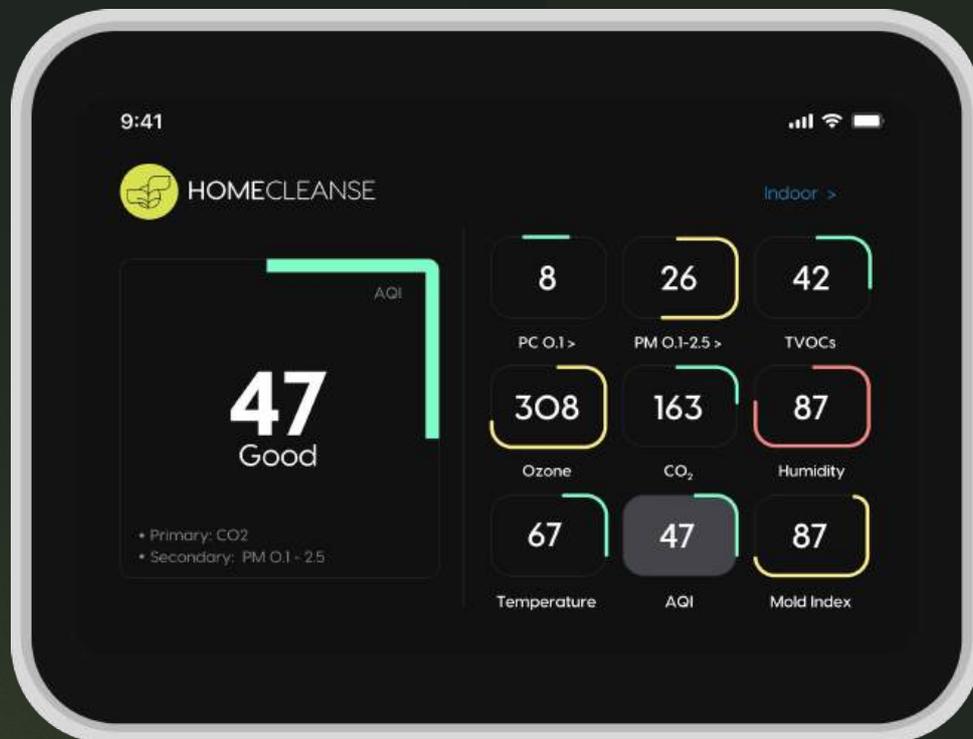




HOMECLEANSE
GUARDIAN

Product Specification Sheet





Product Description

HomeCleanse Guardian is a precision-crafted monitoring system that transforms invisible air risks into clear insights, protecting your home, your family, and your peace of mind.

Product Dimensions & Weight



| | |
|----------------------------|------------------|
| Product Code: | HC-Guardian-2.0 |
| Monitor Dimensions: | 6" x 4.5" x 1.5" |
| Screen Dimensions: | 5" Touch Screen |
| Weight: | 0.95lbs. |

Installation Options

In-room | What comes in the box:

| | | | |
|---|---|---|--|
|  (2) Wall Mount Plates (1) Thick / (1) Thin |  (2) Screws (2) Anchors |  Allen Wrench (2) Hex Screws |  (2) Sensor Capsules |
|  Power Adapter With USB-C Cable |  Ethernet Cable CAT6e |  (1) IAQ Monitor |  Certificate Of Calibration |



Key Features

 Advanced dashboard functionality

 Custom alert features

 On site replaceable modular sensors
(customized sensor option available)

 Up to 2 hours of backup battery life
2 hours with display off & 1 hour with display on

 Optional: Heated Induct Tube

Dashboard Features

 Real time synchronization to dashboard every 1 minute

 Customized live kiosk view

 Enterprise user access hierarchy

 Automated data analytics reports

 Export historical data.
● Email directly from the device
● Export from the Dashboard

 Receive notifications and alerts via email and/or dashboard

 8GB on-board memory
8 months of local storage

 Set custom baselines and KPIs

 Monitor multiple devices

Integration Options

- BACnet IP
- BACnet MS/TP
- MODBUS RS-485
- MODBUS IP
- API (Cloud & Local)
- MQTT (Cloud & Local)
- Local server deployment





Power Input Options

 PoE (Consumption of 12.95W)

 24V AC Direct Wire

 Low Voltage 24V

 10-30V DC Direct Wire

 110-240V AC USB-C Powered

Connectivity & Security

 WiFi

 Inbuilt 4G LTE

 Ethernet

 Serial Communication (RS-485)

Fully Compliant With



Certifications



RoHS



FCC



CE



Sensor Specifications

| Specifications | Sensor Type | Measuring Range | Sensor Output Resolution | Accuracy |
|---|---|---|--------------------------|----------|
| Particulate Matter (PM): PM 0.1- 0.3, 0.5, 1.0, 2.5, 5.0, 10.0 | Laser Particle Sensor | 0 - 1,000 µg/ m ³ | 1µg/ m ³ | ±10% |
| Particulate Count (PC): PC 0.1- 0.3, 0.5, 1.0, 2.5, 5.0, 10.0 | Laser Particle Sensor | 0 - 6,000,000 count per ft ³ | 1 count/ft ³ | ±10% |
| Total Volatile Organic Compounds (TVOC): | Metal Oxide Semiconductor Sensor | 1 - 60,000ppb | 1ppb | ±15% |
| Carbon Dioxide (CO ₂): | Non-Dispersive Infrared Detector (NDIR) | 400-10,000ppm | 1ppm | ±3% |
| Ozone (O ₃): | Solid Polymer Electrochemical Sensor | 0-100ppm | 0.01ppm | ±2% |
| Temperature (°C): | Digital Sensor | -20 °C to 100 °C | 0.1 °C | ±2 % |
| Humidity (RH): | Digital Sensor | 0 - 100% RH | 0.1% RH | ±3% RH |
| Mold Index: | Algorithm | | Range: 0 -100 | |
| Optional CO Sensor: | Solid Polymer Electrochemical Sensor | 0-100ppm | 0.1ppm | ±2% |
| Optional NO ₂ Sensor: | Solid Polymer Electrochemical Sensor | 0-100ppm | 0.1ppm | ±2% |
| Optional Air Pressure Sensor: | MEMS Sensor | 300-1,100 hPa | 1hPa | ±3% |
| Optional SO ₂ Sensor: | Solid Polymer Electrochemical Sensor | 0-100ppm | 0.1ppm | ±2% |
| Optional THC Index: | Algorithm | | Range: 0 -100 | |
| Optional VAPE Index: | Algorithm | | Range: 0 -100 | |

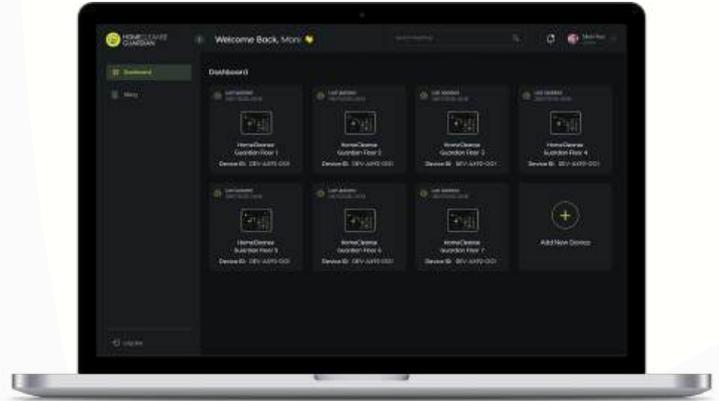


The Guardian Experience

Exclusive Web And Mobile App

Stay connected to your home's health from anywhere in the world. Real-time air quality insights, beautifully designed for clarity, convenience, and control.

Set up in minutes with a single QR code, no complicated steps or technical hassle.



Your Air Made Visible In Real-Time

Humidity Levels: Get alert the moment humidity in your home exceeds 60, helping you stop mold before it starts.

Carbon Dioxide (CO₂): Know instantly when CO₂ levels rise above 1000 ppm, so your air always stays fresh and balanced.

Volatile Organic Compounds (VOCs): Detect harmful VOCs released from furniture, paint, and everyday household products.

Fine Particulate Matter (PM2.5 & PM10): Track fine particles (PM2.5 & PM10) that slip into your lungs and affects your breathing.

Temperature & Air Flow: Stay comfortable as HomeCleanse Guardian monitors your home's temperature and airflow.



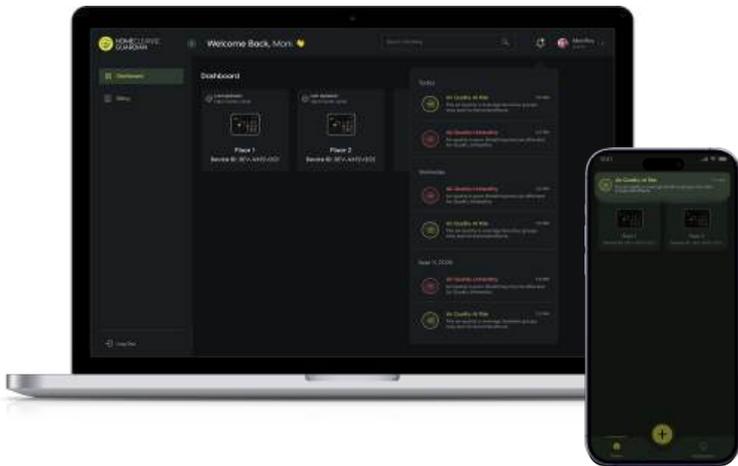
Unmatched Precision

See what your eyes cannot. HomeCleanse Guardian captures everything from viruses like COVID and influenza to invisible mold spores, protecting your health at the deepest level



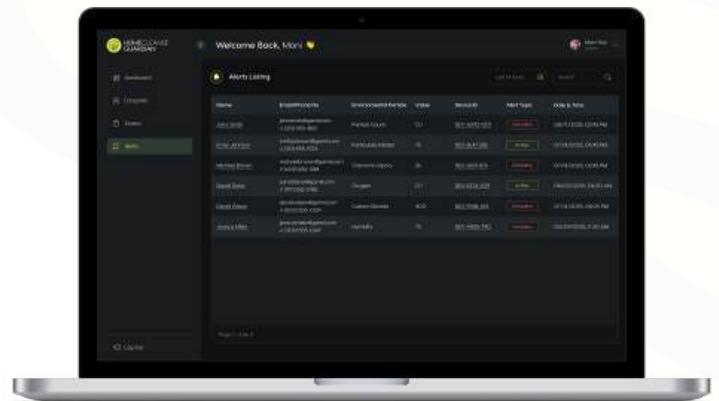
Smart Notifications

Receive intelligent alerts the moment your air shifts beyond healthy thresholds, whether you are at home, at work, or abroad.



Oversight By HomeCleanse Experts

When risks appear, our experts are notified too. A member of our team will call you directly to guide the next steps.





HomeCleanse Guardian Dashboard

The device comes along with a Service Agreement that allows users to access to the HomeCleanse Guardian Air Dashboard. By default, each unit is sold with a 1 year Service Agreement, which can be renewed on an annual basis.

Main Features Of The HomeCleanse Guardian Dashboard:

-  Full access to real-time air data, reporting and analytics
-  View historical air quality data and trends
-  Intuitive user interface
-  Customizable settings
-  Remote device management
-  Set accurate threshold alerts and notifications
-  Access to outdoor air quality data to enable insightful comparisons
-  Continuous security and feature enhancement updates
-  Customized live kiosk views to display and share internally or externally on a TV, monitor, tablet, etc. selected air data
-  Establish and store baseline values to enable customized KPIs to easily show changes in indoor air quality

Services Provided With The HomeCleanse Guardian Dashboard:

-  Training, commissioning, and set up
-  Enterprise account set up
-  24/7 technical support
-  Replacement / calibration of sensor capsules
-  Access to HomeCleanse API
-  Local server deployment application options
-  Comprehensive weekly/monthly/quarterly analytics reports
-  Scenario based before and after evaluations for implemented air improvement measures or changes to a facility