



<b>PRIORITY:</b>	Normal
<b>DATE:</b>	October 6, 2003
<b>TITLE:</b>	Temperature probe installation guidelines
<b>ECO REFERENCE:</b>	NA
<b>PRODUCT(S) AFFECTED:</b>	Alpha® outdoor signs
<b>SUMMARY:</b>	Provides the guidelines to be used when installing the temperature probe for an Alpha outdoor sign.

## Temperature probe installation guidelines

Care must be taken to observe these considerations when selecting a location for the temperature probe. Not following these guidelines could result in inaccurate temperature probe readings.

For specific step-by-step instructions on installing the temperature probe, see your sign's installation manual.

## Mounting guidelines

- Choose a location where air movement is not restricted by nearby walls or other obstructions. A light-colored background is preferable to a dark-colored mounting background. A location above vegetation is preferable to a location above asphalt or blacktop.
- Mount the temperature probe at least one foot below the eave of a protected overhang so convection currents (rising hot air flow) are not trapped around the temperature probe. Also, make sure convection currents are not blocked by the mounting plates.
- A location on the north side of a building or other large structure will afford protection from the afternoon sun. Mount the temperature probe at least 6 feet off the ground. Shield the probe from the effect of the direct sun, reflected heat, or any nearby sources of heat, such as chimneys, vents, or HVAC ducts.

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