Zone Sensor Quote Checklist

Providing these details ensures accurate pricing and the correct zone sensor for your application.

There are a lot of options, and while base pricing between sensor types doesn't vary much, added features (display, humidity, override, specific setpoint ranges) can affect cost and compatibility.

If you can provide these details, we can turn your quote around quickly and make sure you get exactly what your application requires.

☐ **Is it a zone sensor or a thermostat?**

- A thermostat directly controls equipment (like an air handler or fan coil).
- A zone sensor sends temperature information back to a BAS or VAV controller.

Quick rule: If it wires into your BAS, it's typically a sensor, not a stat.

☐ **What temperature sensor type do you need?**

At minimum, the sensor will measure temperature. The most common types are:

- 10k thermistor (most common)
- 20k thermistor
- 1k RTD (often used with JCI systems)

Check your controller specs to confirm which one is required.

☐ **Do you need a display?**

Should the occupant be able to see the room temperature?
Some models include an LCD display, similar to a thermostat.

☐ **Is humidity sensing required?**

- Do you need to measure relative humidity (RH) as well?
- Should RH be shown on the display?
- What output does your controller require for RH?

Common outputs: 4–20mA or 0–10V

(continued)

☐ **Do you need setpoint adjustment?**

Many customers want occupants to adjust the temperature slightly. This is important — if the sensor's output doesn't match what the controller expects, the space won't adjust properly.

- Is a slider or push-button setpoint adjustment needed?
- What input does your controller require?
  - Resistance range (example: 4.8k to 24.8k ohms)
  - Or 0–10V

☐ **Do you need occupancy override?**

This allows someone to temporarily switch from unoccupied to occupied mode (for nights or weekends).

- Should there be a push-button override?
- Does your controller expect:
  - A simple dry contact (switch closure)?
  - Or a momentary short across terminals?