

LIFEBREATH® TFP 3000 HEPA

Indoor Air Systems AIR CLEANERS



TFP 3000 HEPA

TFP 3000 HEPA-RTO

BREATHE EASY WITH TFP 3000 HEPA & TFP 3000 HEPA-RTO

Revolutionizing home air cleaning, combining two particle capture technologies to ensure clean, healthy air throughout your home.

Contaminated supply air



INDOOR AIR QUALITY

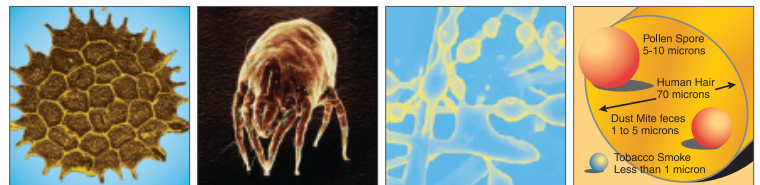
The air in your home is loaded with pollen, dust, pet dander, dust mites and their droppings, plus many other health - threatening particles. In today's tighter built, better insulated homes, poor air quality can be compounded with gaseous pollutants, odors and humidity that result in mold and mildew, putting your family's health at risk.

CHRONIC RESPIRATORY DISORDERS

Some of these particles trigger life-long allergies, some are carcinogenic, and all put an extra burden on the body's immune system. Small particles lodge in the lining of the lungs and contribute to higher levels of chronic respiratory disorders.

TFP 3000 HEPA REMOVES EVEN SUB-MICROSCOPIC PARTICLES

You'll get maximum benefit from your TFP 3000 HEPA & TFP 3000 HEPA-RTO if it runs continuously. A timer can be used to save energy if the house is left empty for extended periods.



Large-size Particles

Pollen Spore
5-100 microns

Mid-size Particles

Dust Mite feces
.3-10 microns

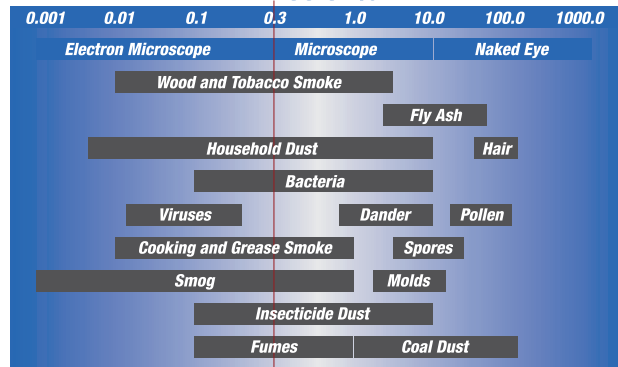
Sub-microscopic Particles

Household Dust
.001 - 10 microns

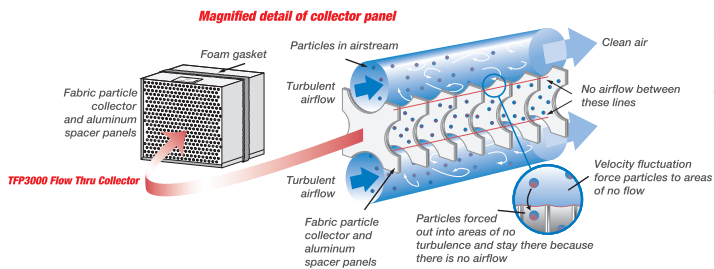
Relative Particle Size

Particles are measured in microns. A human hair is about 50 to 100 microns in diameter.

HEPA 99.97%



The TFP (Turbulent Flow Precipitation) Principle



In the **TFP 3000 HEPA & TFP 3000 HEPA-RTO**, the walls of the internal airway through which dirty air passes are made of a fabric which traps particles out of the airstream. The result is a high rate of removal of even the smallest particles, with no loading of the primary TFP cartridge to obstruct airflow.

The **TFP 3000 HEPA & TFP 3000 HEPA-RTO**, stops 99.97% of all particles such as pollen and fungus spores, cigarette carcinogens and carbons, pet dander, dust mite feces, molds and bacteria as small as 0.3 microns in size.

5 reasons why the **TFP 3000 HEPA & TFP 3000 HEPA-RTO** will give you greater long-term protection than any other type of whole house residential air cleaner...

1. The **TFP 3000 HEPA & TFP 3000 HEPA-RTO** remove health-threatening particles from the air far more effectively than other residential air cleaners.
2. Lowest maintenance air cleaner available. Check-up required only once a year.
3. It cleans the air throughout your home benefitting everyone in the family, all the time.
4. It allows air to circulate freely without putting any extra load on your air distribution system.
5. Unlike electronic air cleaners, Lifebreath does not generate any poisonous ozone which attacks your lungs.

CLEAN AIR WITH THE LIFEBREATH TFP 3000 HEPA

The **TFP 3000 HEPA & TFP 3000 HEPA-RTO** forms part of an excellent strategy for improving indoor air quality (IAQ). To achieve best results three steps are essential:

1. Elimination (remove pollutant causing items with a Lifebreath TFP).
2. Ventilation (introduce fresh air with a Lifebreath HRV or ERV).
3. Filtration (clean the air with a Lifebreath TFP ultimate air cleaner).

LIFEBREATH TFP 3000 HEPA & TFP 3000 HEPA-RTO FAQs

Will it work in any kind of home?

The **TFP 3000 HEPA & TFP 3000 HEPA-RTO** works with all central air heating/cooling systems.

Will it affect the performance of my air distribution system?

No, the **TFP 3000 HEPA & TFP 3000 HEPA-RTO** is self-powered, and is normally installed in a bypass configuration.

How can a by-pass system clean all the air in the house?

In an average 2500 sq. ft. home, all the air passes through the furnace 4.5 times every hour. With Lifebreath in a bypass configuration, drawing off 10% of the air continuously, 45% of the air will be cleaned every hour. Depending on the condition of the home, all the air will pass through the **TFP 3000 HEPA & TFP 3000 HEPA-RTO** 10 times every 24 hours.

Does it have to run continuously to keep the air clean?

You'll get the maximum benefit from your **TFP 3000 HEPA & TFP 3000 HEPA-RTO** if it runs continuously. A timer can be used to save energy if the house is left empty for extended periods.

Will I still need filters in my furnace?

Yes, as they help keep your furnace free of dust and dirt and by intercepting large particles they reduce the load on the **TFP 3000 HEPA & TFP 3000 HEPA-RTO**. This helps it to do what it does best – trap the very small particles that pass through the furnace filter.

How much maintenance is needed?

We recommend an annual check-up to make sure the fan and motor are in good operating condition. The collectors and HEPA filters should be checked and replaced as necessary. No cleanout is needed. Unlike other air cleaners, the **TFP 3000 HEPA & TFP 3000 HEPA-RTO**, need less maintenance.

Will we dust and vacuum less often?

The **TFP 3000 HEPA & TFP 3000 HEPA-RTO** removes almost 100% of the larger particles circulating in the air, and that will make a distinct difference to the amount of visible dust in the home.