

# Indoor Air Quality

**austin**  
Air Purifiers



[www.austinair.com](http://www.austinair.com)

# Indoor Air Quality

## The air we breathe is polluted

IAQ. Three little letters, one huge issue. IAQ is an acronym for a scientific term that did not exist 75 years ago. It stands for Indoor Air Quality.

Indoor Air Quality is one of the most complex health issues confronting every person living and working today. Recent research has found that the quality of air in our homes and offices is often 3 to 5 times worse than the outdoor air. If you stop to consider the amount of time spent indoors, you quickly realize just how big a threat to your health indoor air quality really is.

No matter what your relative state of well-being, breathing clean air is the greatest single health benefit you can afford yourself. There is nothing more important to one's well-being than the body's immune system. Please don't be fooled by where you are living; whether in the countryside or the city, the air inside your space is polluted.

A lot of pollutants can get trapped indoors, affecting the quality of the air we breathe.



# Indoor Air Quality

Toxic substances introduced to your environment go unseen and yet they pose the single greatest threat to your health.

Clean air and the body's immune system are inextricably linked. Breathing clean air affords your immune system the time it needs to rest and rejuvenate.



If you are sleeping or working in a polluted environment, your immune system never gets a chance to rest up. This causes a decrease in the efficiency or performance of your immune system. This in turn can make life pretty miserable. In certain cases it can even become life threatening.

The scientific evidence being generated today links air pollution to conditions you may expect: allergies, chemical sensitivities, fatigue, asthma, bronchitis and the like, but more recently, the medical community has been able to clearly establish a direct link between air pollution and heart attacks.



Choose Austin Air purifiers for a strong immune system and a good night sleep.





# What you can't see...

Do you wake up in the morning feeling tired or having a raspy sensation in your throat?  
Do you find yourself sneezing or coughing?

There is an "air war" going on in your bedroom and here are just some of the elements you are fighting as you sleep.



## Tobacco Smoke

Studies show that second-hand tobacco smoke has potentially fatal consequences, even for non-smokers.



## Pet Allergens

It's not pet hair but rather a protein found in a pet's dander or saliva that poses the greatest threat to a person's well being.



## Mold Spores

This is a leading cause of sick building syndrome, and sick human beings. Mold spores are one of the most underrated threats to personal well-being in the home.



## Dust Mites

One single dust ball can contain as many as 250,000 house dust mites, every one of them provoking allergies and asthma.

# Our filters make

The inside story on clean air.

At the heart of the cleaning process is our filter, which over the last 10 years has been consistently ranked #1 in the world in any number of consumer, and commercial tests.

## Our HealthMate™ Filter



We manufacture 5 different filters; the HealthMate, the Allergy Machine, the Pet Machine, the HealthMate Plus and the Bedroom Machine.

The basic scientific principals involved in all of the Austin Air filters are rooted in the use of activated carbon, True Medical HEPA filtration media, and depending on the filter's purpose, activated carbon or HEGA activated carbon cloth.

By forcing the air through these various filtration mediums our filter removes 99.97% of all air borne particulate matter larger than 0.3 microns, while eliminating over 3,000 toxic gases and odors.

We have added a pre-filter that surrounds the 3-stage filter and this pre-filter helps to significantly extend the life of the 3-stage filter. In order to properly maintain the effectiveness of the filter all you have to do is periodically vacuum the outside of the machine, clearing away the larger and most visible particulate matter ...we call it dust.



# the difference



We use a significant large amount of filtration media in our air cleaners because we have engineered the Austin Air filter to last for up to 5 years.

There are several other features that we have built into all our Austin Air cleaners. These include solid steel construction, a non-toxic, painted finish, a long lasting energy efficient PSC motor and the specially engineered pure air vent, which creates what we call, the Clean Air Pocket.

## Clean air pocket

When you're having trouble breathing, you can't wait even fifteen minutes for the room to clear. The Austin Clean Air Pocket™ is designed to deliver clean air to the breathing zone in fifteen seconds flat, unlike any other technology on the market. You'll be able to breathe a sigh of relief immediately.



A machine for every need, filters that are built to last up to 5 years.

# 400 Series Standard

Designed to clean up to 1,500 square feet\*

The 400 Series Austin air purifiers are our large size residential units. These air purifiers are ideal for the main levels of most residential homes and office spaces.

Every 400 Series air purifier contains 60 square feet of true medical-grade HEPA filtration medium combined with either 15lbs of activated carbon or HEGA activated carbon cloth in addition to large and medium particles filters.



\*Assuming average residential ceiling heights of 8 ft.

## Specifications

Height	Width	Weight	Power Rating	Power Consumption
23"	14.5" x 14.5"	45 Lbs.	1.2 amps 120 volts	147 Watts at highest setting

## Available colors



Sandstone



Black



White



Midnight Blue



# Operating Features

## Standard Unit



**Designed to clean up to 1,500 square feet\***

\*Assuming average residential ceiling heights of 8 ft.

The water-based paint is baked on to ensure that the units don't off-gas and our filters are designed to last up to 5 years.

# HealthMate

## HM400



A high-performance workhorse air purifier at an economical price point. This model is ideal for those suffering from allergies and asthma as well as general air quality concerns inside the home.

The 15lbs of activated carbon/zeolite blend also allows the air purifier to deal with dust, gases, mild odors and chemical removal.

Effectively cleans areas up to 1,500 square feet.\*

\*Assuming average residential ceiling heights of 8 ft.

### Best at removing



Bacteria



Viruses



Pollen



Odors



Mold Spores

### Available colors



Sandstone



Black



White



Midnight Blue

# The Allergy Machine

## HM405



Ideal for use in humid environments such as a damp basement due to its HEGA activated carbon cloth.

This specialized material was developed for the British military for use in their chemical gas masks. Efficient and less likely to become saturated in such a setting compared to regular granulated carbon, eliminating allergens & chemicals.

Effectively cleans areas up to 1,500 square feet.\*

\*Assuming average residential ceiling heights of 8 ft.

### Best suited for



Smoke



Damp  
Environments



Woodfire  
Smoke

### Available colors



Sandstone



Black



White



Midnight Blue



# The **PET** Machine



## HM410

This air purifier is the best choice for those wanting to filter pet dander and bird dust from the air. This unit's other forte is its ability to deal with pet related odors.

Its uniquely blended carbon and special additive allow this unit to control pet odors, especially sulfuric acid and ammonia.

Effectively cleans areas up to 1,500 square feet.\*

\*Assuming average residential ceiling heights of 8 ft.

### Removes



Pet Dander



Odors



Pet Related  
Smells



Bird  
Dust



Organic  
Smells

### Available colors



Sandstone



Black



White



Midnight Blue

# Healthmate Plus HM450



This unit is similar to the HM400 model with the addition of potassium iodide in the carbon portion of the filter. The additive allows the HM450 to better absorb chemicals and VOCs from the air such as formaldehyde.

The perfect choice for those who have moved into a new construction home where there are construction materials that are off-gassing as well as those with air pollution concerns from outside.

Effectively cleans areas up to 1,500 square feet.\*

\*Assuming average residential ceiling heights of 8 ft.

## Removes



Odors



Bacteria



Pollen



Viruses



VOCs



Chemicals



Mold Spores

## Available colors



Sandstone



Black



White



Midnight Blue







# The Bedroom Machine

## HM402



This high-performance air purifier features both 15lbs of activated carbon and zeolite plus HEGA activated carbon cloth as its final level of filtration.

This second layer of filtration essentially scrubs chemicals from the air twice with every air exchange compared to other 400 Series models.

Effectively cleans areas up to 1,500 square feet.\*

\*Assuming average residential ceiling heights of 8 ft.

### Removes



Bacteria



Viruses



Pollen



Chemicals



Mold Spores

### Available colors



Sandstone



Black



White



Midnight Blue

# 200 Series Junior

This more compact version of our Standard units is perfect for small offices or rooms. The space efficiency and lighter weight add to its powerful airflow rate of 125 cubic ft. per minute (at high setting).

Its 360° - degree air intake and a 4 - stage filtration system is proven to trap 99.97% of particles 0.3 microns or larger.

All our units are approved by the Canadian Standards Association (CSA) and the Underwriters Laboratories (UL).



**Designed to clean up to 700 square feet\***

\*Assuming average residential ceiling heights of 8 ft.

## Specifications

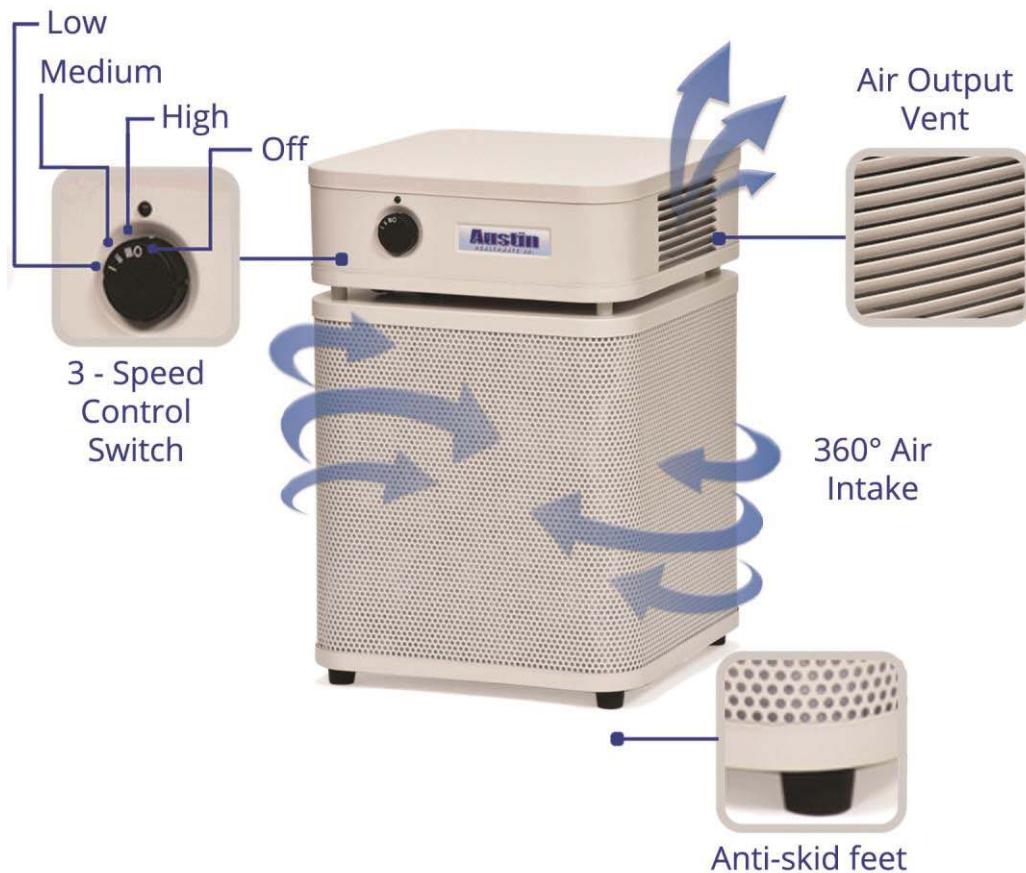
Height 16.5"	Width 11" x 11"	Weight 18 Lbs.	Power Rating 1.2 amps 120 volts	Power Consumption 147 Watts at highest setting
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## Available colors



# Operating Features

## Junior Unit



**Designed to clean up to 700 square feet\***

\*Assuming average residential ceiling heights of 8 ft.

The water-based paint is baked on to ensure that the units don't off-gas and our filters are designed to last up to 5 years.



# Healthmate Jr. HM200



This lighter version of our HealthMate HM400 uses less space with the same benefits, ideal for smaller spaces.

Whether you want fresher air in your home or suffer from asthma and/or allergies, the HealthMate Junior will enhance the air quality without creating new harmful gases.

Counts with a four- stage filtration, our activated carbon/zeolite blend, True Medical HEPA filter media and a 360° - degree air intake. Certified to remove dust, bacteria and odors.

Effectively cleans areas up to 700 square feet.\*

\*Assuming average residential ceiling heights of 8 ft.

## Removes



Bacteria



Viruses



Pollen



Odors



Mold Spores

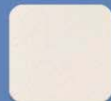
## Available colors



Sandstone



Black



White



Midnight Blue

# The Allergy Machine Jr.

## HM205



This unit works better than other units in humid conditions due to its Activated Military Carbon Cloth.

Proven to remove allergens, asthma triggers, smoke, gases, sub-micron particles, and chemicals. The HM205 is the recommended unit for those who suffer from asthma and allergies.

Effectively cleans areas up to 700 square feet.\*

\*Assuming average residential ceiling heights of 8 ft.

### Best for



Woodfire



Damp  
Environments

### Available colors



Sandstone



Black



White



Midnight Blue

# Baby's Breath™

by Austin Air

## HM205



Designed to protect your baby from environmental threats in this vulnerable stage. The HM205 keeps your baby's room free from dust, ammonia, smoke, pollen chemicals and gases.

This unit is lighter to lift (ideal for expecting mothers) and brings complete protection thanks to both True Medical HEPA and Activated Military Carbon Cloth.

Effectively cleans areas up to 700 square feet.\*

\*Assuming average residential ceiling heights of 8 ft.

### Best suited for



Nurseries



Woodfire



Damped  
Environments

### Available colors



Pink



Blue



# Healthmate Plus Jr.

## HM250



Offers extra protection against odors and viruses. Also certified to eliminate formaldehyde, benzene, wood burning smoke, Volatile Organic Compounds (VOCs).

The HM250 is the perfect ally for those with Multiple Chemical Sensitivities (MCS), bringing relief and clean air. A carbon blend including a mix of potassium iodide and zeolite traps 99.97% of polluting particles down to 0.3 microns.

Effectively cleans areas up to 700 square feet.\*

\*Assuming average residential ceiling heights of 8 ft.

### Removes



Odors



Bacteria



Pollen



Viruses



VOCs



Chemicals



Mold Spores

### Available colors



Sandstone



Black



White



Midnight Blue



# Our commitment

Backed by the best warranty in the industry, you can take pleasure knowing you've made a sound investment in your Austin Air

## 30 Day, Money Back Guarantee

In the unlikely event that you are not completely satisfied with your Austin Air cleaner, return it within 30 days, no questions asked.

## 5 Year Mechanical Warranty

Your Austin Air cleaner is warranted to be free from defects in material and workmanship for a period of 5 years from the date of purchase; provided your Austin Air cleaner was operated under normal residential use and that you have completed and returned your warranty registration to Austin Air Systems.

## 5 Year, Pro – Rated Filter Warranty

Austin Air offers a 5 year, pro – rated filter warranty; the most comprehensive in the industry. No more costly filter replacements every few months or even years. Austin Air filters are designed to last up to 5 years, under normal residential use.



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[www.austinair.com](http://www.austinair.com)



# 5 Year Mechanical Warranty

Your Austin Air cleaner is warranted to be free from defects in material and workmanship under normal residential use for 5 – years from the date of purchase.

In the event of a malfunction or failure, please call Austin Air Systems to speak to a Customer Service Representative and ask for a Return Authorization Number. Your Austin Air cleaner should be sent insured and packaged with sufficient protection and postage together with a copy of the original bill of sale.

If the malfunction or failure is a result of defects covered by this warranty, Austin Air Systems will, as its option repair or replace the air cleaner and return it to the purchaser.

This warranty is limited to the original retail purchaser and is not transferable. The warranty does not cover damage due to accidents, abuse, tampering or misuse, nor does it cover damage resulting from service by persons other than an Authorized Austin Air Systems Representative.



# 5 Year Mechanical Warranty

Austin Air Systems, Limited's liability under this warranty is limited to the repair or replacement of a defective Austin Air cleaner with the exception of damages resulting from Austin Air Systems, Limited failure to comply with federal or state warranty law.

Austin Air Systems, Limited shall not be liable for incidental or consequential damages whether direct or indirect. The replacement filters are covered under a separate pro - rated warranty.

This warranty is expressly granted in lieu of all other warranties, which in some states cannot be excluded. There are no warranties, which extend beyond the description of the face hereof and no person, representative, or firm is authorized to commit Austin Air Systems, Limited to further liability or obligation.

If you have any questions concerning the use and care of Austin Air Systems, Limited's products or services under this warranty, please contact us.



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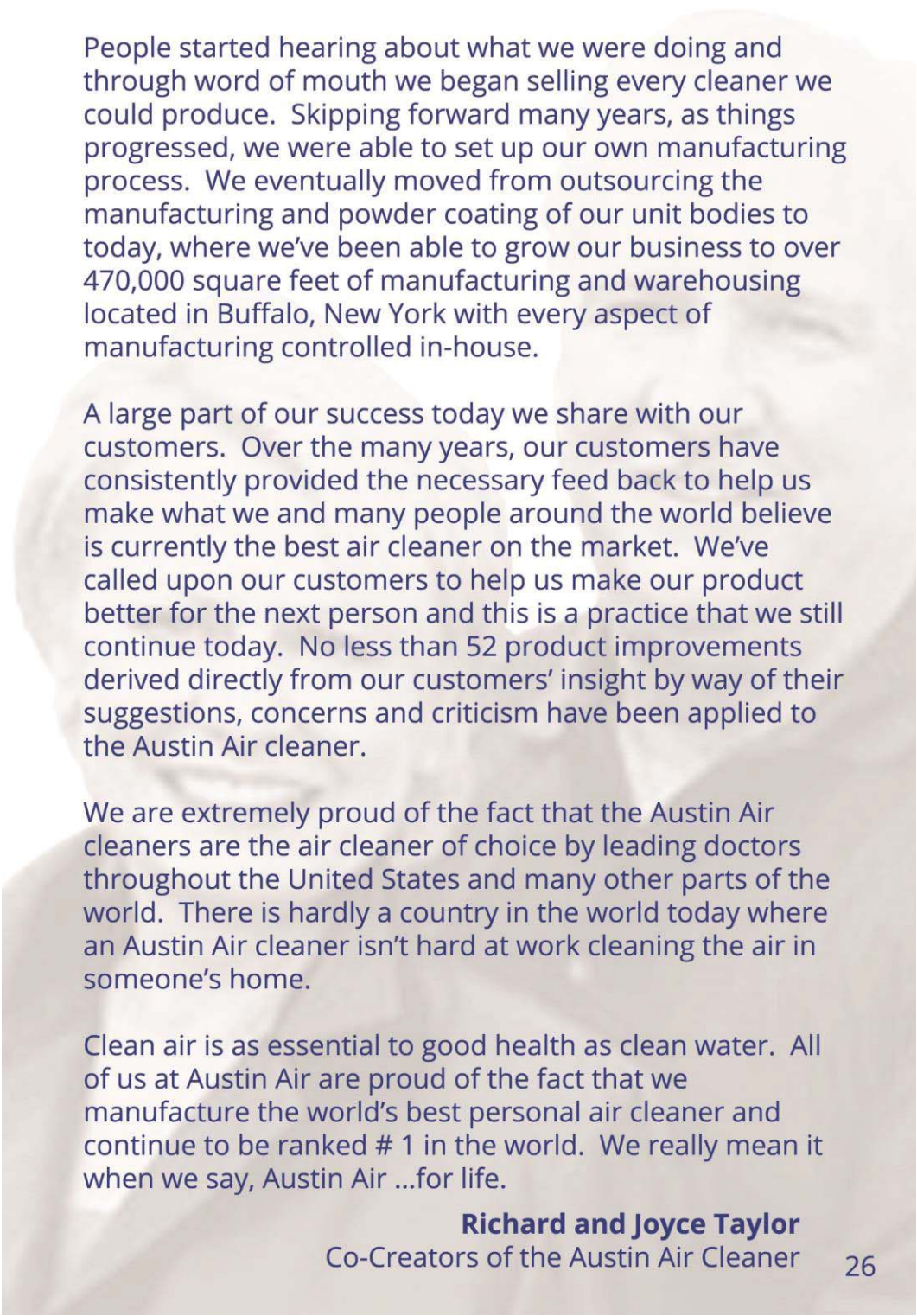
# Our story

As the creators of Austin Air, we find ourselves looking back on our history and feel quite proud for all the people that we've been able to help over the years. After 30 years in business, we are still true to our mission of helping people.

We began this journey by way of necessity, my wife Joyce had severe breathing problems. We tried everything; doctors, diets, medication – nothing seemed to help. The sole real relief we found was only available in what's called a "clean room" found in hospitals. Like most people, this was not a practical or financially viable option for Joyce to spend every night at the hospital, let alone the effect it started to have on our relationship. We knew we had to do something that could replicate the clean room environment at our home. We set out together to create something that we hoped would help Joyce. Drawing upon the technology used in the hospital "clean rooms", we produced many prototype filters. Finally, after nearly a year and dozens of prototypes, we created something that started to work for Joyce - True Medical Grade HEPA filter paper. We found that if we surrounded this with granulated carbon we addressed the issues related to environmental toxicity – chemicals and odours. We then surrounded all of this with a large particle pre-filter. As Joyce's health began to improve, we realized that not only had we found a solution that worked for our family, but we had created something that could vastly improve the health of other families as well.

In those early days of production, we were not in a position to mass produce what would later become Austin Air cleaners – it was more like fifty at a time. Joyce and I working together to assemble each unit and build each filter.





People started hearing about what we were doing and through word of mouth we began selling every cleaner we could produce. Skipping forward many years, as things progressed, we were able to set up our own manufacturing process. We eventually moved from outsourcing the manufacturing and powder coating of our unit bodies to today, where we've been able to grow our business to over 470,000 square feet of manufacturing and warehousing located in Buffalo, New York with every aspect of manufacturing controlled in-house.

A large part of our success today we share with our customers. Over the many years, our customers have consistently provided the necessary feed back to help us make what we and many people around the world believe is currently the best air cleaner on the market. We've called upon our customers to help us make our product better for the next person and this is a practice that we still continue today. No less than 52 product improvements derived directly from our customers' insight by way of their suggestions, concerns and criticism have been applied to the Austin Air cleaner.

We are extremely proud of the fact that the Austin Air cleaners are the air cleaner of choice by leading doctors throughout the United States and many other parts of the world. There is hardly a country in the world today where an Austin Air cleaner isn't hard at work cleaning the air in someone's home.

Clean air is as essential to good health as clean water. All of us at Austin Air are proud of the fact that we manufacture the world's best personal air cleaner and continue to be ranked # 1 in the world. We really mean it when we say, Austin Air ...for life.

**Richard and Joyce Taylor**  
Co-Creators of the Austin Air Cleaner