

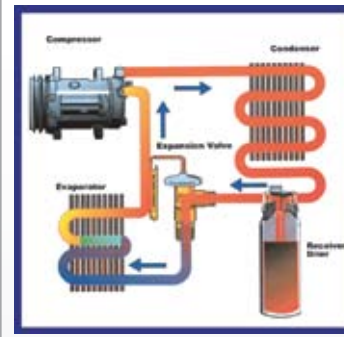
Setting The Course For Change

In June 2005, the Society of Automotive Engineers (SAE) started a research program to reduce the emissions of R-134a. The program, called I-MAC (Improved Mobile Air Conditioning), was tasked with cost effectively improving R-134a systems while reducing refrigerant emissions. The I-MAC members have pledged to design smaller systems with fewer leak points and improve service equipment. As a result of this program, the SAE recently approved tighter standards for automotive A/C recovery, recycle and recharge equipment. The new standard, SAE J-2788, requires that all service equipment manufactured after December 31, 2007, must recover 95% of the refrigerant and recharge to within 1/2 ounce.

How will this affect ME?

For years, R-134a was cheap and plentiful. Today it's a different story – refrigerant is much more expensive and not always available. The Robinair 34288 and 34788 recover up to 20% more refrigerant, which means it will cost less to recharge the system. The best charge accuracy that could be claimed by older generation service machines was +/- 1 ounce, a 3% error on a two-pound system. That same charge accuracy on a 14-ounce system is over twice the error (7%). Early R-134a systems could still provide some cabin cooling when they were 4-6 ounces (12-18%) low on refrigerant. However, new designs are so efficient, they do not have reserve refrigerant, and charge accuracy is critical. The 34288 and 34788 will recharge the vehicle to within 1/2 ounce of the charge capacity, and you will avoid the dreaded “come back”. As the shop owner, you will realize more profits per service by recovering more refrigerant and charging less. Refer to the ROI worksheet on the back of this brochure to determine your actual cost savings. The savings will be obvious.

Applying The New Standard

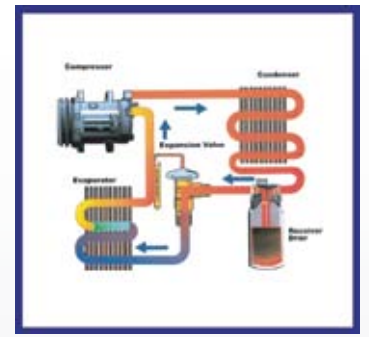


©MACS Worldwide 2007

Older, larger systems and components served as a reservoir for refrigerant.

Capacity 28 oz.
Charge Accuracy . . . ±1 oz.
Charge Error 3.6%

2000 Chevrolet Malibu



©MACS Worldwide 2007

New A/C systems are physically smaller and require increased charge accuracy.

Capacity 21.6 oz.
Charge Accuracy . . . 0.5 oz.
Charge Error 2.3%

2006 Chevrolet Malibu

Combining Simple Operation With Superior Accuracy:

Whether it's the fully-automatic 34788 or the semi-automatic 34288, both machines will test, recover, and recharge R-134a automotive AC systems quickly and accurately.

Feature	34288	34788
Fully-Automatic Function: Program to recover, vacuum, leak test and charge without operating panel valves.	-	✓
Refrigerant & Oil Database: For North American market vehicles 1994 - 2007 (updates available mid-2008).	-	✓
Vacuum Leak Test: Monitors level after evacuation, informs of possible leak.	-	✓
Automatic Refrigerant Refill: Maintains a user-selectable amount of refrigerant in an internal vessel and signals with it's time to change supply tank, no monitoring required.	✓	✓
Automatic Air Purge: Eliminates damaging air without monitoring gauges or opening valves.	✓	✓
Automatic Oil Drain: A display reminds you to empty the graduated container to show the amount of oil to replace.	✓	✓
Vacuum Feature: Defaults to 15 mins, programmable up to 99 mins. "Remaining time" is displayed.	✓	✓
Display: Multilingual	✓	✓
Oil Inject: Less than 1% cross-contamination.	-	✓
Refrigerant Charging: Select a charge mode from high or low side.	✓	✓ (high side, low side, or both)
Refrigerant Management System: Displays refrigerant use and monitors remaining filter life. Prompts appear when 1/3 of filter life remains.	✓	✓

Investing In The Future

34288 & 34788 Return On Investment

	National Average	Your Cost
A. Price for A/C Service	\$149.99	_____
B. Value of refrigerant recovered from vehicle being serviced. Low charge in vehicle (1 lb.) and recovered at 95% efficiency.	\$6.00	_____
C. Material Cost (1.5 lbs. of R 134a and PAG oil)	-\$10.00	_____
D. Labor/Overhead	-\$50.00	_____
E. Profit per Service (A+B+C+D)	\$95.99	_____
F. Monthly Profit (25 Services)	\$2,399.00	_____

Maintain your profitability and avoid costly “come backs” by ensuring critical charge accuracy! Refrigerant service equipment manufactured under the old standard cannot guarantee charge accuracy. The Robinair 34288 and 34788 can pay for itself in as little as 2.5 months.

Maintenance Kits



No. 34724

No. 13172

- Keep recovery and recycling units operating at peak efficiency with a convenient maintenance kit.
- Contains one quick change filter-drier to be used on both R-12 and R-134a stations, and one 16 ounce bottle of our Premium High Vacuum Pump Oil.

No. 34724 Spin-on recycling filter-drier 34788, 34288, 34700Z, and 34134Z.

No. 13172 Spin-on recycling filter-drier 34788, 34288, 34700Z, and 34134Z. Includes premium high vacuum pump oil.

NEW
SAE J2788
compliant



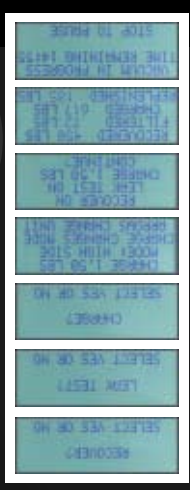
Recovery/Recycling
34288 & 34788

Recovers 20% more refrigerant
Charge Accuracy ±1/2 oz.

ROBINAIR

ROBINAIR
AN SPX BRAND

08-44 ©2008 SPX Corporation. All rights reserved. Because of ongoing product improvements, we reserve the right to change design, materials, and specifications without notice. Product shipped may differ from photo(s) shown.



Service Prompts
New 2X larger display makes the
34788 easier than ever to use
Database expansion slot



Two large tool
storage areas

UL LISTED
Design certified by UL
to meet SAE J-2788



New display

Two large tool
storage areas

34788

34288