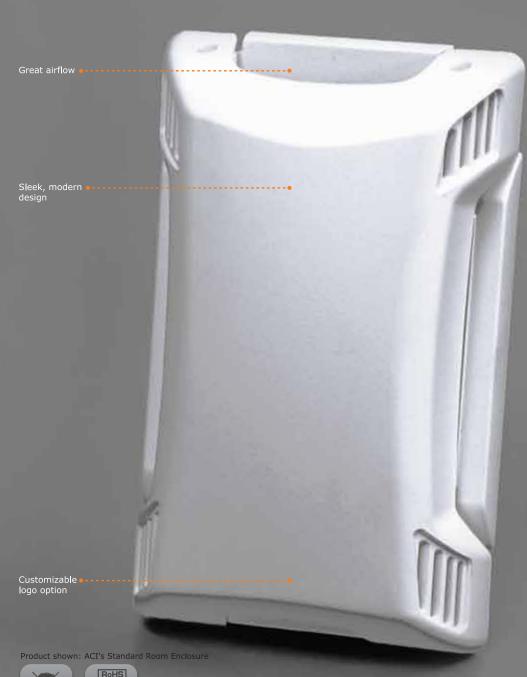


SEMICONDUCTOR

Wall Mount



H: 4.50″ W: 2.75″ □: 1.12″

	CONFIGURATION				
Part #	Configuration				
R2	Room				
R2S	Room with Setpoint				
R20	Room with Override				
R2SO	Room with Setpoint & Override				
SP	Stainless Plate				
BBS	Brass Button Sensor				
SBS	Stainless Button Sensor				

	SENSOR OUTPUTS
Part #	Output
A/592	248 to 378 uA
A/592-10K	2.49 to 3.78VDC

ACI offers a comprehensive list of room mounting configurations (see list above). The most prominent of the series is the R2 (Aries) wall mount enclosure which features a sleek and modern design. ACI still offers the original version (Infinity) for replacements and retrofits. The ACI Button Series is an unobtrusive option for unique applications.

The A/592 Series semiconductor type temperature sensors provide accurate temperature measurement and control. The A/592-10K uses a precision 10K (0.1%) resistor to convert the current output to a three-wire output. These units are calibrated using a NIST traceable thermometer to ensure the highest possible accuracy.

The ACI /592 Series is covered by ACI's Five (5) year limited warranty, which is located in the front of ACI's Sensors & Transmitters catalog or can be found on ACI's web site, which is www.workaci.com.

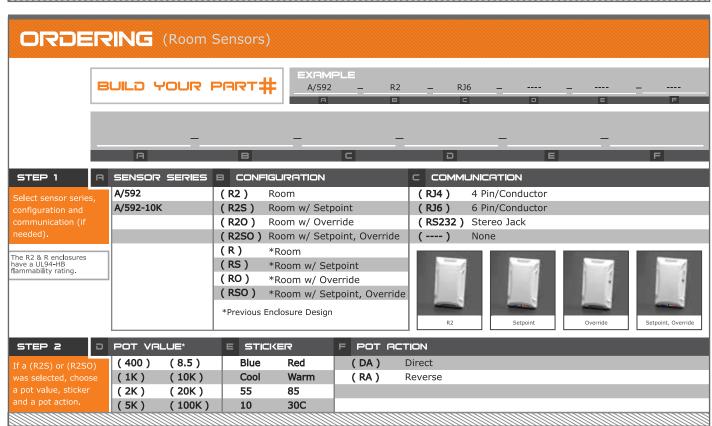
* * * * * * * * Made in the U.S.A.



Wall Mount

SPECIFICATIONS

Supply Voltage +4 to 30 VDC A/592 - 1 uA/°C (0.556 uA/°F) Temperature Coefficient Temperature Coefficient A/592-10K - 10 mV/C (5.556 mV/°F) Accuracy +/- 1.26°F @ 77°F (+/- 0.70°C @ 25°C) Repeatability +/-0.18°F (+/- 0.10°C) Linearity +/-0.27°F max from 32 to 158°F Operating Temperature Range -13 to 221°F (-25 to 105°C) +/- 4°F max (+/- 2.2°C max) Offset



*Offset resistors are available, please inquire.

ORDERING



STEP 1	П	SENSOR SERIES	B CONFIGURATION		
Select sensor series and configuration.		A/592	(SP)	Stainless Plate
		A/592-10K	(BBS)	Brass Button Sensor
			(SBS)	Stainless Button Sensor







TEMPERATURE