YELLOW JACKET®

YJ-LTE™ Refrigerant Recovery Machine

The smallest, lightest, most powerful unit in its class

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
Don’t let the small size fool you. The 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, 502, and other Class III, IV and V refrigerants

Compressor:
½ hp, twin cylinder, reciprocating, oil-less

Power Source:
115V/60 Hz (95730 and 95732)
230V/50 Hz (95733 and 95738)

Amps:
8.0 (95730 and 95732)
4.0 (95733 and 95738)

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 (95732 - CSA C22.2 No. 120)

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

YJ-LTE RECOVERY RATINGS

<table>
<thead>
<tr>
<th></th>
<th>(UL* ARI - 740-98)</th>
<th>Vacuum Level: 15 inHg</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Lbs./min.</td>
<td>Kg./min.</td>
</tr>
<tr>
<td>Vapor</td>
<td>Push/Pull</td>
<td>Liquid</td>
</tr>
<tr>
<td>R-22</td>
<td>0.37</td>
<td>9.17</td>
</tr>
<tr>
<td>R-407C</td>
<td>0.30</td>
<td>10.05</td>
</tr>
<tr>
<td>R-410A</td>
<td>0.35</td>
<td>10.91</td>
</tr>
</tbody>
</table>

* 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.
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.

- 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

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
95760 RecoverXLT 115V/60 Hz
95762 RecoverXLT with tank overfill switch 115/60 Hz
95765 RecoverXLT 110V/50 Hz (IEC 60309 plug)

*Not tested and approved for use in the U.S.A.
**Recovery Machine Comparison Chart**

Building on the performance and success of the original YELLOW JACKET RecoverX Recovery Machine, the RecoverX is a cost-effective solution 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.

<table>
<thead>
<tr>
<th>Features</th>
<th>RecoverX #95700</th>
<th>RecoverXLT #95760/#95762</th>
<th>RecoverXLT2-AP #95764**</th>
<th>RecoverXLT #95765</th>
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<tbody>
<tr>
<td>Recovery capabilities</td>
<td>Vapor and push/pull</td>
<td>Vapor, liquid, push/pull</td>
<td>Vapor, liquid, push/pull</td>
<td>Vapor, liquid, push/pull</td>
</tr>
<tr>
<td>Compressor</td>
<td>1/6 hp oil-filled hermetic</td>
<td>1/2 hp oil-less</td>
<td>1/2 hp oil-less</td>
<td>1/2 hp oil-less</td>
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<tr>
<td>Weight</td>
<td>29.0 lbs. (13.15 kg)</td>
<td>32.6 lbs. (14.78 kg)</td>
<td>32.6 lbs. (14.78 kg)</td>
<td>32.6 lbs. (14.78 kg)</td>
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<tr>
<td>Size L x W x H inches</td>
<td>18.3 x 12.4 x 12.5</td>
<td>19.3 x 12.4 x 12.5</td>
<td>19.3 x 12.4 x 12.5</td>
<td>19.3 x 12.4 x 12.5</td>
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<tr>
<td>Volts/Hertz</td>
<td>115V/60Hz</td>
<td>115V/60Hz</td>
<td>230V/50-60Hz</td>
<td>110V/60Hz</td>
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<tr>
<td>Tank overfill sensor</td>
<td>No</td>
<td>95760 No / 95762 Yes</td>
<td>No</td>
<td>No</td>
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<tr>
<td>Low pressure shut-off sensor</td>
<td>No</td>
<td>Standard</td>
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<td>Included</td>
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<tr>
<td>Inlet filter mesh screen</td>
<td>Included</td>
<td>Included</td>
<td>Included</td>
<td>Included</td>
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<tr>
<td>Inlet filter dryer</td>
<td>Optional filter available for use on contaminated and burn-out systems; use a filter of adequate size (P/N 95014).</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>Suction and discharge pressure gauges</td>
<td>Standard</td>
<td>Standard</td>
<td>Standard</td>
<td>Standard</td>
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<tr>
<td>Upgraded higher suction and discharge pressure gauges</td>
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<td>Standard</td>
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<td>Standard</td>
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<td>Upgraded single higher pressure switch</td>
<td>No</td>
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<td>Plug</td>
<td>U.S.</td>
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<tr>
<td>Warranty</td>
<td>1 year parts and labor</td>
<td>1 year parts and labor; 3 years compressor</td>
<td>1 year</td>
<td>1 year parts and labor; 3 years compressor</td>
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<td>Certified to ARI standard</td>
<td>ARI 740-95</td>
<td>ARI 740-98</td>
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<td>Testing agency</td>
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<td>CUL listed</td>
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<td>CE marked</td>
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<td>Applicable ARI standard</td>
<td>740-95</td>
<td>740-98</td>
<td>740-98</td>
<td>740-95</td>
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<tr>
<td>Recovery rating in lbs./min.</td>
<td>Vapor</td>
<td>Push/Pull</td>
<td>Liquid</td>
<td>Vapor</td>
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<tr>
<td>R-12</td>
<td>0.24</td>
<td>10.43</td>
<td>N/A</td>
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<td>R-22</td>
<td>0.29</td>
<td>8.77</td>
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<td>0.33</td>
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<td>R-134a</td>
<td>0.20</td>
<td>9.33</td>
<td>N/A</td>
<td>0.33</td>
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<tr>
<td>R-410A</td>
<td>N/A</td>
<td>N/A</td>
<td>N/A</td>
<td>0.48</td>
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<tr>
<td>R-500</td>
<td>0.24</td>
<td>9.66</td>
<td>N/A</td>
<td>0.33</td>
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<tr>
<td>R-502</td>
<td>0.24</td>
<td>7.61</td>
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<td>0.59</td>
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<tr>
<td>Recovery rating in kg./hr.*</td>
<td>Vapor</td>
<td>Push/Pull</td>
<td>Liquid</td>
<td>Vapor</td>
</tr>
<tr>
<td>R-12</td>
<td>6.60</td>
<td>213.80</td>
<td>N/A</td>
<td>9.00</td>
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<tr>
<td>R-22</td>
<td>7.80</td>
<td>238.80</td>
<td>N/A</td>
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<td>R-134a</td>
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<td>N/A</td>
<td>N/A</td>
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<tr>
<td>R-500</td>
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<td>262.80</td>
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<td>R-502</td>
<td>6.60</td>
<td>207.00</td>
<td>N/A</td>
<td>16.20</td>
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*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**
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

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

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
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
95455 Fan blade
95457 Replacement filter screen
95477 TOS LED strip assembly
95479 Solid state TOS board
95527 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 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

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