PLYMOVENT®
clean air at work

AEROGUARD

AIR QUALITY MONITOR

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

- Particulate Matter, VOC's, IAQ, CO_2, 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.

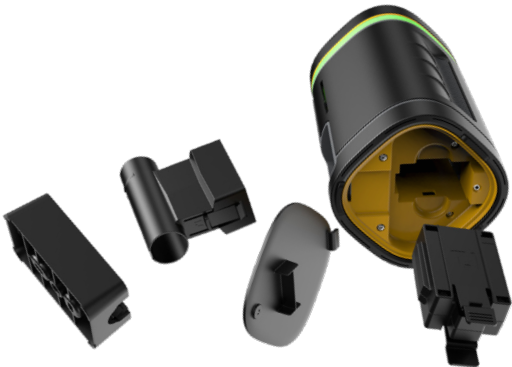For more information, visit www.plymovent.com

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 • Consumption • Supply • Plug	• Max. 10.5 W • USB type C (included) • Regional for North America, Europe, United Kingdom, Oceana, Thailand & more.
Connectivity • Wireless • Wired	• Bluetooth 5.2, WiFi 2.4 GHz • Ethernet (RJ45)
Relay outputs (2x) • Potential free output • Output wires	• Max. 30 V, 2 A • COM, NO, NC

◆ Sensors & Measurements

Dust Sensor	Particulate matter in µg/m³ • PM_1 • PM_4 • $PM_{2.5}$ • PM_{10}
Carbon dioxide	CO_2 in ppm
Volatile Organic Compounds	TVOC in mg/m³
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
• Temperature • Relative humidity	• -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) • EU • UK • USA/CA • AUS/NZ	Article no. • 0000304912 • 0000305060 • 0000305062 • 0000305061
Number/package	1

◆ Logistics data

Packaged (plastic-free!) • Dimensions • Weight	• 0.4 x 0.3 x 0.2 m • 2 kg
Harmonized Tariff Code	90271010

product data sheet

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 • Threshold exceeded • Replace Dust Sensor	On your phone	On your dashboard and Email
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

Certified

Product type	**AeroGuard**
Article no.	See order information
Product category	Monitoring Devices
Version	D

Always check the latest version on **www.plymovent.com**