



LABCONCO CORPORATION 8811 Prospect Ave, Kansas City, MO 64132  
(816) 333-8811, Fax (816) 363-0130, (800) 821-5525

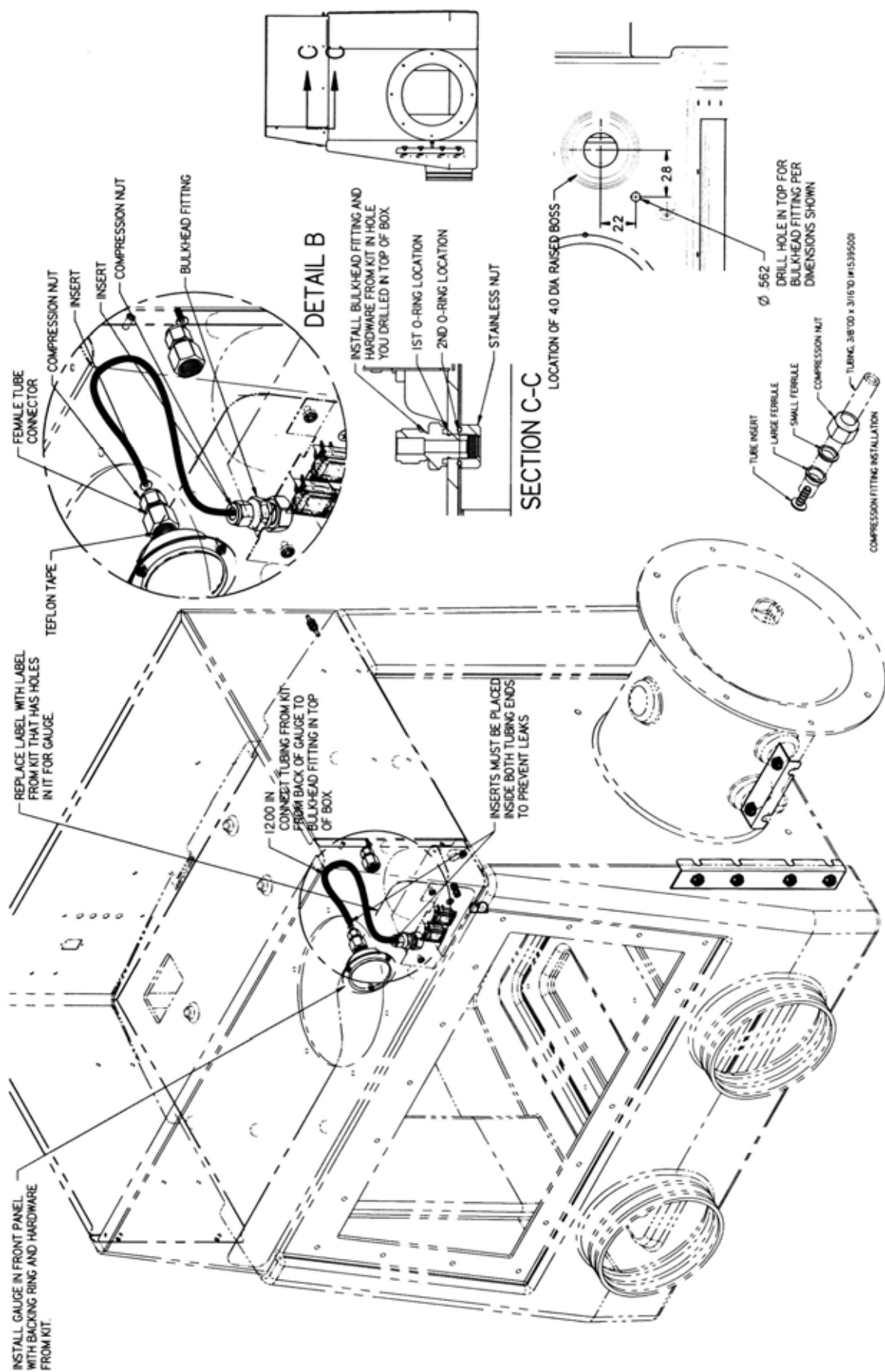
## **Main Chamber Pressure Gauge Kit No. 5237800**

### **Operation**

The Main Chamber Pressure Gauge Kit monitors pressure inside the glove box main chamber between -5 to +5 inches of water. This specific Main Chamber Pressure Gauge Kit can only be added to the Precise Basic Glove Box as it is already included with the Precise Controlled Atmosphere Glove Box. The installation requires a 0.562" diameter hole in the top of the glove box liner; if needed, a 0.562" hole saw (#5250603) and arbor (#5250500) may be ordered from Labconco. Follow the installation procedure and pictorial that follow to properly install the Main Chamber Pressure Gauge.

### **Installation Procedure**

1. Refer to the pictorial. Remove the small round metal plate covering up the left side hole in the front panel.
2. Using two adjustable wrenches, tighten the female tube connector to the rear of the pressure gauge using Teflon tape to prevent leaks.
3. Install the backing ring over the three studs on the front panel to properly space the pressure gauge.
4. Install the pressure gauge with the #4 hardware provided.
5. Replace the small top label on the control panel with the small label with holes from the kit. The remainder of the label can be discarded as it is not needed.
6. Install the tubing inserts into both ends of the 12" long polyvinyl tubing provided. Without the tubing inserts, leaks will occur. Insert one end of the tubing into the female connector on the back of the pressure gauge.
7. Consult Detail B and the Compression Fitting Installation View. With two adjustable wrenches, tighten the compression nut 1-1/4 turns and prevent the gauge from rotating with the other wrench. The tubing is now secured to the female connector on the gauge.
8. Per the pictorial, drill a 0.562" diameter hole off the center of the 4.0" diameter raised boss located in the top right front corner of the glove box liner. The dimensions to locate the 0.562" diameter hole are 2.2" x 2.8" from the raised boss. If needed, a 0.562" hole saw (#5250603) and arbor (#5250500) may be ordered from Labconco.
9. Follow Detail B, Compression Fitting Installation View, and Section C-C to mount the bulkhead fitting, O-rings, and nut from the kit into the ceiling of the glove box. The nut and second O-ring are located inside the main chamber.
10. Connect the other end of the tubing to this bulkhead fitting. Using two adjustable wrenches, tighten the compression nut 1-1/4 turns and prevent the bulkhead fitting from rotating with the other wrench.
11. Installation is now complete and the pressure gauge kit should hold pressure if properly assembled.



## **Warranty**

Labconco provides a warranty on all parts and factory workmanship. The warranty includes areas of defective material and workmanship, provided such defect results from normal and proper use of the equipment.

The warranty for all Labconco products will expire one year from date of installation or two years from date of shipment from Labconco, whichever is sooner, except the following;

- Purifier® Delta® Series Biological Safety Cabinets and PuriCare® Lab Animal Research Stations carry a three-year warranty from date of installation or four years from date of shipment from Labconco, whichever is sooner.
- SteamScrubber® & FlaskScrubber® Glassware Washers carry a two-year warranty from date of installation or three years from date of shipment from Labconco, whichever is sooner.
- Blood Drawing Chairs carry a ten year warranty.
- Carts carry a lifetime warranty.
- Glassware is not warranted from breakage when dropped or mishandled.

This limited warranty covers parts and labor, but not transportation and insurance charges. In the event of a warranty claim, contact Labconco Corporation or the dealer who sold you the product. If the cause is determined to be a manufacturing fault, the dealer or Labconco Corporation will repair or replace all defective parts to restore the unit to operation. Under no circumstances shall Labconco Corporation be liable for indirect, consequential, or special damages of any kind. This statement may be altered by a specific published amendment. No individual has authorization to alter the provisions of this warranty policy or its amendments. Lamps and filters are not covered by this warranty. Damage due to corrosion or accidental breakage is not covered.

## **Returned or Damaged Goods**

Do not return goods without the prior authorization from Labconco. Unauthorized returns will not be accepted. If your shipment was damaged in transit, you must file a claim directly with the freight carrier. Labconco Corporation and its dealers are not responsible for shipping damages.

The United States Interstate Commerce Commission rules require that claims be filed with the delivery carrier within fifteen (15) days of delivery.

## **Limitation of Liability**

The disposal and/or emission of substances used in connection with this equipment may be governed by various federal, state, or local regulations. All users of this equipment are required to become familiar with any regulations that apply in the user's area concerning the dumping of waste materials in or upon water, land, or air and to comply with such regulations. Labconco Corporation is held harmless with respect to user's compliance with such regulations.

## **Contacting Labconco Corporation**

If you have questions that are not addressed in this manual, or if you need technical assistance, contact Labconco's Customer Service Department or Labconco's Product Service Department at 1-800-821-5525 or 1-816-333-8811, between the hours of 7:00 a.m. and 6:00 p.m., Central Standard Time.