

Air Quality Sensor

*Know when the air has contaminates.
Attaches to the WeatherGoose Climate
Monitor*

This compact unit, when connected to a WeatherGoose or SuperGoose, can be used to monitor the air quality in your server room or other indoor environment.

- Sensitive to over 30 different airborne contaminants.
- Early detection of potential air-quality problems.
- Wall-mountable unit, about the size of a standard smoke detector.
- Easy to install and use.
- Solid-state detector for reliability and long life.

Indoor air quality is often a concern, particularly when it comes to the supposedly "clean" environment of a server room. By continuously sampling the air passing over its internal sensor, the AQS provides IT operators another valuable tool to help monitor the health of their equipment by giving early warning of the presence of potentially damaging contaminants in the air, such as:

COMBUSTIBLES:

Methane, Ethane, Iso-butane, Propane, Ethylene, Hydrogen, Methyl Ether

VOLATILE ORGANIC COMPOUNDS:

Acetone,	Methanol,
n-Pentane,	n-Hexane,
Benzene,	Methyl Ethyl Ketone,
Dimethyl Amine,	Ethanol, Methyl Acetate

HYDROCARBONS:

Vinyl Chloride	Methyl Chloride
Methylene Chloride	Ethylene Oxide
Acrylonitrile	

OTHER GASES & CONTAMINANTS:

Hydrogen Sulfide,	Carbon Monoxide,
Sulfur Dioxide,	Carbon Dioxide,
Chlorine, Ammonia,	Various Freons,
Formaldehyde	Tobacco Smoke

Specifications:

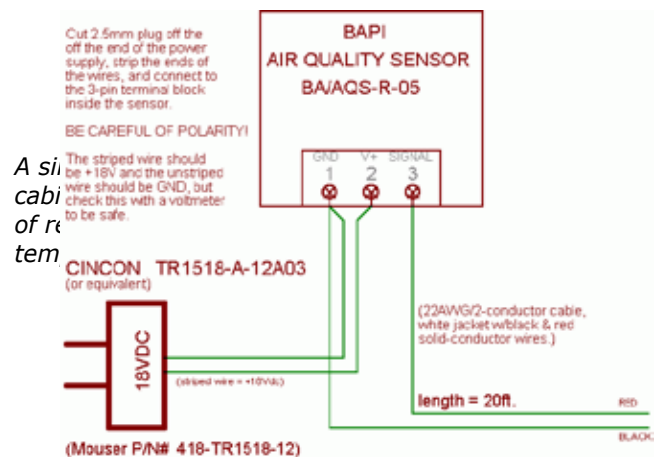
Power Supply: 18VDC (AC adapter supplied)
Dimensions: 3.34"W x 3.34"H x 1.03" D
Output: 0 – 5VDC, representing
0 – 100% air pollution
Operating Temperature: 32 – 140F
Storage Temperature : 10 – 150F
Humidity: 5% - 95% RH (non-condensing)
Sensor: BAPI BA AQS-R-05

Wiring:

Unit is supplied with a suitable 18VDC power supply.



The sensors can be wall or ceiling mounted. A separate power supply (not shown) connect to wall power. Pick a location with good air flow such as an air conditioner return air vent..



Wiring is simple using 24 AWG solid or stranded wire. Runs can be hundreds of feet.