

Airmaster O₃

- Reduces airborne contaminants
- Helps eliminate household odors
- Leaves your air fresh and clean

Your family will breathe easier with help from the Airmaster O₃.

EPA studies indicate that air quality in the average home can be 4 to 40 times as dirty as the air outside. When you think about all the time your family spends indoors, doesn't it make sense to give them the best quality air you can?

RainSoft now offers the Airmaster O₃, an air purification system that cleans and freshens the air throughout your entire home, using natural, light-based processes—ultraviolet (UV) and ozone. The Airmaster O₃ reduces odors from pets, cooking and other household sources, leaving behind fresh, clean air. It also reduces many common airborne bacteria and viruses.



How Does the Airmaster O₃ Work?

Installation. The Airmaster O₃ is installed in the cold air return duct in your home's heating/cooling unit. The compact system works using two safe and time-tested technologies, UV light and ozone.

UV Purification. Air passes through the light of the UV lamp, where many bacteria and viruses (pollutants that contribute to household allergies) are killed.

Ozone Purification. The air then passes by a specially designed lamp that produces a very small, controlled amount of ozone. Ozone is a strong oxidizer that takes out problem odors from cooking, pets and other sources, leaving behind fresher, cleaner air.

Continuous Air Quality. Whenever your heating/cooling system is on, the Airmaster O₃ works silently and continuously, leaving fresher, cleaner air throughout your home.

Low Maintenance. The only maintenance the Airmaster O₃ requires is periodically changing the UV and ozone lamps, a service that your RainSoft dealer will perform for you.

RainSoft[®]

Water Treatment Systems
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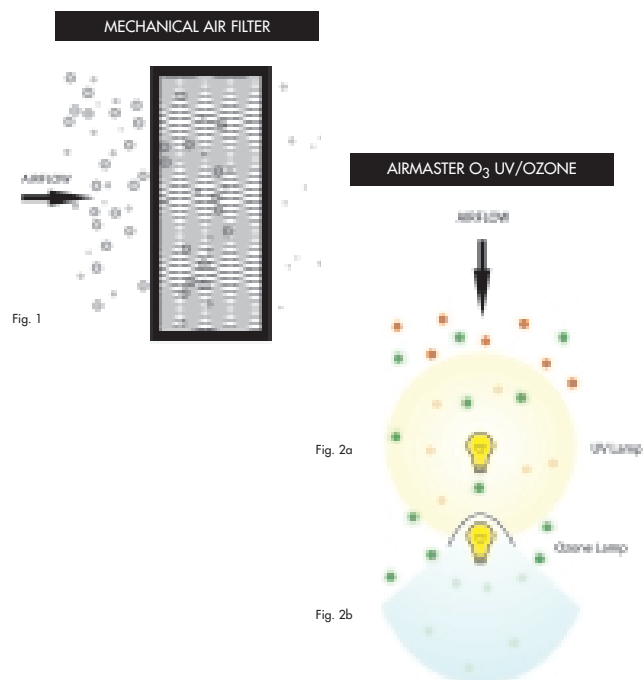
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Understanding Air Purification

You may be familiar with air filtration products, but the Airmaster O₃ is actually an air purifier. The diagrams below help explain the difference. Air filters are also called “mechanical filters.” They work by trapping particles that are too large to pass through (Fig. 1). They collect larger particles, but may not be as effective for many smaller particles. The filters must be changed on a regular basis, as they fill up with the collected debris (much like the bag on a vacuum cleaner).



Air purifiers, on the other hand, actually sterilize or kill most contaminants. Both UV and ozone are purification methods. In the Airmaster O₃, when air passes through the UV light zone (Fig. 2a), most airborne bacteria and viruses are killed. From there the air passes by the ozone lamp (Fig. 2b), where remaining odors are neutralized. The process happens continuously and silently as your furnace runs, and there are no messy filters to change.

Technical Specifications

- Airmaster O₃ Ozone/UV Air Purifier with adjustable ozone output from .025 to .100 grams per hour—to handle heavier contamination demands, including odor control.
- Height (including lamp): 15.5"
- Length: 9"
- Width: 4"
- Unit weight: 2.6 lbs.
- Shipping weight: 7 lbs.
- Electrical requirements: 120 VAC/60 Hz
- Power consumption: 47 watts

Features

- Uses special nonfilament UV lamps—more than three times the life of a standard filament lamp.
- Uses less power than a standard light bulb—draws only 47 watts of power.
- Automatic airflow sensor allows the unit to operate only when air is flowing.
- Plugs into any standard 120 VAC outlet.
- Operational status is easily determined at a glance with the LED indicators.

AIRMASTER_Q
by RainSoft

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