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› TRIO Pro Commercial Air Purifier User Manual

Field Controls TRIO PRO

TRIO Pro Commercial Air Purifier User Manual

Model: TRIO PRO | Brand: Field Controls

INTRODUCTION

The Field Controls TRIO Pro Commercial Air Purifier is an advanced air purification system designed to provide superior indoor air quality. It integrates three stages of air treatment: True HEPA filtration, high-intensity UVC lamps, and PRO-Cell toxic gas reduction technology. This manual provides essential information for the safe and efficient operation, maintenance, and troubleshooting of your TRIO Pro unit.

Key features include:

- Cleans air quickly, up to 4,853 Sq. Ft. in 1 Hour.
- Utilizes UVC, PRO-Cell, and H13 HEPA for superior air quality.
- Achieves a Clean Air Delivery Rate (CADR) of 518 ft³ per minute (CFM).
- H13 HEPA filter captures at least 99.97% of 0.3-micron particulates.
- Equipped with 4 powerful UVC lamps for germ reduction.



Figure 1: Front view of the TRIO Pro Commercial Air Purifier, showcasing its sleek, upright design.

IMPORTANT SAFETY INSTRUCTIONS

Please read all instructions carefully before operating the TRIO Pro Air Purifier. Failure to follow these instructions may result in electric shock, fire, or serious injury.

- **Electrical Safety:** Always unplug the unit from the power outlet before cleaning, performing maintenance, or when not in use. Do not operate with a damaged cord or plug.
- **Placement:** Place the unit on a firm, level surface. Ensure adequate clearance around the unit for proper airflow (at least 6 inches from walls or furniture). Do not block air inlets or outlets.
- **Water and Moisture:** Do not use the unit near water or in damp locations. Avoid spilling liquids on the unit.
- **Children and Pets:** Keep the unit out of reach of children and pets. Do not allow them to play with or on the unit.
- **UVC Lamps:** The UVC lamps inside the unit emit ultraviolet light. Do not attempt to open the unit or look directly at the UVC lamps when they are illuminated, as this can cause eye and skin damage.
- **Maintenance:** Only perform maintenance as described in this manual. Refer all other servicing to qualified service personnel.

SETUP AND INSTALLATION

Follow these steps to set up your TRIO Pro Air Purifier:

1. **Unpacking:** Carefully remove the unit from its packaging. Retain packaging materials for future storage or transport.
2. **Placement:** Choose a suitable location for the air purifier. For optimal performance, place the unit in the center of the room or an area with good air circulation. Ensure the air inlets (sides) and outlets (top) are not obstructed.
3. **Filter Installation/Verification:** The filters (pre-filter, HEPA, activated carbon, PRO-Cell) and UVC lamps are typically pre-installed. However, it is recommended to open the filter access panels to ensure all protective packaging has been removed from the filters and that they are seated correctly.



Figure 2: Side view of the TRIO Pro with the filter access panel open, revealing the internal filtration system.

4. **Power Connection:** Plug the power cord into a standard electrical outlet. Ensure the outlet meets the voltage requirements specified on the unit's rating label.

The TRIO Pro features an intuitive control panel located on the top of the unit.



Figure 3: Close-up view of the TRIO Pro's top-mounted control panel, showing various function buttons and indicators.

Control Panel Overview:

- **Power Button (⏻):** Press to turn the unit ON or OFF.
- **Fan Speed Button (⬆️⬇️⬆️):** Cycles through different fan speed settings (e.g., Low, Medium, High, Turbo). Corresponding indicator lights will illuminate.
- **Auto Mode Button (A):** Activates or deactivates Auto Mode. In Auto Mode, the unit automatically adjusts fan speed based on detected air quality.
- **UVC Lamp Indicator:** Indicates the status of the UVC lamps.
- **Filter Reset Indicator:** Illuminates when it's time to replace filters.
- **Digital Display:** Shows current air quality readings or other operational information.

Basic Operation:

1. **Power On:** Press the Power Button (⏻). The unit will start operating, typically in a default mode or the last used setting.
2. **Adjust Fan Speed:** Press the Fan Speed Button (⬆️⬇️⬆️) repeatedly to select your desired fan speed. Higher speeds provide faster air purification but may generate more noise.
3. **Activate Auto Mode:** Press the Auto Mode Button (A) to engage Auto Mode. The unit will then intelligently manage its operation based on real-time air quality.
4. **Power Off:** Press the Power Button (⏻) again to turn off the unit.

Regular maintenance ensures optimal performance and extends the lifespan of your TRIO Pro Air Purifier. Always unplug the unit before performing any maintenance.

Filter Replacement:

The TRIO Pro utilizes a multi-stage filtration system including pre-filters, H13 HEPA filters, activated carbon filters, and PRO-Cell technology, along with UVC lamps. The filter reset indicator on the control panel will signal when filter replacement is due.

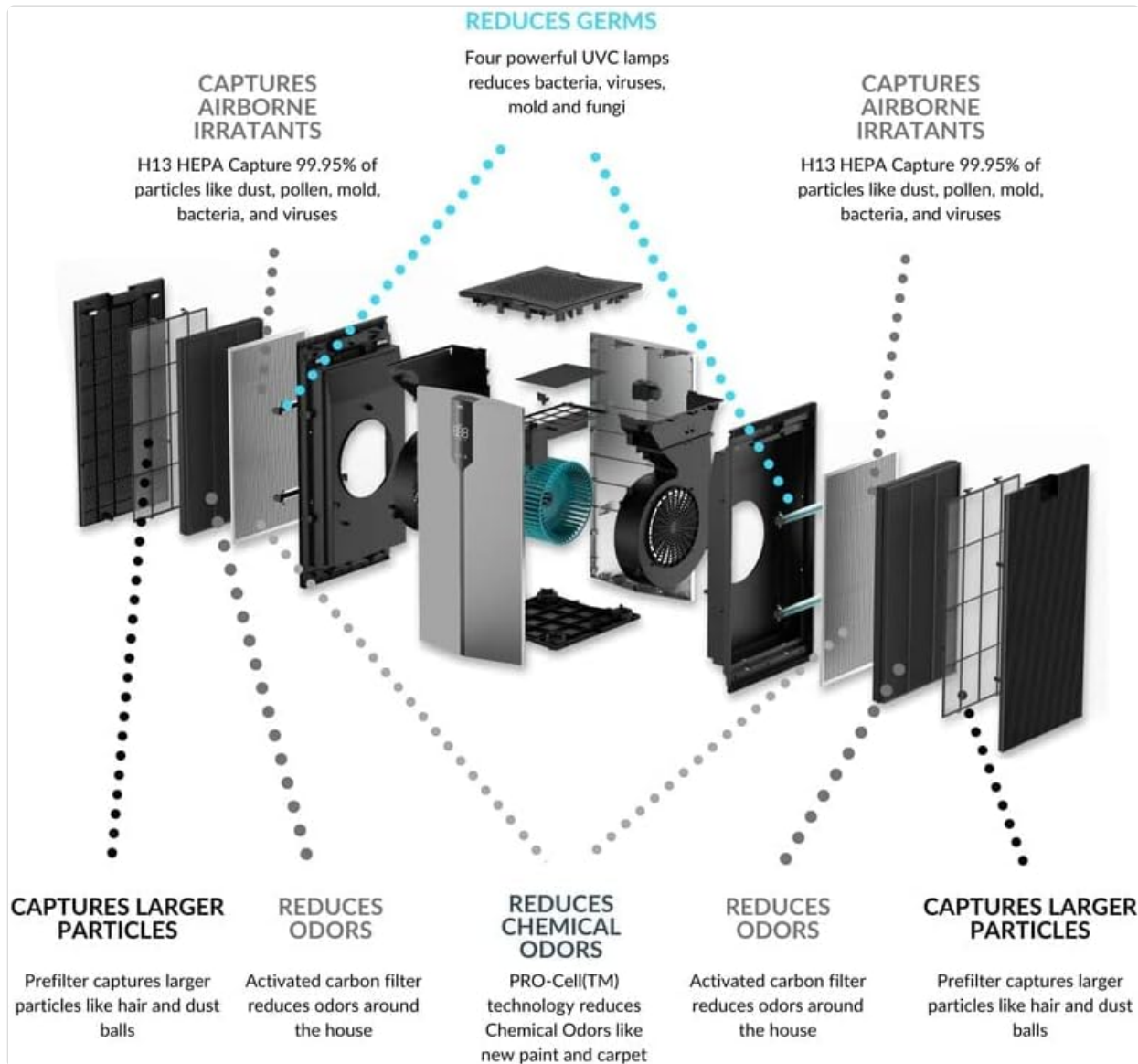


Figure 4: Exploded diagram illustrating the various filtration components and their order within the TRIO Pro system.

1. **Power Off and Unplug:** Ensure the unit is turned off and unplugged from the power outlet.
2. **Access Filters:** Locate and open the filter access panels on the sides of the unit.
3. **Remove Old Filters:** Carefully remove the used filters. Dispose of them according to local regulations.
4. **Install New Filters:** Insert new genuine Field Controls replacement filters, ensuring they are correctly oriented and seated.
5. **UVC Lamp Replacement:** If replacing UVC lamps, follow the specific instructions provided with the replacement lamps. Avoid touching the glass part of the lamps directly.



Figure 5: Internal view of the TRIO Pro, highlighting the UVC lamps and the central fan component.

6. **Close Panels:** Securely close the filter access panels.
7. **Reset Filter Indicator:** Plug the unit back in. Press and hold the Filter Reset button (or follow specific instructions in the full manual if not a dedicated button) until the indicator light turns off, signaling the reset.

Cleaning the Unit:

- Wipe the exterior of the unit with a soft, damp cloth. Do not use abrasive cleaners or solvents.
- Gently vacuum the air inlets and outlets to remove dust accumulation.

TROUBLESHOOTING

If you encounter issues with your TRIO Pro Air Purifier, refer to the table below for common problems and solutions.

Problem	Possible Cause	Solution
Unit does not turn on.	No power; power cord not securely plugged in.	Ensure the unit is plugged into a live outlet. Check the power cord connection.
Low airflow.	Clogged filters; air inlets/outlets blocked.	Check and replace filters if necessary. Ensure no obstructions around the unit.
Unusual noise.	Loose filter; foreign object inside; unit not on a level surface.	Check filter seating. Turn off and unplug the unit, inspect for foreign objects. Place on a stable, level surface.
Filter reset light remains on after filter change.	Filter indicator not reset.	Refer to "Reset Filter Indicator" in the Maintenance section.

If the problem persists after trying these solutions, please contact Field Controls customer support.

SPECIFICATIONS

Attribute	Detail
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Attribute	Detail
Product Dimensions	30 x 15 x 19 inches
Item Weight	46.3 Pounds
Model Number	TRIO PRO
Brand	Field Controls
Specification Met	AHAM Certified
Controller Type	Button Control
UPC	090747955107
Clean Air Delivery Rate (CADR)	518 ft³ per min (CFM)
Filtration Type	H13 HEPA, UVC, PRO-Cell
Coverage Area	Up to 4,853 sq. ft. in 1 hour

WARRANTY AND SUPPORT

For detailed warranty information, please refer to the warranty card included with your product or visit the official Field Controls website. Protection plans are available for extended coverage.

If you require technical assistance, have questions about your product, or need to order replacement parts, please contact Field Controls Customer Support. You can often find contact information on the manufacturer's website or through the retailer where you purchased the product.

Online Resources: For additional information and resources, you may visit the official Field Controls store on Amazon: [Field Controls Store](#).

MEDIA INFORMATION

Based on the provided product data, there are no official product videos from the seller available for embedding in this manual.

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ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

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After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question