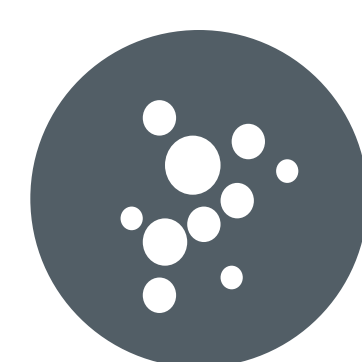


ROOM AIR MONITOR

To be used as a standalone device, or as part of an IAQ controls system with other HAVEN Monitors and Controllers.



CO2 sensing capabilities



WiFi-connected with secure cloud storage



Simple install process, with in-app guide



Rich software ecosystem to interact with the data (mobile & web apps)



Exclusive to the Pro Channel

TECH SPECS HAVEN™ ROOM AIR MONITOR

REQUIREMENTS

INSTALLATION

Counter-top placement

Install near a power outlet

Ideal placement is around breathing height

For most accurate readings: keep away from direct sunlight and windows, and avoid placing near heaters or air vents

Ensure product air vents are not obstructed in installation location

Mobile device running the HAVEN IAQ app (iOS & Android) to connect device to WiFi network

CONNECTIVITY

Provisioning: Bluetooth LE

Transmission: 2.4GHz b/g/n WiFi

Security: WEP, WPA/WPA2

Communication interval: 1x every 5 minutes

POWER

Wired: USB-C; 5V DC

Power consumption: 2W

OPERATING CONDITIONS

[For indoor use only]

Temperature: 23-122°F / -5-50°C

Humidity: 0-95% non-condensing

HAVEN INTEGRATIONS

CENTRAL AIR CONTROLLER

Works with the HAVEN Central Air Controller to automate HVAC equipment to improve indoor air quality

DETECTION

PARTICLES

Laser light scattering technology

Reporting parameter: PM2.5 mass concentration

Range: 0µg/m³ to 1000µg/m³

Resolution: 0.1µg/m³

Precision:
0-100µg/m³: 5% Measured Value
100-1000µg/m³: ±10% Measured Value

CHEMICALS (tVOC)

Range: 0-1200ppb

Resolution: 1ppb

Units: parts per billion and Equivalent Mass Concentration (µg/m³)

Precision: ±7.66ppb

CARBON DIOXIDE (CO2)

Range: 0-40,000 PPM

Resolution: 1ppm

NITROGEN OXIDES (NOx)

Range: NOx Index 0-500

Resolution: 1 Index point

Repeatability: The larger of ±<10 Index points or <10% of measured value

TEMPERATURE

Range: 32-122°F / 0-50°C

Precision: ± 1.8°F / 1°C

RELATIVE HUMIDITY

Range: 5-95%

Precision: ±4.5%

INTERACTIVITY

LED

LED indicates its current state (e.g. connecting to WiFi, sending telemetry, WiFi connection issue)

HAVEN IAQ APP

Available for iOS and android

Allows homeowners to monitor their air quality data

Notifies user when there are filtration and ventilation events that cross set thresholds

ABOUT

MATERIAL

White and Transparent PC ABS Plastic housing

DEVICE

Dims: 4.1" x 4.1" x 2.9"

ADDITIONAL INFO

Availability: Pro channel

Warranty: 2 year

Lifetime: up to 10 years

Power Supply included

