

# YJ-LTE™ Refrigerant Recovery System



## *The smallest, lightest, most powerful unit in its class*

Don't let the small size fool you. The new YJ-LTE™ Refrigerant Recovery System is packed with the features you need at a price your budget can handle. Like a built in purge circuit which eliminates the need for external equipment and makes for easy clearing at the end of the job. And superior condenser performance which means the recovery tank stays cooler for a longer period of time, allowing you to recover more refrigerant without high-pressure cut-out. And it's simple to operate, too, with a single valve, single gauge control panel.

### **Additional Features:**

- ½ hp, twin cylinder, oil-less compressor for fast recovery of Class III, IV and V refrigerants including R-410A
- Superior condenser design and performance:
  - System designed for high load conditions
  - Keeps tank up to 10° cooler
  - Allows gravity flow of recovered liquid to recovery tank

- Easy-to-read and extremely durable 2-1/2" liquid-filled condenser pressure gauge
  - Virtually no flutter under any condition
  - Protects against damage from pressure pulses
- Single valve control panel
  - Simple operation
  - Position for either recovery or purge
- Single gauge shows tank pressure during recovery and recovery unit internal pressure during purge
- Sealed compressor crankcase to minimize refrigerant loss over the life of the compressor
- Built-in purge circuit for easy clearing at the end of each job; no extra tanks or vacuum pumps required
- Cup-style piston seals for better performance under high pressure differentials
- Quiet running compressor performance
- Lightweight at 24 pounds
- One-year warranty

### **Specifications:**

Capabilities:	Vapor, liquid, push/pull
Refrigerants:	12, 22, 134a, 407C, 410A, 500, 500, 502, and other Class III, IV and V refrigerants
Compressor:	½ hp, twin cylinder, reciprocating, oil-less
Power Source:	115V/60 Hz
Amps:	8.0
High Pressure Shut-Off:	517 psi – auto reset
Operating Temperature:	40° to 122° F (4° to 50° C)
Approvals:	Performance tested by UL to ARI 740-98
Weight:	24 Lbs.
Dimensions:	9.0 (w) x 11.5 (h) x 13.5 (d) in. 22.86 (w) x 29.21 (h) x 34.29 (d) cm

UPC #	Description
95730	YJ-LTE™ Refrigerant Recovery System

Designed and assembled in the U.S.A



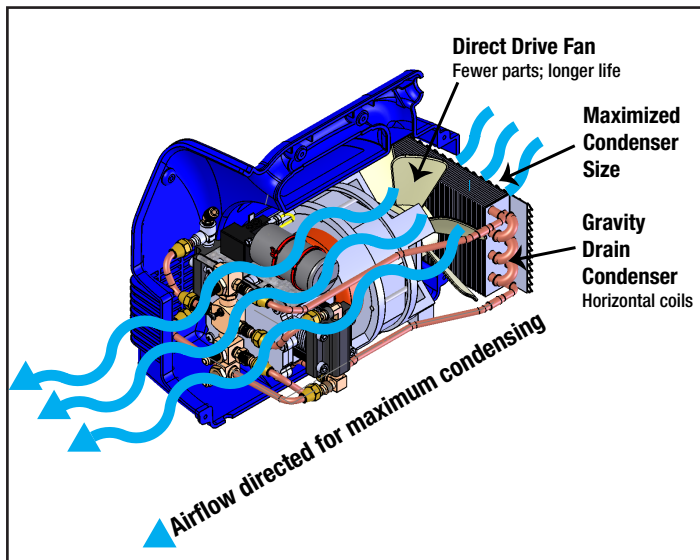
## Built-In High Side Pressure Gauge

- 2-1/2" Liquid-filled pressure gauge shows discharge pressure during recovery and internal pressure during purge.
- 0 - 40 bar; 0 - 600 psi helps you monitor recovery.
- Durable and easy to read under any conditions.



## Direct Drive Fan

- No gears, fewer parts, more reliable air flow
- No overheating and melting parts
- Cools the condenser first to help keep the recovery tank pressure lower



## Built-In Purge Circuit

- Changeover from liquid to vapor to purge
- No external equipment required
- Simple to use - move the hose and turn the selector button



## Built-In Condenser

- 24 in<sup>2</sup> (5/16" tubes) with gravity drain
- Reliable operation in high ambient conditions

## Displacement

- Largest displacement among lightweight recovery machines - 11.5 cc (.7 C.I.)

## Motor Speed

- Powerful 4 pole 1725 RPM CSIR motor

## Dimensions



## Recovery Ratings per UL\* ARI - 740-98 Vacuum Level: 15 inHg

	Lbs./min.				Kg./min.			
	Vapor	Push/Pull	Liquid	High Temp Vapor	Vapor	Push/Pull	Liquid	High Temp Vapor
R-22	0.37	9.17	6.83	0.28	0.17	4.16	3.10	0.13
R-407C	0.30	10.05	7.53	N/A	0.14	4.56	3.42	N/A
R-410A	0.35	10.91	9.27	N/A	0.16	4.95	4.20	N/A

\* UL and ARI tests are only one way to evaluate recovery speed, and rates are a "level field" comparison method. In other testing conditions, units can exhibit much higher rates.

Ritchie Engineering Co., Inc.  
 YELLOW JACKET Products Division  
 10950 Hampshire Avenue South  
 Bloomington, MN 55438-2623 USA  
 Phone: (800)769-8370 or (952)943-1333  
 e-mail: [custserv@yellowjacket.com](mailto:custserv@yellowjacket.com)  
[www.yellowjacket.com](http://www.yellowjacket.com)

