AeroGuard

QUICK START MANUAL

PLYMOVENT®

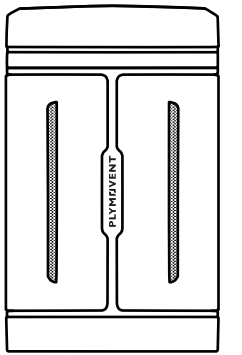
Get the App!

GET IT ON Google Play

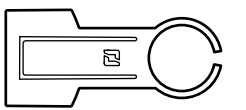
Download on the App Store

Before Using the AeroGuard, you must read and understand the Use & Safety Guide

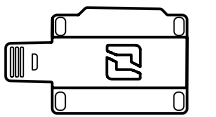
What's in the Box?



AeroGuard

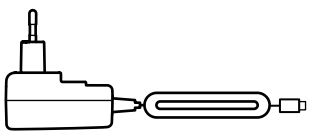


Wall Mount Connector



AeroGuard Dust Sensor

Wall Mount Base

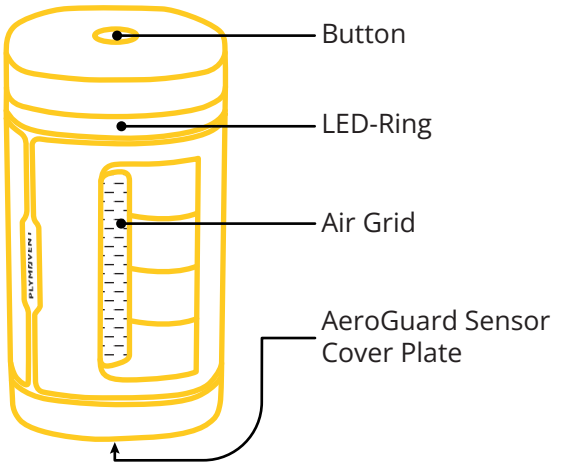


Regional Power Adapter

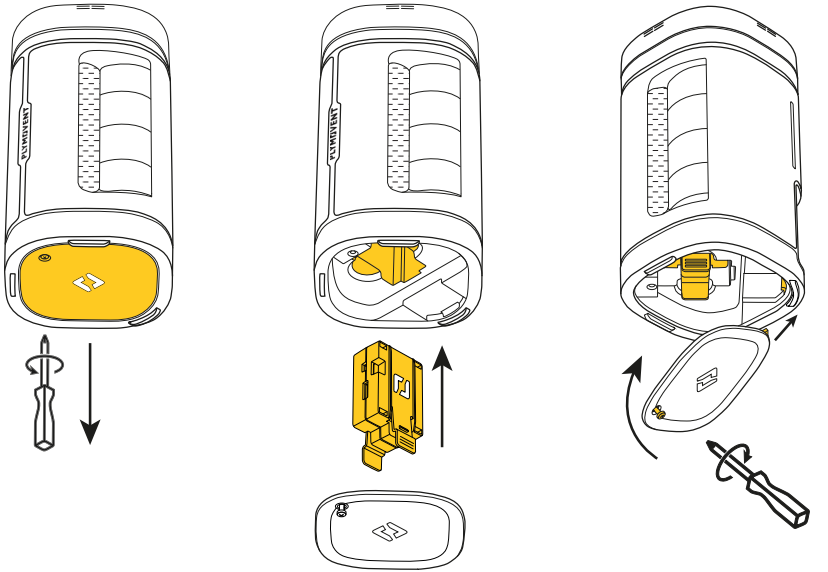
Product Overview

Download

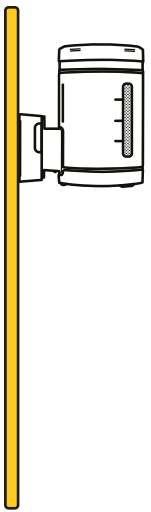
FR DE NL ES

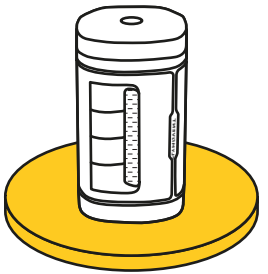


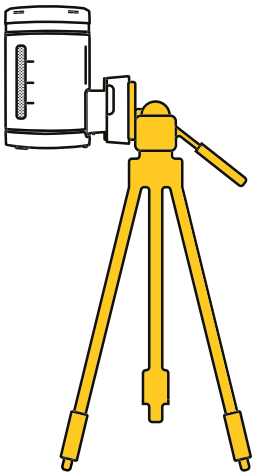
① Install the AeroGuard Dust Sensor



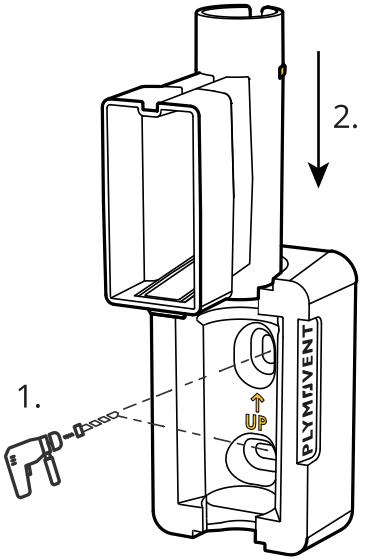
Mounting Options

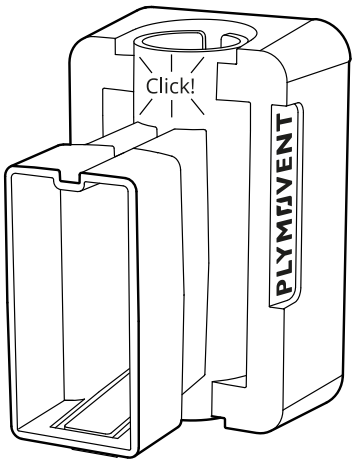




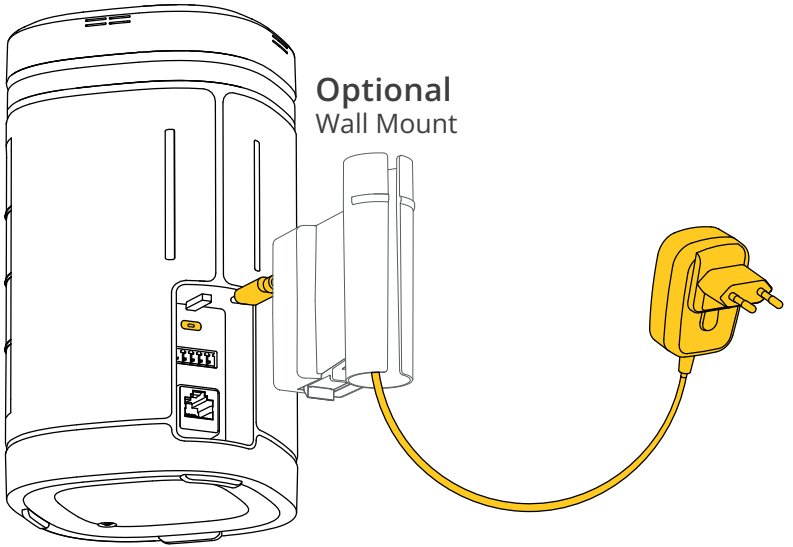


Optional: Wall Mount





② Plug in the Power Adapter



③ Connect to the Internet

Setup with App
(recommended)

GET IT ON Google Play

Download on the App Store

Follow the setup instructions
in the AeroGuard App

Portal Only

www.MyPlymovent.com

Only available with Portal subscription plan

Follow the setup instructions
in the MyPlymovent.com Portal

LED-Ring

Setup

White — Device Starting up

Blue — Ready to pair/configure

Use

Green — Good

Yellow — Fair

Red — Poor

LED-Indicates $PM_{2.5}$ by default

Customize

The LED-Ring shows the primary sensor readings.
Change the primary sensors in the App & Portal.

Sensor Measurements

Dust Sensor
Particulate matter
PM_1 $PM_{2.5}$ PM_4 & PM_{10}

Temperature
Temperature
in °C and °F

VOC
Total Volatile Organic
Compounds in mg/m^3

Sound
Sound levels
L_{Aeq} in dB

Humidity
Relative humidity
in %RH

Atmospheric Pressure
Atmospheric pressure
in hPa

IAQ Index
Indoor Air Quality index
with UBA standard

Carbon Dioxide
CO_2 levels
in ppm

④ Relay Outputs

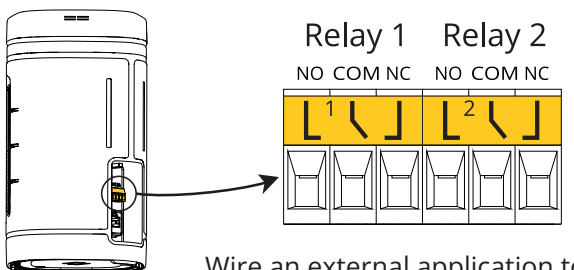
Custom Settings

The LED-Ring shows the measurements of one sensor. Change which sensor data is shown on the LED-Ring in the App & Portal.

Customize relay settings with the Portal subscription plan.

Default Settings

$PM_{2.5}$ (µg/m³)	Good <1000	Fair 1000 - 2000	Poor >2000
Relay 1	Off	On	On
Relay 2	Off	Off	On



Max. 30 V *(AC/DC)*, 2 A

Wire an external application to COM (common) in combination with NO (normally open) or NC (normally closed).

⑤ Calibration

To get the most accurate readings for your use, review and change the calibrations options in the App or Portal.

Particulate Matter (Dust) Sensor Options

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

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

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

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

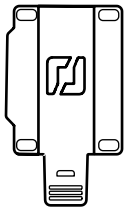
Other Calibration Options

Carbon Dioxide
Automatic (default) or custom settings available.

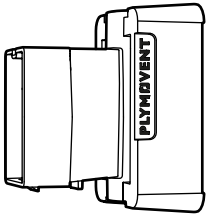
Relative Humidity
Offset in %RH available.

Temperature
Offset in °C and °F available.

Spare Parts & Accessories



A



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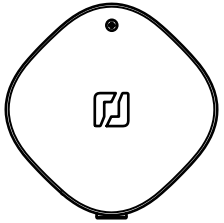

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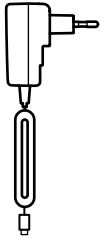

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A	AeroGuard Dust Sensor	0000304925
B	AeroGuard Wall Mount	0000305091
C	AeroGuard Sensor Cover Plate	0000305092
D	AeroGuard Global Power Adapter	0000304991