

TruSens

Z-2000

Z-3000

Owner Guide

Air Purifier with SensorPod™ and  filtration





PLEASE READ AND SAVE THESE 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. Do not attempt to defeat this safety feature.

Unplug or disconnect the appliance from the power supply before replacing filters or UV lamp, or when appliance is not in use.

WARNING: To reduce the risk of fire or electric shock, do not use this fan with any solid-state speed control device.

Do not operate any purifier with a damaged cord or plug, or if the wall socket is loose.

Do not run cord under carpeting, throw rugs, runners, or similar coverings. Do not run cord under furniture or appliances. Arrange cord away from traffic area and where it will not be tripped over.

- Remove all packaging, including the filter bag, before use.
- Appliances that are obviously damaged must not be operated.
- This appliance must only be connected to a wall socket outlet matching the supply plug type and rating stated on the rating plate.
- Locate air purifier near the outlet wall socket and do not use extension cords.
- This appliance can be used by children aged from 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved.
- Children shall not play with the appliance.
- Skin or eye damage may result from directly viewing the light produced by the UV lamp in this appliance. Do not operate the UV-C emitter outside the appliance or with the filter removed.
- Replace the UV lamp with the models specified within this manual.
- Do not attempt to service or repair this product yourself.
- Only use the purifier and SensorPod™ with the power cable provided.
- Only clean this machine with a damp cloth, do not use solvents or bleach.
- Ensure appliance is always placed on firm level surface before operation.
- Do not block or obstruct the air intake or outlet vents.
- Do not insert fingers or other items into the air intake or outlet vents.

FCC ID:

Z-2000: GV3-18Z2000 Z-3000: GV3-18Z3000 Sensor: GV3-18SP001

IC:

Z-2000: 6128A-18Z2000 Z-3000: 6128A-18Z3000 Sensor: 6128A-18SP001

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference, and
- (2) this device must accept any interference received, including interference that may cause undesired operation.

Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

FCC RF Radiation Exposure Statement: This equipment should be installed and operated with minimum distance of 20cm between the radiator and all persons.

This device complies with Innovation, Science and Economic Development 7 Canada (ISED) license-exempt RSS standard(s). Operation is subject to the following two conditions:

- (1) This device may not cause interference, and
- (2) This device must accept any interference, including interference that may cause undesired operation of the device.

ISED Compliance

This device contains licence-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's licence-exempt RSS(s). Operation is subject to the following two conditions:

- 1. This device may not cause interference.*
- 2. This device must accept any interference, including interference that may cause undesired operation of the device.*

L'émetteur/récepteur exempt de licence contenu dans le présent appareil est conforme aux CNR d'Innovation, Sciences et Développement économique Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes :

- 1. L'appareil ne doit pas produire de brouillage;*
- 2. L'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.*

ISED 20cm RF Exposure

EN : The device should be installed and operated with a minimum distance of 20 cm between the radiator and your body.

FR : L'appareil doit être installé et utilisé avec une distance minimale de 20 cm entre le radiateur et votre corps.



SensorPod™

Remote air quality monitor that ensures cleaner air, right where you need it



PureDirect™ technology

Proprietary bi-directional airflow distributes clean air comfortably and efficiently



Informs and adapts

Illumination color ring and numeric display communicate air quality in real-time



360° Purification

Surrounding air is drawn in from all directions through a 3-stage  filter and sterilizing UV lamp



Thoughtful execution

Exceptional functionality wrapped in a contemporary design that fits any environment

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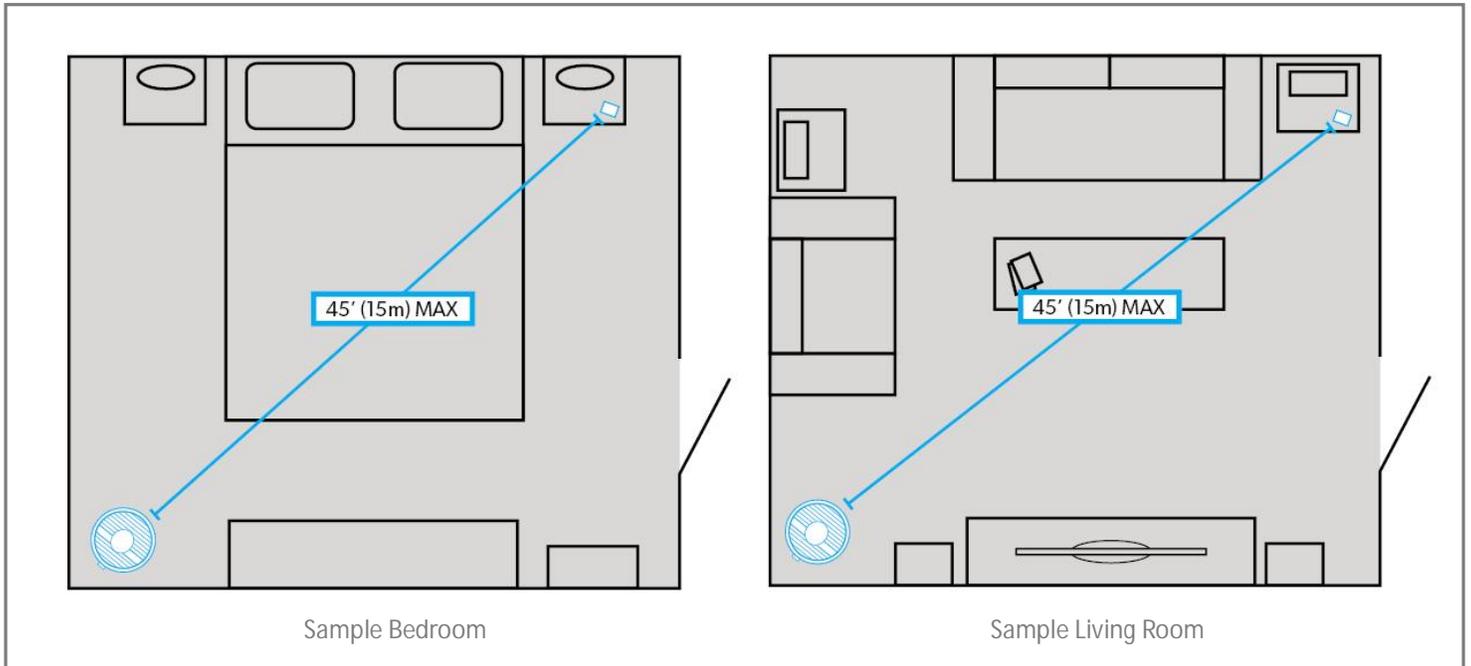
Step 1. Placement of the purifier and SensorPod

Place the purifier on a flat surface along a side wall, free from obstructions:

where air can flow freely into the purifier from all sides

avoiding furnishings like bedding and curtains, as well as sources of heat or moisture.

Place SensorPod on a counter or table away from the purifier to increase coverage across the room.



Step 2. Plug-in and turn on the purifier

Simply press the  Power Button and the purifier will begin cleaning your air!

Step 3. Plug-in SensorPod

Air quality readings will immediately begin transmitting to the purifier.

Start living with cleaner air!

The purifier will automatically adjust fan speeds based on the air quality readings from SensorPod, and proprietary PureDirect™ technology will deliver purified air throughout the room!

Get to know your air purifier

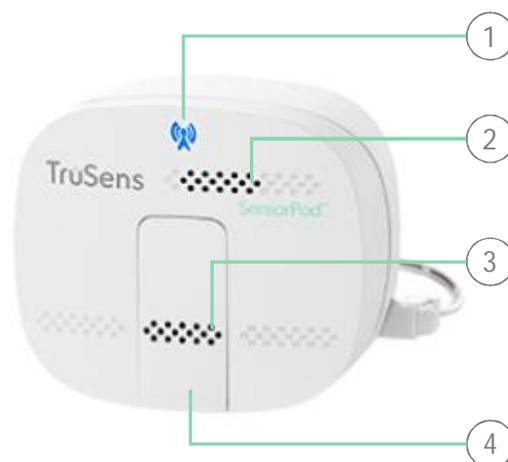


1. Easy-carry handle
2. Soft-touch control panel
3. Air quality indicator ring
4. 360° air intake
5. Filter chamber cover & knob (underneath)

Introducing your remote air quality monitor, SensorPod™

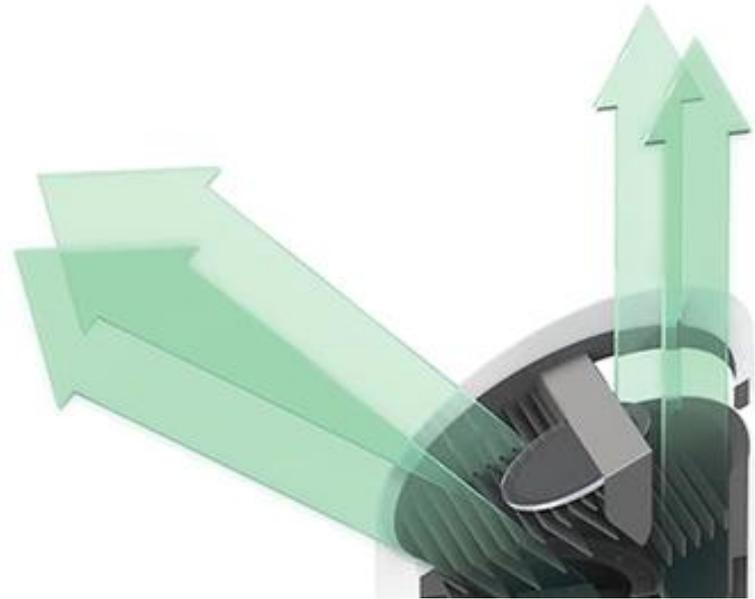
The separate air quality sensor can more accurately represent the air quality in your room by monitoring the air *away* from the purifier, ensuring greater coverage of cleaner air.

1. Power and Signal Indicator
2. Air outlet
3. Air inlet
4. Easy-access door, for cleaning sensor

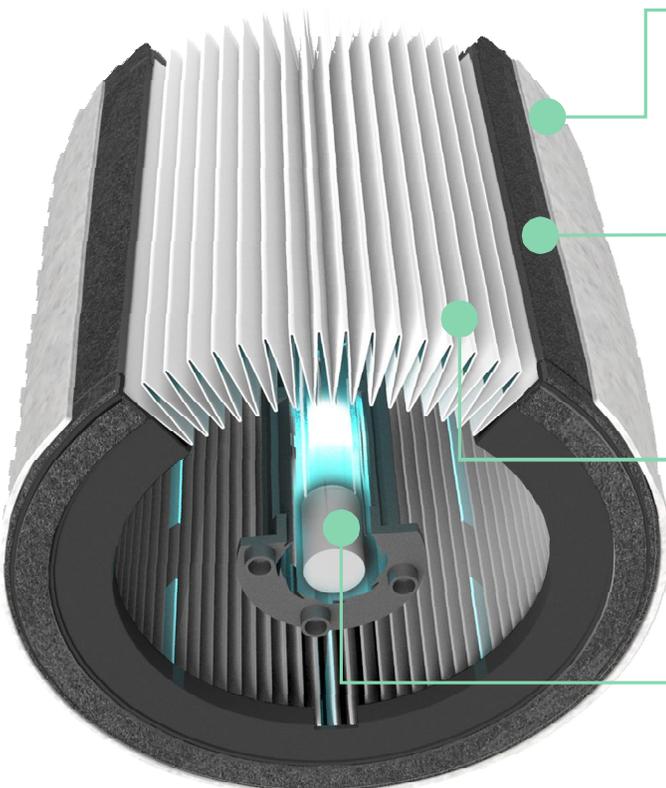


PureDirect™ cleans comfortably and efficiently

By splitting the purified air into two distinct and directed streams, PureDirect provides a unique and proprietary airflow that cleans the room up to 24% faster.



filtration and UV sterilization



Washable Pre-Filter
Captures larger particulates, like dust and pet hair



Activated Carbon Filter
Removes certain gases and odors



HEPA Filter
Captures particulates down to 0.3 microns



Ultraviolet Sterilization
Reduces the uncontrolled growth of dangerous microbes captured on the surface of the filter



Control Panel



Power Button



Fan Speed Settings

Select fan speed or AUTO mode.
 In AUTO mode, purifier automatically adjusts fan speed based on air quality readings from SensorPod.
 (AUTO mode only available when purifier is paired with SensorPod and receiving signal.)



Dimmer Mode

Display illumination turns off – for use while sleeping.
 Simply press the button again to bring back all display features.
 (Purifier will continue operating at fan speed or AUTO mode as selected by user.)



Timer Mode

Purifier will automatically turn off after 2, 4, 8, or 12 hours.
 To cancel this countdown, simply cycle by pressing button until no timer setting is displayed.



UV Mode

UV lamp within the purifier’s filter chamber is on when  symbol is white.
 symbol will glow red when it is time to replace the UV lamp. *See pages 7-8 for instructions.*



Filter and UV Indicator Reset

HEPA, Carbon, and UV indicators glow red when it is time for each to be replaced. *See pages 7-8 for instructions.*
 When 1 indicator is on, simply hold Reset button for 3 seconds to reset that indicator.
 When 2+ indicators are on, press the Reset button to select the correct indicator (selected indicator will blink) before holding 3 seconds to reset that indicator.

Real-time air quality feedback

The revolutionary remote SensorPod evaluates the condition of your air by measuring both small (PM2.5) and larger (PM10) particulate matter. It calculates the overall air quality using a proprietary algorithm that is reactive to genuine increases in pollutants without overreacting to someone entering the room or settling into the couch.

An illuminated ring on the purifier’s control panel communicates your air quality levels with color, while a numeric value provides greater detail



Good Air Quality
0 - 50

Moderate Air Quality
51 - 100

Poor Air Quality
101 - 500



	Z-2000 Medium Room Purifier	Z-3000 Large Room Purifier
Area changed every 15 minutes	188 ft ² (17 m ²)	375 ft ² (35 m ²)
Area changed every 30 minutes	375 ft ² (35 m ²)	750 ft ² (70 m ²)
SensorPod™	Included Works up to 49 ft (15 m) across a room from the purifier.	
PureDirect™ technology	Included	
Fan Speed Settings	Whisper, 1, 2, Turbo	Whisper, 1, 2, 3, Turbo
Purification Levels	Washable Prefilter Carbon HEPA Type UV	Washable Prefilter Carbon True HEPA UV
Timer Settings	2, 4, 8, 12 hour	
Replacement Indicators	Carbon, HEPA, UV	
Noise	## dB	## dB
Dimensions	LL x WW x HH in. LL x WW x HH mm.	LL x WW x HH in. LL x WW x HH mm.
Weight	## lbs (## kg)	## lbs (## kg)
Power Requirements	120 V / 60 Hz	120 V / 60 Hz
Power Consumption	## W	## W
Warranty	2 years	
Replacement Filters and UV Lamps		
360° filter (Prefilter, HEPA, Carbon)	HAF-Z2000-01	HAF-Z3000-01
Carbon filter (3-pack)	CAF-Z2000-01	CAF-Z3000-01
Ultraviolet Lamp	UVL-Z2000-01	UVL-Z3000-01



SensorPod Medium & Large	
Rated operational voltage	9V DC
Rated operational current	0.15A DC ±10%
Adapter input voltage range	90 ~ 240V AC 60±3Hz/50±3Hz
Adapter output power	DC 9V 0.15
Rated power	1.3±0.3W
Signal frequency	2462MHz
Channel bandwidth	1MHz
Wireless transmit power	0dBm
Receive Sensitivity	-94dBm@250kbps
Radio frequency modulation mode	GFSK
Onboard antenna gain	2 ~ 3dBm
Sending and receiving distance	open space≥15m
Product dimensions	80*45.5*68mm
Warranty	2 years
Function	
Button	Binding button
Signal indicator	Blue Light Indicator



Filter Change and Maintenance

Accessing the filter chamber

- Always power off the purifier by pressing the  Power Button and unplugging the power cord.
- Gently place the unit on its side so that the filter chamber cover and knob are exposed.
- Turn the knob counter-clockwise and remove (Fig A).
- Gently remove the filter chamber cover and the 360° HEPA filter drum that is attached (Fig. B).

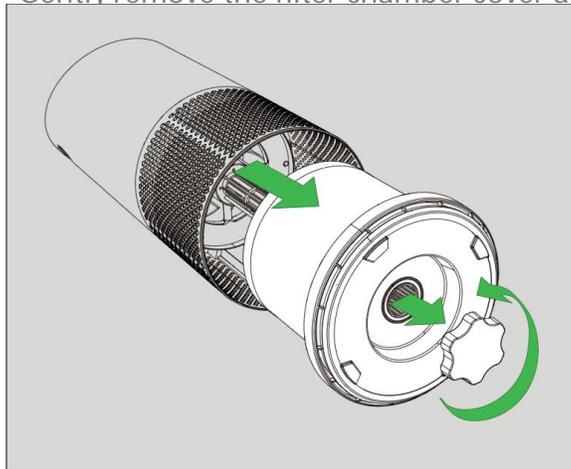


Fig. A

Fig. B

Replacing the 360° HEPA filter drum

1. The **HEPA** indicator will glow red when it is time to change the entire HEPA drum filter.
2. Gently pull the HEPA drum filter away from its place secured to the filter chamber cover (Fig. C).
3. Your replacement HEPA filter will include all layers: Washable Prefilter, Carbon, and HEPA.
4. Use the directional arrows to align the replacement HEPA drum and secure it onto the filter chamber cover (Fig. D).
5. Gently replace the filter drum and filter cover into the filter chamber and onto the threading (Fig. E).
6. Turn the knob clockwise until the knob and filter chamber cover are securely tightened (Fig. F).
7. After plugging-in and powering-on the purifier, hold the **Reset** button until the re**HEPA** indicator turns off. **Carbon** indicator is also Red, you'll need to reset that as well).

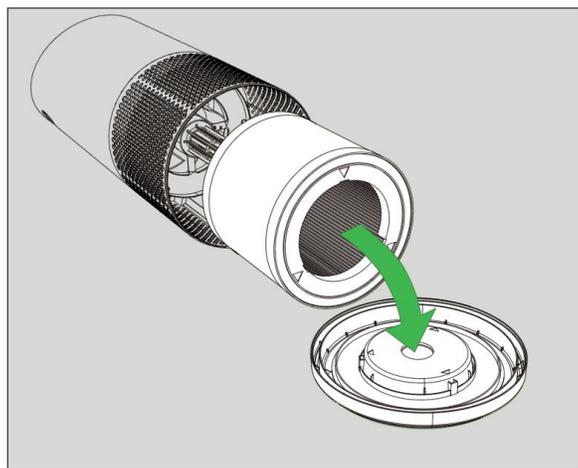


Fig. C

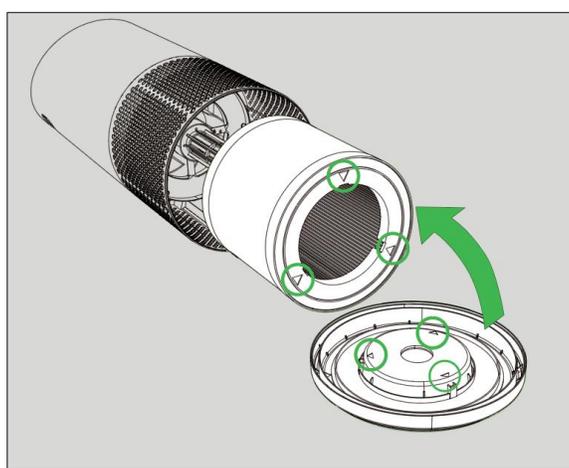


Fig. D

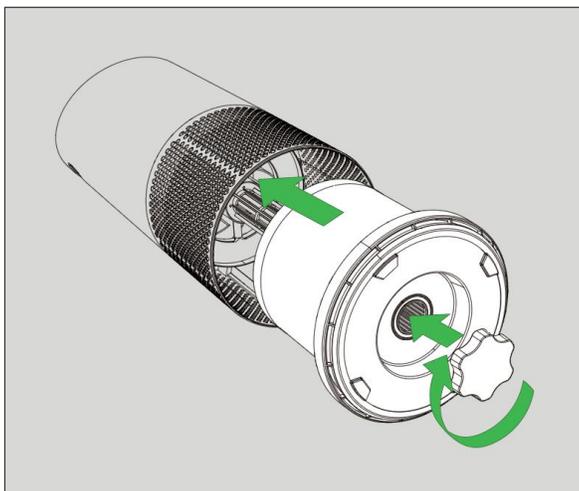


Fig. E

Replacing the Carbon filter

1. The **Carbon** indicator will glow red when it is time to replace only the Carbon layer.
2. Gently peel away the Prefilter from its fastener strips.
3. Gently peel away the old Carbon layer from its fastener strips.
4. Your replacement 3-pack of Carbon filters (*on page 7*) will cover each of the three Carbon changes between changes of the entire HEPA drum filter assembly (*see above*).
5. Wrap a new Carbon layer around the filter drum and attach using the same fastener strips.
6. Replace the Prefilter by wrapping it around the Carbon layer and attach using its fastener strips.
7. Once the purifier is powered-on, hold the **Reset** button until the **Carbon** indicator turns off.

Washing the Prefilter (*Please Note: HEPA & Carbon filters are not washable*)

1. We recommend that you visually inspect the Prefilter every month, and clean as needed. At a minimum, you should wash the prefilter every time you change the Carbon or HEPA filters.
2. Gently peel away the Washable Prefilter from its fastener strips.
3. Gently rinse with running water – allow Prefilter to dry before re-installing.
4. Replace the Prefilter by wrapping it around the filter drum and attach using its fastener strips.



Replacing the UV lamp

1. The  indicator will glow red when it is time to replace the UV lamp.
2. Once the filter drum is removed (Fig. A, Fig B), use a screwdriver to remove the 4 screws securing the UV housing (Fig. G).
3. Gently remove the UV housing (Fig. H).
4. Disconnect the plug of the UV lamp from the socket within the purifier (Fig. I).
5. Your replacement UV lamp will plug directly into the same socket (Fig. J).
6. Replace the UV housing and use a screwdriver to tighten the fastening screws.
7. Once the purifier is powered-on, hold the **Reset** button until the  indicator turns white.

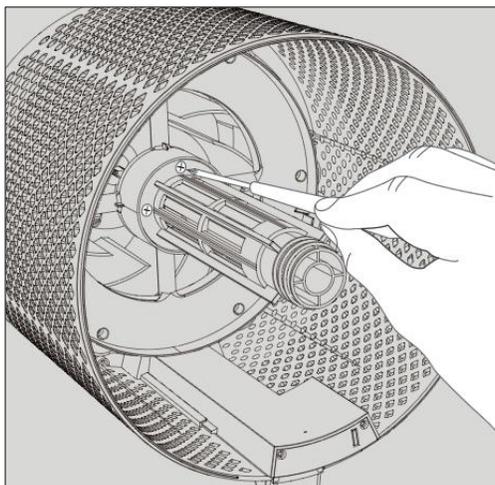


Fig. G

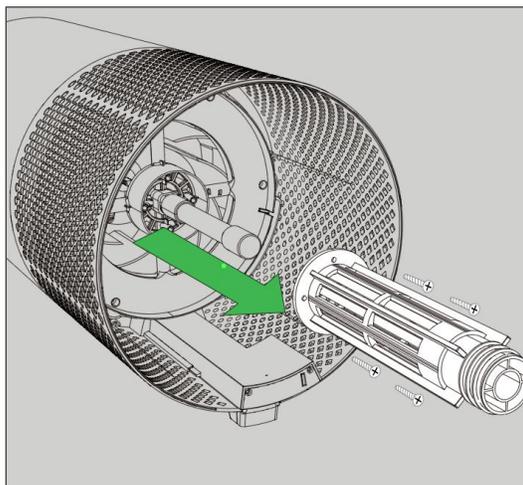


Fig. H

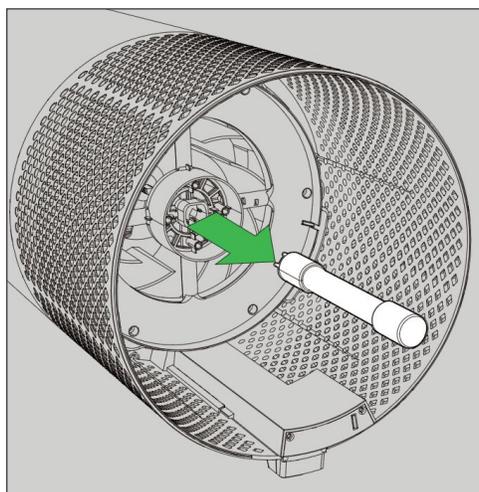


Fig. G

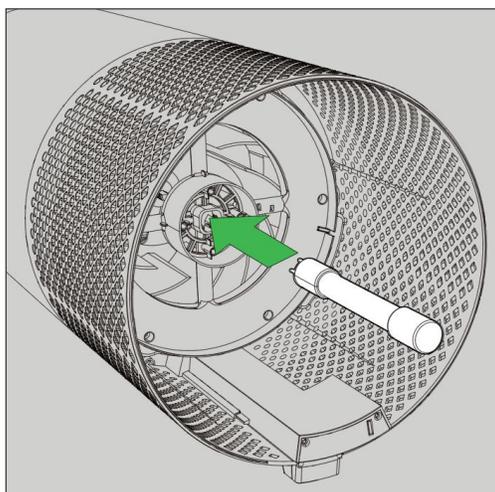


Fig. H

Cleaning the air quality sensor within the SensorPod

The SensorPod uses an infrared light to detect particulate matter, so it is important that you clean the viewing chamber every 1-2 months to remove any dust or particles that may affect the accuracy of the sensor's readings.

1. Turn-off the SensorPod by unplugging the power cord.
2. Open the cover on the front side by sliding the door downward and rotating outward at a 90° angle.
3. Use a damp cotton swab to wipe the lens and intake area of the dust sensor.
4. Use a dry cotton swab to wipe away any remaining moisture.
5. Close the cover by rotating the door back down and sliding it back into place until you hear a click.



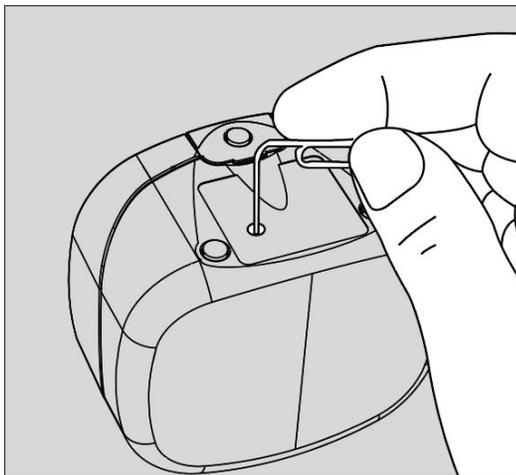
Pairing SensorPod and Purifier

The SensorPod communicates with the purifier using radio frequency signals, and will be paired on the production line and ready for use when you open the box. In the rare event that the signal is interrupted, you can repair the connection in just a few easy steps. You'll know that the signal is lost because:

- a) SensorPod's LED (A) will blink if the purifier is unplugged or out of range; *OR*
- b) The Purifier's sensor indicator light (A) and air quality color/number indicators will blink for 1 minute and turn off if the SensorPod is unplugged or out of range.

1. Unplug the SensorPod.
2. HOLD the  Power Button on the purifier for 3 seconds, when you should hear two chimes.
3. Plug-in the SensorPod and use an item with a small point (paper clip) to press and HOLD the pairing button underneath the SensorPod for 3 seconds.
4. The connection should be established. You'll know because the LED on the SensorPod should light solid and the purifier's sensor indicator light (A) and air quality color/number indicators should be on.

Note: the purifier's air quality color/number indicators will cycle for 6-8 seconds as they do each time the purifier is powered on.



<p>Where do I place the SensorPod?</p>	<p>Anywhere you want to measure the air quality within the room! For optimal performance, place the SensorPod away from the air purifier on a counter or table. In Auto Mode, the purifier will work to distribute clean air until the SensorPod reads an acceptable level of air quality. <i>See specification table on page 7 for appropriate room sizes for each model.</i></p>
<p>How often do I need to change the filters?</p>	<p>The purifier is equipped with replacement indicators that will notify you when it is time to replace the Carbon or HEPA filter, or the UV lamp. Plan on replacing the Carbon every 3-4 months, HEPA every 12-15 months, and UV lamp every 24 months.</p>
<p>How often do I need to wash the prefilter?</p>	<p>The prefilter captures larger particles and preserves the efficiency of the other filters, so we recommend that you visually inspect the prefilter every month and wash as needed. Another good habit is to wash the prefilter every time you replace a filter or the UV lamp.</p>
<p>How often do I need to clean the dust sensor within SensorPod?</p>	<p>For the most accurate measurement of your air quality, we'd recommend you clean the surface of the dust sensor every 1-2 months.</p>
<p>Purifier won't turn on.</p>	<p>Check that the power cord is connected securely to both the wall outlet and the purifier. Check if there is a power outage in the outlet by trying a nearby light or device or by trying a working device in the same outlet. Check that the HEPA filter is fitted properly into filter chamber. Please contact us if you're still having a problem (page ##)!</p>
<p>Purifier won't go into Auto Mode. or AQI indicator disc is off.</p>	<p>Auto Mode is only available when the purifier can react to air quality readings from the SensorPod, so check that the SensorPod is plugged-in and that its light is solid. <i>See page 9 for instructions.</i></p>
<p>SensorPod light is blinking.</p>	<p>Check that the purifier is in the same room and powered-on. If it is, you'll need to follow the pairing procedures on page 9 to repair the connection.</p>
<p>I've lost my SensorPod!</p>	<p>Don't worry! Please contact our customer support team and you can order a replacement SensorPod. Follow the easy pairing process on page 9 for pairing your replacement SensorPod with your existing air purifier!</p>



THANK YOU for allowing TruSens to join you on your journey towards wellness.

If you have any questions that are not answered in this product manual, please reach out!



Call the TruSens helpline at 1-833-TRU-SENS
(1-833-878-7367)



Email us at support@trusens.com

And visit us and share your experience with us on social media!



TruSensWellness



@Tru_Sens



tru_sens



TruSens

Warranty

TruSens warrants that the machine will be perform to the specifications stated and be free from defects in materials and workmanship for a period of 2 years from date of purchase, subject to normal use. Within the guarantee period, TruSens will at its own discretion either repair or replace the defective machine free of charge. Defects due to shipping, misuse, improper maintenance or the use of any parts from another manufacturer are not covered under this guarantee. Proof of date of purchase will be required. Repairs or alternations made by persons not authorized by TruSens will invalidate the guarantee. This guarantee does not affect the legal rights which consumers have under applicable national legislation governing the sale of goods.

Register this product online at www.trusens.com





Experience the difference