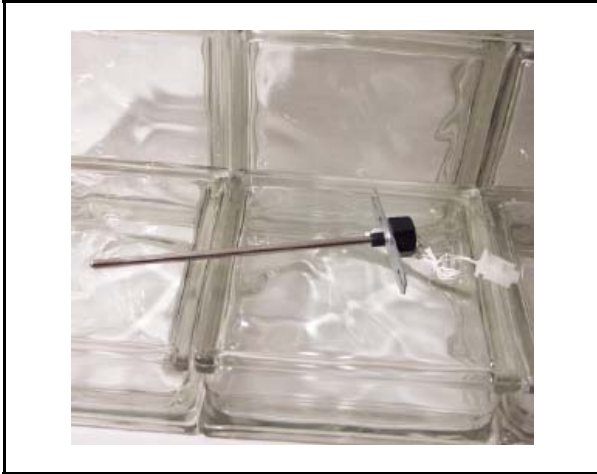


Product Description

The ACP-DO-4" temperature sensor uses a 10K Ohm (Type II) thermistor sensor. These sensors provide a predictable output over a specified temperature range to meet the manufacturer's required input value. The ACP-DO-4" is used typically with units that have economizer.

Thermistors offer high accuracy and interchangeability over a wide temperature range. The thermistors higher resistance relative to Platinum RTD's creates a larger signal with the same measuring current, negating most lead wire resistance problems and eliminating the need for signal conditioners.



Features & Application Highlights

Features	Benefits
• Monitor	➤ Can be used to monitor unit efficiency
• Locations	➤ This sensor can be used as a: Return Air Sensor, Supply Air Sensors or Outside Air Sensor in a Fresh Air Plenum

Technical Data

• Sensor Output	➤ 10,000 Ohms @77 °F (25 °C) Type II
• Operating Temperature Range	➤ -40 to 302 °F (-40 to 150 °C)
• Interchangeability	➤ +/- 0.2 °C @25 °C (70 ° F)
• Sensor Accuracy	➤ +/- 0.2 °C @25 °C (70 ° F)
• Sensor Stability	➤ +/- 0.13 °C
• Dissipation Constant	➤ 3mW °C nominal
• Operating Humidity	➤ 0 to 90% RH non-condensing

Ordering Information

MODEL NUMBER	DESCRIPTION
ACP-DO-4"	4" Duct Temperature Sensor (10K Ohm, Type II)