



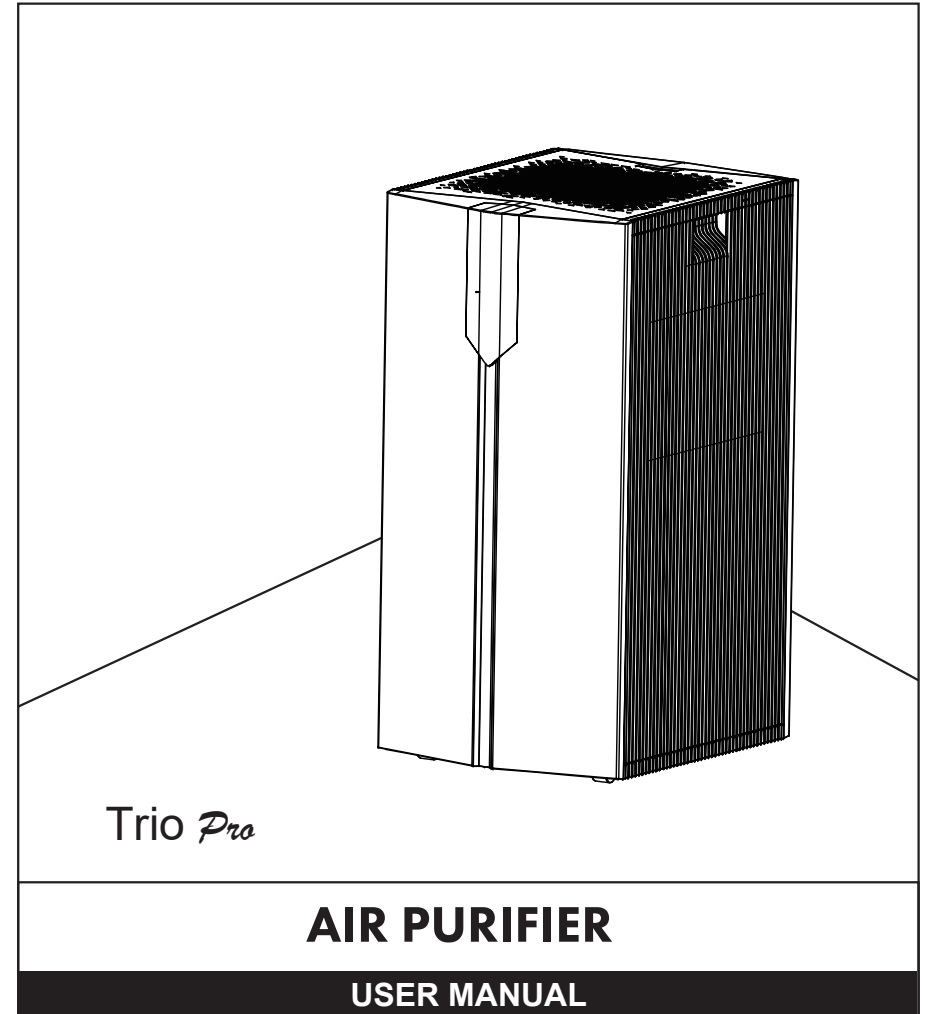
READ AND SAVE THESE INSTRUCTIONS

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



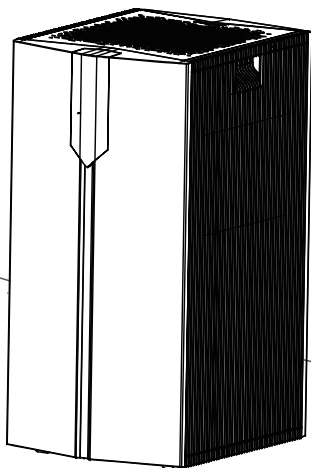
Trio *Pro*

AIR PURIFIER

USER MANUAL

TABLE OF CONTENTS

Safety Precautions	01-02
Product Overview	03-04
Product Features and Functions	05
Operation Instructions	06-11
Getting Started	12-13
Filter Replacement	14-15
UVC Lamp Replacement	16
Common Problems and Solutions	16-18
Transportation and Storage Conditions	18



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 paint, insecticide, ethyl alcohol, or any other chemical agent on the device surface. It can cause a crack, electric shock, or fire. If a chemical accumulates 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.



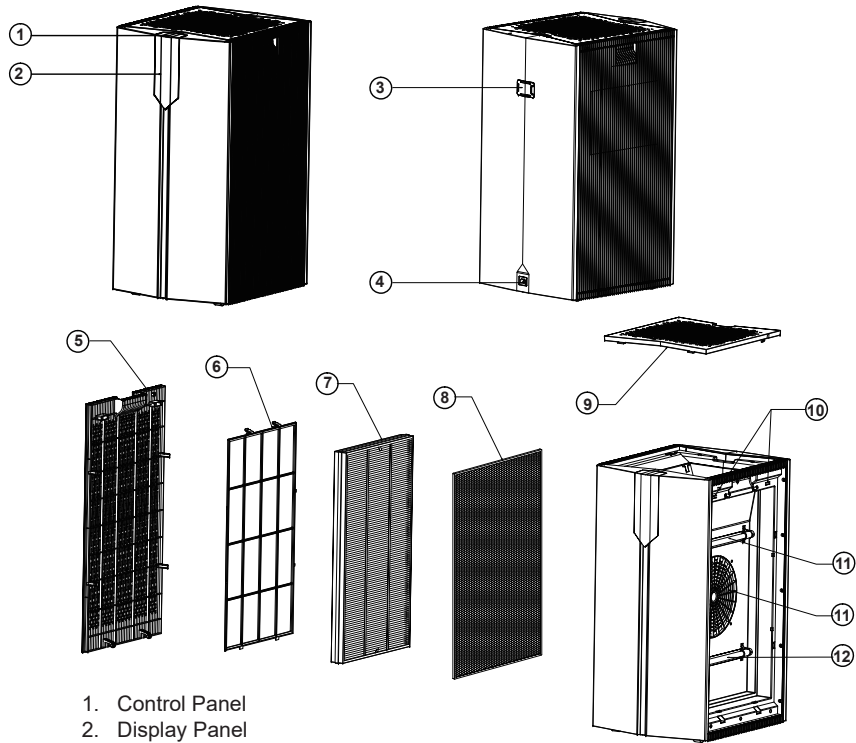
WARNING - Failure to follow the instructions below can damage the product or cause personal injury.

- 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.
- On a recurring basis, or as needed, please clean the filter cover and the pre-filter mesh to ensure air purifiers delivers its highest performance.
- 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



1. Control Panel
2. Display Panel
3. Sensor
4. Power Inlet
5. Filter Cover
6. Pre-Filter
7. HEPA with Activated Carbon Filter
8. PRO-Cell Catalyst
9. Air Outlet
10. Magnet
11. UVC Germicidal Lamps
12. Air Inlet

Specifications

PRODUCT MODEL	Trio Pro
Rated Voltage (V)	120
Rated Power (W)	130
Frequency (Hz)	60
CADR Rating (CFM)	530
Sound (dBA)	60
Weight (lbs.)	39.6
Dimensions W x H x D (inches)	18.6 x 15.2 x 31"

Product Features and Functions

The Trio Pro 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, four 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).

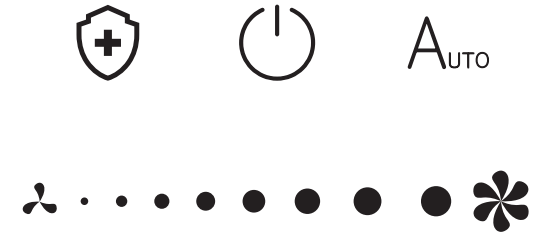
The True HEPA filter uses the principle of laminar flow filtration to filter out common particles, removing at least 99.97% of dust, pollen, mold, bacteria, and any airborne particles as small as 0.3 microns.

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

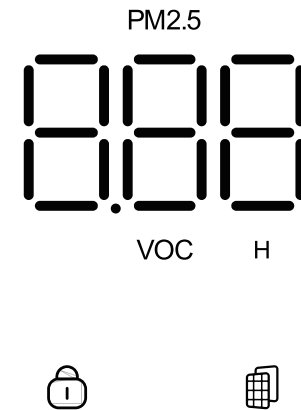
The four UVC lamps excite the PRO-Cell Catalyst, dramatically reducing toxic VOCs, odors, and biochemicals in the air (at a rate of greater than or equal to 90%) to less than 3 hours.

Operating Instructions

Control Panel View



Display View






Operating Instructions

1. Power On/Off

Press to turn the appliance on or off.




2. Speed

The Speed 1 and “” is fully bright by default after turning on the appliance. Click on “” to accelerate the fan speed, while “” is to decelerate. Press the button one time to accelerate or decelerate one gear.

3. Slide Controls

Control the wind speed according to the speed finger slides. Slide right to increase wind speed, instead, slide left to decrease wind speed. Fan speed increases by two fan lights, there are four fan speeds total.

4. Turbo Mode

Press “” or “” until max speed to reach Turbo mode. The “” and all speed indicators will be fully illuminated.

5. AUTO mode

Press “Auto” to enter AUTO mode. Auto mode will adjust the fan speed automatically between 1 to 5 according to the air quality level.

6. UVC

The UVC lamp is ON by default when the appliance is turned on. Press the UV button to turn on or off, indicated by the shield light indicator. If the light is on, the uVC lamp is on, if the light is off, the UVC lamp is off. When the UVC lamp needs to be replaced, the UVC indicator will blink notifying the user. After the UVC light is replaced, press, and hold the UVC light change indicator for 5 seconds to reset the UVC light indicator.

7. Child Lock

After the purifier is turned on, press and hold the UVC button for 3 seconds to turn on the child lock. Press and hold the UVC shield icon for 3 seconds again to turn child lock off. While the child lock is on, all buttons will be disabled except to turn off the child lock.

Operating Instructions

8. Filter Reset

The Filter icon will blink when the filters require replacement. After replacing the filters press and hold the Auto mode button for 5 seconds to reset the filter indicator.

9. Power off before removing filter cover

Before replacing the filter, power off the appliance and remove power cord from outlet. After replacing the filter, plug appliance back into outlet and power on. Ensure the filter covers are fully installed and closed, otherwise the power indicator will flash slowly.

10. Light Sensor function and Sleep Mode

The appliance will enter Sleep mode if the surrounding environment is dark for over 1 minute and the unit is in Auto mode. When in Sleep mode, if the surrounding environment is bright for more than 1 minute, the unit will return to its previous mode before it enters Sleep mode. The Light sensor only functions in Auto mode.

11. Particle Sensor and Fan Speed

The PM2.5 sensor requires a 1-minute warmup before displaying the PM2.5 value in real time. A 60 second countdown will be displayed until the PM2.5 readings are presented. The PM2.5 readings, corresponding IAQ colors and AUTO mode fan speed are provided in the following table below.

Standard	PM2.5 (ug/m ³)	Air Purifier Level	Speed(Auto)	Color
PM2.5	000-050	Healthy	1	Blue
	051-100	Good	2	Green
	101-150	Fair	3	Yellow
	151-200	Unhealthy	4	Orange
	>200	Poor	Turbo	Red

Operating Instructions

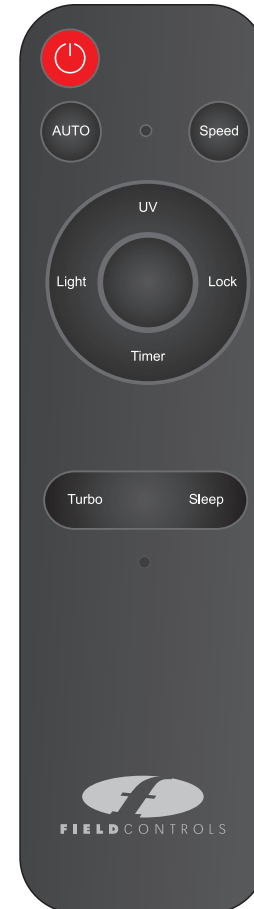
12. Volatile Organic Compounds (VOC) and Fan Speed

The VOC sensor requires a 3-minute warmup, which will be displayed as a 180 second countdown. After the countdown, the VOC value will present VOC reading in real-time. The air quality color level will be directly displayed as shown in the table below and associated fan speed in AUTO mode.

Standard	VOC Level (mg/m ³)	Air Purifier Level	Speed(Auto)	Color
VOC	0.00-0.30	Healthy	1	Blue
	0.31-0.60	Good	2	Green
	0.61-0.90	Fair	3	Yellow
	0.91-1.20	Unhealthy	4	Orange
	>1.20	Poor	Turbo	Red

Operating Instructions

Remote Control View



Operating Instructions

There are 9 buttons on the Remote Control: PowerON/OFF, AUTO mode, Speed, UV, Light, (Child)Lock, Timer, Turbo, Sleep. The Speed button will cycle between the 4 speeds:

Speed 1 → Speed 2 → Speed 3 → Speed 4 → Speed 1, etc.

13. Sleep (Only for Remote Control)

When the Sleep button on the Remote Control is pressed, the display panel will show "SLP" indicating the unit is entering Sleep mode. 5 seconds later, all indicator lights will turn off and the display panel brightness will reduce by 20%.

To exit Sleep mode, press Sleep button, or any other buttons, and the appliance will return to the previous state.

14. Timer (Only for Remote Control)

Press the timer button of the remote control to set when the appliance will shut down. The display indicates the time, which can be set from 1 to 24 hrs in increments of 1 hour. Pressing the button will extend the timer by 1 hour each time. If the timer function needs to be canceled, press and hold the timer button for 3 seconds to cancel the timer setting.

15. Light (Only for Remote Control)

Press Light button to turn-off all lights on the appliance except the power cord. All other functions will remain in current state, just the lights will turn off. To exit this mode, just press the Light mode button or any other button.

Getting Started

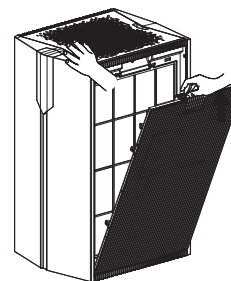
Installing Filter

There are filter covers on all filters of the appliance.

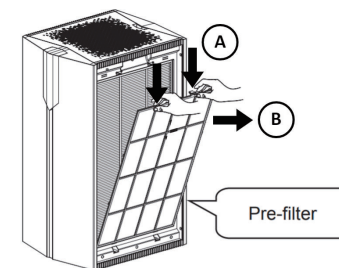
Before using the appliance, remove all packaging materials covering all the filters and place the filters into the appliance as described below.

Note

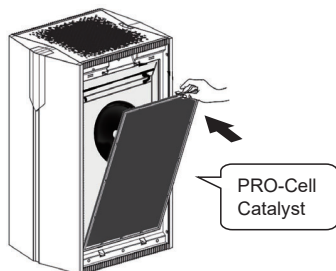
Please ensure that the correct filter installation sequence is followed. Otherwise there may be damage to the product, and the filtration and sterilization effects of the unit may not be as effective as advertised.



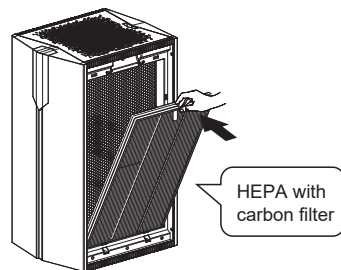
Step1 Grasp the handle on the panel with one hand and gently pull outward to remove.



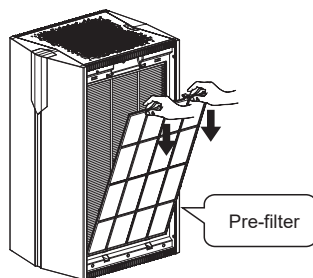
Step 2 Press down on the Pre-filter tabs (A) and pull outwards to remove (B). Gently remove the filter and PRO-Cell Catalyst from the appliance and remove the packaging.



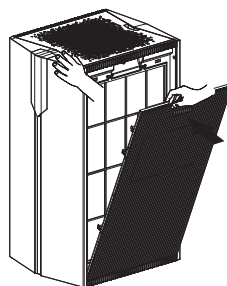
Step 3 Gently place the PRO- Cell Catalyst (metal honeycomb) in the innermost position closest to the UVC lamp as shown in the figure with the tag pointing outwards.



Step 4 Next, place the unpackaged HEPA with carbon filter back into the appliance with the tag pointing outwards.



Step 5 Place the Pre-filter frame into the slots on the bottom of the appliance and press the top towards the appliance until the clasps click.



Step 6 Place the filter cover on the unit once all the filters have been installed. Repeat steps 1 - 6 on opposite side.

MAINTENANCE INSTRUCTIONS

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

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 cord 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

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.

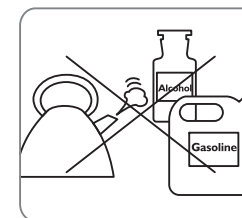
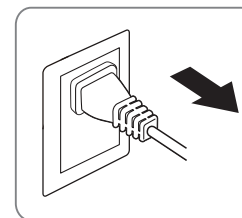
Cleaning of the Appliance

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.

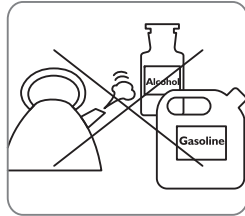
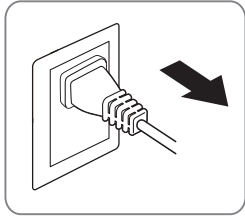
Suggestions: Clean the air purifier once a month. If the operating environment is poor, increase the cleaning frequency.

The Pre-filter screen may be dusty. Remove the dust with a dust collector or a vacuum to extend the usage period of the filter. (It is advised to clean the filter once per month).



FILTER REPLACEMENT

- Replace with Field Controls Trio Pro Filter Kit # 602605600
- Turn off the appliance and remove power cord from power supply before replacing filters.



The appliance will indicate when the filters require replacement, shown by the Filter Replacement light indicator on the control panel. However, the life of the filter may differ depending to the degree of pollution in the environment. The filter can be replaced earlier if necessary.

To replace the filters, follow steps 1 through 6 on page 12 to page 13.

Filter	Clean/Replacement Period
Pre-Filter	Gently clean mesh screen with vacuum cleaner once per month
HEPA with Activated Carbon	The filter should be replaced every 6 months

- * In environments with poorer air quality the filters may need to be replaced more frequently.
- * The used filter shall be disposed of as a non-combustible waste.

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 direct exposure to the light produced by the lamp in this appliance. Always shutdown and disconnect the power before replacing or servicing.

Replace lamps with Field Controls Trio ProUV lamp replacement kit Part Number # 602605500.

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	Actions
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 unplugging and plugging 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	Actions
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.	Open the sensor panel and gently clean the sensor with a clean cloth. Adjust the air purifier to operate at higher speeds
When the disinfection function is turned on, there is a dull sound and low air flow.	Is the filter packaging removed? Are there foreign objects blocking the air outlet or air inlet?	Remove the filter package and reinstall according to instructions. Turn-off the machine and remove foreign objects.

Problem	Possible Causes	Actions
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 remote control is faulty.	<ul style="list-style-type: none"> The battery life is out of lifetime. The range is out of control. 	<ul style="list-style-type: none"> Replace the batteries. Try to get close to the appliance.

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

Lorem ipsum

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.