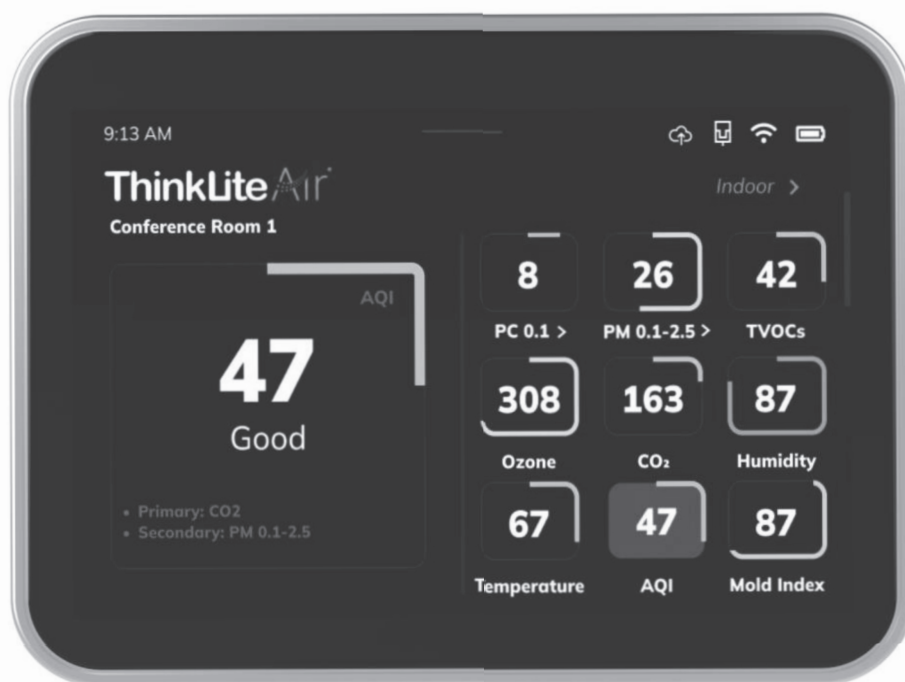


ThinkLite Air



ThinkLite Flair 2.0

IAQ Monitor User Manual

Installing your Flair Air Quality Monitor

Contents:

- ThinkLite Flair Monitor
- Sensor Capsules (x2)
- Mounting Screws
- Ethernet Cable
- Wall Plug
- Magnetic Monitor Cover
- Wall Mount
- Outlet Adaptors
- Monitor Power Cord
- Instruction Guide

Where should it go and how to use?

We recommend mounting your monitor on your wall anywhere from 3-7 feet above the floor. This is the optimal data zone for monitoring airborne pathogens and where it is most effective to have the monitor gauge data.



Usage Scenarios

Our ThinkLite Air Quality experts can help you determine the most effective installation locations based on your floor plan.

The best placement for your Flair Air Quality Monitor is in a central location where it can get the most accurate air samples of the room.

We recommend having your monitor installed away from the following:



Windows



Heating



Vents

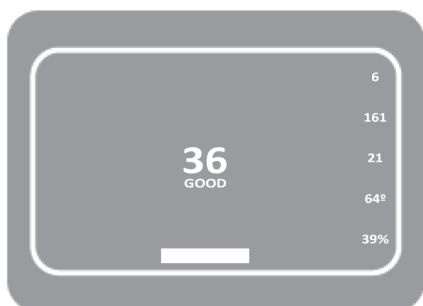


Air conditioners

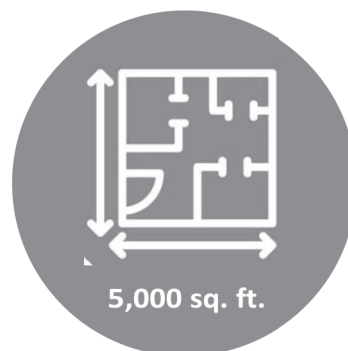


Doors

- The reason for this is to avoid anomalies, which can misrepresent your data and ultimately misguide your facility
- Each closed room in which people tend to congregate will need its own device to get information of the air quality. • Examples may include conference rooms, restrooms, private suites, offices, etc.
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- For large open areas, such as lobbies, warehouses, open offices, it's best to space out the ThinkLite Flair Air Monitors to allow for 1 device per 5,000 square feet of open space.

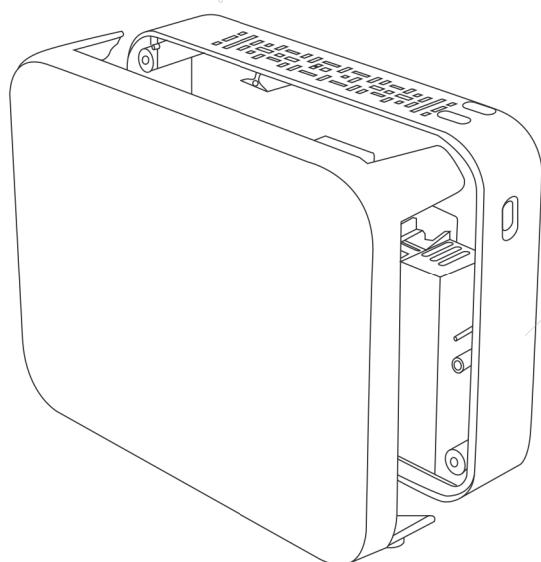


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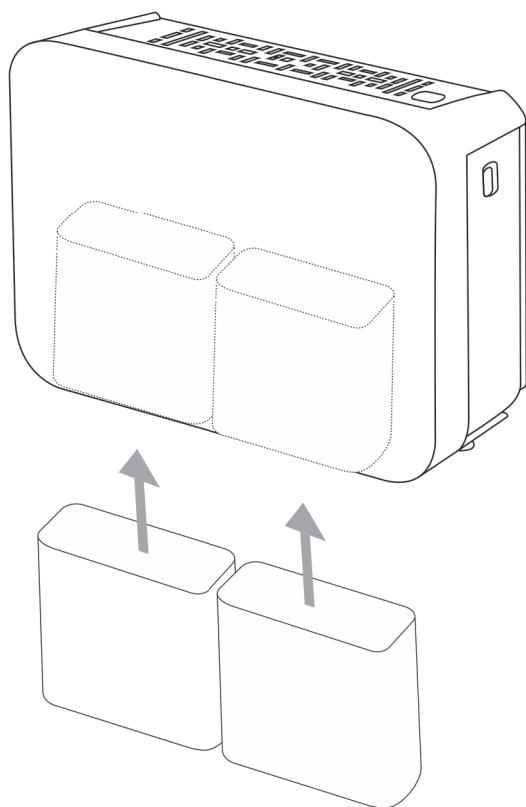


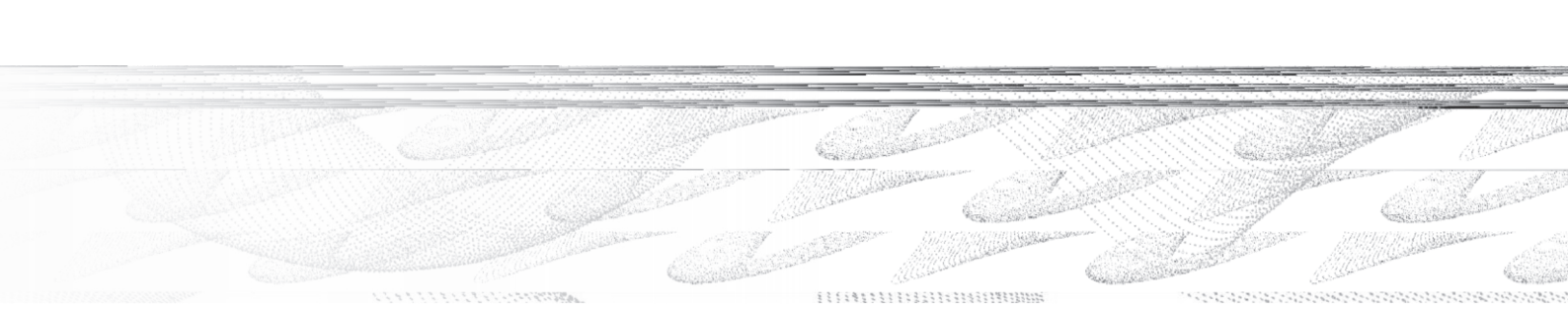
STEP 1.

Separate the monitor from the back shell.



STEP 2.

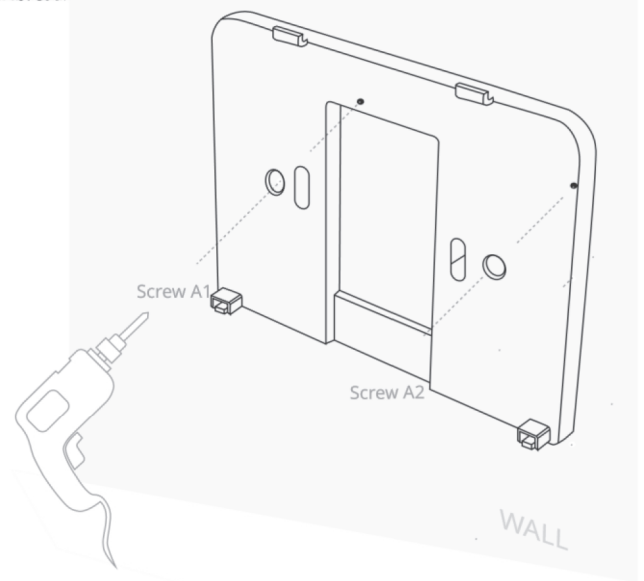




Insert the sensor modules into the base of the monitor. They can be inserted into either side, left or right. Push gently until you hear an audible **click** and **each sensor is fully seated.**

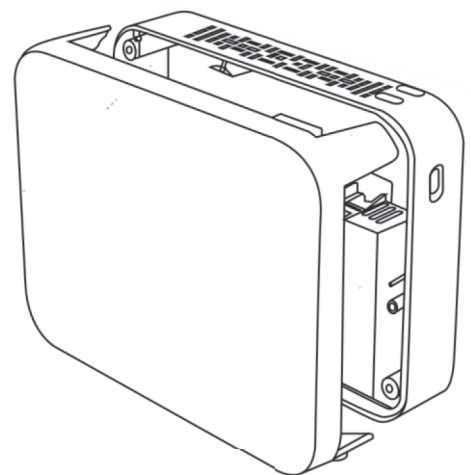
STEP 3.

Use a level to make sure you are mounting the back shell straight on the wall. Use a drill to make the holes and the two longer (A) screws provided to securely install the shell on the wall.



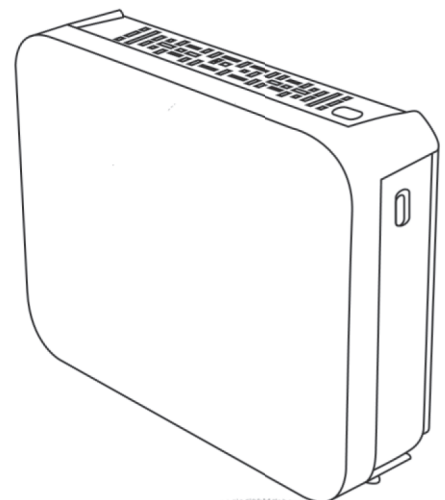
STEP 4.

Fit the Flair monitor into the back shell on the wall.



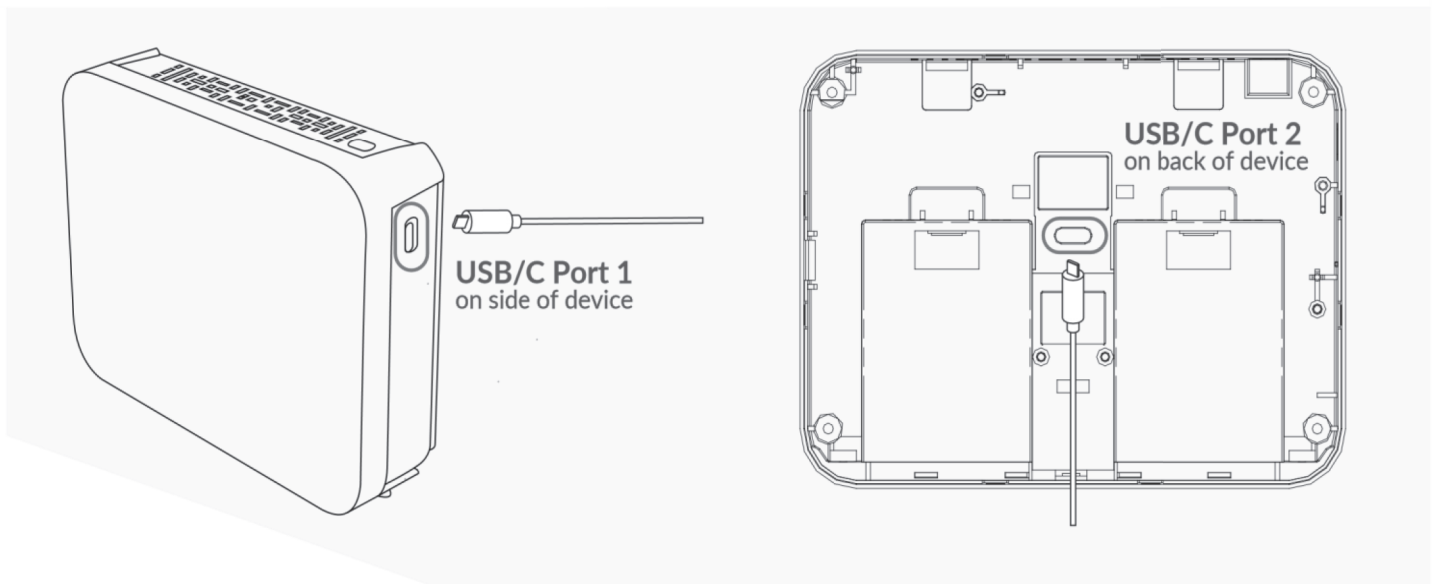
STEP 5.

Use the smaller screw (B) to secure the monitor in the back shell.



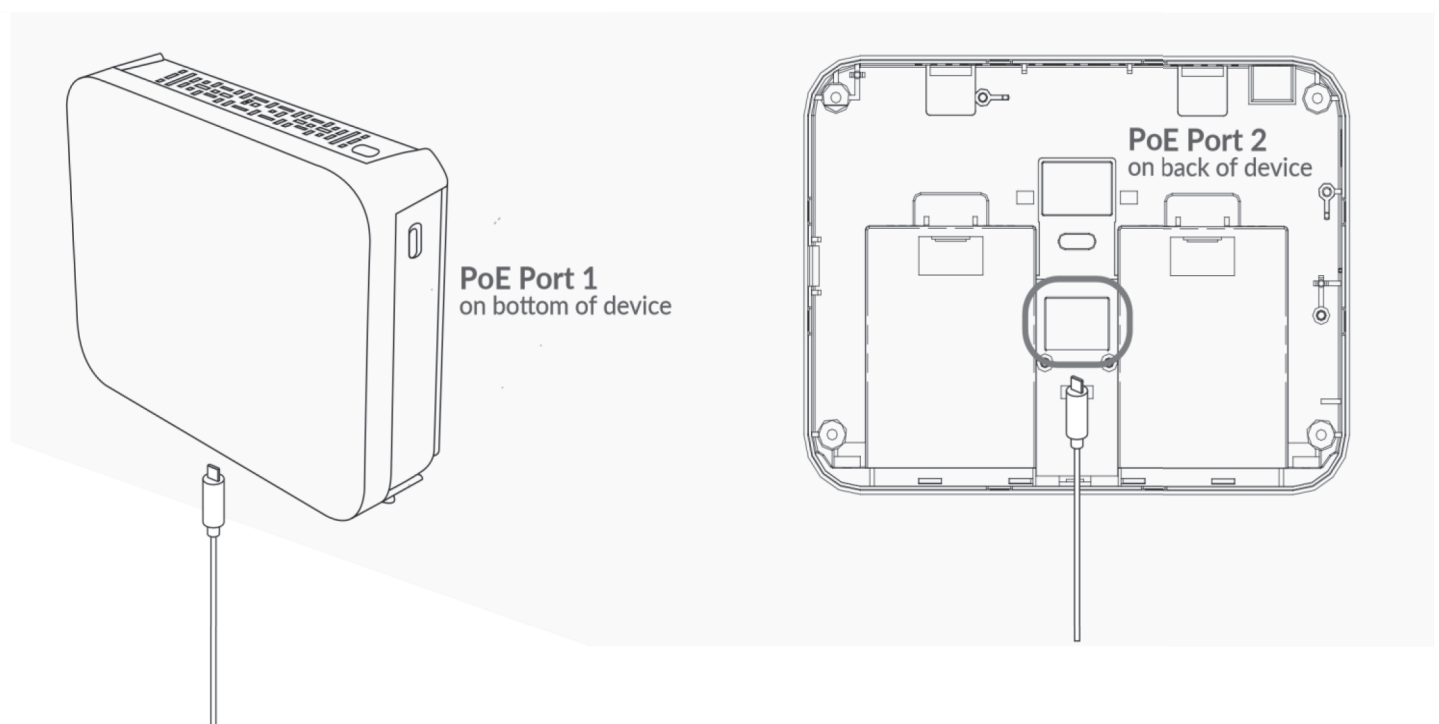
STEP 6. (a.)

Plug the cable into a wall outlet and then into either the side of the monitor or the back of the device, and then turn on the power



STEP 6. (b.)

Plug the PoE into a wall outlet and then into either the bottom of the monitor or the back of the device, and then turn on the power



Product Specifications: ThinkLite Flair 2.0

Power Consumption: 10W

Power Input Options: PoE / 10-30V DC direct wire / 24V AC direct wire / 110-120V AC USB-C powered

Connectivity & Security: WiFi / Ethernet
802.1X EAP-TLS Authentication

Battery: 5200mAh / 4.2V Usage
Time: Up to 2 hrs

Warranty: Monitor: 5 Years
Sensor Modules: 2 years

Accessories: Wall mount plate, drywall anchors & screws, USB cable, power adapter, ethernet cable

Certifications: RoHS      

Usage: This product is used for indoor air quality monitoring, can be used as wall mounted or portable IAQ monitor



	Sensor Type	Measuring Range	Sensor Output Resolution	Accuracy
Particulate Matter (PM): PM0.1/0.3/0.5/1.0/2.5/5.0/10.0	Laser Particle Sensor	1-1,000µg/m ³	1µg/m ³	± >10% (± 10µg/m3)
Particulate Count (PC): PC0.1/0.3/0.5/1.0/2.5/5.0/10.0				
Total Volatile Organic Compounds (TVOCs)	Metal Oxide Semiconductor Sensor (MOS)	0-60,000ppb	1ppb	±5%
Carbon Dioxide (CO ₂)	Non-Dispersive Infrared Detector (NDIR)	400-2,000ppm	1 ppm	±2%RH
Humidity	Digital Sensor	0-99%RH	1%RH	±2° F
Ozone (O ₃)	Electrochemical Digital Sensor	0-200ppb	1ppb	±2%
Temperature & Dew Point Temperature	Digital Sensor	-4° - 212° F	1° F	±1° F