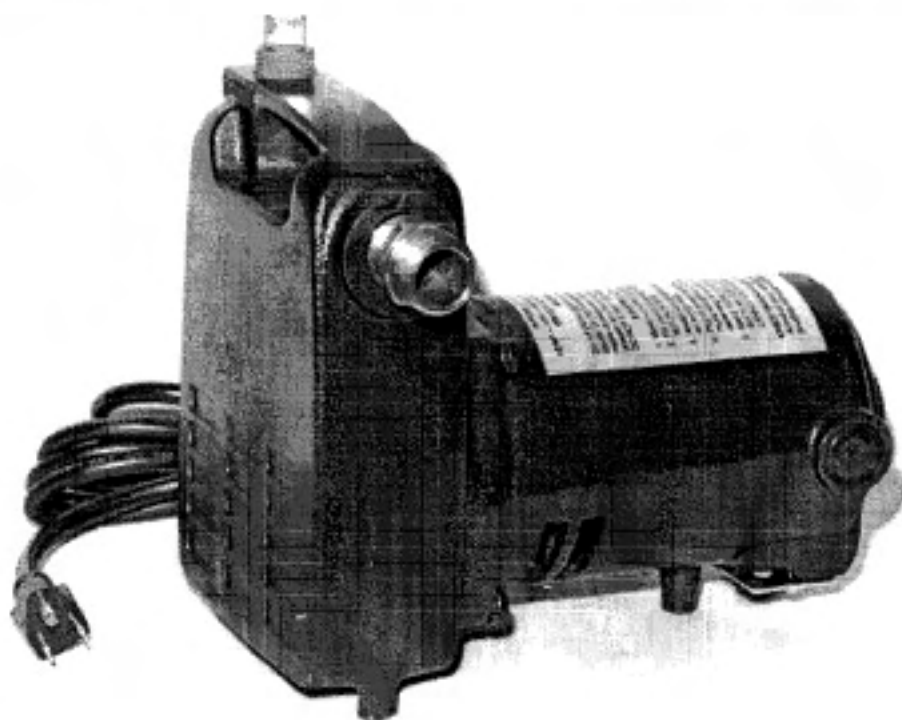


OPERATING INSTRUCTIONS



MODEL LP11 **COMMERCIAL REFRIGERANT RECOVERY UNIT**

NATIONAL REFRIGERATION PRODUCTS
985 WHEELER WAY • LANGHORNE, PA 19047
(215) 638-8909 • FAX (215) 638-9270

CAUTION...PUMP MUST BE FILLED WITH WATER BEFORE OPERATING.

**TRANSFER PUMP MODEL LP1 1
& HOSE KIT HK1 1 (OPTIONAL)
FOR TRANSFER OF LIQUID R-11 REFRIGERANT**

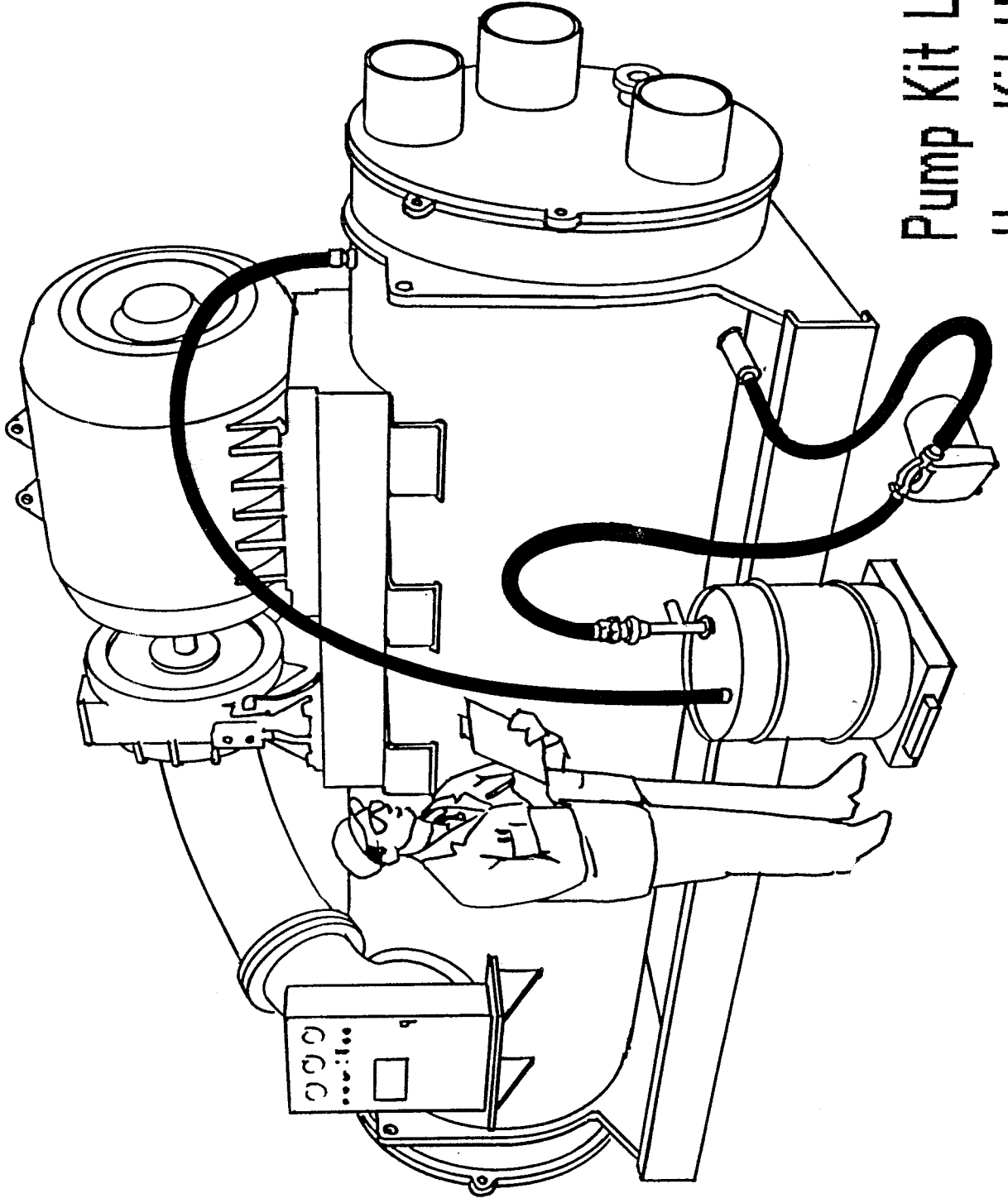
For safety reasons it is very important to fill all drums by weight in accordance with the drum supplier's instructions and ARI Guidelines.

- Do not overfill drums.
 - Do not mix different refrigerants in a drum. Mixture cannot be separated.
 - Always wear rubber gloves and goggles when transferring refrigerant.
 - Always use returnable drums approved for recovery.
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- The LP11 pump is designed to transfer R-11 liquid only.
 - Use of NRP Hose Kit Model HK1 1, which is specially designed to transfer R-11 refrigerant, is recommended. The HK1 1 eliminates the problem of having the proper fittings and connections when transferring R-11.
 - Voltage: 115 Volts, 1 PH, 60 HZ

Directions:

1. See attached drawing.
2. Connect one 15 Ft. Hose (from NRP HK1 1 Hose Kit) to bottom of condenser, evaporator or receiver and make sure liquid R11 is accessible. Then connect other end to inlet of pump.
3. Install 3/4" ID sight glass to be sure that pump handles liquid only. Install gage at pump outlet to insure that discharge pressure does not exceed 40 PSI. Then connect 8 foot hose. The quick connect end goes to the drum inlet to prevent spillage of R11 when changing drum.
4. Connect the second 15 foot hose between drum and top of evaporator. This avoids venting R11 Vapors. It also provides a means for the pressure to re-circulate.
5. Turn pump on. Fill drum by weight. Stop pump if you see vapor in sight glass. Pump is designed to handle liquid only and will be damaged if it runs dry.
6. To stop pumping, when cylinder is full or stop pumping for any reason turn off the lamp before shutting off valves to avoid over pressurization, which would damage pump.

R-II Liquid Refrigerant Transfer System



Pump Kit LP 11

Hose Kit HK 11

WARRANTY

NRP recovery equipment is warranted to be free of manufacturing defect. NRP will repair or give credit for repair at NRP choice if any NRP Recovery Units or accessories have manufacturing defects. Any warranty claim must be submitted in writing within 1 year of purchase with copy of invoice. In no event shall NRP be liable for the cost of labor charges, lost profits, injury to good will or any other special or consequential damages for defective goods, late delivery or non delivery. There are no warranties, which extend beyond the description on the fitness for specific purpose. Warranty does not cover damage by improper operation of pump abuse.