

AIR TEMPERATURE SENSOR WITH RADIATION SHIELD

MEASURE
TEMPERATURE
ACCURATELY



SCAN FOR MORE



Monitor air temperature with this single point temperature sensor. The louvered stainless housing and radiation shield protects the internal sensor from the elements to improve temperature tracking accuracy and rapid response.

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SPECIFICATIONS



Probe Diameter	<ul style="list-style-type: none">• 0.218 ± 0.002" ($0.554\text{cm} \pm 0.005\text{cm}$)
Probe Material	<ul style="list-style-type: none">• 304 stainless steel
Cable Length	<ul style="list-style-type: none">• 12 feet (3.66 m) (<i>call for custom length</i>)
Operating Range	<ul style="list-style-type: none">• -55°C to 125°C (-67°F to 257°F)
Sensor Accuracy	<ul style="list-style-type: none">• $\pm 0.1^{\circ}\text{C}$ from -10° to 30°C (14° to 86°F)
Radiation Shield	<ul style="list-style-type: none">• Mounts to pipe with a 2.5 cm (1.0 in) to 5.3 cm (2.1 in) OD (with stock hardware, can also mount to unistrut)• Louvre allows air to pass freely through the shield, keeping the probe at or near ambient temperature• Double louvered design gives improved sensor protection from driving rain, snow, insect intrusion, lower self-heating