- Immediately turn off your unit, open the cover, make sure to unwrap filters from plastic bags, remove and dispose of the styrofoam.
Unit comes ON, but the blue light isn't visible.	- Filters inside are still wrapped in plastic bags - Styrofoam is still inside the unit	- Immediately turn off your unit, open the cover, make sure to unwrap filters from plastic bags and remove and dispose of the styrofoam.
	- Lamp is defective.	- Replace lamp.

Contact Sanuvox for all your needs in terms of replacement parts: UV lamp, filter kit, etc.

WARRANTY

You should first read all instructions before attempting to use this product. For this warranty to be valid, keep a copy of the proof of purchase.



UV lamp	1 year
Ballast	1 year
Electronic components	1 year

- A. This limited warranty applies to repair or replacement of product found to be defective in material or workmanship. This warranty does not apply to damage resulting from abusive, unreasonable use or supplemental damage. Defects that are the result of normal wear and tear will not be considered manufacturing defects under this warranty.
SANUVOX IS NOT LIABLE FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES OF ANY NATURE, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE ON THIS PRODUCT IS LIMITED IN DURATION TO THE DURATION OF THIS WARRANTY.
 Some jurisdictions **do not** allow the exclusion or limitation of incidental or consequential damages or limitation on how long an implied warranty last, so the above limitations or exclusions may not apply to you. This warranty gives specific legal rights, and you also may have other rights which vary from jurisdiction to jurisdiction. This warranty applies only to the original purchaser of this product from the original date of purchase.
- B. At its option, SANUVOX will repair or replace this product if it is found to be defective in material or workmanship.
- C. This warranty does not cover damage resulting from any unauthorized attempts to repair or from any use not in accordance with the instruction manual.
- D. This warranty does not cover the filters, pre-filters or other accessories (if included), except for material or workmanship defects.

Call us toll-free at 1-888-726-8869 or email: info@sanuvoy.com

Please be sure to specify product name.

NOTE: IF YOU EXPERIENCE A PROBLEM, PLEASE CONTACT CUSTOMER SERVICE FIRST OR SEE YOUR WARRANTY. DO NOT RETURN THE PRODUCT TO THE ORIGINAL PLACE OF PURCHASE. DO NOT ATTEMPT TO OPEN THE PRODUCT OR TAMPER WITH ITS COMPONENTS WITHOUT CONTACTING CUSTOMER SERVICE FIRST. DOING SO MAY VOID YOUR WARRANTY AND CAUSE PERSONAL INJURY OR DAMAGE TO THE PRODUCT.

CUSTOMER SERVICE

TO ORDER REPLACEMENT PARTS

PLEASE VISIT OUR WEBSITE (ONLINE ORDER) OR CONTACT SANUVOX CUSTOMER SERVICE

Toll-Free Phone #: 1-888-726-8869

Email: info@sanuvoy.com

Website: www.sanuvoy.com

Please be sure to specify product name.

Replacement parts for this product

LMPRGXJ65T5	UV Lamp
MSCFTRKITBP	Filter Kit

⚠ WARNING: Use only specified SANUVOX branded replacement UV lamps with your unit or system. Use of any other lamps will void your warranty and can result in damage to the unit, system and/or lamp(s).