

YELLOW JACKET[®]
Recovery Machines —
for every refrigerant,
every size system



NEW
RecoverX[™] Family
of Refrigerant Recovery
Machines

YELLOW JACKET® Refrigerant Recovery Machines – the growing line for every size system

When you see the YELLOW JACKET® name on a hose, you know you've got the genuine item for industry proven performance. Today, you'll also find the YELLOW JACKET name on a line of refrigerant recovery machines for the smallest appliance to the largest system.

All are backed by the experience of having more units in the field than the total of many different competitive units combined.

Building block approach to select a system for your needs

Make your selection based on system size, your budget, and performance features that build through the line. On this page, start with the high speed of the RecoverXL. Add automatic operation with the RecoverXLT and then subcooling with the RecoverXLS System.

RecoverXLT and RecoverXLS include a 3-Year warranty on compressor

Every unit is full-function tested in the factory to help insure trouble-free operation. Results and a full 1-year warranty (3 year compressor warranty on RecoverXLT and RecoverXLS) are included with each RecoverX model.

Call **1-800-769-8370** for technical support for as long as you own the equipment. Telephone calls typically solve 90% of problems without returns. Technical support is also available in Europe. Replacement parts are easy to install and readily available through your YELLOW JACKET wholesaler.

Since Federal laws prohibit venting or blowing off a charge during service, a recovery unit is mandatory.

See page 10 for selection chart.

RecoverXL REFRIGERANT RECOVERY MACHINES – fast recovery of most refrigerants including R-410A



The YELLOW JACKET RecoverXL Machine provides fast recovery of Class III, IV, and V refrigerants including R-410A. Features include all of the following:

- Durability with proven 1/2 hp oil-less direct drive compressor. Permanently lubricated cylinder walls eliminate oil maintenance and compatibility problems
- Built-in mesh particulate filter to protect unit from dirty systems
- “On-the-fly” purge with simple turn of a knob to remove residual refrigerant and help prevent cross contamination

The weight of all units balance away from the side of your leg for easier carrying on a long walk to the back of a house or a long climb to a roof top.

- Easy, intuitive use with single-valve set-up and no hose switching (patent pending)



UPC#	Description	Compressor
95740	RecoverXL 115/60 Hz	1/2 hp oil-less
95753	RecoverXL 230/50 Hz (Euro plug)	1/2 hp oil-less

- Quiet running with components nested to reduce vibration and noise. Oil-less compressor is inherently quiet. Tough HDPE case dampens vibration rather than amplify it like metal
- High volume air flow ducted over large condenser for cool running even in high ambient temperatures
- Controls and gauges inset for protection and angled for easy access and viewing
- High strength construction for rugged use, yet lightweight at less than 33 pounds. (14.78 kg). Rounded corners help protect you and your customers property from scrapes



Convenient cord storage.



High efficiency fan keeps air moving across the condenser for cool running even in high temperature operating conditions.

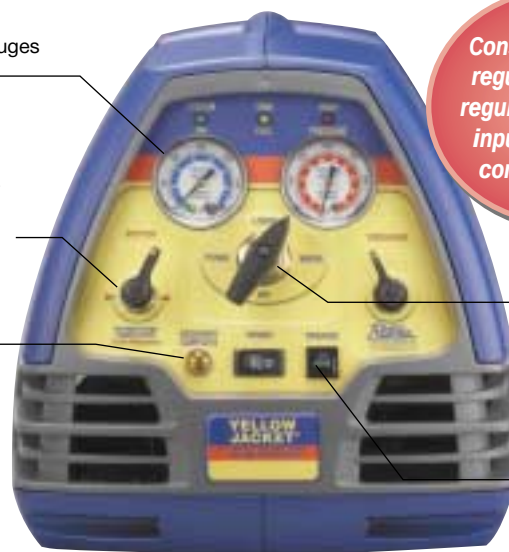
RecoverXLT UNIVERSAL RECOVERY MACHINES – adds fully automatic operation to the full features of RecoverXL

R-410A ready color-coded gauges (500 low side; 800 high side)

Reusable mesh particulate filter inserts into suction port for protection

Recovery complete indicator

95762 (Shown)



Constant pressure regulator valve to regulate refrigerant input and protect compressor life.

Single valve control for easy changeover from liquid to vapor to purge (patent pending)

Circuit breaker

Start with the features of the RecoverX and add **fully automatic operation** for every refrigerant.

- Single valve control for easy changeover from liquid to vapor to purge (patent pending)
- CPR valve regulates refrigerant to the compressor. Eliminates the need for the technician to throttle the suction valve. Protects the life of your compressor, and your investment
- Advanced 1/2 hp, 3425 rpm oil-less compressor with precision valves manufactured in an ISO-9001 facility
- Recovers refrigerant and shuts off when unit reaches 15" of vacuum. Unit will automatically restart if system pressure rises
- LED signals recovery completion
- High efficiency fan keeps air moving across condenser for cool running even in hot weather
- Senses back pressure from tank and shuts off automatically at 520 psi for safety
- Single high pressure safety switch
- Reusable mesh particulate filter inserts into suction port for protection. Simple cleaning eliminates replacement due to clogging
- Color-coded hook-ups for proper use
- "On-the-fly" purge with simple turn of a knob to remove residual refrigerant and help prevent cross contamination
- Designed and manufactured in USA
- Tested by UL to ARI 740-98

See refrigerant ratings chart for all machines on page 10.

UPC#	Description	Compressor
95760	RecoverXLT 115/60 Hz	1/2 hp oil-less
95762	RecoverXLT with tank overfill switch 115/60 Hz	1/2 hp oil-less
95763	RecoverXLT 230/50 Hz (Euro plug)	1/2 hp oil-less
95767	RecoverXLT 230/50 Hz (UK plug)	1/2 hp oil-less

RecoverXLS UNIVERSAL RECOVERY MACHINES – adds **subcooling** to the RecoverXLT

**Available
in Spring
2007**

When ambient temperatures go up at a service site, refrigerant in the recovery tank gets hot and expands to increase pressure, reducing recovery speed. You could either ice the tank to cool and condense the contents or just flip the subcooling switch on the new RecoverXLS Machine. The switch is faster and more convenient. Subcooling lowers the temperature of refrigerant below its dew point. In subcooling mode the RecoverXLS draws hot vapor from the recovery tank and it goes back through the condenser. The vapor is cooled and returned to the tank as a liquid to lower tank temp and pressure. With a cooler tank and lower pressure, you can fill the tank more quickly with more refrigerant on hot days, and help maximize compressor life.

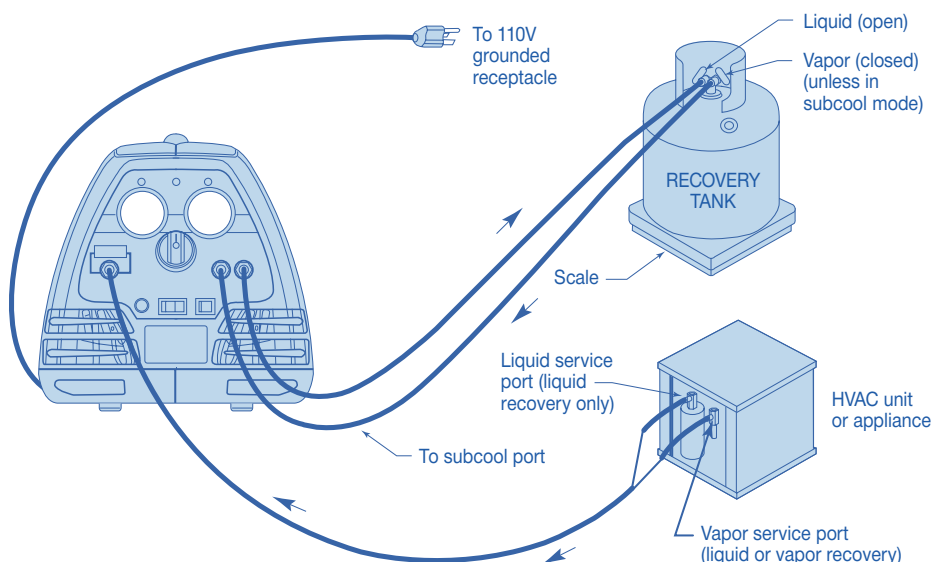
Set-up is a simple 3-hose hook-up when connecting the

RecoverXLS to the system and tank. Like the RecoverXLT recovery is automatic. Simply connect the “vapor out” from the recovery tank to the subcooling port on the RecoverXLS. No refrigerant will flow while the subcooling switch is “Off.”

Turn the suction valve to the “Off” position and the subcooling switch “On.” Vapors will be collected from

the recovery tank, circulated through the RecoverXLS condenser, and then returned to the recovery tank as cooled liquid to lower both tank temperature and pressure.

Simply flip the switch to the “Off” position when the tank has cooled to the desired level and continue the recovery process as usual.



RecoverX REFRIGERANT RECOVERY MACHINES – cost-effective for smaller systems and push/pull liquid applications



This economical recovery unit builds on the performance and success of the original YELLOW JACKET® RecoverX

Recovery Machine – over 50,000 sold. New features include the following:

- Maximum air flow and cool running even in high ambient temperatures. High efficiency fan keeps air moving across condenser
- High strength HDPE case for light weight and rugged use. Rounded corners help protect you and your customers from nicks and scrapes
- Whisper-quiet 1/6 hp oil-filled reciprocating hermetic compressor

charged with polyol ester oil. Oil drain port for easy maintenance

- Controls and gauges inset for protection and angled for easy access and viewing
- High pressure switch with automatic reset and external circuit breaker
- Designed and manufactured in USA

See page 10 for performance and selection chart.

UPC#	Description	Compressor
95700	RecoverX 115/60 Hz	1/6 hp hermetic

R 100 SERIES REFRIGERANT RECOVERY MACHINES – the speed you need for larger commercial jobs

This is the high speed system for large quantity refrigerant transfer, junkyard transfer, supermarket rack systems, and other larger commercial jobs.

- Fast twin cylinder 1 hp oil-less compressor recovers direct liquid at up to 5 lbs./min., or .6 lbs./min. vapor per ARI 740-95
- High capacity 6" muffin fan and oversized 3/8" slit fin condenser with 3-pass path for cool running in high ambient temperatures
- Tank overflow sensor
- Built-in reusable mesh particulate filter to protect from dirty systems
- "On-the-fly" purge with simple turn of a knob to remove residual refrigerant and help prevent cross contamination
- Designed and manufactured in USA

See page 10 for performance and selection chart.

UPC#	Description	Compressor
95100	R 100 Refrigerant Recovery System 115/60 Hz	1 hp oil-less dual cylinders



MESH PARTICULATE FILTER



Mesh particulate filter for YELLOW JACKET® Recovery Machines remove particles to protect units. Easy to clean and reuse, or replace.

UPC#	Description
95134	Screens R 50a, R 70a Series (4 pk)
95136	Screens R 80a, R 100 Series (4 pk)
95139	Screens R 60 and R 60a Series (4 pk)
95141	Screens RST, R 50 (4 pk)
95457	Replacement filter screen for RecoverX family

RECOVERY BURNOUT FILTER for dirty systems



High capacity inline filter drier removes moisture and oil breakdown products, as well as acid from burnt out systems. Attaches directly to refrigerant recovery system with a 1/4" female and a 1/4" male connection. UL and CSA listed.

UPC #	Description
95014	Recovery filter

SIGHT GLASS



Use with YELLOW JACKET RecoverX and RecoverXL machines. Indicates when all liquid has been recovered so you can switch immediately to vapor cycle and speed-up the recovery process. 1/4" flare x 1/4" female flare.

UPC #	Description
41125	Sight glass with 1/4" connections

MACHINE PARTS FOR R 50a, R 60a, R 70a, R 100 (old machine)

UPC#	Description
95121	Compressor kit for oil-less units
95122	Eccentric and bearing assembly for R 60/R 60a, R 70a
95123	Compressor service kit for R 50/R 50a
95124	Compressor service kit for R 100
95125	Eccentric and bearing assembly for R 50/R 50a, R 100
95126	Compressor overhaul kit for R 100
95148	Conversion for 3 pin Brad Harrison to Thermoflo adapter
95150	TOS 80% overfill kit for R 50a
95188	Shorting cap
95230	Head and valve plate assembly for oil-less machines
95287	Connecting rod for R 60/R 60a, R 70a .750 stroke
95341	Connecting rod for R 50/R 50a, R 100 .600 stroke
95342	Repl. brass bulkhead fitting for R 50a, R 60a, R 70a
95343	Repl. "O"-ring for R 50a, R 60a, R 70a (3-pk)

PARTS FOR RecoverX MACHINES

UPC#	Description
95156	Circuit breaker - 12 AMP
95190	Capacitor
95187	Relay
95188	Shorting cap for umbilical cord
95210	Large cord strain relief bushing
95215	Power cord
95216	Rocker switch
95218	Oil-less compressor 115V, 60 Hz
95248	Umbilical cord overflow sensor
95253	Solid state board w/ remote LED's
95291	Green LED light
95292	Yellow LED light
95293	Red LED light
95294	Fan clip
95325	High pressure switch
95338	Low pressure switch
95444	Case, front
95445	Case, rear
95446	Case half (both halves)
95447	Case, cord wrap
95448	Aluminum frame
95449	Compressor bracket grommet
95450	Condenser coil
95451	High pressure gauge
95452	Low pressure gauge
95453	Manifold assembly
95454	CPR valve
95455	Fan blade
95456	Neon lamp
95457	Replacement filter screen

REFRIGERANT RECOVERY PLIERS



See Page 109.

RECOVERY MACHINES AT A GLANCE



Domestic	RecoverX #95700	RecoverXL #95740	RecoverXLT #95760	R100 #95100
Recovery capabilities	Vapor and push/pull	Vapor, liquid, push/pull	Vapor, liquid, push/pull	Vapor, liquid, push/pull
Compressor	1/6 hp oil filled hermetic	1/2 hp oil-less	1/2 hp oil-less	1 hp oil-less twin cylinder
Weight	29.0 lbs. (13.15 kg)	31.0 lbs (14.07 kg)	32.6 lbs. (14.78 kg)	48 lbs. (21.8 kg)
Size LWH inches	19.3 x 12.4 x 12.5	19.3 x 12.4 x 12.5	19.3 x 12.4 x 12.5	14.7 x 12.1 x 12.7
Size LWH mm.	490 x 315 x 317	490 x 315 x 317	490 x 315 x 317	373 x 308 x 348
Refrigerant Compatibility	12, 22, 134a, 407C, 500, 502, HP, MP, blends	12, 22, 134a, 500, 502, HP, MP, blends	12, 22, 134a, 500, 407C, 410A, 502, HP, MP, blends	12, 22, 134a, 500, 502, HP, MP, blends and 407C, 410A and 407C, 410A
Volts/hertz	115V/60 Hz	115V/60 Hz or 230/50 Hz	115V/60 Hz or 230/50 Hz	115V/60 Hz
Tank over-fill sensor	No	No	Standard on 95762	Standard
Low pressure shut-off sensor	No	No	Standard	Standard
Inlet mesh filter screen	No	Included	Included	Included
Inlet filter dryer	Optional Filter available for use on contaminated and burn-out systems, use a filter of adequate size. See page 9.			
Suction and pressure gauges	Standard	Standard	Standard	Standard
Upgraded higher pressure gauges	No	Standard	Standard	No
Suction and pressure				
Upgraded single higher pressure switch	No	Standard	Standard	No
External circuit breaker	Standard	Standard	Standard	Standard
Warranty	1 year parts and labor	1 year parts and labor	1 year parts and labor; 3 years compressor	1 year parts and labor
Certified to ARI standard	ARI 740-95	ARI 740-98	ARI 740-98	ARI 740-98
Testing agency	UL	UL	UL	UL
CUL listed	Yes	Yes	Yes	No
Recovery ratings per ARI in lbs./min.	740-95	740-98	740-98	740-98
	Vapor Push/Pull Liquid	Vapor Push/Pull Liquid	Vapor Push/Pull Liquid	Vapor Push/Pull Liquid
R-12	0.24 10.43 N/A	0.31 13.12 1.68	0.37 12.81 1.98	0.37 14.09 3.70
R-22	0.29 8.77 N/A	0.31 13.12 1.68	0.37 12.81 1.98	0.44 16.87 3.70
R-134a	0.20 9.33 N/A	0.31 13.12 1.68	0.37 12.81 1.98	0.31 15.04 3.51
R-407	N/A N/A N/A	0.95 11.88 1.65	N/A N/A N/A	N/A N/A N/A
R-410A	N/A N/A N/A	0.42 11.60 1.68	0.42 11.60 1.68	N/A N/A N/A
R-500	0.24 9.66 N/A	0.31 13.12 1.68	0.37 12.81 1.98	0.37 14.93 3.68
R-502	0.24 7.61 N/A	0.55 13.18 2.29	0.66 12.90 2.65	0.60 16.76 5.16
ARI ratings stated in kg./hr.*	Vapor Push/Pull Liquid	Vapor Push/Pull Liquid	Vapor Push/Pull Liquid	Vapor Push/Pull Liquid
R-12	6.60 283.80 N/A	8.40 357.00 45.60	10.20 348.60 54.00	0.17 6.39 1.68
R-22	7.80 238.80 N/A	8.40 357.00 45.60	10.20 348.60 54.00	0.20 7.65 1.68
R-134a	5.40 253.80 N/A	8.40 357.00 45.60	10.20 348.60 54.00	0.14 6.82 1.59
R-407	N/A N/A N/A	25.80 323.40 45.00	N/A N/A N/A	N/A N/A N/A
R-410A	N/A N/A N/A	11.40 315.60 45.60	11.40 315.60 45.60	N/A N/A N/A
R-500	6.60 262.80 N/A	8.40 357.00 45.60	10.20 348.60 54.00	0.17 6.77 1.67
R-502	6.60 207.00 N/A	15.00 358.80 62.40	18.00 351.00 72.00	0.27 7.60 2.34

* ARI tests are only one way to evaluate recovery speed. In other testing conditions the units can exhibit much higher performance rates. ARI rates are a "level field" comparison method. Performance test results for all units can be found at www.ari.org/directories/rrre/rrre-directory.pdf

REFRIGERANT RECOVERY CYLINDERS

These gray/yellow 30 and 50 lb. cylinders feature "Y" valve for liquid/vapor, 400 psi rating, and 3/4" plug for a float switch.



UPC #	Description
95002	30 lb. R-410A cylinder 400 psi
95007	50 lb. R-410A cylinder 400 psi
95012	30 lb. R-410A cylinder 400 psi with float switch
95013	50 lb. R-410A cylinder 400 psi with float switch
95008	"Y" valve for 30 lb. cylinder
95009	Liquid level switch for 30 and 50 lb. Worthington and Manchester cylinders only with 3-pin Brad Harrison connection
95010	Liquid level switch for 30 and 50 lb. Amtrol cylinders only with 3-pin Brad Harrison connection
95011	"Y" valve for 50 lb. cylinder

THE TRAP SEPARATOR

High porosity filter effectively traps sealant, dye, and lubricant so only pure refrigerant exits to your recovery equipment. Filter replacement is easy in less than five minutes.



UPC #	Description
38087	The Trap Separator - 1/4" flare fittings
38081	Replacement Filter Pak

AUTOMOTIVE REFRIGERANT MANAGEMENT MACHINES (RMS) SERIES 800



Series 800 machines are the simplest, easiest-to-use A/C service centers helping technicians meet today's tough service standards. Operation is

quick and efficient, lowering A/C service costs.

The RMS 39800 Automatic and 39830 Automatic Plus provide full cycle recovery/recycle/evacuate/recharge to bring the vehicle back to factory spec with the press of one button. Both units offer:

- Oil injection
- Fast vacuum and powered charging
- Built-in self diagnostics
- Fully automatic air purging which constantly monitors and purges non-condensables
- Automatic shut-off
- Free training, set up, and lifetime technical support

- 50 pound storage tank

The “Plus” in the 39830 refers to the OEM-approved oil flush cycle that circulates refrigerant, removing oil for fast retrofits.

Choose the RMS 39810 (R-12) or RMS 39820 (R-134a) for the most economical automatic recovery/recycle solution. With these easy-to-use machines, just connect the quick-connect couplings to the vehicle and push the Recovery Recycle switch to complete the process. There are no confusing valves to remember to open or close. Rotate the vacuum timer to the vacuum time you select and the

optional YELLOW JACKET two-stage vacuum pump provides a deep vacuum. Scroll up the correct charge on the high visibility LCD and push the charge switch to quickly charge refrigerant.

Additional RMS 810/820 features:

- Automatic tank full and high pressure shut-offs
- 1/2 hp oil-filled hermetic compressor
- Advanced shock-resistant scale
- One touch Oil Injection
- One touch Oil Drain
- One touch Air Purge

UPC#	Description
39800	Fully automatic recover/recycle/evacuate/recharge/w/ 6 cfm vacuum pump 115V/60 Hz
39810	R-12 recover/recycle/recharge w/ 4 cfm vacuum pump 115V/60 Hz
39811	R-12 recover/recycle/recharge without vacuum pump 115V/60 Hz
39820	R-134a recover/recycle/recharge w/ 4 cfm vacuum pump 115V/60 Hz
39821	R-134a recover/recycle/recharge without vacuum pump 115V/60 Hz
39822	R-134a recover/recycle/recharge w/ 6 cfm vacuum pump 115V/60 Hz
39830	Fully automatic “plus” recover/recycle/flush/evacuate/recharge/w/ 6 cfm vacuum pump 115V/60 Hz
39831	39830 with refrigerant identifier
39832	39830 with printer
39833	39830 with refrigerant identifier and printer
39870	Fully automatic dual unit for R-12 and R-134a
38079	Protective cover for 39830
39052	Protective cover for 39870

Frequently Asked Questions

1. For what refrigerants are RecoverX family of Refrigerant Recovery Machines?

They are tested by UL to ARI 740-98 (740-95 for 95700) and approved for medium pressure refrigerants R-12, R-134a, R-401C, R-406A, R-500; medium high pressure refrigerants R-401A, R-409A, R-401B, R-412A, R-411A, R-407D, R-22, R-411B, R-502, R-407C, R-402B, R-408A, R-509; and high pressure refrigerants R-407A, R-404A, R-402A, R-507, R-407B, R-410A (RecoverXL and RecoverXLT).

2. Is ARI the only testing agency?

No. ARI is only a certifying agency that hires another agency to perform

the actual testing. UL is also EPA approved as a testing and certifying agency. YELLOW JACKET Machines are UL tested for performance. Some YELLOW JACKET Machines are tested to CSA, CUL, CE, and TÜV safety standards which go beyond the ARI performance standards.

3. Can I compare machines by comparing their ARI or UL ratings?

Yes. ARI and UL test standards should be the same. And remember that manufacturers can change the conditions under which they test their own machines to give the appearance of enhanced performance. Only ARI and UL test results provide consistent

benchmarks and controls on which to make objective comparisons.

4. How dependable are YELLOW JACKET Refrigerant Recovery Machines?

YELLOW JACKET equipment has been tested at thousands of cycles, and are backed with the experience of units in the field since 1992.

5. Is pumping liquid the fastest way to move refrigerant?

Yes, and the RecoverX, RecoverXL, RecoverXLT, RecoverXLS, and R 100 monitor liquid flow at a rate safe for the compressor. In YELLOW JACKET lab testing, over 80,000 pounds of

(Continued on next page.)

Frequently Asked Questions (continued)

liquid R-22 were continuously and successfully pumped. That's the equivalent of refrigerant in over 25,000 typical central AC systems.

6. What is the push/pull recovery method?

Many technicians use this recovery method, particularly on large jobs. By switching the RecoverX, RecoverXL, RecoverXLT, RecoverXLS, or R 100 discharge valve to "purge" during push/pull recovery, the condenser is by-passed, increasing the "push" pressure and speeding the recovery.

7. Why do the RecoverX through R 100 feature a built-in filter?

Every recovery machine requires an in-line filter to protect the machine against the particles and "gunk" that can be found in failed refrigeration systems. For your convenience, the RecoverX, RecoverXL, RecoverXLT, RecoverXLS, and R 100 Series incorporate a built-in 100-mesh filter that you can clean, and if necessary, replace. The filter traps 150 micron particles and protects against the dirtiest systems to maximize service life. In case of a burn-out, an acid core filter/drier is mandatory. The YELLOW JACKET filter is built-in to prevent breaking off like some competitive units with external filters. See page 9.

8. What is auto purge and how does it work?

At the end of each cycle, several ounces of refrigerant can be left in the recovery machine to possibly contaminate the next job, or be illegally vented. Many competitive recovery machines require switching hoses, tuning the unit off and on, or other time-consuming procedures. The RecoverX, RecoverXL, RecoverXLT, RecoverXLS, and R 100 can be quickly purged "on the fly" with a simple turn of the single control valve. In a few seconds,

all residual refrigerant is purged into the recovery tank and you're finished. Purging is completed without switching off the recovery unit.

9. Can increased airflow benefit recovery cylinder pressure?

Yes. For reliable performance in high ambient temperatures, YELLOW JACKET units are engineered with a larger condenser and more aggressive fan blade with a greater pitch. This allows the unit to run cooler and keeps the refrigerant cooler in the recovery cylinder.

10. Can I service a YELLOW JACKET System in the field?

Although YELLOW JACKET Machines feature a full one year warranty, there are times when a unit will need a tune-up. The service manual with every unit includes a wide variety of information such as tips to speed recovery, troubleshooting guides, and parts listings. On the side of every unit, you'll find hook-up instructions, a quick start guide, and simple tips for troubleshooting. And if ever in doubt, just call 1-800-769-8370 and ask for customer service.

All service and repair parts are readily available through your nearest YELLOW JACKET wholesaler.

11. Are there any recovery machines certified for R-410A?

The YELLOW JACKET RecoverXL, (95753 and 95756), RecoverXLT, and RecoverXLS series have also been UL tested and certified for high-pressure gases such as R-410A that are covered under ARI 740-98.

12. What features should I demand in a system to be used for R-410A?

Look for the following three features as a minimum:

- A) High volume air flow through a large condenser to keep the unit running cooler and help eliminate cut-outs in high ambient temperatures.
- B) Single automatic internal high pressure switch for simple operation.
- C) CPR valve rated to 600 psi for safety and it eliminates the need to monitor and regulate the unit during recovery.

13. What is a CPR valve?

The CPR (Constant Pressure Regulator) valve is the feature that makes the YELLOW JACKET RecoverXLT and RecoverXLS the first truly automatic recovery machines for every refrigerant. The 600 psi rated high pressure switch covers all refrigerants and eliminates the need for a control panel with two selector switches, one for R-410A and a second for medium pressure.

The CPR valve automatically reduces the pressure of the refrigerant being recovered. Regardless of which refrigerant, input is automatically regulated through a small orifice that allows refrigerant to flash into vapor for compression without slugging the compressor. Throttling is not required.

Under normal conditions, you could turn the single control valve to the "liquid" or "vapor" setting. The machine will complete the job while you work elsewhere.

14. With the YELLOW JACKET RecoverXLT design, do I have to manually reset a pressure switch between medium and high pressure gasses?

No. Some competitive machines require you to choose between medium and high pressure gas settings before recovery. You'll see the switch on their control panels. With the YELLOW JACKET RecoverXLT, the single internal automatic high pressure switch makes the choice for you. That's why only RecoverXLT is truly automatic.

Additional Information For additional questions and answers or more information, please contact the factory at the address on the back cover or visit our website at: www.yellowjacket.com