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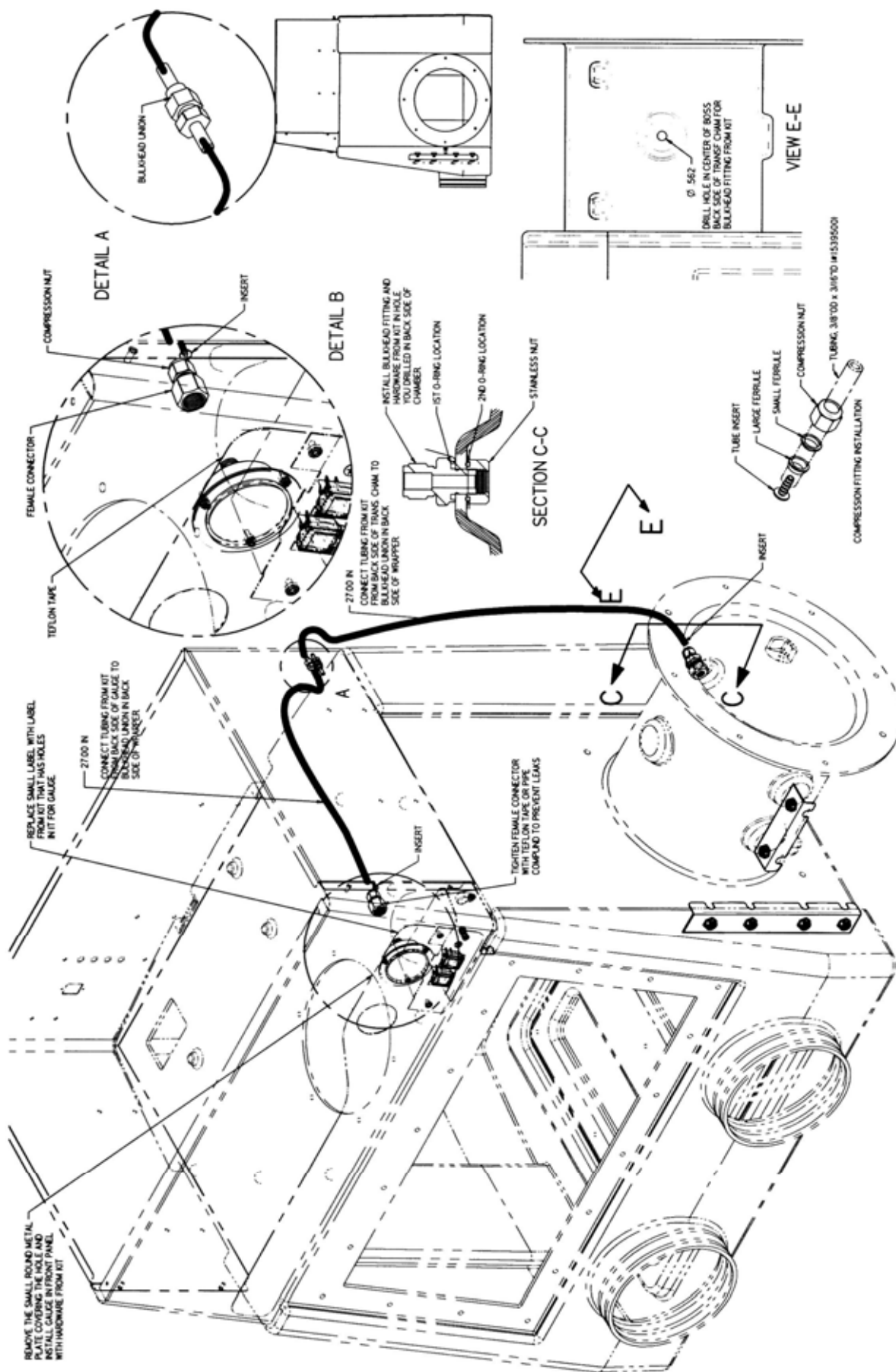
Transfer Chamber Pressure Gauge Kit No. 5237900

Operation

The Transfer Chamber Pressure Gauge Kit monitors pressure/vacuum from 0 to -29 inches of mercury and includes the vacuum gauge, hose, and fittings. This Transfer Chamber Pressure Gauge Kit can be added only to the Precise Basic Glove Box. The Precise Controlled Atmosphere Glove Box already includes a transfer chamber pressure gauge. The installation requires a 0.562 diameter hole in the transfer chamber; if needed, a 0.562" hole saw (#5250603) and arbor (#5250500) may be ordered from Labconco. Follow the installation procedure and pictorial to properly install the Transfer Chamber Pressure Gauge.

Installation Procedure

1. Refer to the pictorial and remove the small round metal plate covering up the right side round hole in the front panel.
2. Tighten the brass female connector to the rear of the gauge with Teflon tape to prevent leaks.
3. Attach the pressure gauge to the front panel with the hardware included.
4. Replace the top portion of the label on the control panel with the label with two large holes from the kit. The remainder of the label can be discarded and is not needed.
5. Cut two 27" sections of clear 3/8 OD x 3/16 ID polyvinyl tubing.
6. Install the bulkhead union in the rear corner of the upper glove box sheet metal per Detail A.
7. Connect one section of clear polyvinyl tubing between the pressure gauge and the bulkhead union. Follow Detail B and the Compression Fitting Installation View for proper orientation of the tube insert, female connector, and compression nut with internal ferrules, otherwise leaks can occur. By using two adjustable wrenches, tighten the compression nut 1-1/4 turns and prevent the gauge from rotating with the other wrench.
8. Per View E-E, drill a 0.562" diameter hole in the center of the boss located on the rear of the transfer chamber. If needed, a 0.562" hole saw (#5250603) and arbor (#5250500) may be ordered from Labconco.
9. Follow Section C-C to mount the bulkhead fitting, O-rings, and nut from the kit. The nut and second O-ring are located inside the transfer chamber. Connect the second section of clear polyvinyl tubing between the bulkhead union and the transfer chamber. The tube insert must be placed inside the polyvinyl tubing to prevent leaks at the transfer chamber. By using two adjustable wrenches, tighten the compression nut 1-1/4 turns and prevent the bulkhead fitting from rotating with the other wrench.
10. Installation is now complete and the pressure gauge kit should hold vacuum 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.