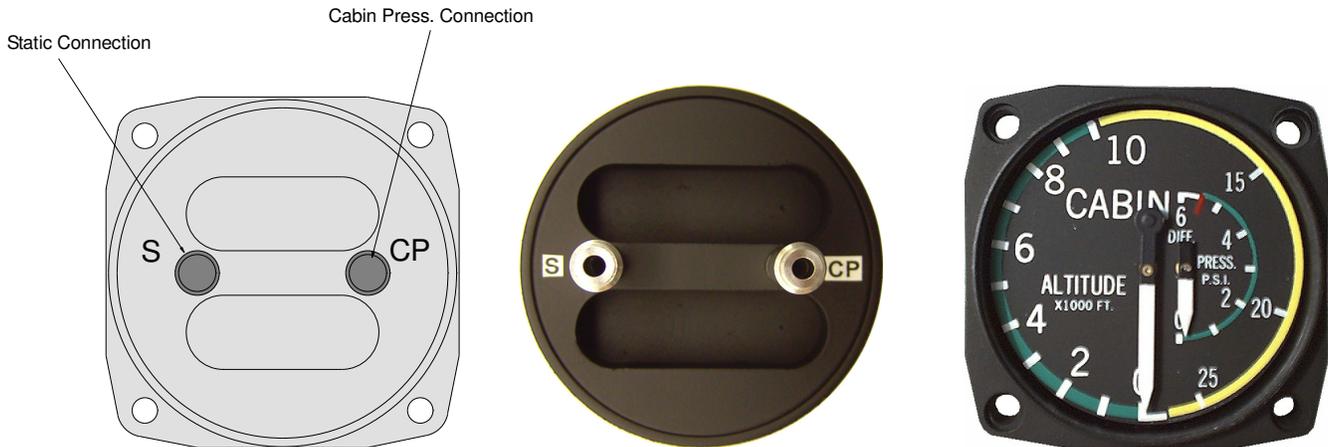




## Installation Instructions for 11-210-xx Cabin Altitude/ Differential Pressure Gauge



- 1) Mount 2 1/4" gauge securely to panel, cut panel hole to 2.275" diameter with (4) .170" holes on a 2.625" dia. circle. Mount with #6-32 screws and nuts (not provided with gauge).
- 2) Plumb the static port (S) fitting, left hand port looking from rear of gauge, to the static system or preferably to a separate, outside the pressure vessel, source. This allows the gauge to sense the outside static air pressure. Use 1/4" id tubing. If you are connecting to the altimeter static system, be sure to maintain the pressure integrity of the system by securing the connection with a clamp.
- 3) The other port (CP) fitting senses cabin pressure so it can be left open to the cabin. This gauge uses an unsealed case so connecting the (CP) fitting to some point in the pressurization system will vent that source into the cabin through the case, thus accomplishing nothing.
- 4) If internal lighting is part of the gauge, connect the two wires from the gauge to AC output of an inverter (10-700-XX) or to another UMA lighted gauge or bezel. Refer to the inverter instructions for its installation.

*The gauge works by sensing the difference in pressure between the cabin and outside air. The cabin altitude uses an evacuated diaphragm for a reading reference, like a simple altimeter. Outside air pressure, thru the static port, is gauged using a diaphragm on the diff side.*

### Warranty

UMA, Inc. warrants all products to be free from defects in material and workmanship under normal use and operation. UMA does not warrant any product which has been damaged as the result of accident, abuse, negligence, improper operational voltage, lightning, fire, flood, or other acts of nature. Any indication that the unit has been opened can void warranty. Under no circumstances shall UMA be liable for any loss or damage, direct, consequential or incidental, arising from the use of or inability to use this product.

This warranty is limited to the repair or replacement, at the manufacturer's option, of any product or part thereof, which has been returned to UMA within the specified warranty period, and which after examination shall disclose to the customer service department's satisfaction that the product is defective. Transportation to the factory or authorized service center must be prepaid; the product after repair or replacement will be returned at the expense of the dealer or end customer. This warranty does not apply to any product or integral part thereof, which has been altered or serviced by other than the manufacturer or authorized service center.

The warranty period is twelve (12) months to the user.

This warranty supersedes all other warranties either expressed or implied and shall be governed and executed under the laws of the Commonwealth of Virginia, U.S.A