Room Air Monitor

Indoor air quality monitoring for homes and HVAC professionals.

Model RAM-FGA01-A0 | V5 - October 2026



Use as a standalone monitor with the HAVEN app, or as part of an IAQ controls system. Automatic equipment control requires a HAVEN Central Air Controller and compatible equipment.

DEVICE AND RETAIL PACKAGE

Device size	Approx. 73 mm diameter × 56 mm high (2.87 in diameter × 2.20 in high)
Device weight	105 g nominal (3.7 oz), device only
Retail package size	Approx. 163 × 133 × 75 mm (6.42 × 5.24 × 2.95 in), external retail box
Retail package weight	306 g (10.8 oz), including the device and all in-box contents
In the box	Room Air Monitor, USB-C cable, power adapter and instruction card

Device dimensions are approximate. Retail-package measurements include the complete retail pack, not an outer shipping carton. Device weight is nominal.

CONNECTIVITY AND POWER

Provisioning	Bluetooth LE; HAVEN IAQ app for iOS and Android
Transmission	2.4 GHz 802.11 b/g/n Wi-Fi; WEP, WPA/WPA2
Communication interval	Once every 5 minutes (HAVEN reporting path)
Power	Wired USB-C; 5 V DC; 2 W power consumption

PLACEMENT

Place on a counter or other surface near a power outlet, ideally around breathing height. Keep away from direct sunlight, windows, heaters and air vents. Do not obstruct the monitor's air vents.

Measurement specifications

HAVEN Room Air Monitor | RAM-FGA01-A0

DETECTION

Particles (PM2.5)	Laser light scattering; PM2.5 mass concentration. Range: 0-1,000 µg/m³. Resolution: 0.1 µg/m³. Precision: 0-100 µg/m³, 5% of measured value; 100-1,000 µg/m³, ±10% of measured value.
Chemicals (tVOC)	Range: 0-1,200 ppb. Resolution: 1 ppb. Units: parts per billion and equivalent mass concentration (µg/m³). Precision: ±7.66 ppb.
Carbon dioxide (CO2)	Range: 0-40,000 ppm. Resolution: 1 ppm.
Nitrogen oxides (NOx)	NOx Index range: 0-500. Resolution: 1 Index point. Repeatability: the larger of ±<10 Index points or <10% of measured value.
Temperature	Range: 0-50 °C (32-122 °F). Precision: ±1 °C (±1.8 °F).
Relative humidity	Range: 5-95%. Precision: ±4.5% RH.

OPERATING CONDITIONS

Use	Indoor use only
Environment	-5 to 50 °C (23-122 °F); 0-95% relative humidity, non-condensing
Housing	White and transparent PC/ABS plastic

APP, STATUS AND SUPPORT

The HAVEN IAQ app displays indoor air quality data and notifies users of filtration and ventilation events that cross configured thresholds. The LED indicates device and connection states. Works with the HAVEN Central Air Controller to automate compatible HVAC equipment.

Availability	Available to homeowners and HVAC professionals
Warranty / lifetime	2-year warranty; lifetime up to 10 years
Homeowner support	support@haveniaq.com | 1-888-96-HAVEN (1-888-964-2836)
Professional support	prosupport@haveniaq.com | 1-833-4-IAQ-PRO (1-833-442-7776)