

Rev. 07/13/10

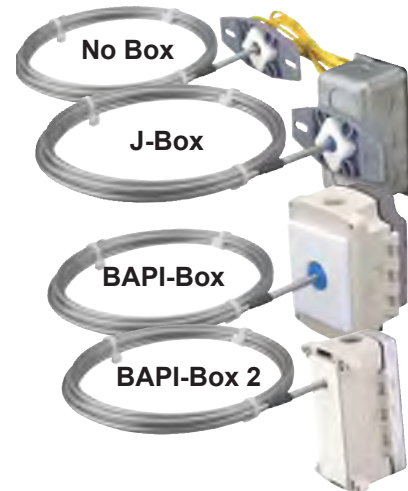
Features & Options

- Averaging Lengths: 8', 12' and 24'
- Optional BAPI-Box or BAPI-Box 2 Enclosure

Duct Averaging Units feature medical-grade closed cell foam to seal the probe insertion hole and to absorb vibration. Mounting tabs allow for easy installation directly to the wall of the duct. All units have etched Teflon leadwires and encapsulated sensors to create a watertight package that can perform under real world conditions.

The units come standard with a 2"x4" steel J-Box but are also available with no box or a watertight BAPI-Box or BAPI-Box 2.

*Some items may not be CE compliant, call BAPI for additional information.



Ordering Information/Part Numbers

ALC/10K-2-A-8' - 8' Duct Averaging Unit with a precision 10K-2 Thermistor Sensor

ALC/10K-2-A-12' - 12' Duct Averaging Unit with a precision 10K-2 Thermistor Sensor

ALC/10K-2-A-24' - 24' Duct Averaging Unit with a precision 10K-2 Thermistor Sensor

Duct Averaging Units come standard with a 2"x4" steel J-Box Enclosure. Add **-BB** or **-BB2** to the end of the part # for a watertight BAPI-Box or BAPI-Box 2 enclosure. Add **-NB** to the end of the part # for No Box (6" etched teflon leadwires).

Specifications for Duct Averaging Units

Enclosure Material:

BB or BB2: Polycarbonate, UL94, V-0

J-Box Model: Galv. Steel

Environmental Operation Range:

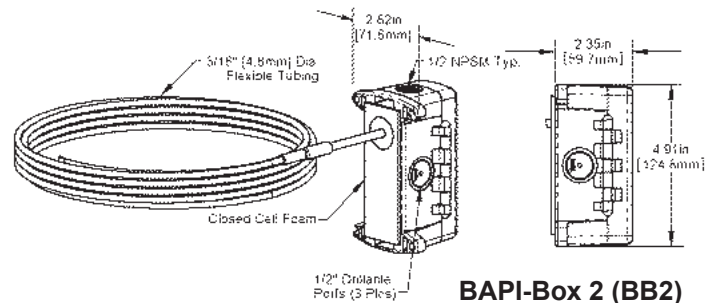
Temperature:

BB or BB2 Encl.: -40 °C to 85 °C

J-Box & NB: -40 °C to 100 °C

Humidity: 0 to 100%, non-condensing

Encl. Rating: BB or BB2 Models: IP66



BAPI-Box 2 (BB2)

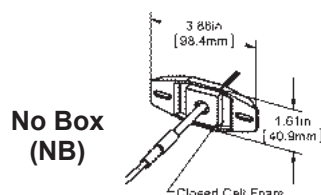
10K-2 Thermistor Sensor Specifications

Resistance: 10 kΩ @ 25°C, -55°C to 150°C range

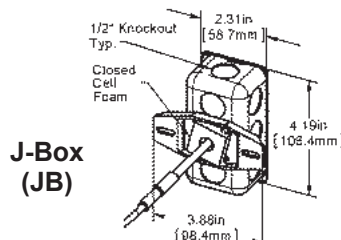
Standard Accuracy: 0.2°C (±0.36°F) at 0 to 70°C

Dissipation Constant: 2.7 mW/°C

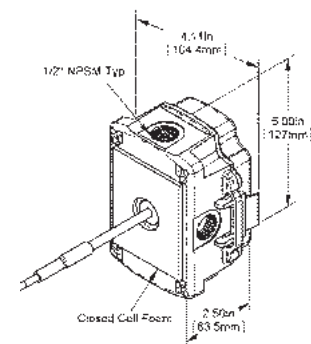
Stability(drift): Less than ±0.1°C (0.18°F) drift over 10 years.



No Box (NB)



J-Box (JB)



BAPI-Box (BB)