

CENTRAL AIR MONITOR

In-duct monitor integrates with forced air HVAC systems to track indoor air quality.



Individually calibrated for reliable performance



WiFi-connected with secure cloud storage



Simple install process, with in-app guide



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



Solid state design reduces maintenance requirements



Exclusive to the Pro Channel



TECH SPECS | HAVEN™ CENTRAL AIR MONITOR

REQUIREMENTS

INSTALLATION

Suitable for round and rectangular ducts

Compatible with rigid, flex & ductboard materials

Min. 24" away from duct bends

Probe must be perpendicular to airflow

Angle of device relative to airflow needs to be < 10°

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: 24V AC; 14–22AWG

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: > 0.94 (*R2 compared to research-grade instrumentation)

Repeatability: > 90%

CHEMICALS (tVOC)

Range: 0–1200ppb

Resolution: 1ppb

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

Precision: 0.99 (*R2 compared to research-grade instrumentation)

Repeatability: > 90 %

TEMPERATURE

Range: 32–122°F / 0–50°C

Precision: ± 3.6°F / 2°C

RELATIVE HUMIDITY

Range: 5–95%

Precision: ±3%

* Power Supply not included

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

Glossy PC ABS plastic housing; copper stamped emboss and laser etched artwork

MOUNTING PLATE

Dims: 2.6" x 3.3" x 0.6"

Weight: 26g / 0.9oz

PROBE

Dims: 8.6" x 1.2" x 0.9"

Weight: 71 g / 2.45oz

ADDITIONAL INFO

Availability: Pro channel

Warranty: 2 year

Lifetime: up to 10 years

Interested in HAVEN?
Get in touch.

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 1-833-4-IAQ-PRO
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