



ARI
Air Conditioning &
Refrigeration Institute



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

The LV8 recovery system is an air driven positive displacement pump which includes a 1.5 HP oil-less air compressor to power it.

The LV8, which includes a condenser/sub cooler coil, will pump vapor and condense it for faster transfer.

Any recovery cylinder with one or two valves can be used.

The NRP LV8 is very easy to use because it will pump either refrigerant liquid or vapor in the same way.

There is no need to change piping or setting of the unit. There is no risk of slugging the pump or risk of damage by running the pump dry. The LV8 will recover systems to 20" Hg vacuum.

The transfer unit may also be used very effectively to charge systems with refrigerant.

The LV8 can be used with plant air at 10 cfm, 100 PSI when available, instead of unit mounted air compressor.

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

C163F filter drier is supplied.

Specifications

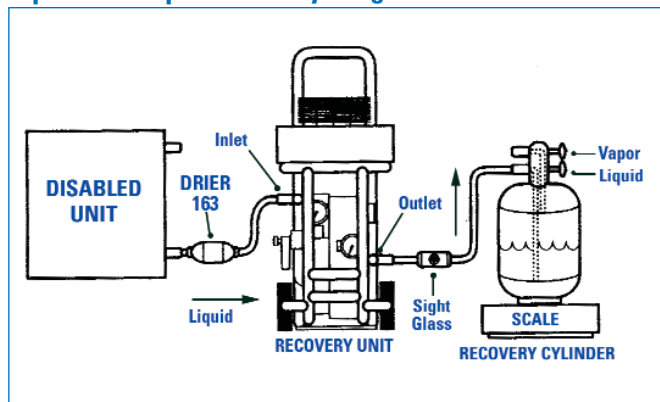
- Air Supply Capacity: 10 CFM air at 100 PSI
- Power: 1.5 HP, 10 Amps, 230 Volt, 60 Hz, 1PH, (LV8)
- 1.5 HP, 8.5 Amps, 220 Volt, 50 Hz, 1PH, (LV8E)
- 1.5 HP, 20 Amps, 115 Volt, 60 Hz, 1PH, (LV8/115)
- 1.5 HP, 3 Amps, 460 Volt, 60 Hz, 3PH, (LV8/460)

- Unit Weight: 169 Lbs
- Shipping Weight: 202 Lbs
- Dimensions: 24" L x 22" W x 45" H
- Connections: 3/8" MFL Inlet, 1/2" FPT Outlet

Applications

- High pressure chillers
- Supermarkets
- Large packaged A/C units
- In factory units
- Salvage yards

Liquid and Vapor Recovery Diagram



RATED IN ACCORDANCE WITH ARI STANDARD 740-98

Refrigerant Groups	Direct Liquid Refrigerant	Push/Pull Liquid Refrigerant	Vapor Refrigerant	Shut-Off Vacuum
GR II	9.20 lbs./min.	11.50 lbs./min.	0.22 lbs./min.	15"
GR III	15.00 lbs./min.	30.10 lbs./min.	0.30 lbs./min.	15"
GR IV	16.50 lbs./min.	32.45 lbs./min.	0.29 lbs./min.	10"

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