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# REFRIGERANT RECOVERY SYSTEMS







## Refrigerant Recovery Machines

Built in purge circuit eliminates the need for external equipment and makes for easy clearing at the end of the job.

Superior condenser performance means the recovery tank stays cooler for a longer period of time, allowing you to recover more refrigerant without high-pressure cut-out.





## TurboRecover® REFRIGERANT RECOVERY MACHINE



### Outperforms in Speed and Simplicity!

- Fully automatic operation for fast recovery of Class III, IV and V refrigerants including R-410A and A2L refrigerants
- Powerful twin-cylinder, oil-less compressor and 1.25 hp Brushless DC (BLDC) motor ensures fast recovery
- Lightweight design and included shoulder strap allow for easy transportation
- Single valve control for simple operation and easy changeover from recover to purge
- Status indicator LED provides notification of machine faults and completed recovery
- Dual-gauge design allows for monitoring of the system and tank pressures simultaneously
- Low pressure switch provides automatic shut-off when unit reaches 10" of vacuum
- Integrated purge function clears residual refrigerant to prevent cross-contamination
- Reusable mesh particulate filter is integrated into the suction port and can be easily cleaned or replaced
- 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
- Locking power cord 10' eliminate the need for extension cord
- High air flow fan with a micro-channel condenser to keep the unit running cool
- Tested by UL to ARHI 740-2016  
CSA C22.2#100:2014 Ed.7+U1, UL 1004-7:2018 Ed.3+R:10 Aug2022  
CSA C22.2#77:2014Ed.8+E1, UL 1004-1:2012 Ed.2+R:07 Aug2018
- Ignition proof design tested and approved to ANSI/ISA 12.12.01:2016 Ed.7
- One-year warranty

**TurboRecover® has all the features you need for fast and effective refrigerant recovery.**



**Carry strap for easy transport to the job site.**

UPC #	Description
95780	TurboRecover® for North America
95782	TurboRecover® for North America with Tank Overfill Switch
EXPORT	
95783	TurboRecover® with EU, UK and AU/NZ Power Cords



# RecoverXLT® REFRIGERANT RECOVERY MACHINE



- Single valve control for easy changeover from liquid to vapor to purge
- Robust compressor design for fast recovery of liquid and vapor refrigerant
- Advanced 1/2 hp, 1750 rpm oil-less twin cylinder compressor with precision valves
- Recovers refrigerant and shuts off when unit reaches 15" of vacuum
- Status indicator LED provides notification of machine faults and completed recovery
- 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 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
- Tested by UL to ARI 740-98  
CSA C22.2#100:2014 Ed.7+U1, UL 1004-7:2018 Ed.3+R:10 Aug2022  
CSA C22.2#77:2014Ed.8+E1, UL 1004-1:2012 Ed.2+R:07 Aug2018
- One-year warranty – also includes three-year compressor warranty on domestic models (one year on INTL models)
- Designed and manufactured in the USA

UPC #	Description
95760	RecoverXLT® 115V/60 Hz
95762	RecoverXLT® 115/60 Hz with tank overfill switch
95765	RecoverXLT® 115/60 Hz (IEC 60309 plug)

# RecoverXLT2-AP™ REFRIGERANT RECOVERY MACHINE



The drive to lower global warming potential refrigerants with increased flammability has necessitated the evolution of the market leading YELLOW JACKET® RecoverXLT® recovery machine: The new RecoverXLT2-AP™ Refrigerant Recovery Machine with twin cylinder 1/2 hp oil less compressor and gravity drain condenser. The unique “ambient pressure switch” and three meter power cord comply with the current safety requirements. The RecoverXLT2-AP® is specifically designed for the new lower GWP refrigerants including R-32, R-1234yf and R1234ze as well as the most common CFC, HFC and HFO refrigerants, including R-22, R-404A, R-407, R-410A, R-448A and R-449A.



- 1/2 hp, twin cylinder, oil-less compressor for fast recovery of Class III, IV and V refrigerants including R-32, R-1234yf and R-1234ze.
- Safe venting of case interior prior to start up.
- Low pressure switch stops recovery above ambient pressure for leaking systems to prevent pulling air into recovery cylinders.
- Low pressure bypass for recovery of leak-free systems.



UPC #	Description
95764	RecoverXLT2-AP® Refrigerant Recovery System 230V/50-60 Hz (Euro, UK, NZ and Australian plug)*

\*Not tested and approved for use in the U.S.A.

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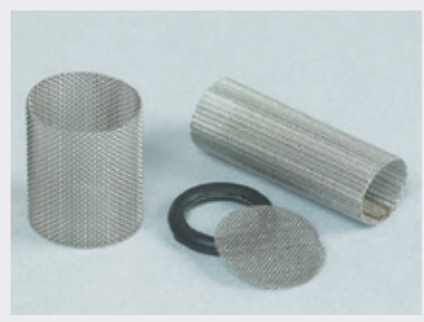
# RECOVERY MACHINE COMPARISON CHART

Features	RecoverXLT #95760/95762	RecoverXLT2-AP #95764**	RecoverXLT #95765
Recovery capabilities	Vapor, liquid, push/pull	Vapor, liquid, push/pull	Vapor, liquid, push/pull
Compressor	1/2 hp oil-less	1/2 hp oil-less	1/2 hp oil-less
Weight	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	19.3 x 12.4 x 12.5	19.3 x 12.4 x 12.5	19.3 x 12.4 x 12.5
Size L x W x H mm.	490 x 315 x 317	490 x 315 x 317	490 x 315 x 317
Refrigerant compatibility	12, 22, 134a, 407C, 410A, 500, 502, HP, MP and blends	32, 1234yf, 1234ze, 22, 404A, 407, 410A, 448A, 449A and more	12, 22, 134a, 407C, 410A, 500, 502, HP, MP and blends
Volts/Hertz	115V/60 Hz	230V/50-60 Hz	110V/50 Hz
Tank overflow sensor	95760 No / 95762 Yes	No	No
Low pressure shut-off sensor	Standard	Standard	No
Inlet mesh filter screen	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
Upgraded higher suction and discharge pressure gauges	Standard	Standard	Standard
Upgraded single higher pressure switch	Standard	Standard	Standard
External circuit breaker	Standard	Standard	Standard
Plug	U.S.	Euro, UK, AU and NZ	IEC 60309
Warranty	1 year parts and labor; 3 years compressor	1 year	1 year parts and labor; 3 years compressor
Certified to ARI standard	ARI 740-98		
Testing agency	UL	UL	UL
CUL listed	Yes	No	No
CE marked	No	Yes	Yes
<b>Applicable ARI standard</b>	<b>740-98</b>	<b>740-98</b>	<b>740-95</b>
<b>Recovery rating in lbs./min.</b>	<b>Vapor Push/Pull Liquid</b>	<b>Vapor Push/Pull Liquid</b>	<b>Vapor Push/Pull Liquid</b>
R-12	0.33 13.49 1.98	0.22 8.99 1.32	0.22 8.99 1.32
R-22	0.33 13.49 1.98	0.22 8.99 1.32	0.22 8.99 1.32
R-134a	0.33 13.49 1.98	0.22 8.99 1.32	0.22 8.99 1.32
R-410A	0.48 12.21 1.68	0.32 8.14 1.12	N/A N/A N/A
R-500	0.33 13.49 1.98	0.22 8.99 1.32	0.22 8.99 1.32
R-502	0.59 13.58 2.65	0.39 9.05 1.77	0.39 9.05 1.77
<b>Recovery rating in kg./hr.*</b>	<b>Vapor Push/Pull Liquid</b>	<b>Vapor Push/Pull Liquid</b>	<b>Vapor Push/Pull Liquid</b>
R-12	9.00 367.20 54.00	6.00 244.80 36.00	6.00 244.80 36.00
R-22	9.00 367.20 54.00	6.00 244.80 36.00	6.00 244.80 36.00
R-134a	9.00 367.20 54.00	6.00 244.80 36.00	6.00 244.80 36.00
R-410A	13.20 332.40 45.60	8.80 221.60 30.40	N/A N/A N/A
R-500	9.00 367.20 54.00	6.00 244.80 36.00	6.00 244.80 36.00
R-502	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.

\*\*Rates do not include 95764. Calculated recovery ratings for this product can be found at [www.yellowjacket.com](http://www.yellowjacket.com)

## 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)
95538	R 60 solid state TOS board

## WRAP-AROUND HEATER FOR REFRIGERANT CYLINDER

- Fits 30, 50 and 125 lb. cylinders
- Thermostat controlled with maximum 130°F (54°C) and minimum 120°F (48.8°C) (surface temperature of tank)
- Cycles on/off to maintain surface temperature
- 200 watt, 115V or 230V
- 20" velcro straps and 6' cord



UPC#	Description
68848	Wrap-around cylinder heater 115V
68849	Wrap-around cylinder heater 230V

## RECOVERY BURNOUT FILTER FOR DIRTY SYSTEMS

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



## REFRIGERANT RECOVERY CYLINDERS FOR R-410A

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

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.



## PARTS FOR RECOVERX AND RECOVERXLT®

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
95248	Umbilical cord overflow sensor
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 (5 pk)
95450	Condensor coil
95451	High pressure gauge
95452	Low pressure gauge
95453	Manifold assembly
95456	Neon lamp (115V Machine)
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