

# TRIO 3-IN-1 Air Cleaning System



The **TRIO 3-in-1 Air Cleaning System** delivers a three-stage defense against airborne contaminants combining high-efficiency filtration, UVC purification, and PRO-Cell™ technology for comprehensive indoor air quality improvement.

Designed for seamless HVAC integration, TRIO ensures cleaner, healthier air in homes and businesses.

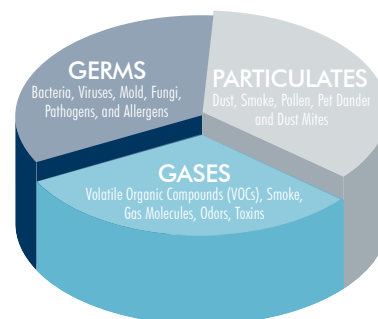
## TRIO Defends Against Respiratory Issues

TRIO effectively targets and tackles all types of airborne triggers.

**35%** of allergic reactions are due to Particulates: **TRIO - Filtration**

**34%** of allergic reactions are due to Germs: **TRIO - UV**

**31%** of allergic reactions are due to VOCs: **TRIO - PCO**



## Features

- **Powerful UVC:** High-intensity germicidal purification
- **PRO-Cell™ Technology:** Reduces odors and VOCs
- **MERV 13 Filtration:** Captures fine particles
- **HeavySeal™ Design:** Ensures airtight performance
- **Three-Stage Purification:** Multi-layered air treatment for optimal results
- **Superior performance:** Advanced technology for peak efficiency
- **EquipFit™ Cabinet:** Seamless integration with existing systems
- **Zero Ozone:** No harmful byproducts
- **Warranty:** 10-year limited (lamp: 90 days)



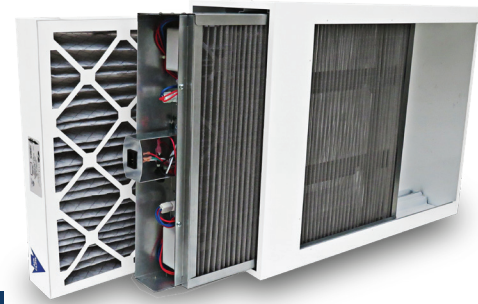
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# How It Works

Our MERV 13 media air filter cartridge captures particles as small as 0.3 microns, including mold, bacteria, dust, dander, and pollen. Next, the air undergoes treatment in a UVC lamp zone powered by two high-efficiency UVC lamps, effectively reducing airborne germs, bacteria, viruses, mold, and fungi\*. Finally, our patented PRO-Cell™ technology and exclusive Photo-Reactive Oxidation process transform odors and VOCs into harmless water vapor and carbon dioxide, ensuring a cleaner and healthier indoor environment for you and your family.

## What Are VOCs

Volatile Organic Compound (VOCs) pose a significant threat to our health, often associated with toxicity and potential carcinogenicity. Common sources are household cleaners, furniture, and building materials. VOCs are released into the air we breathe, raising concerns about indoor air quality.



## UVC Reduction of Viruses and Germs

High-intensity UVC light brings the powerful air treatment capabilities of sunlight into the home, rapidly targeting and reducing airborne bacteria, viruses, mold, and fungi. This revolutionary indoor technology provides peace of mind and ensuring clean, safe living spaces.

## Revolutionizing Home Air Quality

Experience a groundbreaking leap in whole house air treatment with the TRIO 3-in-1 Air Cleaning System. Rigorous testing data demonstrated that TRIO's patented technology surpasses the performance of any other air cleaner available in the market. The TRIO, featuring a low pressure drop and ozone-free design, seamlessly integrates with your HVAC system to create a thorough air treatment solution, protecting you and your family.

TRIO 3-IN1- IN-DUCT AIR CLEANING SYSTEM MODELS							
Model	Sizing (tons)	MERV 13 Nano-Carbon Filtration	Bacterial Reduction	Reduction Toxic Gases (VOCs)	Lamp Wattage (per lamp)	Pressure Drop (in WC)	
TRIO-16	1.5 to 3.0	Yes	Yes	Yes	30	.125 @ 800 cfm	.125 @ 1200 cfm
TRIO-20	1.5 to 3.0	Yes	Yes	Yes	30	.18 @ 1200 cfm	.30 @ 1600 cfm

\* Demonstrated a >99% reduction of virus MS-2 bacteriophage in less than 10 minutes, >99% reduction of bacterium Staphylococcus aureus in less than 5 minutes, and >80% reduction of fungi Aspergillus Niger in 60 minutes.

