

Rev. 07/13/10

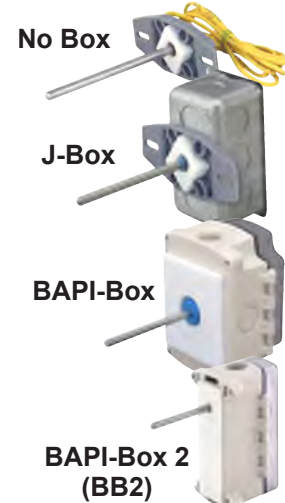
Features & Options

- Probe Lengths: 2", 4", 8", 12" and 18"
- Series 304 Stainless Steel Probes & Double Encapsulated Sensors
- Medical-Grade Foam Padding and Etched Teflon Leadwires
- Optional BAPI-Box or BAPI-Box 2 Enclosures

Single Point Duct 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 Duct Units have etched Teflon leadwires and double encapsulated sensors to create a watertight package that can perform under real world conditions. Duct Units have probe lengths from 2" to 18". Custom probe lengths are also available, call for details.

Duct 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 enclosure.

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



Ordering Information/Part Numbers

ALC/10K-2-D-2": Duct Unit with 2" Probe

ALC/10K-2-D-4": Duct Unit with 4" Probe

ALC/10K-2-D-8": Duct Unit with 8" Probe

ALC/10K-2-D-12": Duct Unit with 12" Probe

ALC/10K-2-D-18": Duct Unit with 18" Probe

Duct Units come standard with a 2"x4" steel J-Box Enclosure.

Add **-BB** to the end of the part # for a BAPI-Box enclosure or **-BB2** for a BAPI-Box 2 enclosure

Add **-NB** to the end of the part # for No Box. Please also specify a lead length for the plenum-rated cable of **-18"**, **-5'**, **-10'** or **-15'**. Example **-NB-18"** for No Box with 18" lead length

Specifications

Enclosure Material:

BB or BB2 Models: Polycarbonate

J-Box Model: Galv. Steel

Environmental Operation Range:

Temperature: -40 °C to 100 °C

Humidity: 0 to 100%, non-condensing

Enclosure Material Rating:

BB or BB2 Models: UL94, V-0

Encl. Rating: BB or BB2 Models: IP66

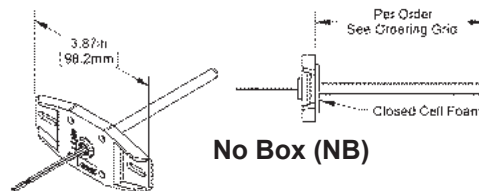
10K-2 Thermistor Sensor Specifications

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

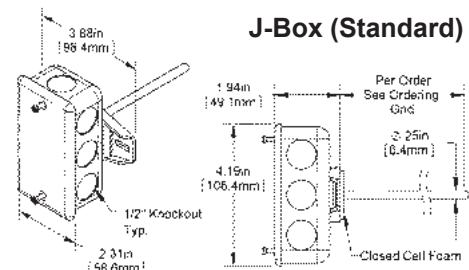
Standard Accuracy: 0.2°C (±0.36°F) at 0 to 70°C

Dissipation Constant: 2.7 mW/°C

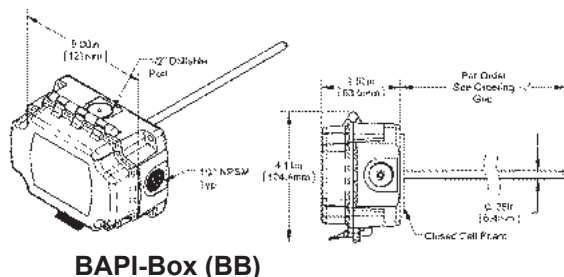
Stability(drift): Less than ±0.1°C (0.18°F) drift over 10 years.



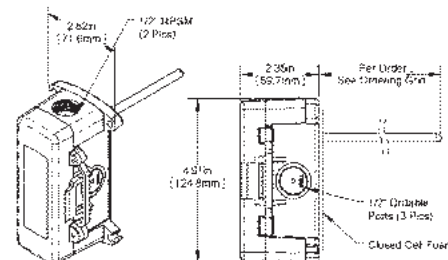
No Box (NB)



J-Box (Standard)



BAPI-Box (BB)



BAPI-Box 2 (BB2)