

HAVEN™

Room Air Monitor

by TZOA® Table top monitor tracks indoor air quality in any room



Next Generation Air Quality Testing

- ➔ Visual air quality status in real-time
- ➔ 24/7/365 localized air monitoring
- ➔ Designed for short and long term air quality testing
- ➔ Easily integrates with rest of HAVEN product line for enhanced feature set
- ➔ Calibrated for accuracy & repeatability
- ➔ WiFi-connected with secure cloud storage
- ➔ Rich software ecosystem to interact with the data (mobile & web apps)

HAVEN™ Room Air Monitor [Coming Q3-Q4 2020*1] Generation 1

Tech Specs

REQUIREMENTS

INSTALLATION

To be placed on any hard surface indoors
Mobile device running the HAVEN Installer app (iOS & Android) to connect device to WiFi network

CONNECTIVITY

WiFi: 2.4GHz 802.11 b/g/n
Connectivity: WPA / Open
Communication interval: 1x every 10 seconds

POWER

USB-C, 5V
Power consumption: 2 W

OPERATING CONDITIONS

[For indoor use only]
Temperature: -5-50°C / 23-122°F
Humidity: 0-95% non-condensing

HAVEN INTEGRATIONS

CENTRAL AIR MONITOR

To get a high level understanding of air quality in the entire home by being installed in-duct

CENTRAL AIR CONTROLLER

To control HVAC system fan during air quality events and ensure proper circulation

FILTER CLUB

To deliver the right filter at the right time, according to the home's IAQ data

DETECTION

PARTICLES

Laser light scattering technology
Reporting format: PM2.5
Range: 0 µg/m³ to 1000 µg/m³
Resolution: 1 µg/m³
Units: particle counts per cubic meter and Equivalent Mass Concentration (µg/m³)

CHEMICALS (tVOC)

Range: 0-1200 ppb
Resolution: 1 ppb
Units: parts per billion and Equivalent Mass Concentration (µg/m³)

TEMPERATURE

Range: 0-50°C / 32-122°F
Precision: ±1°C / 33.8°F

RELATIVE HUMIDITY

Range: 5-95%
Precision: ±3%

PRESSURE

Range: 80-120 kPa
Resolution: 1 Pa
Precision: ±3%

INTERACTIVITY

LED GLOW

LED glows different colors to indicate its current state (e.g. connecting to WiFi, poor air quality)

HAVEN HOME 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

TBD

STAND

Dims: Approx. 3.875" Diameter x 2.25"
Weight: 38 g / 1.34 oz

CORE

Dims: 2.75" x 2.75" x 2"
Weight: 95 g / 3.35 oz

CONSUMER DETAILS

Generation: 1st Gen
Availability: TZO.com & pro channel
Warranty: 1 year*2
Lifetime: up to 8 years

*1 Details are subject to change.

*2 Lifetime warranty available.
Ask for details.