

AEROGUARD

AIR QUALITY MONITOR

The AeroGuard is an air monitoring device, with a dust sensor as its primary function.

- Particulate Matter, VOC's, IAQ, CO₂, Temperature, Humidity, Atmospheric Pressure, Sound Pressure.

Monitor your (work)space with the free Apple or Android App, or unlock more features with the subscription based web portal.

For more information, visit www.plymovent.com



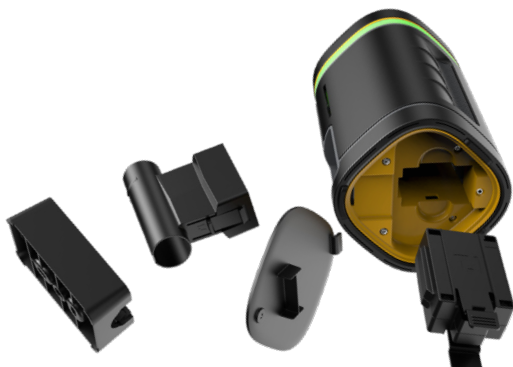
APPLICATIONS

Use the AeroGuard in any inside location that you want to measure the quality of air. The AeroGuard is especially meaningful inside of industrial production environments, as well as facilities where vehicle exhaust emissions are prevalent.



SPECIFICATIONS

◆ Physical dimensions and properties	
Dimensions	130 x 130 x 215 mm
Material (housing):	46% recycled plastics (PC/ABS)
Colour	Black
Weight (net)	0.9 kg
◆ Connectivity	
Power	
<ul style="list-style-type: none"> • Consumption • Supply • Plug 	<ul style="list-style-type: none"> • Max. 10.5 W • USB type C (included) • Regional for North America, Europe, United Kingdom, Oceania, Thailand & more.
Connectivity	
<ul style="list-style-type: none"> • Wireless • Wired 	<ul style="list-style-type: none"> • Bluetooth 5.2, WiFi 2.4 GHz • Ethernet (RJ45)
Relay outputs (2x)	
<ul style="list-style-type: none"> • Potential free output • Output wires 	<ul style="list-style-type: none"> • Max. 30 V, 2 A • COM, NO, NC



◆ Sensors & Measurements	
Dust Sensor	Particulate matter in µg/m ³ <ul style="list-style-type: none"> • PM₁ • PM_{2.5} • PM₄ • PM₁₀
Carbon dioxide	CO ₂ in ppm
Volatile Organic Compounds	TVOC in mg/m ³
Indoor Air Quality	Indexed to UBA Standard
Humidity	Relative humidity %
Atmospheric pressure	Pressure level in hPa
Sound pressure level	L _{Aeq} in dB
Temperature	°C and °F
◆ Ambient conditions	
Suitable for outdoor use	No
<ul style="list-style-type: none"> • Temperature • Relative humidity 	<ul style="list-style-type: none"> • -10 to 40°C • Max. 90%
◆ Scope of supply	
The AeroGuard with an AeroGuard Dust Sensor, AeroGuard Wall Mount, Regional Power Adapter and App.	
◆ Order information	
AeroGuard (regional power plug)	Article no.
<ul style="list-style-type: none"> • EU • UK • USA/CA • AUS/NZ 	<ul style="list-style-type: none"> • 0000304912 • 0000305060 • 0000305062 • 0000305061
Number/package	1
◆ Logistics data	
Packaged (plastic-free!)	
<ul style="list-style-type: none"> • Dimensions • Weight 	<ul style="list-style-type: none"> • 0.4 x 0.3 x 0.2 m • 2 kg
Harmonized Tariff Code	90318080



Highly Specialized Calibrations

Use the three included preset calibrations or create your own inside the portal!



General Exhaust Fumes
Calibrated to best reflect dust particles in exhaust emissions.



General Welding Fumes
Calibrated to best reflect dust particles in welding bays.



Default Calibration
General dust calibration (factory settings) for home and office.



Custom Calibration
Create your own dust calibration. (Portal subscription only)



Included wall mount with tripod mount

Sign up to MyPlymovent for free!

Unlock premium features with the web portal subscription
Available for purchase inside the app or on MyPlymovent.com

Feature	App (Free)	Web Portal (Paid Subscription)
Interface	iOS & Android app	iOS & Android App web portal on www.MyPlymovent.com
Users	Max. 3	Max. 100
Real time insights	LED-Ring indicator for the primary sensor (default PM _{2,5}) and all sensor data online	
Data history	30 days	Unlimited
Relay output	Only primary sensor: Fair = R1, Bad = R1 & R2	Both relays independently programmable
Particulate matter calibration	3 Pre-set Profiles	3 Preset profiles & custom calibration possible
Installation	Easy to follow steps to setup your device(s)	
Notifications	On your phone	On your dashboard and Email
	<ul style="list-style-type: none"> Threshold exceeded Replace Dust Sensor 	
Relay activations	Based on primary sensor thresholds	Set custom sensor and threshold values per relay
Custom thresholds to trigger the LED-ring and notifications	Set your own threshold values for particulate matter, CO ₂ , temperature, humidity and sound pressure levels.	



Online insights
App for iOS and Android and on MyPlymovent.com

Disclaimer

The AeroGuard is a monitoring device. Do **not** use the product as a safety device. All reasonable measures have been taken to ensure the information is accurate and current. However, Plymovent cannot accept any liability for the accuracy or content of material in this document. Plymovent may change, delete or add information without notice. Please visit www.plymovent.com to make sure you are using the most recent version.



Certified



Product type	AeroGuard
Article no.	See order information
Product category	Monitoring Devices
Version	12APR2024/C

Always check the latest version on www.plymovent.com