

# Globe Temperature Sensor

The Accutron Globe Temperature sensor provides accurate wet bulb globe temperature readings (indoor and outdoor), Heat Index and Humidex values, ambient air temperature, humidity, pressure, air density and dew point values. The Accutron WBGT Monitor is a modbus RTU device that connects easily to other devices on your network for seamless environmental monitoring.



## GLOBE TEMPERATURE SENSOR SPECIFICATIONS

<b>Environmental Measurements</b>	<b>Measures</b>		<b>Accuracy</b>
	Globe temperature (°C, °F) Relative humidity (%RH) Barometric pressure (kPa, mBar, inhg) Dry bulb temperature (°C, °F) Wet bulb temperature (°C, °F)	WBGT inside (°C, °F) WBGT outside (°C, °F) Heat stress index (°C, °F) Air density (kg/m <sup>3</sup> , lb/ft <sup>3</sup> ) Dew point (°C, °F)	+/- 0.2°C
<b>Physical</b>	<b>Enclosure</b>	<b>Bulb</b>	<b>Probe</b>
	IP65	6" copper globe with polyester coating	Polycarbonate Stainless Steel
	<b>Operating Temperature</b>	<b>Power</b>	<b>Weight</b>
	-40°C to 60°C	10 VDC to 30 VDC	1.76 lbs (0.78kg)
<b>Communication</b>	<b>Protocol</b>	<b>Baud Rates</b>	<b>Parity</b>
	Modbus RTU RS485	9600 19200 115200	None Odd Even



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