

**For use with:**

- Group II** R114
- Group III** R12, R134a, R401C, R406A, R500
- Group IV** R401A, R409A, R401B, R412A, R411A, R407D, R22, R411B, R502, R407C, R402B, R408A, R509
- Group V** R407A, R404A, R402A, R507, R407B, R410A



ARI  
Air Conditioning &  
Refrigeration Institute



### Specifications

- Air supply capacity: 40 CFM air at 100 PSI
- Vapor recovery: 1.40 lbs./min.
- Liquid recovery: 52 lbs./min.
- Unit weight: 125 Lbs
- Shipping weight: 158 Lbs
- Dimensions: 28" L x 26" W x 45" H
- Connections: 3/8" MFL Inlet, 3/8" MFL Outlet

### Applications

- Best suited for the industrial application where plant air is available
- Ideal for marine application
- Excellent for quick recovery in supermarkets or food plant systems which cannot afford downtime

### RATED IN ACCORDANCE WITH ARI STANDARD 740-98

Refrigerant Groups	Push/Pull Liquid Refrigerant	Liquid Refrigerant	Vapor Refrigerant	Shut-Off Vacuum
II	22 lbs./min.	9.4 lbs./min.	0.50 lbs./min.	15"
III	44 lbs./min.	16 lbs./min.	0.88 lbs./min.	15"
IV	52 lbs./min.	16 lbs./min.	1.25 lbs./min.	10"
V	20 lbs./min.	18 lbs./min.	1.26 lbs./min.	20"

\* May not be applicable for all refrigerant blends. Consult factory for proper application.

### To recover 200 lbs. or more, in high pressure systems.

The LV20 is designed for larger installations to transfer large quantities of liquid refrigerant.

The unit is mobile and mounted on a rugged steel frame for easy handling.

**The LV20 can pump clean or contaminated refrigerant liquid or vapor quickly and reliably without risk of damages due to slugging or running dry.**

The transfer system is an air driven oil-less positive displacement pump. The LV20, which includes a condenser/subcooler coil, will pump vapor and condense it for faster transfer.

The transfer unit can also be effectively used to charge systems with refrigerant. 40 CFM of compressed air at 100 PSI is required to operate the LV20 effectively.

With a lower air CFM or pressure, the capacity of the unit decreases. If plant air is not available, a 15 HP air compressor can be used.

**The LV20 does not require electric power.** The condenser fan air motor is factory piped to the air regulator. The two stage standard pumping feature allows for refrigerant recovery to 25" vacuum if required.

The LV20 is supplied with a unique patented condenser pump out system to avoid unnecessary venting of refrigerants.

**The LV20 is also available in a base mounted configuration. This version, Model LV20B, is convenient when it is necessary to carry the unit through small passages or access hatches.**

Filter Drier 163F supplied.

### Liquid and Vapor Recovery Diagram

