



WALL PLATES

Stainless & Aluminum Wall Plate, Balco RTD

The ACI Balco Wall Plate Series features a decorative, single gang brushed Stainless Steel or Smooth Satin Finished Anodized Aluminum wall plate with two, 14 inch 22 AWG Etched Teflon colored lead wires to differentiate between the different sensor types. The sensors in this series are manufactured using ACI's proven double encapsulation process to eliminate the effects of moisture upon the sensors and to increase the thermal response times using our high quality, thermally conductive epoxy. A foam pad is included to insulate the sensor from thermal drafts within the wall, since the plates are designed to be mounted over a standard single gang junction box or directly over a hole in the wall with the use of drywall anchors. These plates are designed to provide a level of protection and security when monitoring the ambient air temperatures in a space. Tamper Proof mounting screws, tamper proof screw driver bits and NIST Certificates are available as referenced on the back of the product data sheet.

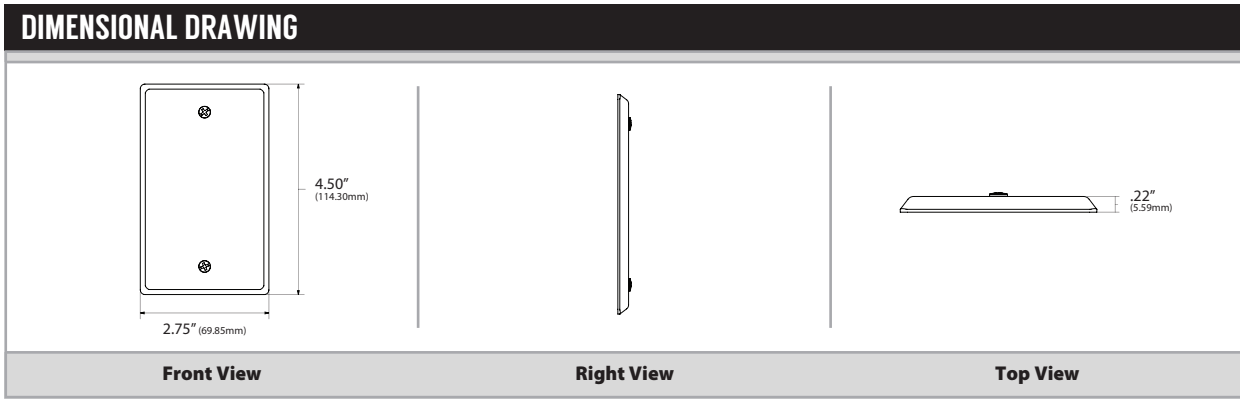
Applications: Space Temperature Sensing, Decorative Wall Plate Applications, Tamper Proof Applications, Schools, Gymnasiums

The ACI Balco Wall Plate Series is covered by ACI's Five (5) Year Limited Warranty. The warranty can be found in the front of ACI's Sensors & Transmitters catalog, as well as on ACI's website, www.workaci.com.

PRODUCT SPECIFICATIONS

Sensor Type Sensor Curve:	Balco RTD PTC (Positive Temperature Coefficient)
Number Sensing Points:	One
Number Wires:	Two (Non-Polarity Sensitive)
Sensor Output @ 70°F (21.1°C) Lead Wire Colors:	1000 Ohms nominal Orange/Red
Sensor Accuracy:	70°F (21.1°C): +/- 1%
Temperature Coefficient (0-100°C):	4618 ppm/°C
Sensor Stability:	+/- 0.05% after 1000 Hours @ 150°C (302°F)
Response Time (63% Step Change):	25 Seconds nominal
Operating Current (Maximum)	5 mA
Plate Material:	A/BALCO-SP Series: 430 Stainless Steel (Brushed Stainless Steel Finish) A/BALCO-AP Series: Aluminum (Smooth Satin Finish, Clear Anodized)
Foam Material Flammability Rating:	Cross-Linked Polyethylene FMVSS-302
Operating Storage Temperature Range:	-40 to 71°C (-40 to 160°F)
Operating Humidity Range:	10 to 95% RH, non-condensing
Lead Length Conductor Size:	14" (35.56cm) 22 AWG (0.65mm)
Lead Wire Insulation Wire Rating:	Etched Teflon (PTFE) Colored Leads MIL-W-16878/4 (Type E)
Conductor Material:	Silver Plated Copper
Product Dimensions (L x W x D):	4.50" (114.3mm) x 2.78" (70.6mm) x 0.187" (4.76mm)
Product Weight:	A/BALCO-SP Series: 0.14 lbs. (63.5g) A/BALCO-AP Series: 0.08 lbs. (36.29g)
Agency Approvals:	CE, RoHS, WEEE, UKCA





STANDARD ORDERING

Model # Example: A/BALCO-SP -OR- 121894

Model #	Item #	Description
A/BALCO-SP	121894	Balco Stainless Wall Plate, 14" Leads, 1/8" Foam Pad
A/BALCO-AP	142711	Balco Aluminum Wall Plate, 14" Leads, 1/8" Foam Pad

CUSTOM ORDERING

Model # Example: A/ BALCO SP NIST

	MODEL #
A. Sensor Series <i>No Selection Required</i>	A/
B. Model Series <i>No Selection Required</i>	BALCO
C. Configuration <i>Select One (1)</i>	SP = 1 Gang Stainless Steel Wall Plate AP = 1 Gang Aluminum Wall Plate
D. NIST <i>Select One (1)</i>	---- = No NIST Certificate NIST = NIST Certificate (3 Points)

ACCESSORIES ORDERING

Model # Example: A/TAMPER PROOF SCREWS -OR- 144865

Model #	Item #	Description
A/TAMPER PROOF SCREWS	144865	Two (2) Screws, Tamper Proof, #6-32 x 5/8", Zinc Plated, Flat Head, 1/8"
SCREWDRIIVER INSERT BIT	143067	Screwdriver Insert Bit, Tamper-Resistant 1/8" Hex Bit with 1/4" Hex Shank

