

Duct Temperature Sensors

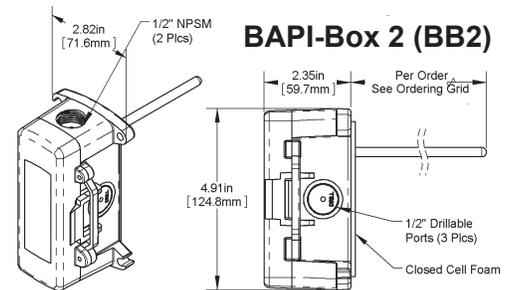
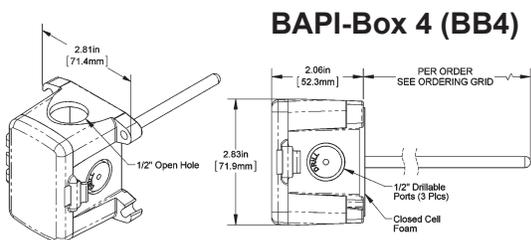
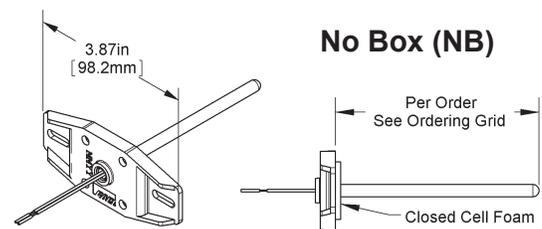
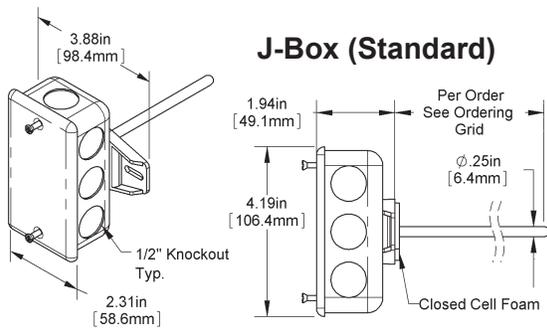
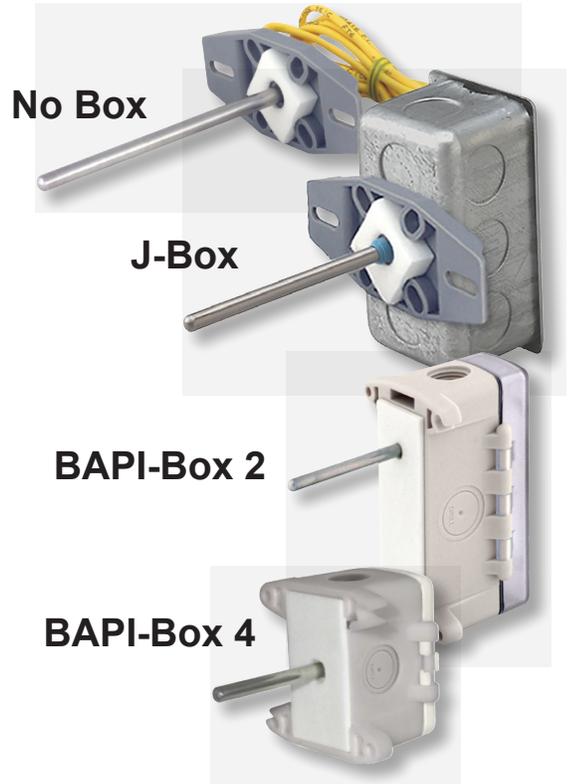
Accessory for HVAC/R

Automated Logic's Duct Temperature Sensors 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".

Duct Units come standard with a 2"x4" steel J-Box but are also available with no box, or BAPI-Box 2 enclosure, or a nylon and ABS plastic BAPI-Box 4.

Features

- Probe Lengths: 2", 4", 8", 12", and 18"
- Series 304 SS Probes & Double Encapsulated Sensors
- Closed Cell Foam Padding and Etched Teflon Leadwires
- Several Enclosure Styles



Duct Temperature Sensors

Specifications

Environmental Operation Range:

Temperature Sensor: -40 °C to 100 °C

Humidity: 0 to 100%, non-condensing

10K-2 Thermistor Sensor:

- Resistance: 10 kΩ @ 25°C, -55 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

Enclosure Material:

BAPI-Box: Polycarbonate, UL94, V-0

BAPI-Box 2: Polycarbonate, UL94, V-0

BAPI-Box 4: Nylon & ABS Plastic, UL94, V-0

J-Box Model: Galv. Steel

Enclosure Rating:

BAPI-Box or BAPI-Box 2: IP66, NEMA 4

BAPI-Box 4 Model: IP10 (IP44 with Knockout Plug)

J-Box Model: IP20, NEMA 1

Part Number	Description
NSB-10K-2-D-12-BB2-A	DUCT TEMP PROBE - BB2 ENCLOSURE - 12 IN. PROBE LOGO- ALC
NSB-10K-2-D-4-BB2-A	DUCT TEMP PROBE - BB2 ENCLOSURE - 4 IN. PROBE LOGO - ALC
NSB-10K-2-D-8-BB2-A	DUCT TEMP PROBE - BB2 ENCLOSURE - 8 IN. PROBE LOGO - ALC
NSB-10K-2-D-4-BB4-A	DUCT TEMP PROBE - BB4 ENCLOSURE - 4 IN. PROBE LOGO - ALC
NSB-10K-2-D-8-BB4-A	DUCT TEMP PROBE - BB4 ENCLOSURE - 8 IN. PROBE LOGO - ALC
NSB-10K-2-D-12-A	DUCT TEMP PROBE - J-BOX ENCLOSURE - 12 IN. PROBE NO LOGO
NSB-10K-2-D-4-A	DUCT TEMP PROBE - J-BOX ENCLOSURE - 4 IN. PROBE NO LOGO
NSB-10K-2-D-8-A	DUCT TEMP PROBE - J-BOX ENCLOSURE - 8 IN. PROBE NO LOGO
NSB-10K-2-D-4-NB-10-A	DUCT TEMP PROBE - NO BOX - 4 IN. PROBE - 10 FT LEADS NO LOGO
NSB-10K-2-D-4-NB-15-A	DUCT TEMP PROBE - NO BOX - 4 IN. PROBE - 15 FT. LEADS NO LOGO
NSB-10K-2-D-4-NB-5-A	DUCT TEMP PROBE - NO BOX - 4 IN. PROBE - 5 FT. LEADS NO LOGO
NSB-10K-2-D-8-NB-10-A	DUCT TEMP PROBE - NO BOX - 8 IN. PROBE -10 FT. LEADS NO LOGO

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