Z-2500

OWNER'S MANUAL

SMART AIR PURIFIER, MEDIUM

TruSens.

Welcome to Cleaner Air.

The air you breathe should be clean, no matter where you are in the room. TruSens SensorPod™, PureDirect™ Technology, and DuPont™ Filtration ensure the whole room benefits from cleaner air. You're always in control with Alexa device voice commands and TruSens App remote functions. Track outdoor air quality changes, get filter change reminders, and reorder supplies.

CONTENTS

SAFETY INFORMATION

READ AND SAVE THESE INSTRUCTIONS/READ LABEL AND OPERATING MANUAL BEFORE USING

PRECAUTIONS

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 bulb, 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.
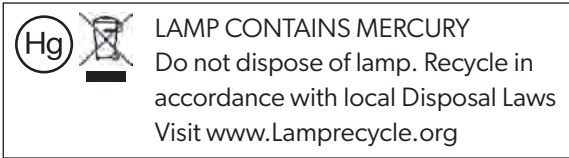
⚠ **WARNING:** Skin or eye damage may result from directly viewing the light produced by the bulb in this apparatus. Always disconnect power before relamping or servicing. Replace bulb with UVLZ2000-01, manufactured by ACCO Brands.

⚠ **WARNING:** UV radiation emitted from this device. Unintended use of the device or damage to the housing may result in exposure to ultraviolet radiation. Ultraviolet radiation may cause eye and skin irritation. Avoid exposing eyes and skin to ultraviolet radiation.

- 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.
- KEEP OUT OF THE REACH OF CHILDREN. Children shall not play with the appliance.
- Replace the UV bulb with the models specified within this manual. The bulb contains mercury. Ensure safe handling, cleanup and disposal of bulb per local laws.
- 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.
- When the air purifier is in standby mode the SensorPod™ is still transmitting a signal/data.
- The use of this device 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 practices related to cleaning and disinfection of environmental surfaces.

FIRST AID INSTRUCTIONS: Seek medical attention in the event of an injury.

| Hg | LAMP CONTAINS MERCURY Do not dispose of lamp. Recycle in accordance with local Disposal Laws Visit www.Lamprecycle.org |

Z-2500/Z-3500:
FCCID: GV3-22Z3X00A IC: 6128A-22Z3X00A

SensorPod™:
FCCID: GV3-22SP0M1 IC: 6128A-22SP0M1

EPA Est. No. indicated by 3rd and 4th digits of the serial number on the package and/or machine. 23 and higher = 91680-CHN-1; 22 and lower = 93166-CHN-1

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.

CAN ICES-3 (B)/NMB-3(B)

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 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.

FEATURE HIGHLIGHTS

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

PureDirect™ Technology
Independent lab testing confirms that two airflow streams are
better than one, moving air effectively and more comfortably
throughout the room.

Informs and Adapts
Color-coded, illuminated ring provides additional
information by communicating air quality in real time.

360° Purification
DuPont™ HEPA filter captures pollutants and VOC
gases/odors from all directions. UV-C light inactivates
germs and bacteria that can get trapped in the filter.

‹DUPONT›

TruSens App and Alexa Device Voice Commands
You're always in control with voice command compatibility and
the TruSens app remote functions. Track outdoor air quality changes,
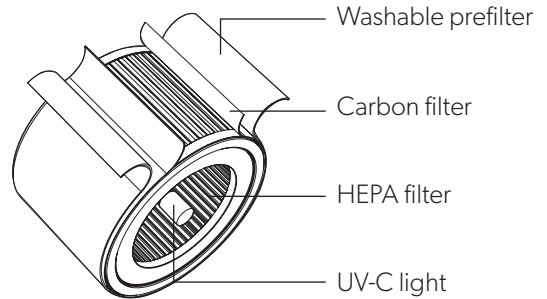get filter change reminders and reorder supplies.

PRODUCT OVERVIEW

Air Purifier

Easy-carry handle

Air quality indicator display

Simple touch control panel

360° air intake

Filter cover & knob (underneath)

SensorPod

Power cord

TrūSens

Air inlet

Power & signal indicator

Filter & UV-C Light

Washable prefilter

Carbon filter

HEPA filter

UV-C light

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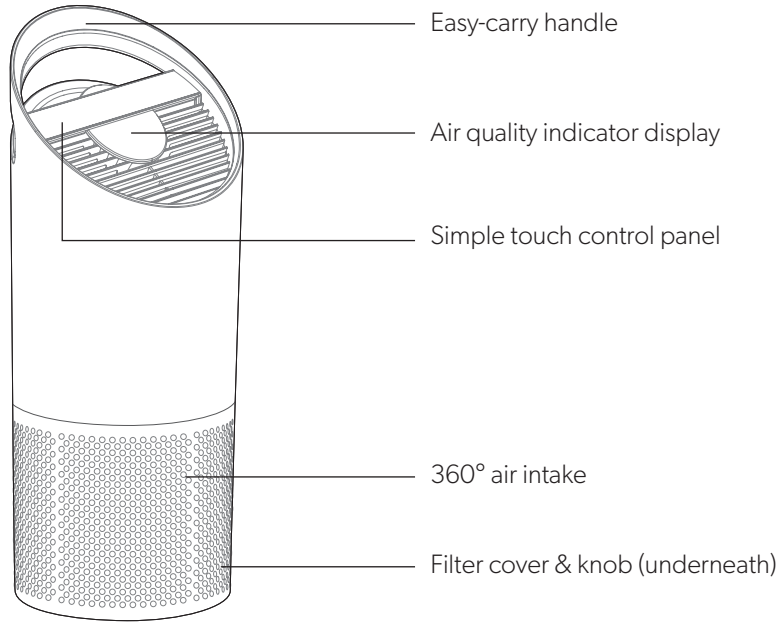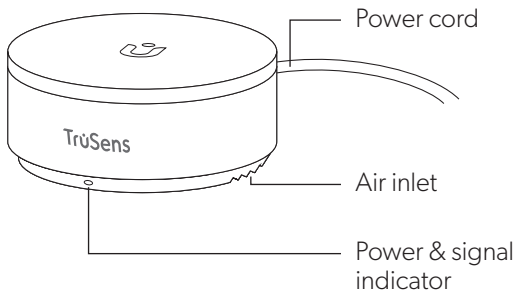
GETTING STARTED

⚠️

1. Remove plastic bag from filter
Unscrew the bottom cover and remove the plastic bag from the filter.
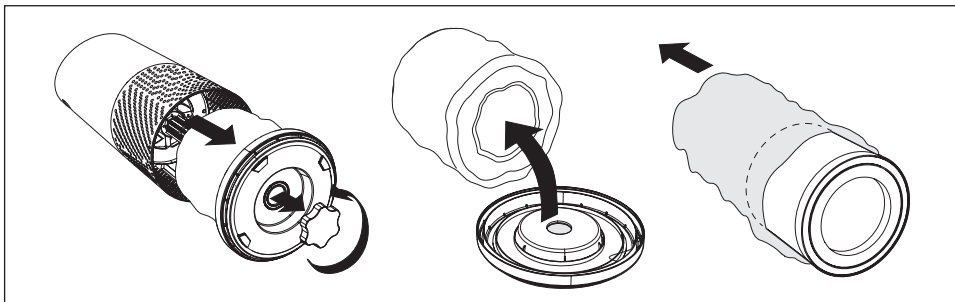
2. Reattach filter
Secure filter on the bottom cover and replace inside the purifier.
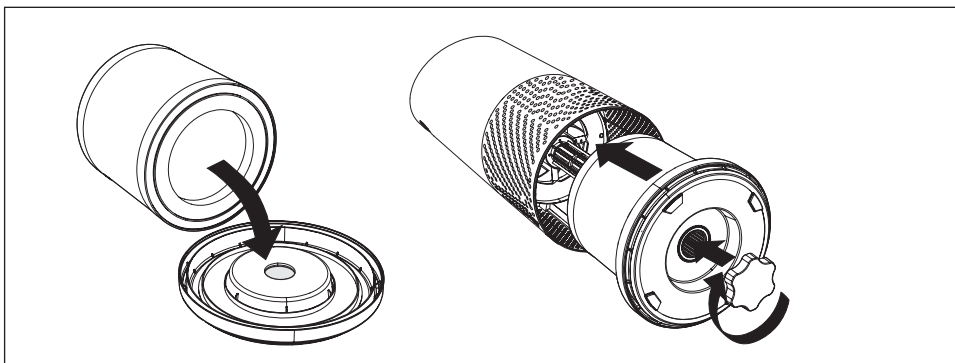
3. Set up

Plug in your SensorPod™ and place upright on tabletop or counter across the room, within line of sight of the purifier.

Plug in your air purifier unit and power on. Place the purifier on a flat surface, free from obstructions.

Signal strength may vary by location. In the rare occasion that it doesn't work, see page 30.

4. 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.

up to 49' (15 m)

room coverage up to 375 ft²   (35 m²)

TrūSens
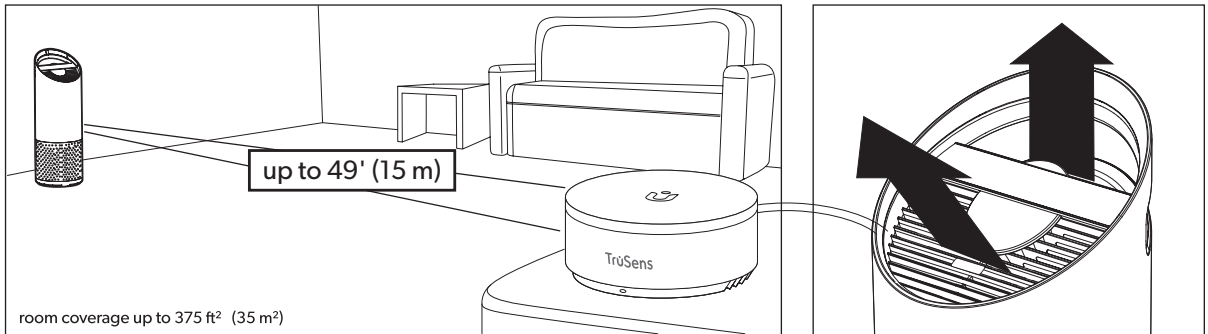
CONTROL PANEL
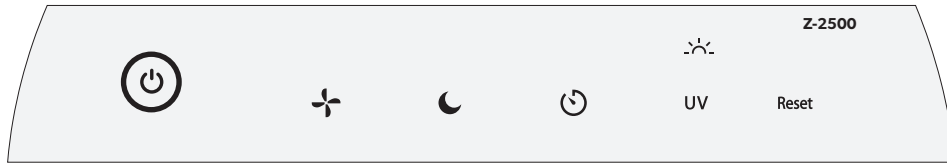
Power Button

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) without sacrificing the effectiveness of the purifier. Simply press the button again to bring back all display features.

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

UV

UV Mode
UV bulb within the purifier's filter chamber is on when the ☼ symbol is white. The ☼ symbol will glow red when it is time to replace the UV bulb.

(See page 28 for replacement instructions.)

Reset

Filter and UV Indicator Reset
HEPA, Carbon and UV indicators glow red when it is time for each to be replaced.
When 1 indicator is on, simply hold Reset button for 3 seconds to reset that indicator. When 2+ indicators are on, tap the Reset button to select the correct indicator (selected indicator will blink) before holding 3 seconds to reset that indicator.

(See pages 26-28 for replacement instructions. Follow above Reset button instructions after replacing filter.)

AIR QUALITY DISPLAY

Real-time Feedback
The enhanced SensorPod™ evaluates the condition of your air by measuring both particulate matter (PM1.0, PM2.5, PM10) and volatile organic compounds (VOCs). 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.

The illuminated, color-coded display communicates good, moderate or poor air quality and a numeric value provides a greater level of detail.

In AUTO mode, the purifier automatically adjusts the fan speed in response to these air quality readings.

GOOD	MODERATE	POOR
BLUE | 0 - 50	YELLOW | 50 - 100	RED | 100 - 500

TruSens utilizes the Air Quality Index (1-500) created by the U.S. Environmental Protection Agency (EPA).

TRUSENS APP

The TruSens app allows you to conveniently control your TruSens air purifier from your smart device, whether you are across the room or across town.

You'll have the same control and real-time air quality feedback as on the Purifier. You'll also find historical tracking of your indoor air quality and information on your local outdoor air quality, and be able to set a schedule for the purifier. The app will notify you when it's time to replace your filter or UV bulb, and you can easily reorder through the app.

Download the TruSens App from the Google Play Store or the Apple App Store.

Apple and the Apple Logo are trademarks of Apple Inc.
Google Play and the Google Play logo are trademarks of Google LLC.

TRUSENS APP: SET-UP

Once downloaded, open
the app and follow the
on-screen prompts.

Allow the app to use your
phone's Bluetooth®.
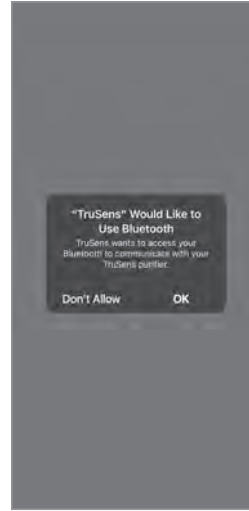
Select your country/language.
(*this can be updated at any
point*.)

Accept the End User License
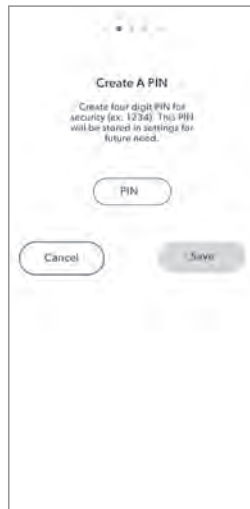Agreement and Privacy Policy.

TRUSENS APP: SET-UP

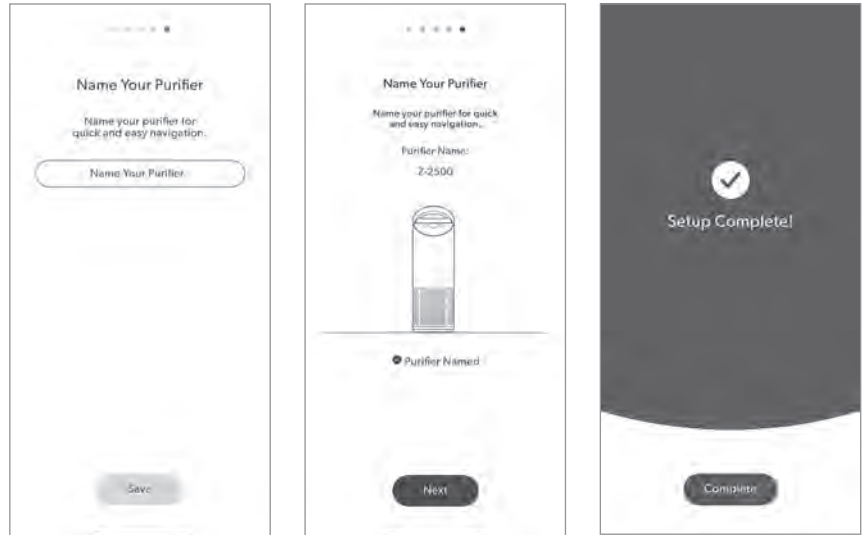Connect the app to your TruSens purifier. *(Your mobile device needs to be within 5 feet of the purifier.)*

Set Up Your Purifier

These next steps will connect your TruSens App to your purifier.

Begin Setup

Searching For Purifier

Enable Bluetooth by going to settings on your mobile device and stand near your purifier.

Searching for Purifier ...

Searching For Purifier

Enable Bluetooth by going to settings on your mobile device and stand near your purifier.

● Purifier Found!

Next

Create a PIN.

Connect your purifier to a Wi-Fi® network.

Create A PIN

Create four digit PIN for security (ex: 1234). This PIN will be stored in settings for future need.

PIN

Cancel   Save

PIN Established

App successfully connected via Bluetooth.

PIN successfully created.

● Bluetooth Connected

Next

WiFi Setup

Connect your purifier to a WiFi network to control your air from anywhere.

OTHER NETWORKS

14
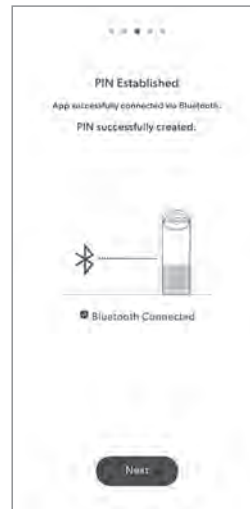
Name your purifier to complete your setup.

NAMING TIPS

- When using your purifier's voice control feature, you will say the purfier's name every time you issue a command; to prevent confusion, each purifier should have a unique name.

- Name your purifier something easy and short (such as "Bedroom" or "Kitchen").

- Do not include "purifier" in the name. *The Alexa app allows the renaming of a purifier, but we do not recommend it.*

TRUSENS APP: FUNCTIONS

Once loaded, you can explore multiple remote functions from the TruSens app's main screen.

POWER ON/OFF
Tap POWER to turn your purifier on. *(Green indicates that a feature is activated.)*

SELECT FAN SETTINGS
Select FAN to adjust fan speeds. AUTO will adjust the fan speed according to air quality.

SEE AIR DETAILS
The enhanced SensorPod sends real-time air quality data to your purfier and the app. To view details about this data, tap SEE AIR DETAILS.

Select BACK to return to the main screen.
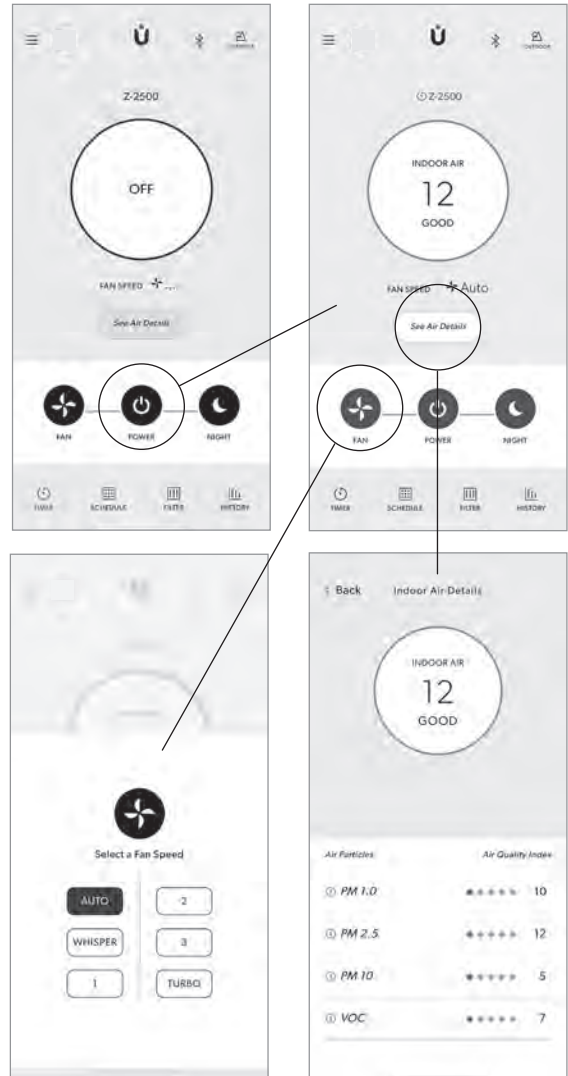
NIGHT MODE

Night Mode dims the lights on the purifier's control panel. Tap the NIGHT button to control this setting.

FILTER STATUS

Track when to reorder new filters and accessories and purchase easily from the app.

VIEW AQI HISTORY

Select HISTORY from the main screen to view your indoor air quality information by the hour, day, week or month.
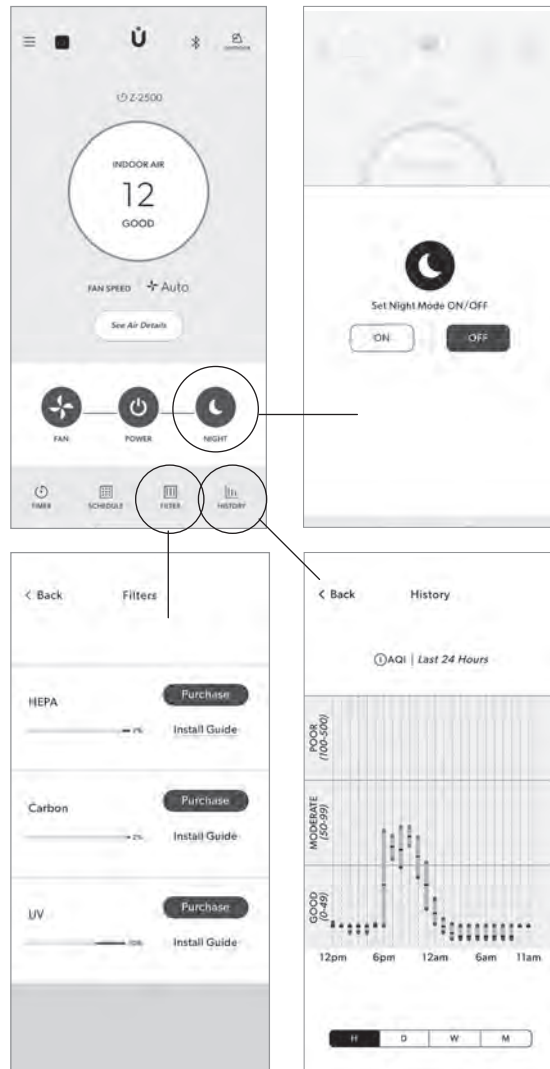
TRUSENS APP: FUNCTIONS

SCHEDULE SET-UP

Schedules allow you to specify purifier settings based on day and time. For instance, you could set a schedule that tells your purifier to turn off every weekday at 9 am and back on again at 6 pm, depending on when you're gone from the house.

To initiate the process, select SCHEDULE and make selections based on your individual needs.
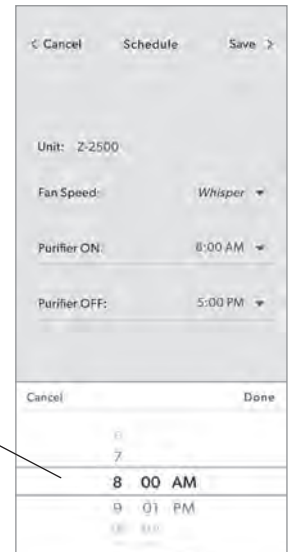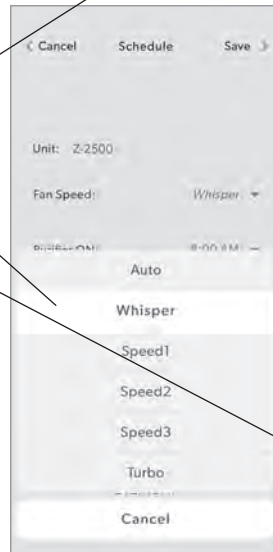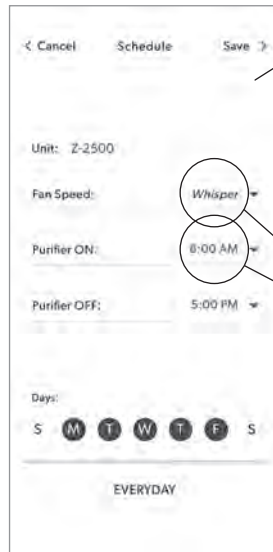
OUTDOOR AIR QUALITY

In addition to indoor air quality information (AQI), you can also access outdoor air quality information from the main screen.

The TruSens app's outdoor air quality information feature can alert and inform you about your local conditions, as well as conditions anywhere in the world.

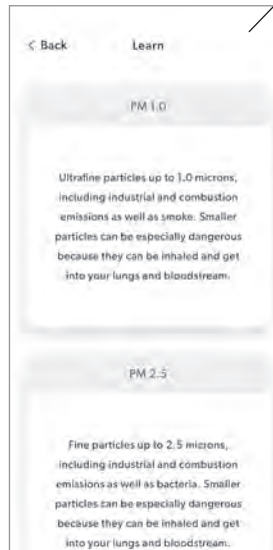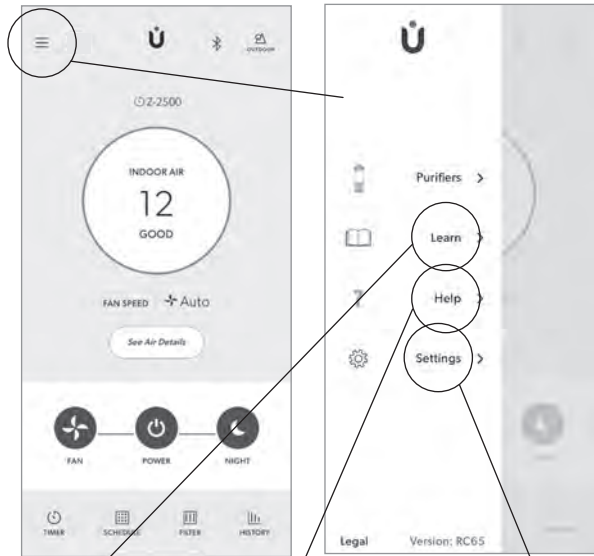To view outdoor AQIs, select the OUTDOOR icon in the upper right of the main screen and follow prompts.
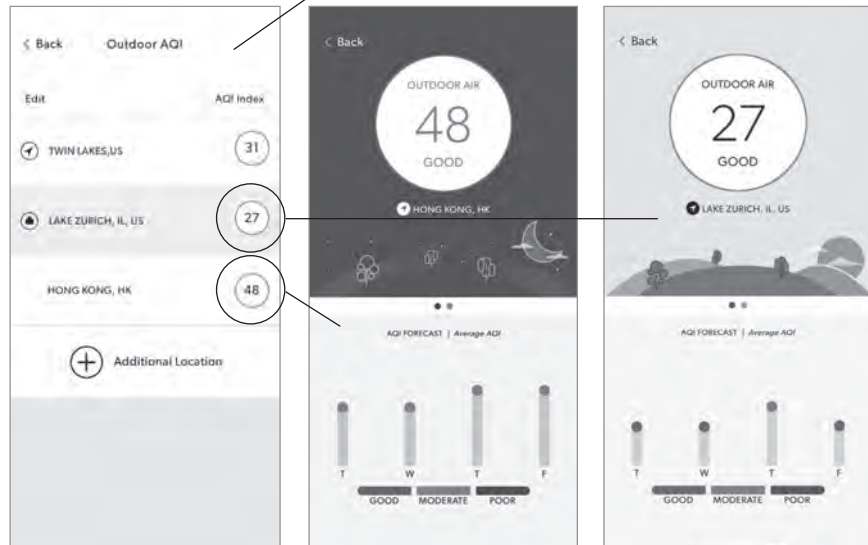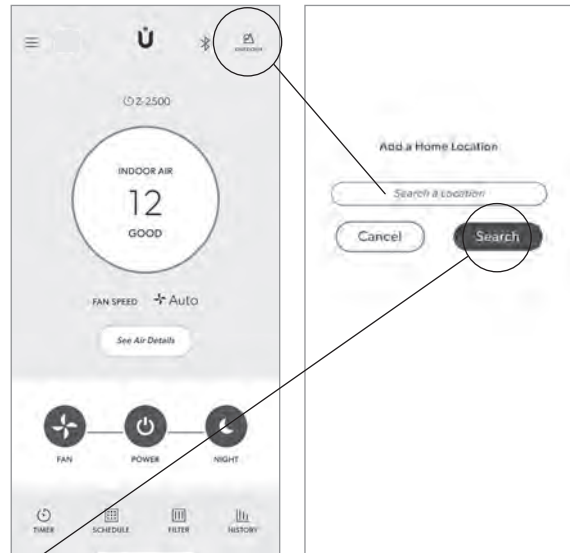
TRUSENS APP: FUNCTIONS

ADDITIONAL INFORMATION

In addition to making remote purifier functions useful, the TruSens app makes it easy to access additional information.

Tap the icon in the upper left of the main screen and select one of the multiple options.
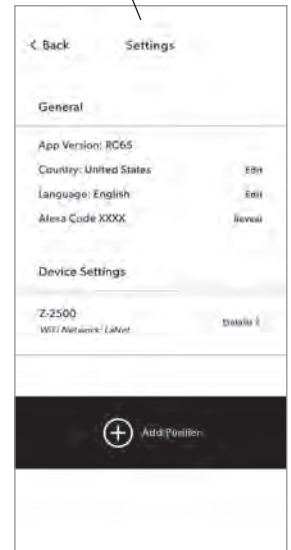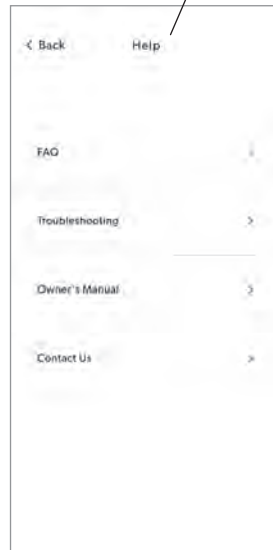
ALEXA DEVICE VOICE CONTROL

INSTALL THE ALEXA APP

1. Download the latest version of the Amazon Alexa app to your smart device.

2. Once loaded, open the Alexa app and tap the Devices button on the bottom right of the screen.

3. Alexa will scan your Wi-Fi® network and locate your Z-2500 TruSens Smart Air Purifier.

PAIR YOUR TRUSENS SMART AIR PURIFIER WITH ALEXA DEVICE

1. Confirm that your Z-2500 TruSens Smart Air Purifier and your Alexa device are connected to your local wireless network.

2. Open the Alexa app and search "TruSens" under the Skills section.

3. In the TruSens app, go to Settings and select Reveal to reveal your Alexa code, then click Copy.

4. In the Alexa app, click Enable on the TruSens Skill, then paste the code you copied in step 3.

5. If successful, you will receive this message: Your TruSens Air Purifier account has been successfully linked.

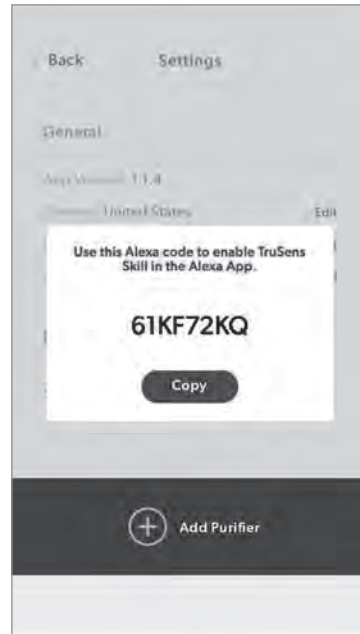# ALEXA DEVICE VOICE CONTROL

PAIR YOUR TRUSENS SMART AIR PURIFIER WITH ALEXA APP
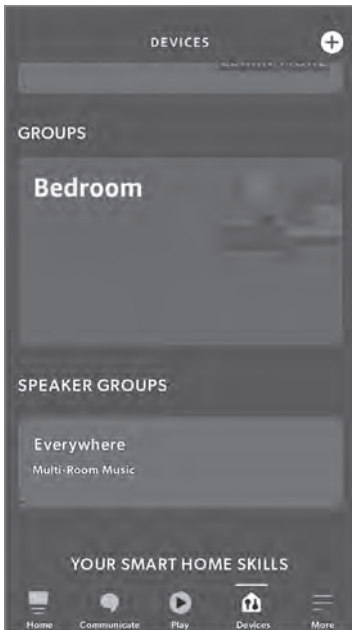
1. In the Alexa app, navigate to the Devices tab.

2. Click "Your Smart Home Skills". You will likely not have any skills at this time. Once installed, you will see the TruSens skill on this page.

3. Click the "Enable Smart Home Skills" button. In the skills list that appears, click the magnifying glass icon in the upper-right corner to search. Type "TruSens" in the search bar.

4. Select the TruSens skill to install it. This is technically a new skill for your Alexa device, so you may be expected to link your purifier again.

5. If so, please use the TruSens app to obtain a new linking code.

ALEXA DEVICE VOICE CONTROL

TOPIC	COMMAND
Power ON/OFF	"Alexa, turn ON/OFF (name) purifier"
Fan Speed Settings	"Alexa, set (name) purifier to (Auto/Whisper/ Speed 1/Speed 2/Turbo)"
Timer Settings	"Alexa, set (name) purifier timer settings to (2 hours/4 hours/8 hours/12 hours/OFF)"
Dimmer	"Alexa, turn ON/OFF (name) purifier dimmer"
Night Mode	"Alexa, turn ON/OFF (name) purifier night mode"
UV Mode	"Alexa, turn ON/OFF (name) purifier UV"

SPECIFICATIONS

Air Inlet	360°
Room size at 2 ACH (air changes per hour)	375 ft² (35 m²)
Air Delivery Type	PureDirect™
Sensor	Enhanced SensorPod™ technology with improved air quality measurment sensors that monitor: pollutants (PM1.0, PM2.5, PM10) and VOCs (formaldehyde, paint fumes); works up to 49 ft (15 m) from purifier
Smart Features	• TruSens Mobile App with remote functionality • Alexa Device Compatibility
Fan Speed Settings	Whisper, 1, 2, Turbo, AUTO
Purification Levels	Washable Prefilter, Carbon, HEPA, UV-C Light
Timer Settings	2, 4, 8, 12 hr
Replacement Indicators	Carbon, HEPA, UV
Noise	33– 64 dB
Dimensions	8.8 x 8.8 x 22.3 in (223 x 223 x 567 mm)
Weight	9.0 lbs (4.1 kg)
Motor Type	DC motor
Power Requirements	120v / 60 Hz
Power Consumption	28 W
Warranty	2 years

Replacement Filters & UV Bulb	Standard	Allergy & Flu	Odor & VOC	Pet
HEPA Drum Filter	AFHZ2000-01	AFHZ2000-AGY01	AFHZ2000-SMK01	AFHZ2000-PET01
Carbon Filter	AFCZ2000-01	AFCZ2000-AGY01	AFCZ2000-SMK01	AFCZ2000-PET01
UV Bulb	UVLZ2000-01	—	—	—

CARE & MAINTENANCE

⚠️

WARNING: Always power off the purifier by pressing the Power Button and unplugging the power cord.

To access the filter chamber, carefully remove the filter cover so that the filter chamber is exposed (Fig. A).

REPLACING HEPA DRUM FILTER

The HEPA indicator will glow red when it is time to change the entire HEPA drum filter.

1. Gently pull the HEPA drum filter away from its place secured to the filter cover (Fig. B).

2. Secure the replacement HEPA filter onto the filter cover (Fig. C).

3. Gently replace the filter cover with filter drum into the filter chamber and onto the threading, then turn the knob clockwise until the knob and filter chamber cover are securely tightened (Fig. D).

4. Plug in and power on your purifier, and hold the Reset button until the red HEPA indicator turns off.

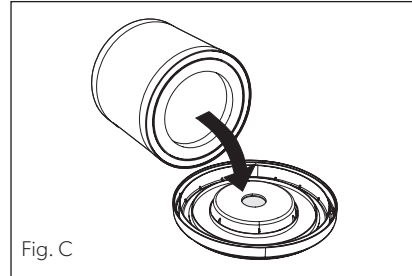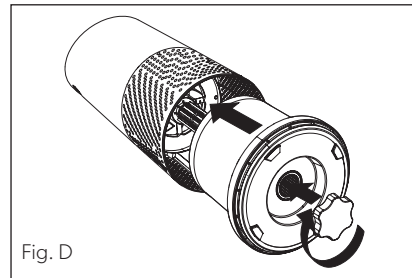Refer to page 25 for HEPA Drum Filter replacement part numbers.
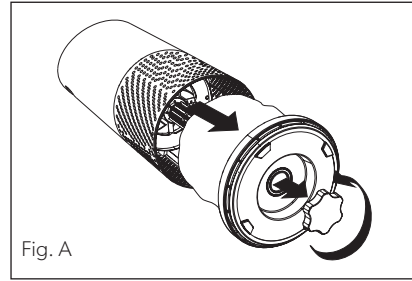
Fig. A
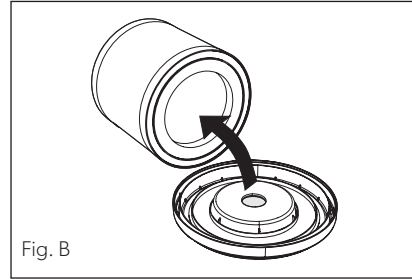
Fig. B

Fig. C

Fig. D

REPLACING THE STANDARD CARBON FILTER

The Carbon indicator will glow red when it is time to replace the Carbon layer.

1. Gently peel away the Prefilter from the fastener strips (Fig. E).

2. Gently peel away the used Carbon layer from the fastener strips (Fig. F).

3. Wrap a new Carbon layer around the filter drum and attach to the same fastener strips (Fig. G).

4. Replace the Prefilter by wrapping it around the Carbon layer and attaching to the fastener strips (Fig. H).

5. Once the purifier is powered on, hold the Reset button until the red Carbon indicator turns off.

   Note: Standard Carbon filter 3-pack (on page 25) will cover 3 Carbon changes between replacing the entire HEPA drum filter assembly (on page 26).

   Note: Specialty Filters feature a Carbon drum filter that slides away from the HEPA filter layer.

WASHING THE STANDARD AND PET PREFILTER

We recommend that you visually inspect the Prefilter every month and clean as needed. At minimum, you should hand wash the Prefilter every time you change the Carbon filter.

1. Gently peel away the Washable Prefilter from the fastener strips (Fig. E).

2. Gently rinse Prefilter with running water and allow to air dry before reinstalling.

3. Replace the Prefilter by wrapping it around the filter drum and attaching to the fastener strips (Fig. H).
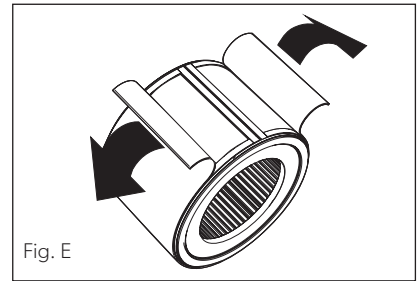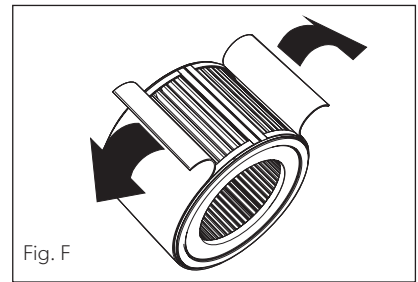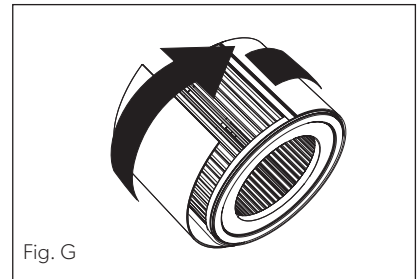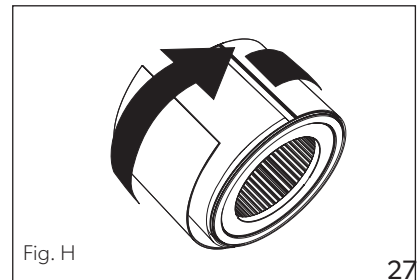

Fig. E

Fig. F

Fig. G

Fig. H

REPLACING UV BULB

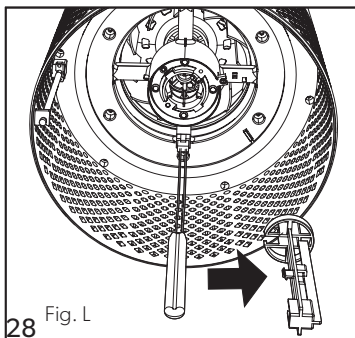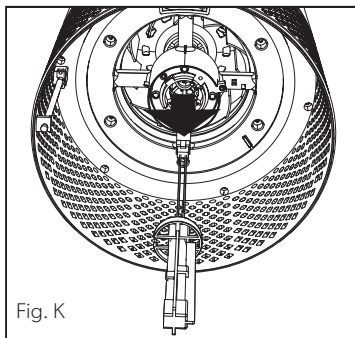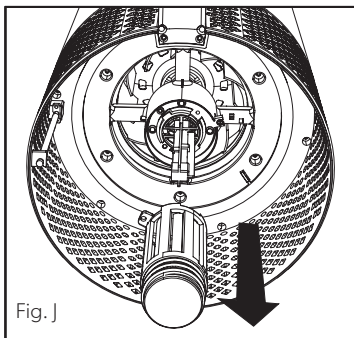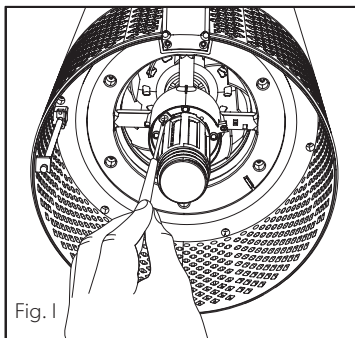1. The ☼ indicator will glow red when it is time to replace the UV bulb.

2. Remove HEPA filter drum (Fig. A) and use a screwdriver to remove the screw securing the UV housing (Fig. I).

3. Gently remove the UV housing (Fig. J) and disconnect the UV bulb from the socket (Fig. K).

4. Release carriage from the UV bulb (Fig. L).

5. Secure carriage to new UV bulb (page 25) (Fig. M) and connect UV bulb into purifier (Fig N).

6. Replace the UV housing and use a screwdriver to tighten the fastening screw.

7. Once the purifier is powered on, hold the Reset button until the ☼ indicator turns white.

Fig. I

Fig. J

Fig. K

Fig. L

Fig. M

Fig. N

FAQ & TROUBLESHOOTING

|	
Where do I place the SensorPod™?	Anywhere you want to measure the air quality within the room. For optimal results, place the SensorPod up to 49 ft (15 m) away from the air purifier on a counter or table within line of sight of the purifier. In Auto Mode, the purifier will work to distribute clean air until the SensorPod reads an acceptable level of air quality.
How often do I need to change the filters?	That's easy. The purifier's replacement indicators will notify you when it is time to replace the Carbon or HEPA filters, or the UV bulb. Plan on replacing the Carbon every 3-4 months, HEPA every 12-15 months, and UV bulb every 1-3 years.
How often do I need to wash the Prefilter?	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 the Carbon filter.
Questions about the TruSens app or how the purifier works with Amazon Alexa?	First, always check you are connected to a Wi-Fi® network and that Bluetooth is enabled on your smart device. For other questions, please visit www.trusens.com for more information on troubleshooting.
Purifier won't turn on.	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 31).

FAQ & TROUBLESHOOTING

Purifier won't go into Auto Mode. OR **Air quality indicators are off.** OR **Purifier's sensor signal indicator is blinking.**	First, check that the SensorPod is plugged in and that its light is solid. Next, check that the SensorPod is within range of the purifier (up to 49 ft/15 m). If both are true and the connection is still failing, see below instructions on repairing the SensorPod monitor's connection.
I've lost my SensorPod.	Don't worry. Please contact our customer support team and you can order a replacement SensorPod. Follow the easy pairing instructions below to pair your replacement SensorPod with your existing air purifier.

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, the purifier's sensor indicator light (()) will blink. You can repair the connection in just a few easy steps.

1. Unplug the SensorPod.

2. HOLD the Power Button on the purifier for 3 seconds; you should hear two chimes.

3. Plug in the SensorPod and press and HOLD the pairing button underneath the SensorPod for 5-7 seconds (Fig. O).

4. The connection is established when the purifier's sensor indicator light is lit with no blinking and the air quality indicators turn on.

Fig. O
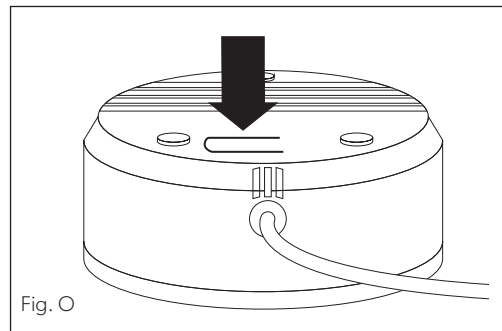
WARRANTY

TruSens warrants the machine will 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. Dated proof of purchase will be required. Defects due to shipping, misuse, improper maintenance are not covered under this warranty. Only the use of TruSens brand accessories will guarantee the proper functioning and lifetime of your TruSens machine. Any damage to or malfunction of your air purifier resulting from the use of unauthorized TruSens filters or UV bulbs may not be covered by this warranty or may result in a service fee if the damage or malfunction is determined to be caused by such use.

Within the warranty period, TruSens will at its own discretion either repair or replace the defective machine free of charge. Repairs or alternations made by persons not authorized by TruSens will void the warranty.

This warranty only applies to air purifiers operated in the United States and Canada. This warranty does not affect the legal rights which consumers have under applicable national legislation governing the sale of goods.

SUPPORT

We value your feedback. Please contact us to share your experience.

Visit our website at **www.trusens.com**

Email us at **support@trusens.com**

Call us at **1-833-TRUSENS** (1-833-878-7367)

Subscribe to our YouTube channel **TruSens**
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