

Pro Series Air Cleaner

Longhi Air 



Danish Design 

PURE AIR FOR
BETTER LIFE

Confidence in taking a deep breath

WHAT IS AIR POLLUTION?

Air pollution refers to the presence of harmful substances in the air, caused by both human activities and natural processes. Pollutants, including gases, particulate matter, and toxic chemicals, can have detrimental effects on human health. These pollutants originate from various outdoor sources, such as wood fires, volcanic emissions, combustion processes in vehicles, industrial emissions, power plants, and dust. Indoor pollutants arise from sources like building materials, furniture, cleaning products, paints, personal care products, cooking activities, smoking, pet dander, dust mites, stoves, and fireplaces.

Air pollution is considered the world's biggest environmental threat to human health, and accounts for 7 million premature deaths each year. Pollutants accumulate indoors where the air can be many times more polluted than outdoor air. Almost all (99%) of the global population breathe unhealthy air that enters the lungs, and spread to the bloodstream, affecting our bodies and our health. [Source: World Health Organization]

LONGHI AIR

There are many air cleaners and air purifiers on the market – but they are not all the same. Longhi Air produces high capacity, high quality professional air cleaners based on over 20 years of air cleaning experience. We are proud to say that our air cleaners are “probably the most beautiful air cleaners in the world”.

Advantages:

HIGH QUALITY PRODUCT	HIGH QUALITY MECHANICAL FILTER TECHNOLOGY	POWERFUL & ENERGY-EFFICIENT FAN
VERY HIGH CLEANING RATE & CAPACITY	AIR QUALITY MONITORING	ADVANCED DATA COLLECTION
BEAUTIFUL DESIGN, 360° AIR INTAKE	NO POTENTIAL SIDE EFFECTS	EFFECTIVELY REMOVE BACTERIA, VIRUSES, VOC


DANISH DESIGN & INNOVATION


The design speaks for itself, and all the components and materials utilized are extremely durable and of excellent quality. The core air cleaner is made of powder coated laser cut aluminum, and the aluminum profiles are available in two exclusive wood veneers or in two different powder coated colors.


All Longhi Air Pro Series are moveable with lockable wheels. The design ensures perfect 360-degree air intake, making it ideal for installation elsewhere than against a wall. This is beneficial because the air cleaner may be positioned in the center of a room, allowing air to enter from all sides.


Diseases Due to Air Pollution


SHORT TERM EFFECTS

 ALLERGIES


 NOSE, THROAT, EYES INFLAMMATION


 HEADACHE


 COUGHING, PAINFUL BREATHING


 PNEUMONIA, BRONCHITIS


LONG TERM EFFECTS


 DEMENTIA


 PREMATURE BIRTH


 DIABETES

 HEADACHE, ANXIETY

 STROKE

 CARDIOVASCULAR DISEASE

 IMPACT ON LIVER, SPLEEN, BLOOD

 RESPIRATORY DISEASE (ASTHMA, CANCER)

FILTER

Longhi Air offers a variety of filter types (pre-filters as well as main filters). Each filter is individually documented and tested to ensure the highest possible quality of our products. We strive to meet the needs of our customers by carefully considering their preferences and requirements when selecting the appropriate filter.



HOW IT WORKS

1. FAN

Designed to effectively move a large volume of air. The powerful and efficient fan creates a high static air pressure over the filter, allowing a large airflow through it. The fan is power efficient, which results in lower energy costs over time. Furthermore, the high-quality fan is designed for a long lifetime, providing reliable and durable air cleaning.

2. PRE-FILTER

The air travels through the pre-filter, which catches and trap larger airborne particles and dust. The pre-filter serves as a protective layer for the main filter.

3. MAIN FILTER

As air flows through the filter, particles are captured and prevented from passing through. Depending on the filter type, our main filter can eliminate as much as 99.99% of all particles in the air such as bacteria, fungi, airborne viruses (e.g. COVID-19), and effectively removes a wide range of contaminants including particulate matter (fine particles), dust, pollen, mold, pet dander, bacteria, viruses, dust mites, smoke, and cooking odors.

4. CLEAN AIR

Independent 3rd-party measurements documents that the Longhi Air Pro Series has a Clean Air Delivery Rate (CADR) of 1600 m³/hour to 1800 m³/hour, which is significantly higher compared to other air cleaners available in the market.

NO POTENTIAL SIDE EFFECTS

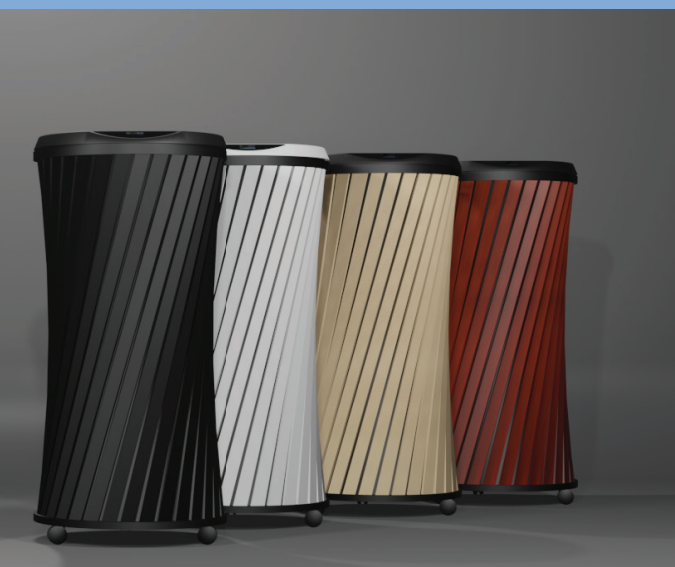
The high-quality mechanical filter and powerful fan technology, with high power efficiency, guarantee that there are no potential side effects compared to products that, for example, generate ozone.

ADVANCED CONTROL

Longhi Air Pro Series has the capability to be connected (Wi-Fi) to either local private networks or to the internet. This combination with the sensors in each air cleaner introduces some advanced possibilities e.g. controlled by app and browser, also from a centralized computer – either manually, by timers or external systems.

DATA COLLECTION

An innovative data collection tools can be used to document the effectiveness of our air cleaners in various scenario to ensure high air quality for e.g. employees or guests.



SPECIAL OFFER

Longhi Air Pro Series is available as a service offering to guarantee constant optimized air quality. The service offering includes installation, service, filters, and a lifetime product guarantee. With this option, the customer does not need to worry about maintenance, cleaning, filters, etc.

We also offer a leasing agreement (1, 2, or 3 years) after which the air cleaner product can be purchased for a low price.

Customized product colors are available as an option.

Longhi Air can document the benefit of our air cleaners by collecting real time data before and after the air cleaner is installed.

With our innovative design, the best air cleaning technology and commitment to high technical quality, we strive to help you create a clean, and odorless environment.

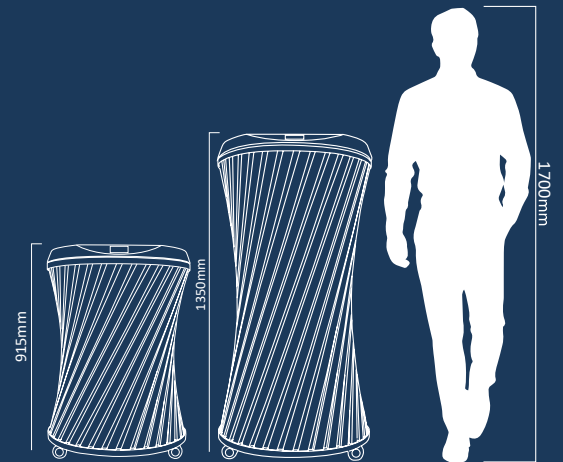
Let us help you breathe better and live better.



CUSTOMER SERVICE

We work closely together with our customers to ensure optimal selection of products. Our customer service team focuses on assisting customer in selecting the correct filter types and product solutions to meet their specific needs. We are also able to provide air quality measurement services with documented result.

SIZE & DIMENSION	LonghiAir P44	LonghiAir P88
Dimension (Ø x H)	650 mm x 915 mm	650 mm x 1350 mm
Weight	≈ 41 kg/90 lbs	≈ 50 kg/110 lbs
CADR	1600 m ³ /h (AHAM Standard) Suitable for room size up to 150 m ²	1800 m ³ /h (AHAM Standard) Suitable for room size up to 180 m ²
TECHNICAL INFORMATION LonghiAir P44 & P88		
Installation	Movable unit with 3m power cable	
Performance Levels	5 Preset levels with auto mode	
Control	Touch display or control via Wi-Fi	
Sound Level	30 dB(A) – 68 dB(A)	
Fan Motor	High-Performance energy efficient centrifugal fan	
Power Requirements	220-240V AC, 50Hz (100-120V AC, 50/60Hz Optional)	
Power Consumption	10 W – 510 W	
Filter Efficiency (Certified)	≥ 99.9% for particles ≥ 0.3 micrometer (HEPA13)	
3 rd Party Test	Tested at Danish Technological Institute	
Certification	CE, IEC/EN 60204-1:2006, ISO 9001:2015, ISO 14001:2015	
Pre-Filter	G3 or F7 (EN779:2002)	
Filter Options	HEPA H13, HEPA H13 Combi (with activated carbon) HEPA H14, HEPA H14 Combi (with activated carbon)	
Filter Quality	Individual Quality Control and Test as per DIN EN 1822	



Tested and Certified

The Longhi Air Pro Series is capable of delivering a very large airflow combined with advanced filtering technology. Our air cleaners are continuously tested, approved and certified by established, independent, international institutions regarding level of filtration of gases and particles. All filters are individually tested and documented.



About Longhi Air

Longhi Air provides professional high-quality air cleaners, smoking cabins and activated carbon filters.

We are based in Denmark and have subsidiaries and partners around the world. Our main manufacturing facilities are located in Indonesia.

Longhi Air has more than 20 years of experience in providing clean air solutions.

www.longhi-air.com

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