

## Flair IAQ Monitor Product Specification Sheet

### Product Description

The ThinkLite Flair Indoor Air Quality Monitor detects, analyzes, and reports key air safety metrics in real-time, including biological pathogens, contaminants, pollutants, and their carriers, which directly impact wellness and safety. The Flair monitor comes in 2 formats: In-room and induct. The Induct version is designed to provide uniform air quality data for the incoming outdoor air through the supply ducts.

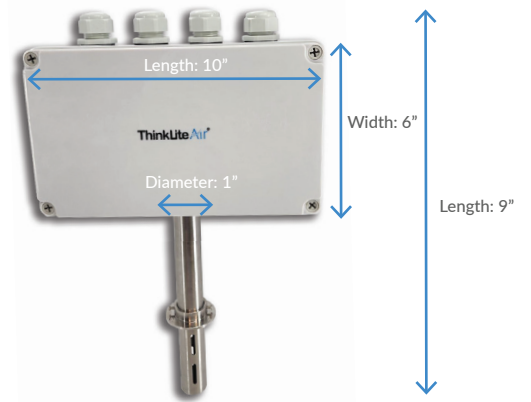
### Product Dimensions & Weight

#### Flair Monitor



**Product Code:** TL-FLAIR-2.0  
**Monitor Dimensions:** 6" x 4.5" x 1.5"  
**Screen Dimensions:** 5" Touch Screen  
**Weight:** 0.95lbs.

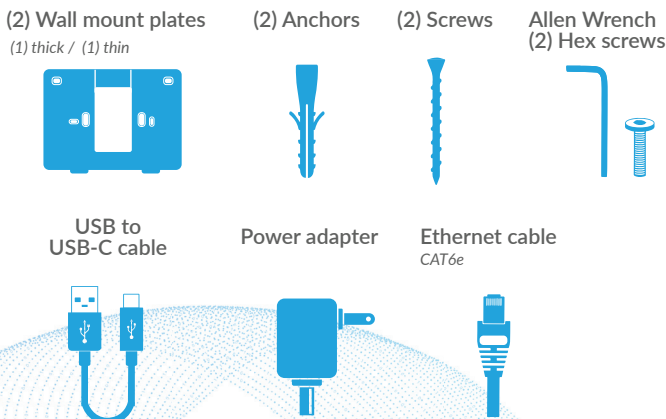
#### Flair Induct



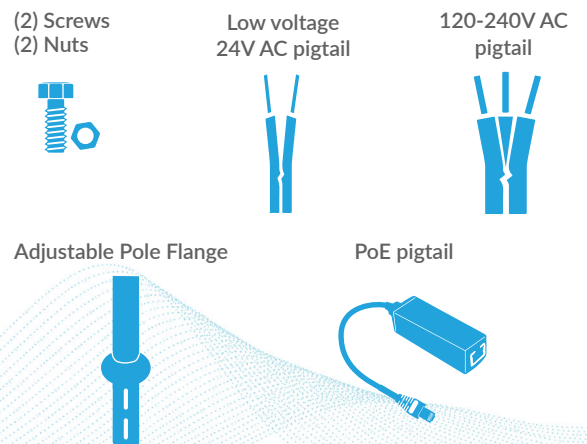
**Product Code:** TL-FLAIR-ID  
**Induct Dimensions (Box):** 10" x 6" x 4"  
**Induct Pole Dimensions:** 9" x 1"  
**Weight:** 3.8 lbs.  
**Air Speed:** 100 - 1,000 fpm

### Installation Options

#### In Room | What comes in the box:



#### Induct | What comes in the box:



## Key Features



Advanced dashboard functionality



Up to 5,000 square foot coverage



Custom alert features



Up to 2 hour backup battery life



On site replaceable modular sensors  
*(customized sensor option available)*



Recommended induct air speeds  
of up to 500-700 ft/min

## Dashboard Features



Real time synchronization to dashboard  
*every 1 minute*



Receive notifications and alerts via  
email and/or dashboard



Customized live kiosk view



8GB On-board memory  
*1 year of data*



Enterprise user access hierarchy



Set custom baselines and KPIs



Automated data analytics reports



Monitor multiple devices



Export historical data  
• USB/C cable  
• Email from device  
• Sync to cloud / BMS

## Integration Options



- BACnet IP
- BACnet MS/TP
- MODBUS RTU
- MODBUS TCP/IP

- REST API
- Secondary MQTT
- Custom integration
- Local server deployment





## Power Input Options

- PoE
- 5-50v DC
- 24v AC Direct Wire
- 110-240v AC USB-C Powered



## Connectivity & Security

- WiFi
- Ethernet
- 802.1X EAP-TLS End-to-end encryption authentication

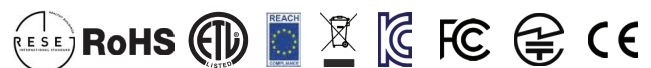
## Sensor Specifications

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	1-1,000 µg/m3	1µg/m3	±>10% (±10 / m3)
Particulate Count (PC): PC 0.1- 0.3, 0.5, 1.0, 2.5, 5.0, 10.0	Laser Particle Sensor	1 - 6,000,000 particles per ft3	1	±>10% (±10 / m3)
Total Volatile Organic Compounds (TVOC):	Metal Oxide Semiconductor Sensor	0-60,000ppb	1ppb	±5%
Carbon Dioxide (CO <sub>2</sub> ):	Non-Dispersive Infrared Detector (NDIR)	400-2,000ppm	1ppm	±3% / ±50 ppm
Ozone (O <sub>3</sub> ):	Electrochemical Digital Sensor	0-200ppb	1ppb	±2%
Temperature (F° / C°):	Digital Sensor	-4F° - 212 F°	1 F°	±1 F°
Humidity (RH):	Digital Sensor	0 - 99% RH	1%RH	±2%RH
Mold Index:	Algorithm	PM10, Temp, Dew Point, RHsensor	No Risk / Fair Risk / Risk	
Optional CO Sensor:	Electrochemical Sensor	0-200ppm	1ppm	±5% / ±5ppm
Optional NO <sub>2</sub> Sensor:	Electrochemical Sensor	0-20ppm	0.1ppm	±0.1ppm
Optional Air Pressure Sensor:	Piezo-resistive digital sensor	300-2,000 hPa	1 hPa	±2%

### Fully Compliant with:



### Certifications:



### Warranty:

Monitor: 5 Years  
Sensors: 2 Years

