



Do you breathe clean air?



Blueair Aware
The Intelligent
Air Quality Monitor

Blueair Aware

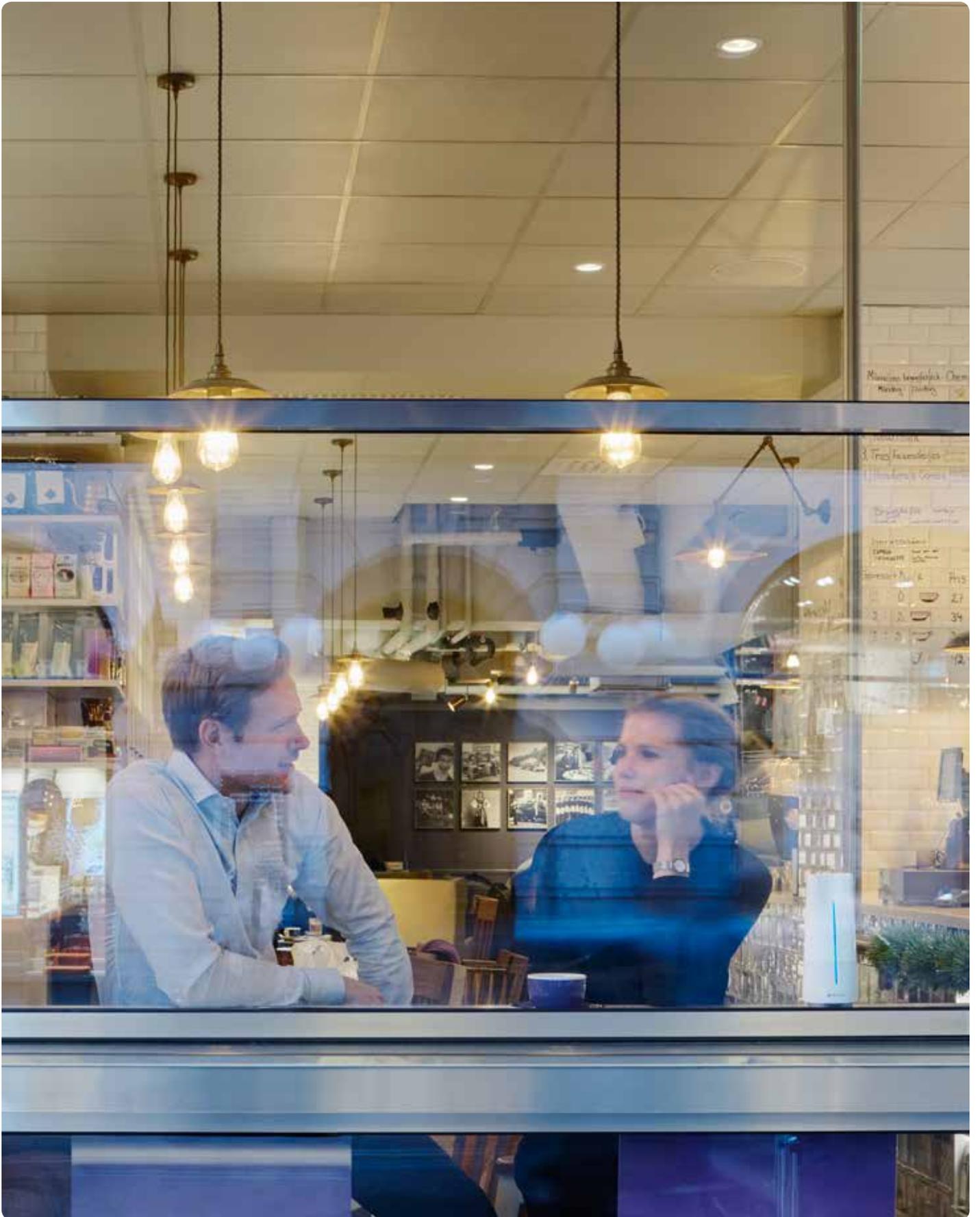
Puts you in control
of the air you breathe



Connect with your clean air

Knowing what's in the air you breathe is vital. With Blueair Aware, you can measure and monitor your indoor air quality. Studies show that indoor air is between two and five times – and sometimes up to 100 times – more polluted than the air outside. And many of us spend up to 90% of our time indoors. How does the air you breathe measure up? Find out and take action to secure your health and well-being.

- Monitors indoor air quality including airborne pollutants such as ultrafine particulate matter (PM2.5), volatile organic compounds (VOCs) and carbon dioxide (CO₂) as well as temperature and humidity
- Sends air quality data, updates and alerts in real time to your smartphone when used with the Blueair Friend app
- Helps you stay in control of your indoor air quality when you use Blueair Aware with the Blueair Friend app



The health risks of breathing bad air

Air pollution, indoors and out, cause health problems. That's why it is important to understand what's in the air so you can make better choices about the air you breathe.

Particulate matter

Particulate matter includes large particles such as dust, pollen, mold, bacteria, viruses, mite feces, pet dander and soot. It also includes fine particles that are 2.5 microns or less in size (PM2.5). Major sources include vehicle exhaust, cooking and smoking.

Health risks: Eye, nose and throat irritation, coughing, wheezing, shortness of breath and long-term health effects such as lung cancer and heart disease.

VOCs

Volatile organic compounds are chemicals, such as formaldehyde and toluene, from common manmade items that are emitted as gases. Major sources include smoking, cooking, paint, plastics, furnishings, cleaning agents and other products.

Health risks: Nausea, vomiting, dizziness and damage to the liver, kidney and central nervous system.

CO₂

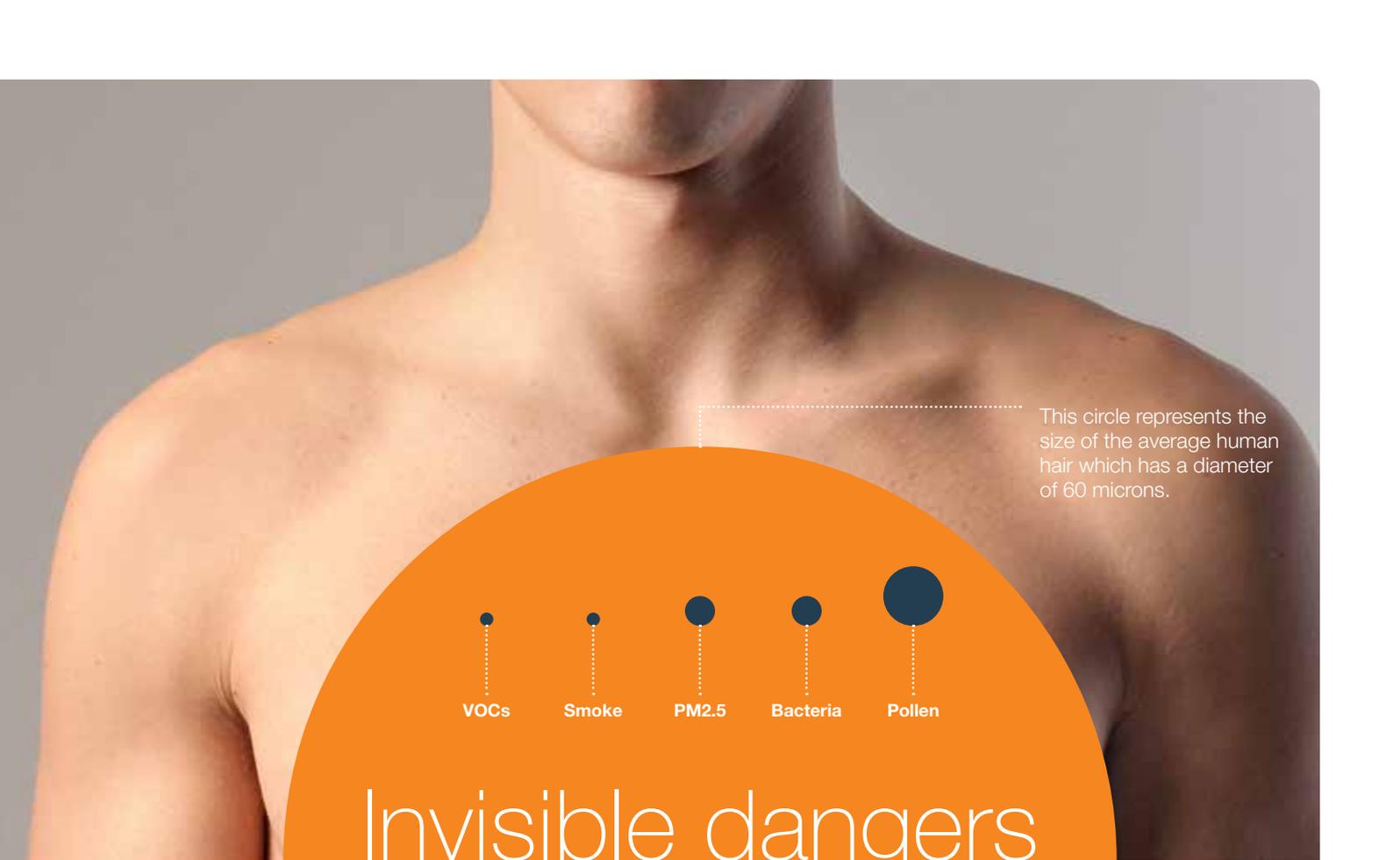
Carbon dioxide is a colorless gas naturally present in the air and part of the carbon cycle. Human activities and industrial processes are changing the carbon cycle outdoors, contributing to climate change. Major sources include vehicle exhaust and fuel combustion.

Health risks: High levels of CO₂ indoors can cause fatigue, dizziness, headaches and difficulties in concentrating.

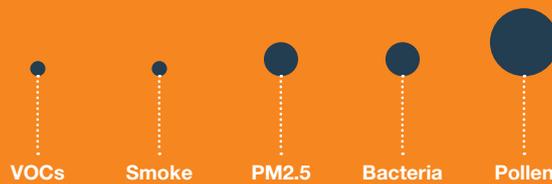
Key facts about air pollution

The World Health Organization (WHO) reports that air pollution is the world's largest single environmental health risk, and that cutting down on air pollution could save millions of lives.

- By minimizing air pollution levels, countries can reduce the burden of disease from stroke, heart disease, lung cancer, and both chronic and acute respiratory diseases, including asthma.
- The lower the levels of air pollution, the better the cardiovascular and respiratory health of the population will be, both long- and short-term.
- Outdoor air pollution in both cities and rural areas was estimated to cause 3.7 million premature deaths worldwide in 2012.
- Nearly 90% of people in urban centers breathe air that fails to meet levels deemed safe.
- In addition to outdoor air pollution, indoor smoke is a serious health risk for some 3 billion people who cook and heat their homes with biomass fuels and coal.
- Indoor air pollution was estimated to cause 4.3 million premature deaths worldwide in 2012, and ranks fourth in terms of the risk factors that contribute to disease and death.



This circle represents the size of the average human hair which has a diameter of 60 microns.



Invisible dangers

Breathing in tiny, unseen pollutants puts you at risk. These pass through your lung tissue and into your bloodstream, circulating through your body and staying there.

Clean indoor air keeps you well



At cafés and restaurants

Breathe better when you're out and about. Consciously choose an establishment that ensures good indoor air quality with Blueair Aware. Then relax and enjoy.



At school

Find out if school air meets air quality guidelines. Blueair Aware can help you get the information you need to keep your child healthy, or to take action.



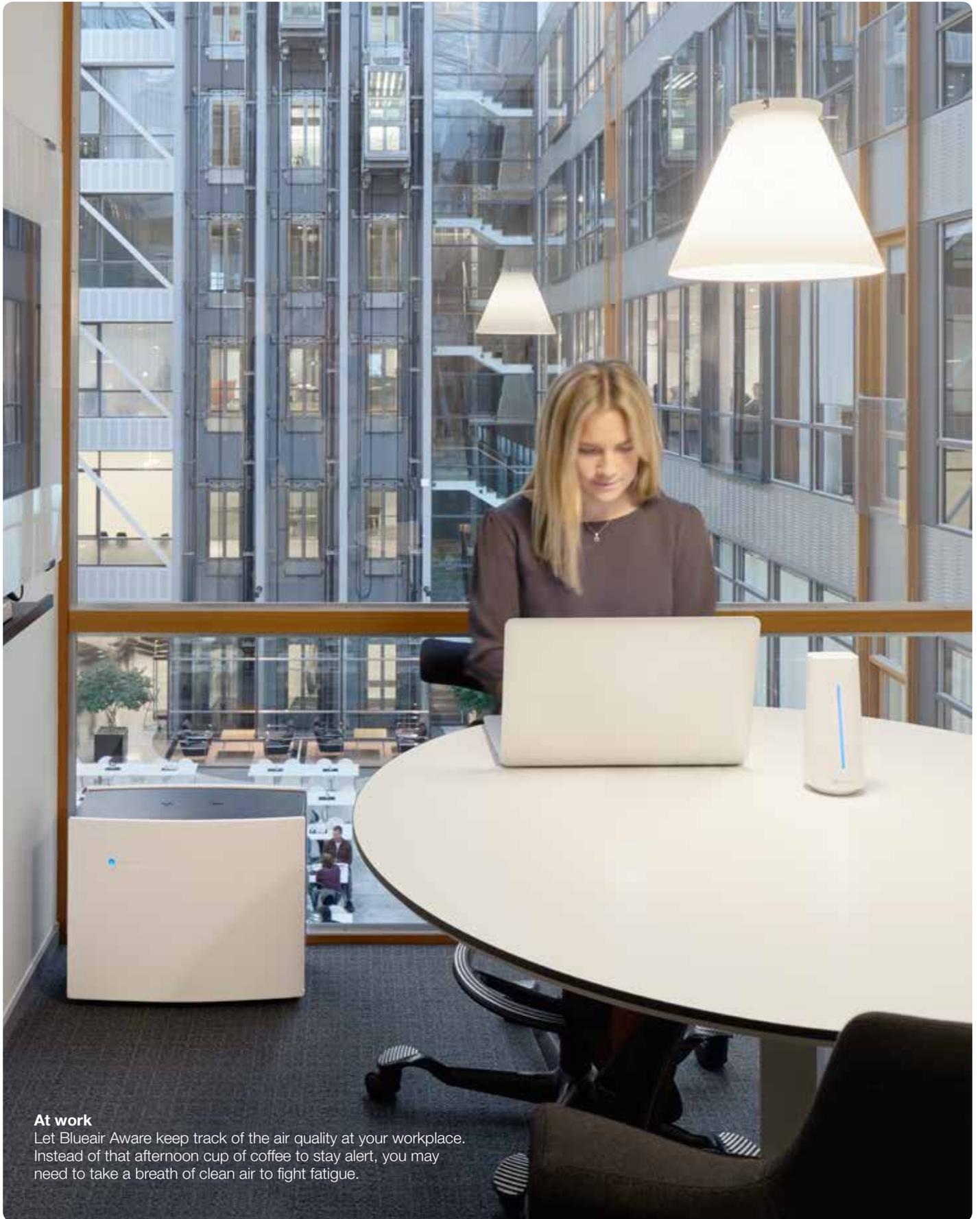
At home

Know that the air you breathe is safe and healthy. If it's not, your Blueair Aware will alert you so you can do something about it and enjoy peace of mind.

What is clean indoor air? Acceptable indoor air quality has been defined as air in which there are no known contaminants at harmful levels.¹ However, the type, composition and concentrations of air pollutants vary widely, which is why no single clean indoor air standard has been established yet.

WHO's guidelines on indoor air quality focus on certain chemical pollutants, dampness, mold and household fuel combustion, which all have negative health effects.

¹American National Standards Institute/American Society of Heating Refrigerating and Air-Conditioning Engineers (ANSI/ASHRAE) Standard 62.1-2007.



At work

Let Blueair Aware keep track of the air quality at your workplace. Instead of that afternoon cup of coffee to stay alert, you may need to take a breath of clean air to fight fatigue.

Breathe healthier, live better

The Blueair Aware measures and monitors your indoor air quality and helps you make informed decisions about the air you breathe.

At a glance, you can see the quality of the air in the room. When the light shines blue, the air you breathe is good. When the light turns orange, the air quality is gradually getting worse.

For easy remote access to your Blueair Aware, use the Blueair Friend app to get detailed air quality information. The app also gives you tips on what you can do to improve your well-being.



PM2.5

Measures ultrafine particles that are 2.5 micrometers or less in size.

VOCs

Measures VOCs and correlates the readings to a CO₂ equivalent.

Temperature

Measures temperature in order to prevent fatigue, irritability and a decrease in alertness.

Humidity

Measures humidity levels in order to prevent the growth of mold and fungus.

Blueair Aware

Performance & Specifications

Follow the changes in your air quality in real time or get an overview by the hour, day or month.



To get more out of Blueair Aware, scan the QR code to download the Blueair Friend app from the App Store or Google Play.

Connect with your clean air.

Air quality sensing

Fine particles PM2.5	
Range	1 µg/m ³ to 500 µg/m ³
Total VOCs	
Range	125 to 1000 ppb
CO ₂ equivalent based on VOC readings	
Range	450 to 5000 ppb
Temperature	
Measurement range	0°C to 50°C (32°F to 122°F)
Accuracy	±1°C (±33.8°F)
Humidity	
Measurement range	25% to 75%
Accuracy	RH ±5.5%

Product

Dimensions (H x W x D)	185 x 80 x 80 mm (7.6 x 3 x 3 in.)
Weight	410 g (14.5 oz.)
Power	Non-detachable USB cable (1.8 m/5 ft. 9 in)
Input voltage	DC 5V USB
Input current	1 A
Maximum power	1.354 W (4.67V, 0.29A at 100% brightness)
Average power	0.856 W at 75% brightness

Connectivity

Wi-Fi	802.11B/G/N, 2.4 GHz
Security	Open/WEP/WPA/WPA2 Personal
Data update frequency	The Blueair Friend app updates with new Blueair Aware data every 1 to 7 seconds.
Data storage	Blueair Aware data averaged over a five-minute interval is sent and stored in the Blueair cloud. Samples of this data are visualized in historical graphs in the Blueair Friend app.
Smartphone compatibility	Get the most up-to-date information in the Blueair Friend app description in the relevant app store.

Environmental

Operating temperature	0°C to +50°C (32° to +122°F)
Storage	-25°C to 50°C
Humidity range	5% to 95%

Materials

Plastic	PC and ABS
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Measurements for PM2.5 are according to the primary 24-hour fine particle standard of the U.S. Environmental Protection Agency's National Ambient Air Quality Standards for Particle Pollution.

Measurements for CO₂ equivalent are according to the recommended limit values of the Swedish Asthma and Allergy Association and U.S.ASHRAE and OSHA standards.



Breathe Blueair

At Blueair, we believe in clean air for everyone. We help you take charge of your health and well-being as well as that of your family, friends and colleagues.

Choosing Blueair Aware helps you determine how clean the air you breathe is. This is your first step towards a healthier life. With this information, you can make a sound, life-affirming choice to breathe air that's free of potentially harmful pollutants. Using your Blueair Aware with a Blueair air purifier helps you breathe clean air and boost your health and wellness.

Welcome to clean air intelligence from Blueair.





Headquartered in Stockholm, Sweden, Blueair is the leading provider of best-in-class air purification solutions for people who want to breathe better and lead healthier lives.

Sold all around the world, our high-performance air purification solutions are energy-efficient and responsibly made. Through our unwavering commitment to excellence, research and constant innovation, Blueair is shaping the way the world breathes. We believe in clean air for everyone.

Breathe Blueair

