

REFRIGERANT RECOVERY SYSTEMS





YELLOW JACKET®

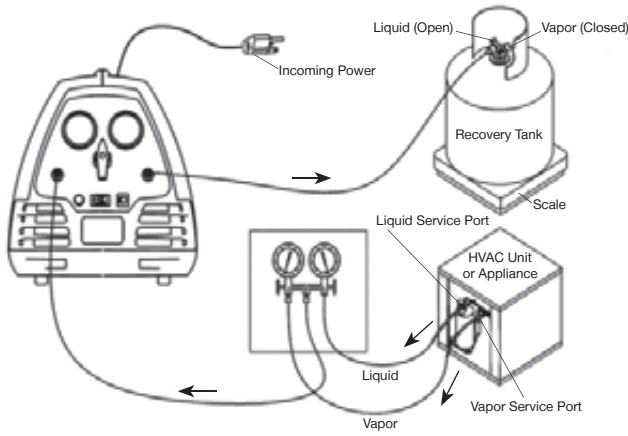
RecoverXLT Refrigerant Recovery Machine

Fully automatic operation for fast recovery of Class III, IV and V refrigerants including R-410A, backed by the best warranty in the industry

The CPR (Constant Pressure Regulator) valve automatically reduces the pressure of the refrigerant being recovered – regardless of which refrigerant – without slugging the compressor.

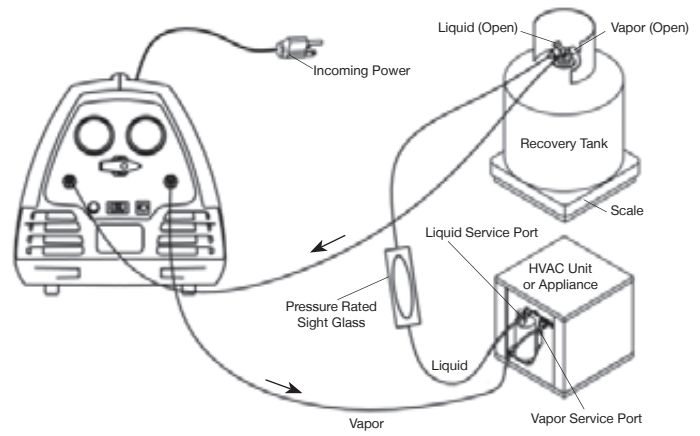
Turn the single control valve to “liquid” or “vapor” settings, and the machine will complete recovery while you work on other aspects of the job.





Liquid and Vapor Recovery Set Up

- Liquid recovery is the fastest method, but not all equipment can handle the process
- Vapor recovery is slower than liquid recovery, but is the most commonly used recovery method
- Liquid and vapor recovery are performed the same way, but liquid recovery requires a connection to the high side of the system



Push/Pull Recovery Set Up

- Quickly removes liquid refrigerant, but requires hose connection change to recover vapor refrigerant
- Works best when recovering more than 10 pounds of refrigerant
- Make sure system will allow a solid column of liquid to form, does not have a heat pump or reversing valve and does not have an accumulator

- Single valve control for easy changeover from liquid to vapor to purge
- Constant Pressure Regulator (CPR) valve regulates refrigerant to the compressor. Eliminates the need for technician to throttle the suction valve
- 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 13" of vacuum. Unit will automatically restart if system pressure rises
- Indicator signals "recovery complete"
- Quiet running with components nested to reduce vibration and noise. Oil-less compressor is inherently quiet
- Controls and gauges inset for protection and angled for easy access and viewing

- Senses back pressure from tank and shuts off automatically at 517 psi for safety
- Reusable mesh particulate filter inserts into suction port for protection. Simple cleaning eliminates replacement due to clogging
- "On-the-fly" purge with simple turn of a knob to remove residual refrigerant and help prevent cross-contamination
- High efficiency fan keeps air moving across condenser for cool running even in hot weather
- High strength HDPE case for lightweight and rugged use. Rounded corners help protect from nicks and scrapes
- Single high pressure safety switch - external circuit breaker
- Includes three-year compressor warranty
- Made in the USA
- Tested by UL to ARI 740-98



95760



Convenient cord storage

RecoverXLT REFRIGERANT RECOVERY MACHINE

UPC#	Description
95760	RecoverXLT 115V/60 Hz
95762	RecoverXLT with tank overflow switch 115/60 Hz
95763	RecoverXLT 230V/50 Hz (Euro and UK plug)
95765	RecoverXLT 110V/50 Hz (IEC 60309 plug)
95766	RecoverXLT 230V/50 Hz Euro plug (French)
95768	RecoverXLT 230V/50 Hz (AU and NZ plug)


RecoverX REFRIGERANT RECOVERY MACHINE



95700

The RecoverX builds on the performance and success of the original YELLOW JACKET RecoverX Recovery Machine.

Cost-effective for smaller systems and push/pull applications.

- Maximum air flow and cool running even in high ambient temperatures. High efficiency fan keeps air moving across condenser
- High strength HDPE case for lightweight 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
- Made in the USA 
- Tested by UL to ARI 740-95

UPC#	Description
95700	RecoverX 115V/60 Hz

FREQUENTLY ASKED QUESTIONS

1. How long has YELLOW JACKET® been manufacturing refrigerant recovery machines?

YELLOW JACKET began manufacturing refrigerant recovery machines in 1991.

2. What refrigerants can RecoverX and RecoverXLT Refrigerant Recovery Machines recover?

All YELLOW JACKET refrigerant recovery machines are tested by UL to either ARI 740-95 (RecoverX) or ARI 740-98 (RecoverXLT) and approved for medium (R-12, R-134a, R-401C, R-406A and R-500) and medium-high pressure refrigerants (R-22, R-401A, R-401B, R-402B, R-407C, R-407D, R-408A, R-409A, R-411A, R-411B, R-412A, R-502 and R-509). RecoverXLT is also approved for high-pressure refrigerants (R-402A, R-404A, R-407A, R-407B, R-410A and R-507).

3. 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, turning the unit off and on, etc. The RecoverXLT can be quickly purged with a simple turn of the single control valve. In a few seconds, all residual refrigerant is purged into a recovery tank. Purging is completed without turning off the recovery unit.

4. Why do YELLOW JACKET recovery machines 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. The RecoverX, RecoverXLT and R 100 incorporate a built-in 80-mesh filter that you can clean and replace, if necessary. 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 (P/N 95014).

5. Can increased airflow benefit recovery cylinder pressure?

Yes. For reliable performance in high ambient temperatures, YELLOW JACKET machines 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.

6. Can I service a YELLOW JACKET system in the field?

Yes. The operation manual which comes with every unit includes a wide variety of information such as tips to speed recovery, troubleshooting and parts listings. On the side of every unit you'll find hook-up instruction, a quick start guide and simple tips for troubleshooting. If needed, call 1-800-769-8370 and ask for technical service. Training DVD's are available upon request by calling 1-800-769-8370 or visiting www.yellowjacket.com.

RECOVERY MACHINE COMPARISON CHART

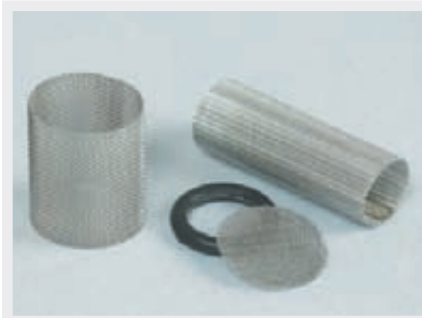
Features	RecoverX #95700	RecoverXLT #95760/95762	RecoverXLT #95763/95766/95768	RecoverXLT #95765								
Recovery capabilities	Vapor and push/pull	Vapor, liquid, push/pull	Vapor, liquid, push/pull	Vapor, liquid, push/pull								
Compressor	1/6 hp oil-filled hermetic	1/2 hp oil-less	1/2 hp oil-less	1/2 hp oil-less								
Weight	29.0 lbs. (13.15 kg)	32.6 lbs. (14.78 kg)	32.6 lbs. (14.78 kg)	32.6 lbs. (14.78 kg)								
Size L x W x H inches Size L x W x H mm.	19.3 x 12.4 x 12.5 490 x 315 x 317	19.3 x 12.4 x 12.5 490 x 315 x 317	19.3 x 12.4 x 12.5 490 x 315 x 317	19.3 x 12.4 x 12.5 490 x 315 x 317								
Refrigerant compatibility	12, 22, 134a, 407C, 500, 502, MP and blends	12, 22, 134a, 407C, 410A, 500, 502, HP, MP and blends	12, 22, 134a, 407C, 410A, 500, 502, HP, MP and blends	12, 22, 134a, 407C, 410A, 500, 502, HP, MP and blends								
Volts/Hertz	115V/60 Hz	115V/60 Hz	230V/50 Hz	110V/50 Hz								
Tank overflow sensor	No	95760 No / 95762 Yes	No	No								
Low pressure shut-off sensor	No	Standard	Standard	No								
Inlet mesh filter screen	Included	Included	Included	Included								
Inlet filter dryer	Optional filter available for use on contaminated and burn-out systems; use a filter of adequate size (P/N 95014).											
Suction and discharge pressure gauges	Standard	Standard	Standard	Standard								
Upgraded higher suction and discharge pressure gauges	No	Standard	Standard	Standard								
Upgraded single higher pressure switch	No	Standard	Standard	Standard								
External circuit breaker	Standard	Standard	Standard	Standard								
Plug	U.S.	U.S.	95763 Euro and UK 95766 Euro 95768 AU and NZ	IEC 60309								
Warranty	1 year parts and labor	1 year parts and labor; 3 years compressor	1 year parts and labor; 3 years compressor	1 year parts and labor; 3 years compressor								
Certified to ARI standard	ARI 740-95	ARI 740-98	ARI 740-98	ARI 740-95								
Testing agency	UL	UL	UL	UL								
CUL listed	Yes	Yes	Yes	No								
CE marked	No	No	Yes	Yes								
Applicable ARI standard	740-95			740-98			740-98			740-95		
Recovery rating in lbs./min.	Vapor	Push/Pull	Liquid	Vapor	Push/Pull	Liquid	Vapor	Push/Pull	Liquid	Vapor	Push/Pull	Liquid
R-12	0.24	10.43	N/A	0.33	13.49	1.98	0.22	8.99	1.32	0.22	8.99	1.32
R-22	0.29	8.77	N/A	0.33	13.49	1.98	0.22	8.99	1.32	0.22	8.99	1.32
R-134a	0.20	9.33	N/A	0.33	13.49	1.98	0.22	8.99	1.32	0.22	8.99	1.32
R-410A	N/A	N/A	N/A	0.48	12.21	1.68	0.32	8.14	1.12	N/A	N/A	N/A
R-500	0.24	9.66	N/A	0.33	13.49	1.98	0.22	8.99	1.32	0.22	8.99	1.32
R-502	0.24	7.61	N/A	0.59	13.58	2.65	0.39	9.05	1.77	0.39	9.05	1.77
Recovery rating 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	9.00	367.20	54.00	6.00	244.80	36.00	6.00	244.80	36.00
R-22	7.80	238.80	N/A	9.00	367.20	54.00	6.00	244.80	36.00	6.00	244.80	36.00
R-134a	5.40	253.80	N/A	9.00	367.20	54.00	6.00	244.80	36.00	6.00	244.80	36.00
R-410A	N/A	N/A	N/A	13.20	332.40	45.60	8.80	221.60	30.40	N/A	N/A	N/A
R-500	6.60	262.80	N/A	9.00	367.20	54.00	6.00	244.80	36.00	6.00	244.80	36.00
R-502	6.60	207.00	N/A	16.20	369.70	72.00	10.80	246.40	48.00	10.80	246.40	48.00

*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.



RECOVERY MACHINES
VACUUM PUMP SYSTEMS
VACUUM AND CHARGING HOSES
HOSE ADAPTERS, VALVES AND PARTS
CHARGING SYSTEMS
GAUGES
ELECTRONIC INSTRUMENTS
HEATING INSTRUMENTS
LEAK MONITORS AND DETECTORS
SYSTEM TOOLS

PARTS FOR R 50A, R 60A, R 70A, R 100



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 70a Series (4 pak)
95136	Screens R 80a, R 100 Series (4 pak)
95139	Screens R 60 and R 60a Series (4 pak)
95141	Screens RST (4 pak)
95342	Replacement brass bulkhead fitting for R 60a and R 70a
95343	Replacement "O" ring for R 60a and R 70a (3 pak)

RECOVERY BURNOUT FILTER FOR DIRTY SYSTEMS



High capacity in-line 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 RecoverXLT 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
41145	Sight glass with 1/4" connections

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

RECOVERY MACHINE PARTS

UPC#	Description
95156	Circuit breaker (12 AMP)
95190	Capacitor (115V Machine)
95187	Relay (115V Machine)
95188	Shorting cap for umbilical cord
95210	Large cord strain relief bushing
95215	Power cord (U.S.)
95216	Rocker switch
95218	Oil-less compressor 115V/60 Hz
95248	Umbilical cord overfill sensor
95294	Fan clip
95325	High pressure switch
95338	Low pressure switch
95449	Compressor bracket grommet (5 pak)
95451	High pressure gauge
95452	Low pressure gauge
95453	Manifold assembly
95528	CPR valve
95455	Fan blade
95457	Replacement filter screen
95477	TOS LED strip assembly
95527	Solid state TOS board
95538	R 60 solid state TOS board

COMPRESSOR SERVICE PARTS FOR OIL-LESS MODELS

UPC#	Description
95121	Compressor kit for oil-less units
95122	Eccentric and bearing assembly for R 60/R 60a, R 70a, XLT
95124	Compressor service kit for R 100
95125	Eccentric and bearing assembly for R 100
95126	Compressor overhaul kit for R 100
95230	Head and valve plate assembly for oil-less machines
95269	Connecting rod for R 100 0.600 stroke
95287	Connecting rod for R 60a, R 70a and XLT 0.750 stroke

REFRIGERANT RECOVERY CYLINDERS



These gray and 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. 400 psi cylinder DOT 400
95007	50 lb. 400 psi cylinder DOT 400
95012	30 lb. 400 psi cylinder DOT 400 with float switch
95013	50 lb. 400 psi cylinder DOT 400 with float switch