



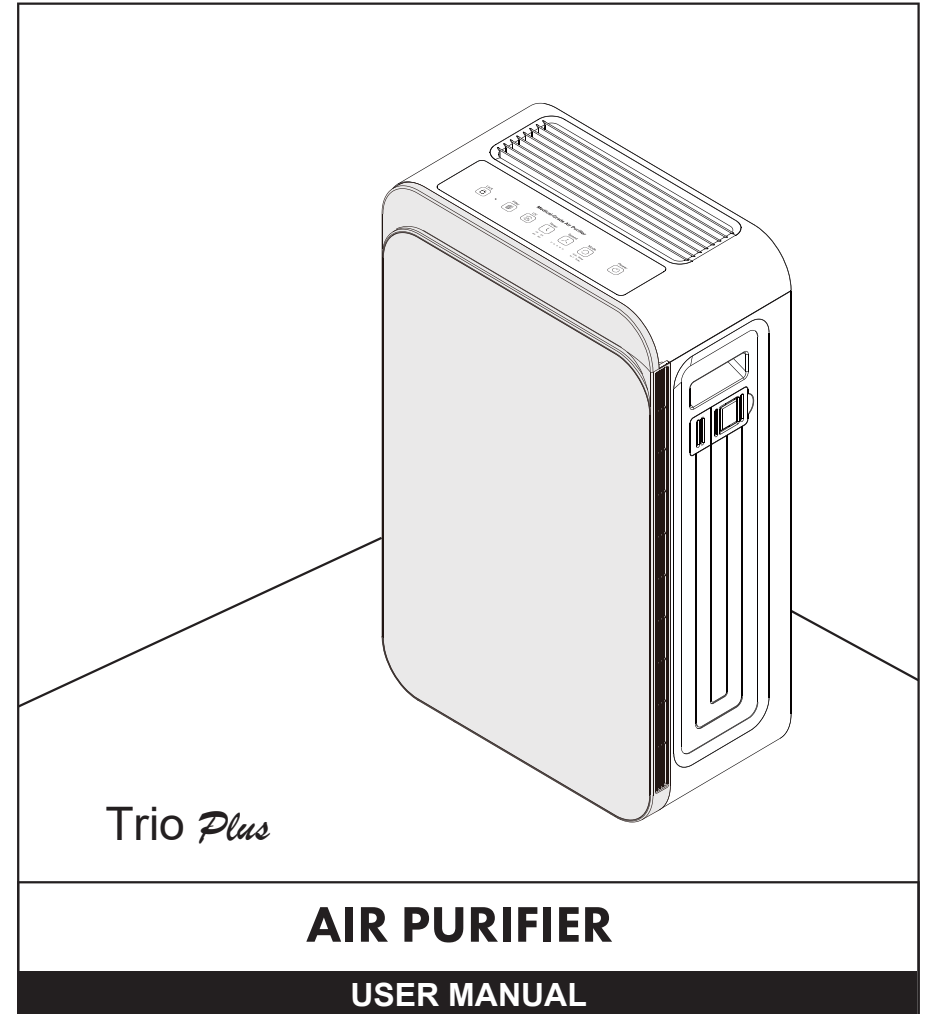
READ AND SAVE THESE INSTRUCTIONS

This manual may be downloaded and printed from the
Field Controls website (www.fieldcontrols.com)

WARRANTY

For warranty information about this or any Field Controls product, visit:
www.fieldcontrols.com

Field Controls Technical Support
1.800.742.8368



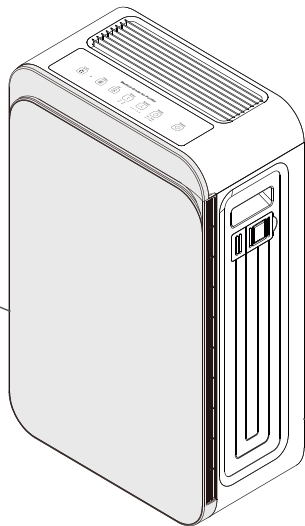
Trio Plus

AIR PURIFIER

USER MANUAL

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SAFETY PRECAUTIONS

Please read the instructions carefully and completely before proceeding with installation of the product to better understand the product and to prevent personal injury and damage.

01



WARNING - Failure to follow the instructions below can damage the product or cause personal injury.

- To reduce the risk of fire or electric shock, do not use this fan with any solid-state speed control device.
- Do not spray any paint, insecticide, ethyl alcohol, or any other chemical agent on the device surface. It can cause a crack, electric shock, or fire. If there is a chemical accumulated inside the device, it will be discharged from the air outlet and dispersed back into the living space. Please ensure the room is well ventilated if using any of the listed chemicals.
- The air purifier should not be used in a flammable and combustible environment or environment with corrosive air.
- When the device is on, please do not touch the air inlet or outlet, or put a hand or any object into the air outlet so as to prevent injury or damage to the product. Do not sit on or place any objects on the device.
- Do not use the device in a humid environment such as a bathroom. Improper usage may cause fire, electric shock or malfunction
- Do not modify, dismantle or repair the device without instruction from the manufacturer. It may cause fire, electric shock or malfunction



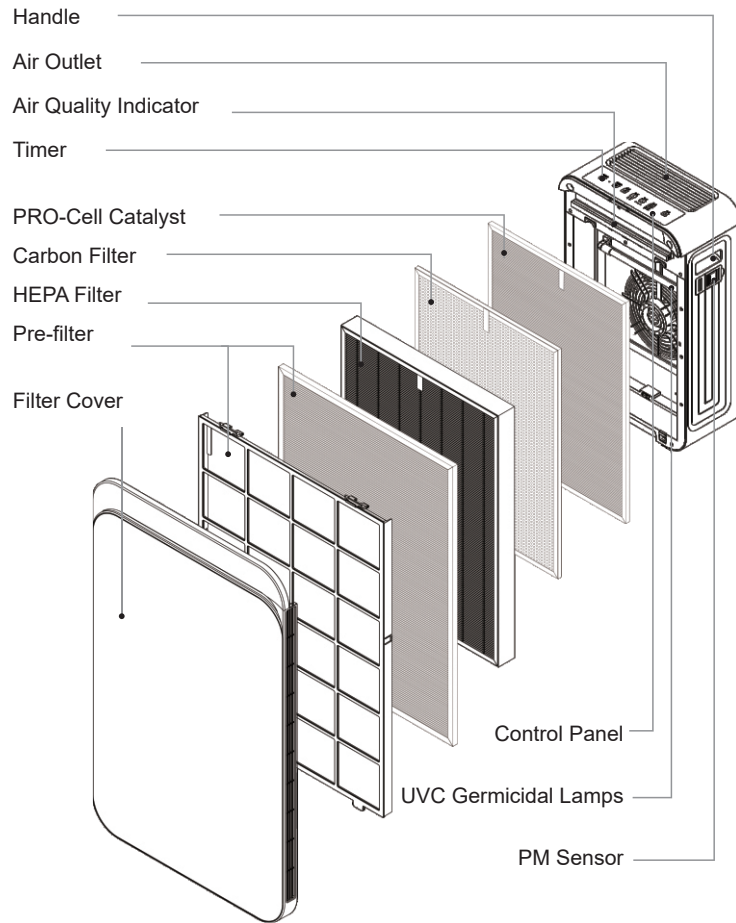
WARNING - Failure to follow the instructions below can damage the product or cause personal injury.

- 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.
- Do not use if the power cord or plug is broken. This can cause electric shock or fire. Do not touch the power cord with a wet hand. The power cord should only be replaced by the manufacturer, its maintenance department, or another professional.
- Please clean the foundation and remove the primary filtration net of the PM2.5 module to make sure air purifiers produce the best result.
- Unplug the device from the wall before moving or performing any maintenance.
- Unplug the device from the wall if it will not be used for a long period of time.
- Turn the device off and unplug from the wall if there is a peculiar smell. Contact technical support if this occurs.
- Do not place foreign objects into the air outlet. Please check the unit for foreign objects before use.
- The air purifier should be placed at least 20in (50cm) from the wall or other objects.
- Unplug or disconnect the appliance from the power supply before servicing.

02

PRODUCT OVERVIEW

Terminology



Specifications

| PRODUCT MODEL | Trio Plus |
|----------------------------------|---------------|
| Rated Voltage (V) | 120 |
| Rated Power (W) | 100 |
| Frequency (Hz) | 60 |
| CADR Rating (CFM) | 295 |
| Sound (dBA) | 55 |
| Coverage (Square Feet in 1 Hour) | 2212 |
| Coverage (Square Feet @ 5 ACH) | 442 |
| Weight | 26.2 |
| Dimensions W x H x D (inches) | 17.3 x 28 x 9 |

Product Features and Functions

The Trio Plus air purifier combines three state of the art air treatment processes into one powerful system. The 3-stage system boasts a True HEPA filtration for maximum particulate capture down to .03 microns, two high intensity UVC germicidal lamps for maximum viral and bacterial abatement, and PRO-Cell™ Catalyst toxic gas reduction technology to significantly reduce odors and volatile organic compounds (VOCs).

The True HEPA filter uses the principle of laminar flow filtration to filter out common particles, removing at least 99.97% of dust, pollen, mold, bacteria, and any airborne particles as small as 0.3 microns.

The carbon filter uses high efficiency activated carbon to effectively remove odor gas, benzene, ammonia, and other harmful gases in the air.

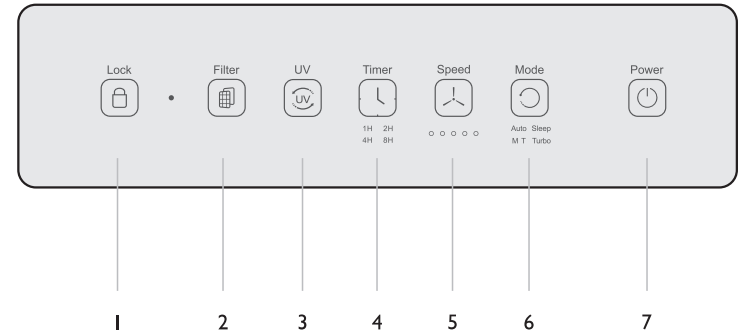
The two UVC lamps excite the PRO-Cell Catalyst, dramatically reducing toxic VOCs, odors, and biochemicals in the air (at a rate of greater than or equal to 90%) to less than 3 hours.

OPERATION INSTRUCTIONS




Air quality is classified into five levels: Healthy, Good, Fair, Unhealthy, and Poor. The different colors of the air quality indicator light represent the air quality in different states.


| Air | Speed | Air Quality Indicator |
|-----------|-------|-----------------------|
| Poor | 5 | Red |
| Unhealthy | 4 | Orange |
| Fair | 3 | Yellow |
| Good | 2 | Green |
| Healthy | 1 | Blue |



Control Panel Operating Instructions



| No | Symbol | Symbol Name | Meaning |
|----|--------|-------------|--|
| 1 | | Child Lock | After the purifier is turned on, press and hold for 5 seconds to turn on the child lock. Press and hold for 5 seconds again to turn child lock off. While the child lock is on, all buttons except for the child lock button will be disabled. |
| 2 | | Filter | When filter replacement is required, the indicator will blink to notify users. After the filter is replaced, press and hold the filter change indicator for 5 seconds to reset the filter indicator. |

| No | Symbol | Symbol Name | Meaning |
|----|--|------------------------------------|--|
| 3 |  | UVC | When the UVC lamp needs to be replaced, the UVC indicator will blink notifying users. After the UV light is replaced, press, and hold the UV light change indicator for 5 seconds to reset the UV light indicator. |
| 4 |  | Timer (1H/ 2H/ 4H/ 8H) | Set the timer to control how long the purifier should operate. Press to cycle between different lengths of time. The timer light will toggle between remaining hours according to time left until shutting down. |
| 5 |  | Speed 1-5 | For manual mode, press and cycle between the 5-speed options by pressing the manual speed button. The purifier will stay in Manual mode unless turned off or switched to another mode. |

| No | Symbol | Symbol Name | Meaning |
|----|--|--------------|--|
| 6 |  Auto Sleep M T Turbo | Auto Mode | When the purifier is on, cycle between modes by pressing the mode dial button; when the purifier is in AUTO mode, the air speed will be adjusted automatically between speeds 1-5 according to the air quality level. The purifier is equipped with a light sensor and will scan the environmental light in AUTO mode. The purifier will switch to SLEEP mode after being in dark surroundings for 5 minutes. If the purifier picks up lightness for 5 minutes, the purifier exits sleep mode and return to AUTO mode. |
| | | MT Mode | The purifier operates based on the speed setting adjusted by the user. Upon switching to M T mode, the speed automatically increases by 1 gear. |

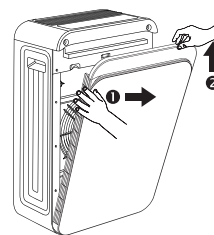
| No | Symbol | Symbol Name | Meaning |
|----|---|-------------|--|
| 6 |  | Sleep Mode | Light luminance will dim, the contaminant level indicator will turn off and the button beep sound will be silenced. Speed and timer are adjustable in sleep mode. Button luminance return to normal upon exiting SLEEP mode. When the purifier is entering sleep mode, an eight hour timer will automatically begin. The timer can be turned off manually. |
| | | Turbo Mode | The purifier operates on maximum speed capacity. Quit by adjusting speed manually or switch to another mode. |
| 7 |  | Power | Press to turn the purifier on or off. |

Getting Started

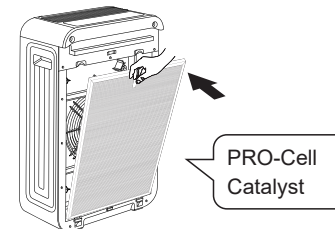
Installing Filter

Before using the appliance, remove all packaging materials covering all of the filters and place the filters into the appliance as described below.

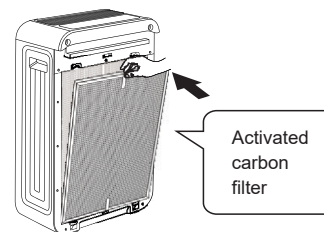
Note Please ensure that the correct filter installation sequence is followed. Otherwise, there may be damage to the product and the filtration efficacy of the unit may not be as effective as advertised.



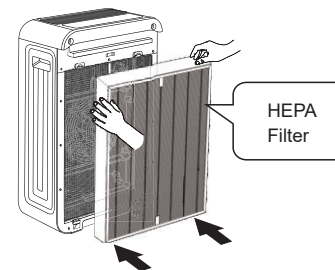
Step 1 As shown in Figure: With both hands on the upper side of the machine, first pull the front case in the 1 direction, and then lift the front case in direction 2.



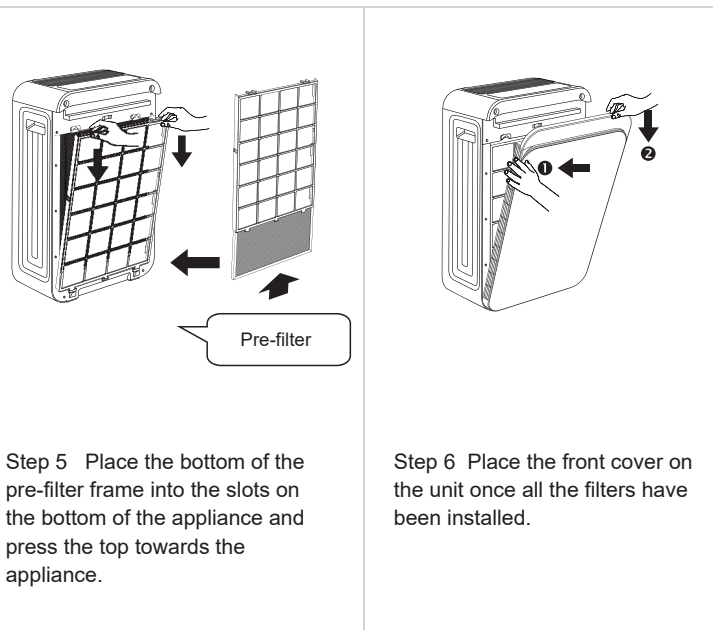
Step 2 Place the PRO-Cell Catalyst in the innermost position closest to the UVC lamp as shown in the figure. Grasp the photocatalyst filter in the direction of the arrow and put the unpacked photocatalyst filter back into the appliance with the tag pointing towards you.



Step 3 Place activated carbon filter screen as shown in the figure. Grasp the activated carbon filter in the direction of the arrow and put the unpacked activated carbon filter back into the appliance with the tag pointing towards you.



Step 4 Place the HEPA filter as shown in the figure. Grasp the high-efficiency HEPA filter as shown by the arrow and put the unpacked high-efficiency HEPA filter back into the appliance with the tag pointing towards you.



MAINTENANCE INSTRUCTIONS

Please ensure the appliance is unplugged from the wall before performing any maintenance.

Cleaning of the Appliance

Wipe with a soft cloth.

Replacement of Filter

The user will be reminded to replace the filter by a Filter Replacement indicator on the control panel. However, the life of the filter may differ according to the degree of pollution in the environment. The filter can be replaced earlier if necessary.

Suggestions: Clean the air purifier once a month. If the operating environment is poor, increase the cleaning frequency.

When there is dust on the surface of the primary filter screen composite filter, remove it with a dust collector to extend the usage period of the filter. (It is advised to clean the filter once per month)

| | Replacement Period | Condition |
|------------------|---|--|
| Composite Filter | The filter shall be replaced at an interval of about 6 months | Absorb the emission amount of 3 cigarettes every day |

* In environments with poorer air quality the filters may need to be replaced more frequently.

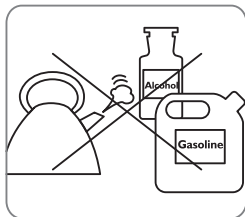
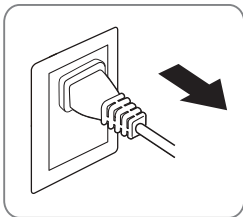
* The used filter shall be disposed of as non-combustible refuse.

To increase the life of the air purifier, perform regular maintenance and care. Before performing maintenance, be sure to shut down the air purifier and unplug the power plug from the power source. After using the air purifier, if the filter needs to be replaced, the Filter Replacement icon on the control panel will flash, indicating the filter should be replaced. During the use of the air purifier, it is recommended that the pre-filter be cleaned every three months to extend the filter service life and dust removal effect. The filter set needs to be replaced after 6 months of use.

Note | All maintenance parts can only be inspected and provided by our authorized service agency.

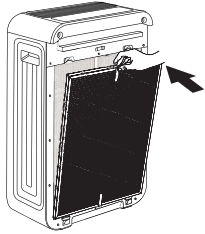
FILTER REPLACEMENT

- Replace with Field Controls Trio Plus Filter Kit # 602604600
- When cleaning the air purifier, please turn off the power first and clean it with a soft, dry cloth. Do not use alcohol, gasoline, benzene or other chemical solvents for cleaning.

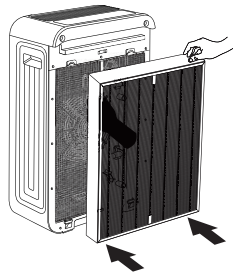


- After the filter has been used for a certain period, it will need to be cleaned or replaced. The process is as follow.

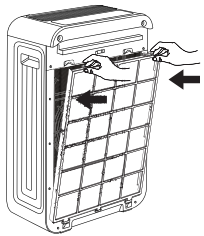
| | |
|--|--|
| <p>Step 1 As shown in the figure, with both hands on the upper side of the machine, first pull the front case in the direction of 1, then lift the front case in the direction of 2.</p> | <p>Step 2 First press the clasps of the pre-filter down, releasing the frame. Then pull the pre-filter towards you, and finally lift the pre-filter upwards.</p> |
| <p>Step 3 Pull the tag of the HEPA filter to remove the filter from the air purifier</p> | <p>Step 4 Pull the tag of the carbon filter to remove the filter from the appliance while keeping the PRO-Cell Catalyst in the air purifier.</p> |



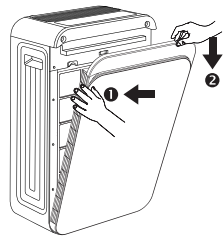
Step 5 Remove the new Carbon Filter from its packaging and place the new filter in the direction of the arrow with the tag pointing towards you.



Step 6 Remove the packaging on the new HEPA filter and place in the direction of the arrow with the tag pointing towards you.



Step 7 Place the bottom of the pre-filter frame into the slots on the bottom of the appliance and press the top towards the appliance until the clasps click closed.



Step 8 First slide the bottom hooks of the front cover into the air purifier slots in the direction of 2, then press the top towards the air purifier in the direction of 1.

Note

HEPA filters and activated carbon filters are best replaced every 3 to 6 months, depending on the use situation. High-efficiency HEPA filters, activated carbon filters, photocatalyst filters, and pre-filters cannot be washed.

REPLACEMENT OF UVC LAMP

WARNING – Skin or eye damage may result from directly viewing the light produced by the lamp in this apparatus. Always shutdown and disconnect the power before replacing or servicing.

Replace lamps with Field Controls Trio Plus UV lamp replacement kit Part Number # 602604500.

Replacement steps:

1. Turn the appliance off and unplug from power outlet.
2. Remove all the filters after opening front cover panel.
3. Remove the UVC lamps by rotating them 90 degrees.
4. Install new UVC lamps by inserting and rotating 90 degrees to lock in place.
5. Replace filters back into the air purifier.
6. Close front cover panel to complete installation

COMMON PROBLEMS AND SOLUTIONS

| Problem | Possible Causes | Remedial Action |
|---|---|---|
| The machine does not turn on | If the power light is off, the unit is not correctly plugged in. Please confirm the plug and socket connections | Confirm the unit is plugged in. Try unplug and plug back in the unit. |
| Product works abnormally | There is a problem with the power connection; The filter cover is not placed properly. | Please check whether the plug is inserted into the socket and check On/Off button status; Re-install the filters. |
| Fresh air cannot be delivered from the air outlet smoothly. | The plastic package of the new filter is not removed; The air outlet of purified is blocked by foreign matter. | Remove any packaging from the filter. |

| Problem | Possible Causes | Remedial Action |
|--|---|---|
| Poor odor removal | The ambient air quality of the room is very poor. The filter package needs to be replaced. The room exceeds the effective area of this product. | Open the window to improve air ventilation; Replace the activated carbon filter. |
| The appliance generates abnormal sound while running | The air inlet or air outlet is blocked by foreign matter; A foreign object has fallen into the air tube of the appliance. | Unplug and remove the object blocking the air flow; Remove any foreign objects in the appliance. |
| The unit is always detecting high levels of particles. | The sensor cover is dusty; The unit operated in a dusty environment. | Clean the sensor cover; Adjust the air purifier operating speed to high speed. |
| When the UVC Lamp is turned on, there is a dull sound and low airflow. | Is the filter packaging removed? Are there foreign objects blocking the air outlet or air inlet? | Remove the filter package and reinstall it according to the Instructions; Turn off the machine and remove the clogged foreign objects. |

| Problem | Possible Causes | Remedial Action |
|--------------|--|---|
| Outlet Smell | <ul style="list-style-type: none"> The filter has absorbed too much odor and smoke; It is time to replace the filters. | <ul style="list-style-type: none"> The odor gradually disappears after running the machine for a period of time; Clean or replace the filter that needs to be replaced. |

The above table lists the common problems with this product.
Need Tech Support? Call us at 800-742-8368.
Office hours are 8am – 5pm EST.

TRANSPORTATION AND STORAGE CONDITIONS

It is recommended that the equipment be transported and stored under the following conditions:

| Ambient Temperature | Environmental Humidity | Atmospheric Pressure |
|-------------------------------|------------------------|------------------------------|
| -40 C ~ +50 C -40F to 122F | ≤80% RH | 70~106kPa 10 psi - 15 psi |

Note

This package includes an air-purifying appliance and an instruction manual. If parts are missing after unpacking, please contact the after-sales service staff.