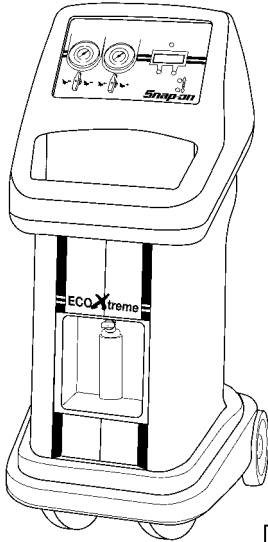


# ECO Xtreme™

## A/C SERVICE CENTER

### BID SPECIFICATIONS



Model EEAC316A

### FUNCTIONS

- Recover/recycle, evacuation and recharge of auto A/C systems using R-134a refrigerant only
- Semi-automatic recover/recycle sequence with oil capture procedure
- Semi-automatic evacuation sequence with leak test procedure
- Automatic purge of air and other non-condensable gases
- Semi-automatic charge sequence with charge amount measured by digital electronic scale
- Filter/dryer for removal of moisture and particulate matter
- Accumulator/suction separator for removal of oil and other contaminants

### FEATURES

- Microprocessor-controlled operation.
- Meets all current SAE, UL and CSA standards for operation, performance and purity.
- Electronic scale for measurement of recovery tank amounts (dispensed, recycled and remaining)
- True single pass recycling system
- Simple, menu-driven operation with prompts and button controls
- Programmable vacuum hold time
- Electronic filter life monitor
- Automatic oil separator with oil drain valve and front-mounted oil discharge bottle
- Automatic high pressure shut-off
- Automatic tank full shutoff
- Tank amount display in lbs.-ozs. or kgs.
- User-selectable languages – English, Spanish, French
- Built-in tool tray
- Integral panel-mounted high and low side gauges and valves
- 4 x 20 Character LCD
- Upgradeable software via PC-link serial cable (Equiserv only)

### CONTROLS

- Control buttons:
  - Up/down buttons for screen menu options
  - Variable function buttons, such as start or enter, depending on the screen display
- Two-Panel Valves:
  - Used to select OFF, Charge or Recover/Vacuum
  - Open/close high side/low side service hoses

### DISPLAYS

- Main Menu Displays:
  - Recover
  - Vacuum (hold time entry)
  - Charge
  - Set-up (LCD contrast, language, filter monitor reset, units of weight)
- Refrigerant Amount Displays:
  - Recovered refrigerant amount
  - Charged refrigerant amount
  - Tank weight
  - Filter dryer life remaining (%)
- LED Error Messages:
  - Temperature
  - Pressure switch
  - High pressure
  - Tank empty
  - Tank full

### PERFORMANCE SPECIFICATIONS

- Operating Temperature Range: 50-120° F (10-49°C)
- Relative Humidity: Up to 80% non-condensing
- Maximum Operating Pressure: 450 psi
- Pressure Range: 30 inHg-300 psi
- Storage Temperature Range: -4-140°F (-20-60°C)
- Compressor: 1/3 hp 1.1 CFM reciprocating
- Gauge Ranges:
  - High Side: max. 500 psi (34 BAR)
  - Low Side: max. 300 psi (21 BAR)

### CAPACITIES

- **Maximum Recovery Amount:** 0 - 45 lbs. (20.41 kg)
- **Maximum Recovery Rate:** 1lb/min
- **Maximum Charge Amount:** 0 – 42 lbs. (19.05 kg)
- **Recovery Tank:** 50 lb. with purge port
- **Oil Purge Bottle:** 12 oz. (1 oz. gradations)

### POWER/WEIGHT/DIMENSIONS

- **Dimensions:** 29"D x 46"H x 23"W
- **Power:** 120 VAC, 60 Hz, 6 amps maximum
- **Shipping Weight:** 175lbs. (79.38 kg)

## STANDARD PARTS/ACCESSORIES

- 1-27280 Service Fitting, low-side
- 1-27180 Service Fitting, high-side
- EAA0275L05A Recovery Tank, 50 pound

## OPTIONAL PARTS/ACCESSORIES

- EAK0030C01AB Master Drier Kit
- EAK0027C00AS Vehicle Adapter Kit (O-rings)
- 1-15080 Low Side Adapter Fitting
- 1091030101 2 oz. Oil Charge Kit for R-134a
- EAK0029C01AB Oil Change Kit
- EEAC316ACV Protective Cover

## KOOLKARE™ VS. ECO COMPARISON

	KOOL KARE™	ECO-X	ECO
Enhanced Recovery Speed	X	X	-
Housing	Metal	Molded	Metal
Electronic timer	X	X	-
Vacuum pump	Opt	Opt*	-
Electronic filter-drier monitor	X	X	-
Integrated gauge set	X	X	-
Integrated Dual -valve	X	X	-
Single-pass recycling	X	X	X
LCD screen	4 x 20 Menu	4 x 20 Menu	Scale display
Controls/Operation	Automatic	Semiautomatic	Manual
Fully-automatic air purge	X	X	-
Front-mounted oil purge bottle	X	X	-
Built-in tool trays	1	2	1&OPT.
User-selectable language - Eng/Sp/Fr	X	X	-
Recovery tank	50lb	50lb	30lb

\* Availability to be announced

## ECO VS. ROBINAIR™ COMPARISON

	ECO-C	34134	ECO-X	34700
Street Price	\$2600	\$2200	\$3500	\$3900
Speed of recovery	(ECO-X has enhanced recovery speed)			
Molded-plastic housing	-	-	X	X
Electronic timer	-	-	X	X
Vacuum pump	-	-	Opt*	X
Electronic monitor for filter-drier	-	X	X	X
Integrated gauge set	-	-	X	X
Dual -valve controls	X	X	X	X
Single-pass recycling	X	-	X	X
LCD screen	scale display	scale display	4x20 menu	2x20
Control panel	-	-	4 easy keys	20 keys
Fully-automatic air purge	-	-	X	X
Front-mounted oil purge bottle	-	-	X	X
Built-in tool tray	X	-	X	X
User-selectable language - Eng/Sp/Fr	-	-	X	X
Recovery tank	30lb	30lb	50lb	30lb

\* Availability to be announced

**WARRANTY:** Snap-on Diagnostics provides a limited warranty on the EEAC316A, pursuant to its limited warranty found in the terms and conditions of sale.

**Field Repair by Equiserv: 1-800-225-5786.**  
**Specifications subject to change without notice.**

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 ROBINAIR is a trademark of Robinair Manufacturing Corporation.



### SAFETY INFORMATION

- Products may have inherent risk to the user.
- Read, understand and follow all safety messages on the product, user manual and vehicle to be serviced before operating the ECO Xtreme.
- Improper use may result in injury