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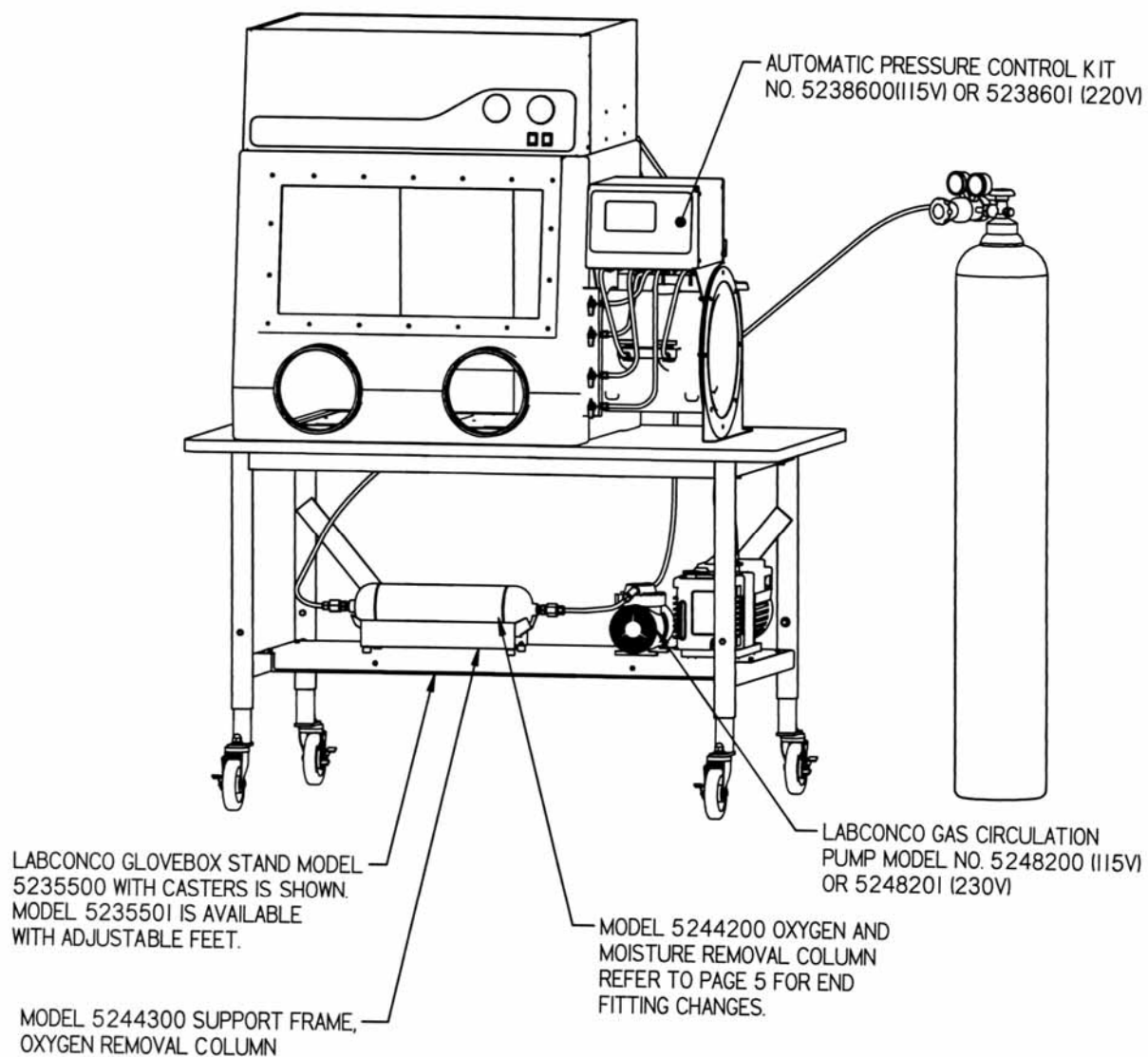
Oxygen and Moisture Drying Train Tubing Kit No. 5242501

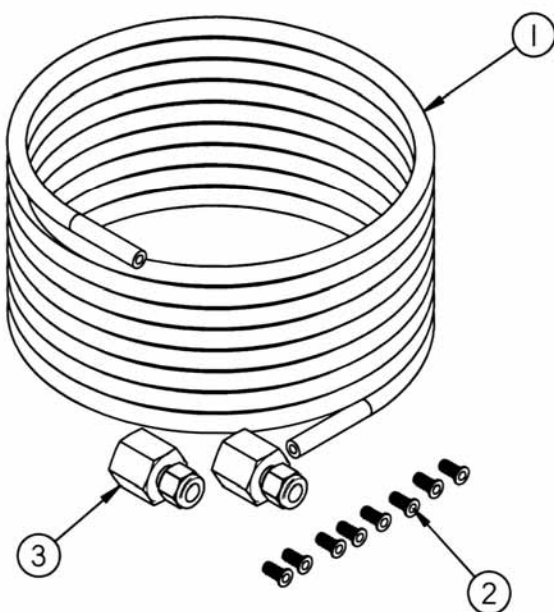
Operation

The Oxygen and Moisture Drying Train Tubing Kit contains all the tubing, tube inserts, and connectors necessary to connect the Oxygen and Moisture Removal Column and recirculating diaphragm pump to the main chamber of the glove box. The Oxygen and Moisture Removal Column and recirculating diaphragm pump are ordered separately with catalog numbers listed on the pictorials to follow. Follow the installation procedure below along with the pictorials to install all the tubing, tube inserts, and connectors.

Installation Procedure

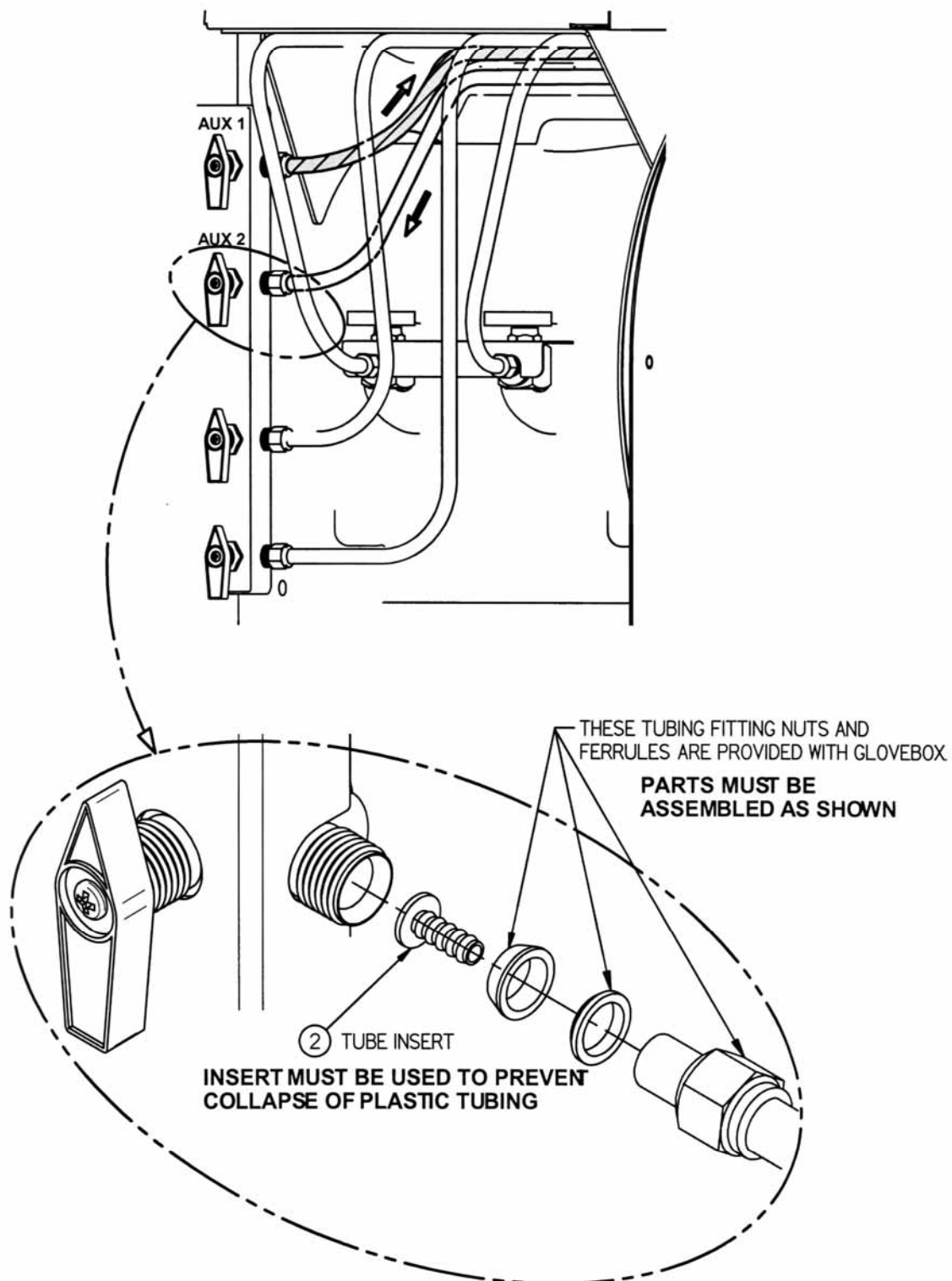
1. Review the diagrams and parts list attached before beginning installation.
2. The kit is supplied with 20' of 3/8" OD x 1/4" ID tubing. Plan accordingly and cut the tubing into one 2-foot (61 cm) length and two 9-foot (274 cm) lengths. Adjust the lengths depending on the location of the Oxygen and Moisture Removal Column and recirculating diaphragm pump.
3. Place tube inserts into both ends of all three tube lengths cut in step 2.
4. Insert one end of the long tube lengths into two of the four valves mounted on the glove box main chamber. Tighten the compression nuts 1-1/4 turns as illustrated on page 4.
5. Connect the other end of one of either long tube lengths to the inlet of the recirculating diaphragm pump and tighten the compression nut 1-1/4 turns.
6. Replace the end caps on the Oxygen and Moisture Removal Column with the two female pipe connectors. Apply Teflon tape to the female pipe connectors and tighten to the Oxygen and Moisture Removal Column.
7. Connect the remaining long tube length to the Oxygen and Moisture Removal Column and tighten the compression nut 1-1/4 turns.
8. Connect the 2-foot tube length between the exhaust of the recirculating diaphragm pump and the other end of the Oxygen and Moisture Removal Column and tighten the compression nuts 1-1/4 turns on both ends.
9. The tubing is now fully installed and installation is complete.
10. **Do not turn on the recirculating diaphragm pump until oxygen levels are below 0.3% or 3000 ppm through purging with inert gas.**





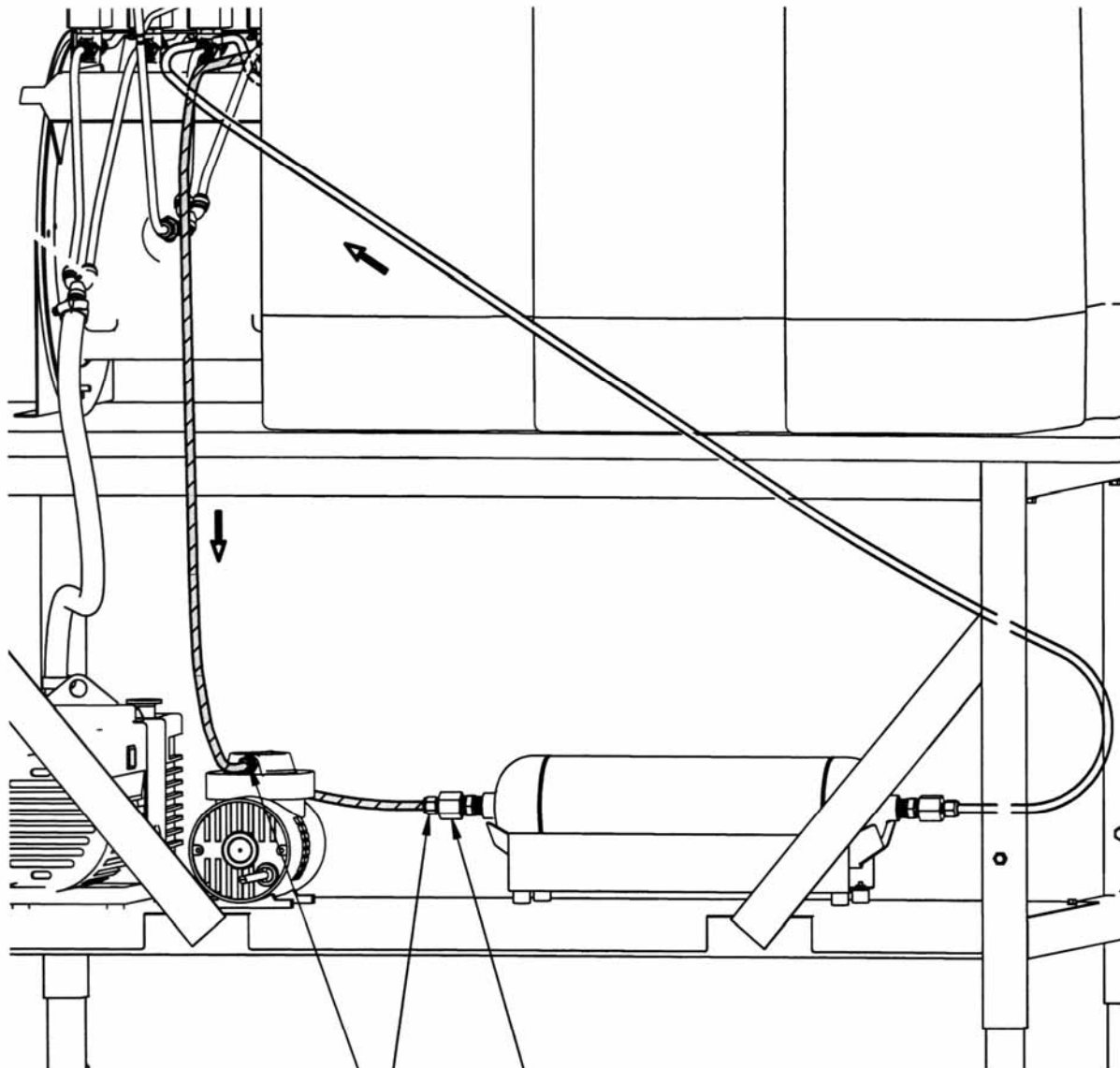
2	3	1409604	CONNECTOR, 3/8 TUBE TO 1/2 FEMALE PIPE
8	2	1409901	INSERT, TUBE - 3/8 TUBE OD X 1/4 ID
20 FT	1	7396209	TUBING, FEP - 3/8 OD X 1/4 ID
QTY.	ITEM	PART NO.	DESCRIPTION
PARTS LIST			

TUBING CONNECTIONS TO VALVES



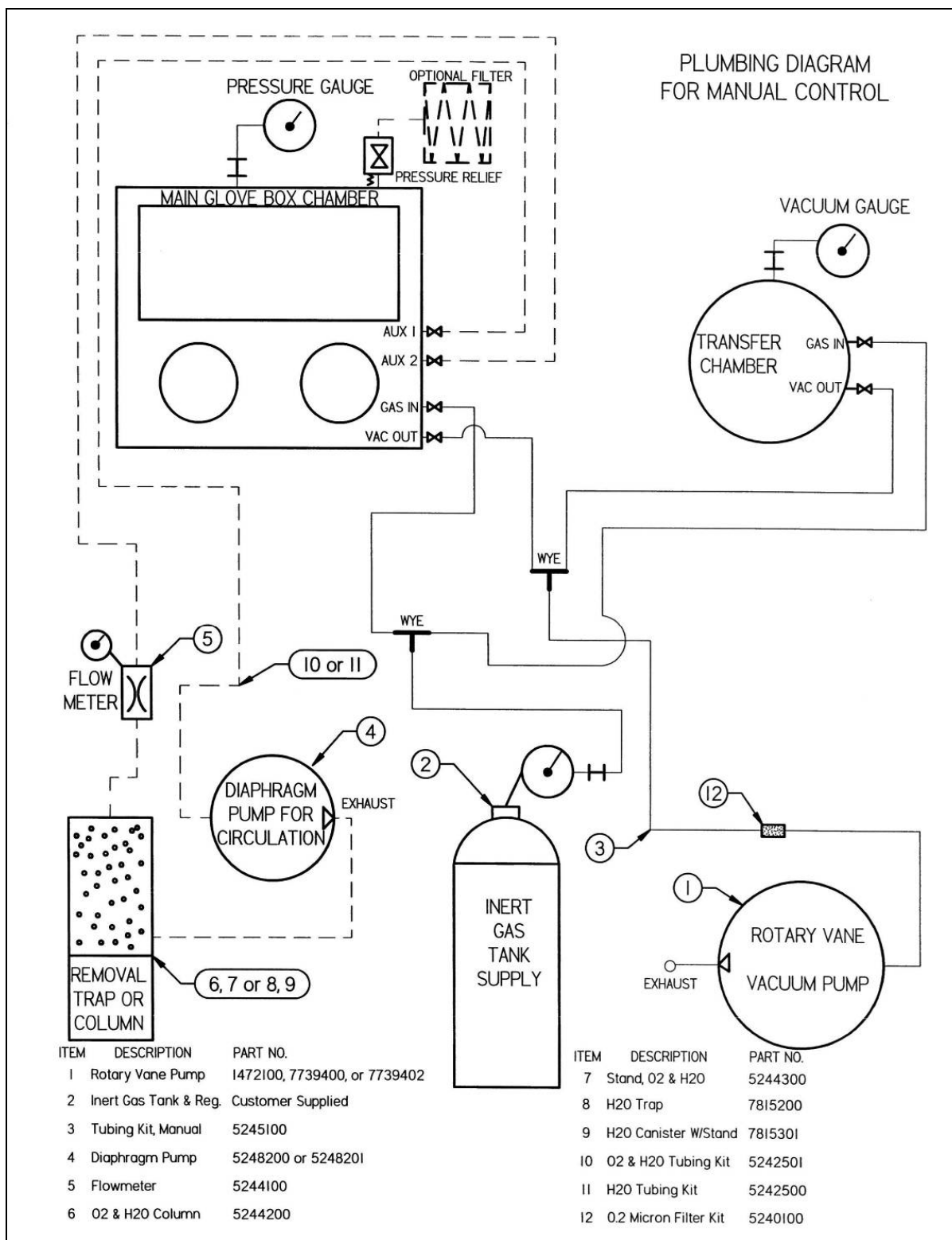
ASSEMBLE PARTS ONTO TUBING AS SHOWN, INSERT INTO FITTING AND TIGHTEN NUT FINGER TIGHT, THEN TIGHTEN WITH A WRENCH ANOTHER 1 1/4 TURNS

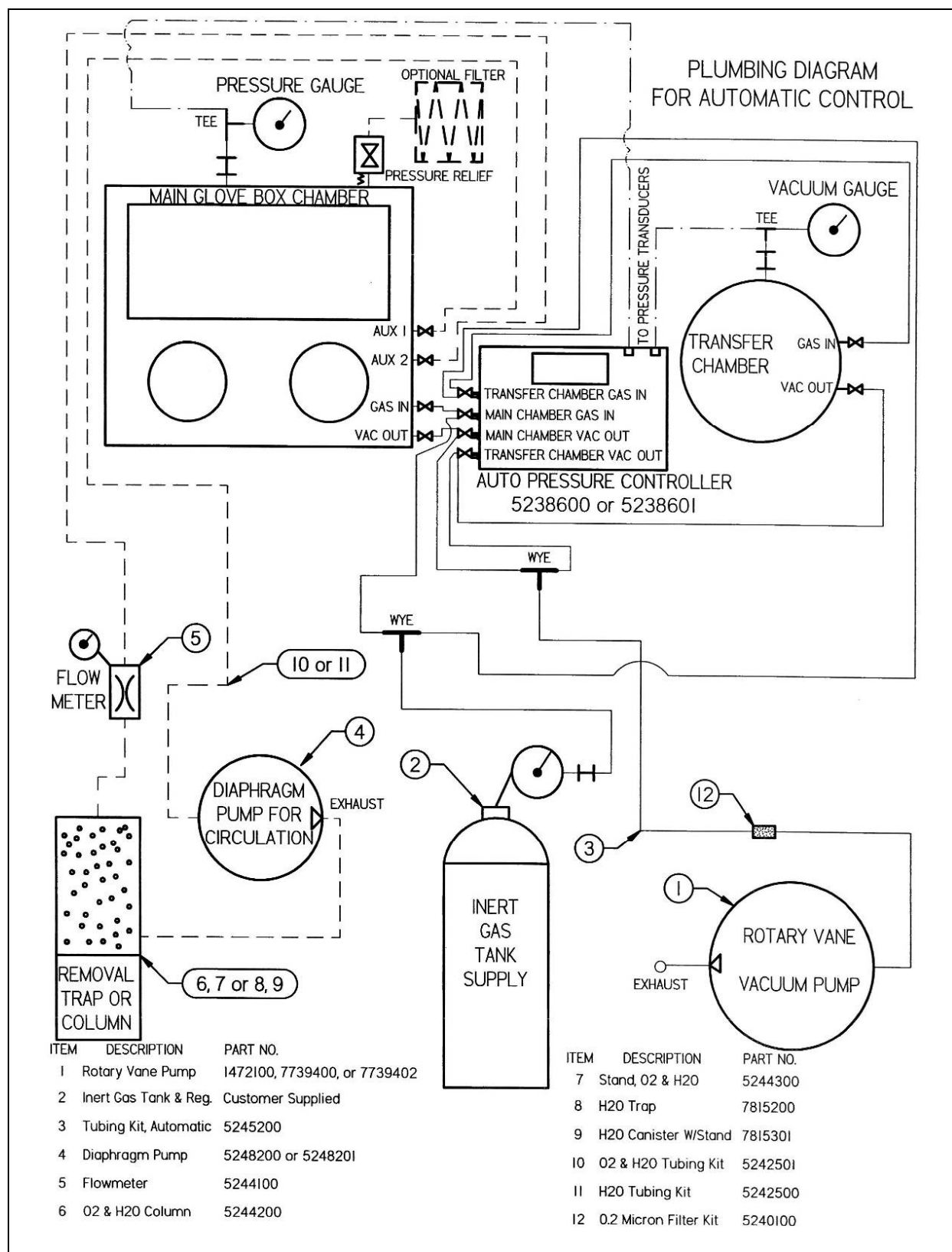
TUBING CONNECTIONS TO COLUMN AND PUMP



REFER TO PAGE 4 FOR PROPER
INSTALLATION OF FERRULES
AND TUBE INSERTS

REPLACE END CAPS WITH ITEM 3. SEAL THREADS
WITH PROPER SEALANT. SAVE END CAPS FOR
SEALING THE COLUMN WHEN RETURNING IT
FOR REGENERATION.





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.