

# Room Air Temperature Sensors



## Overview

Minco's room air sensors are available with a variety of enclosures that meet most standard HVAC/R installations. The sensors can be match calibrated with a Minco Temptran™ (temperature transmitter) for increased accuracy and reliability. Room air sensors are designed for wall mounting. Choose from two plastic enclosure styles with brushed aluminum faceplates.

The full-size enclosure fits over standard junction boxes. The full size enclosure has optional knockouts for Wiremold raceway surface wiring. Just remove knockouts with pliers. This enclosure may also include a 4-20 mA temperature transmitter; specify model AS200655.

The compact room air sensor mounts directly on drywall.

## Specifications

### Temperature range:

-45.5 to 100°C (-50 to 212°F)

### Temperature range (with TT115 transmitter):

Zero: -40 to 10°C (-40 to 50°F)

Span: 25 to 100°C (45 to 180°F)

Max upper temperature: 85°C (185°F)

### Leadwires:

Full size and compact:

AWG 22, PTFE insulated, 4" (100 mm) long.

**Moisture resistance:** Meets MIL-STD-202, Method 104, Test Condition B.

**Transmitters:** Full size sensors with 2 leads can use Temptran™ transmitter model TT115 installed within the sensor enclosure. A variety of transmitters are available for all other sensor models. Transmitters must be installed in a separate enclosure from the sensor.