



Kawan Lama
Commercial & Industrial Supply

65 YEARS
ANNIVERSARY

ROBINAIR[®]

**GLOBAL LEADER
IN AUTOMOTIVE
AIR-CONDITIONING
CARE**

FIND THE BEST AUTOMOTIVE
AIR-CONDITIONING CARE SOLUTIONS, HERE!





**RR0000118
FILTER DRIER**

FULLY AUTOMATIC, UNMATCHED 98.5% RECOVERY

10031787 RECOVER RECHARGE MACHINE RRR34988NI

The new Robinair 34988NI Premium A/C Machine combines ease of use and superior accuracy. It recovers, recycles, evacuates, leak tests & recharges R-134a vehicle systems quickly and accurately.

- Fully automatic recovery, vacuum leak test and recharge no monitoring required
- Patented automatic refrigerant refill prevents machine from emptying supply tank
- Only machine with fully automatic oil injection
- Two oil inject bottles for different oils to work on more vehicles with less down time
- Large easy-to-read color display and printer standard
- UV dye injection capability for leak detection
- Automatic air purge eliminates system - damaging air



**10194995
RECOVER MACHINE RRR34988NI**

PRODUCT FEATURES

Fully automatic operation frees technician to perform other tasks while servicing the vehicle's A/C system
Automatic oil drain and inject feature enables the machine to measure amount of oil removed from the vehicle and automatically put the same amount back in, frees the user from measuring the amount of oil removed
Multiple oil bottles gives the machine the flexibility to store and inject two different types of oil saving the user time when servicing multiple vehicles
Large, easy-to-read graphical display
Standard onboard printer gives the user the ability to print service data to present to a customer after service
Unique Automatic Refrigerant Refill maintains a user-selectable amount of refrigerant in an internal vessel and signals when it's time to change supply tank, no monitoring required
Programmable vacuum feature defaults to 15 mins, but allows the user to select desired vacuum time up to 99 minutes
Automatic Air Purge eliminates system-damaging air without monitoring gauges or opening valves
Save before and after service data allows the user to store before and after service information by vehicle
Visual and audible alarm notifies the user when service is complete, or if a problem has occurred
Automatic Dye Inject gives the user the ability to use the machine to inject UV dye into a vehicle's A/C system
Optional refrigerant and oil database includes A/C charge and oil capacities for North American market vehicles

Specifications

Operating Temperature	32° - 120°F (0°-50°C)	Filter Capacity	150 lb (75kg), spin-on type
Storage Temperature	0 to 150°F (-18 to 66°C)	Internal Cylinder	30 lb. DOT
Recovery Performance	>95% at 70 to 75° F (21 to 24°C) <30 minutes	Operating Voltage	125 VAC 60 Hz
Charge Performance	+/- 0.5 oz at 70° to 75° F (+/- 15g at 21° to 24° C)	Display	7 in. LCD graphical display
Compressor	3/8 hp, pressure protected, oiled, hermetically sealed	Language	English, French, Spanish, Portuguese
Vacuum Pump	1.5 cfm Dual Stage, 29.9 InHg	Certifications	SAE J2788
Hoses	8 ft. (2.44 m)	Refrigerant Compatibility	R-134a

FULLY AUTOMATIC, UNMATCHED 98.5% RECOVERY

Robinair introduces its next innovation, the 34788NI and 34788NI-H, featuring an industry-leading 98.5% recovery efficiency for standard and hybrid vehicles and fully automatic function.

Robinair 34788NI and 34788NI-H machines recover, recycle, evacuate, leak-test and recharge R-134a with improved 98.5% efficiency – unmatched by any competitor. The new design features a larger graphical display, automatic features including leak testing, automatic refrigerant refill and oil drain/inject – putting A/C lubricant back into the system. The 34788NI and 34788NI-H also boasts the ability to add a printer, USB data sharing, refrigerant identifier and wireless module for Wi-Fi or Bluetooth® communication. An optional refrigerant charge and oil capacities database is available for North American market vehicles. Robinair A/C service tools and equipment are sold through distribution partners, resellers and retailers. Visit robinair.com to find a partner near you.



**RR0000314
COOLTECH AUTOMATIC 34788NI**

Specifications			
Operating Range	32° - 120°F (0°-50°C)	Recovery Performance	>95% at 70 to 75° F (21 to 24°C) <30 minutes
Voltage	125 VAC 60 Hz	Charge Performance	+/- 0.5 oz at 70° to 75° F (+/- 15g at 21° to 24° C)
Display	5 cm x 9 cm graphical display	Filter-Drier Capacity	150 lb (75kg), spin-on type
Hoses	9 ft (2.75 m)	Weight Approximately	230 lbs. (103 kg)
Compressor	3/8 hp, pressure protected, oiled, hermetically sealed	Dimensions (HxWxD)	48.5 in x 24 x 36 (123 cm x 61 cm x 91 cm)
Vacuum Pump	1.5 cfm Dual Stage, 29.9 InHg	Languages	English, French, Spanish, Portuguese
Internal Cylinder	30 lb. DOT	Certifications	SAE J2788

PRODUCT FEATURES	34788NI	34788NI-H
Fully-Automatic Function: Program to recover, vacuum, leak test and charge without operating panel valves.	X	X
Automatic Oil Drain: A display reminds you to empty the graduated container to show the amount of oil to replace.	X	X
Oil Inject: Automatically inject oil back into the vehicle's A/C systems.	X	
Refrigerant & Oil Database: A/C system capacities for North American market vehicles (Optional – not included with the machine)	Optional	Optional
A/C System Flush: Flushes a vehicle's A/C system with refrigerant, eliminating any residual oil or other liquid. (Flushing adapters not included)		X
Save & print before and after service data: Allows the user to store before and after service information by vehicle and print this information to provide to a customer.	X	X
Visual & Audible Alarm: Notifies the user when service is complete, or if a problem has occurred.	X	X
Vacuum Leak Test: Monitors level after evacuation, informs of possible leak.		X
Automatic Air Purge: Eliminates system-damaging air without monitoring gauges or opening valves.	X	X
Automatic Refrigerant Refill: Maintains a user-selectable amount of refrigerant in an internal vessel and signals when it's time to change supply tank, no monitoring required.	X	X
Vacuum Feature: Defaults to 15 mins, programmable up to 99 mins. "Remaining time" is displayed.	X	X
Display: Multilingual.	X	X
Refrigerant Charging: Select a charge mode from high or low side, or use both sides.	X	X
Refrigerant Management System: Displays refrigerant use and monitors remaining filter life. Prompts appear when 1/3 of filter life remains.		X
Electric Vehicle: Capable of servicing high voltage electric compressor A/C systems. D Printer.	Optional	Optional



(10215416)

COOLTECH AC RECOVERY ACM-3000 ROB

ACM3000-ROB is a unit for the A/C specialists. It has all the functions and performance required for professional use with Automotive R134a air conditioning systems. The unit performs recovery, recycling and recharging of refrigerant automatically and guarantees a rapid and full dehydration of the A/C system. Moreover, an optional printer is available for a detailed activity report.

FUNCTION

ACM3000-ROB allows:

- Automatic recovery
- Automatic recycling
- Automatic oil discharge
- Vacuum phase programmable
- Automatic A/C system test
- Automatic refrigerant charging
- Automatic non condensable discharge
- Programmable maintenance
- Multi-language display
- A/C systems integrated database (optional)

BENEFITS

ACM3000-ROB allows the restoration of A/C system efficiency and function on every vehicle.

ACM3000-ROB:

- Reduces A/C system maintenance times,
- Reduces the labour cost incurred due to waiting during the operation,
- Reduces the risks thanks to the precision and the accuracy of the operation,
- Guarantees full customer satisfaction,
- Gives greater returns for your work.

TECHNICAL FEATURES

Refrigerant	R134a	Compressor	¼ HP 300 grs/min
Vacuum pump	70L/min 2,5CFM at 50Hz	Manometers	Ø 80mm class 1
	84L/min 3CFM at 60Hz	Hoses management	244 cm / SAE-J2196
Maximum pressure	18 bar	Power supplier	230V 50-60Hz
Operating temperature	10 – 50 °C	Dimensions in cm	55x52x95
Tank capacity	8 Kg	Weight	60 Kg (132,3 libre)
Oil tank	2 x 250 ml		

TIFZX Heated Pentode Refrigerant Detector



TIFZX-1E

RR0000170 LEAK DETECTOR TIFZX-1E

The Tool Professionals Use to Find Refrigerant Leaks

The TIF Heated Pentode refrigerant leak detector finds the leak faster and with more accuracy saving you time and money. Refrigerant leaks are hard to find and our patented refrigerant specific detection eliminates ambient 'false alarms' by directing you quickly to the source of the leak. Comfortable and easy to use, it's engineered for daily use in industrial or residential applications. Find the leak and close the service call quicker with the TIFZX.

Heated Pentode® Sensor Technology

- Visual Leak Size Indicator
- No Calibration Required

PRODUCT FEATURES

Detects All refrigerants – Capable of detecting all halogenated refrigerants, including R410A
Tri-Color Visual Leak Size Indicator – Intensity increases as the source of a leak is detected
True Mechanical Pump – Provides instant response and quick clearing
Tactile Control Pad – Easy one touch function selection
Adjustable Sensitivity – One touch reset and sensitivity adjustment to pinpoint exact location of a leak



(10131716)
VACUMASTER 8CFM VACUUM PUMP

- Commercial Refrigeration 8 CFM
- Ergonomic handle grip with closed handle for balance and portability
- Inlet fitting allows maximum airflow while preventing oil back flow
- 1 HP thermally protected motor
- Nonskid pads
- Finned surfaces dissipate heat faster, keeping pump cooler
- Easy to read sight glass



(10168039)
MANIFOLD GAUGE SET 13208-KIT

Robinair Tech Plus Aluminium Manifold Is ideal for any gas, the 2-1/2" gauges have R-22 & R-134a pressure temperature scales on the face of each gauge, 1/2 ACME fittings and a sight glass for liquid flow for charging or recovery.

PRODUCT FEATURES	
Zero adjustable Gauges	Docking Ports for couplers
Extruded Alumunium Manifold Block	R-22 & R-134a pressure temperature scales
Sight Glass above the center port	Hanging Hook for convenience
Color Coded Knobs	Hoses Not Included
2-1/2" High and Low Side gauges	1/2" ACME Male Brass fittings



TIFRX-1A

(RR000253)
REFRIGERANT LEAK DETECTORS

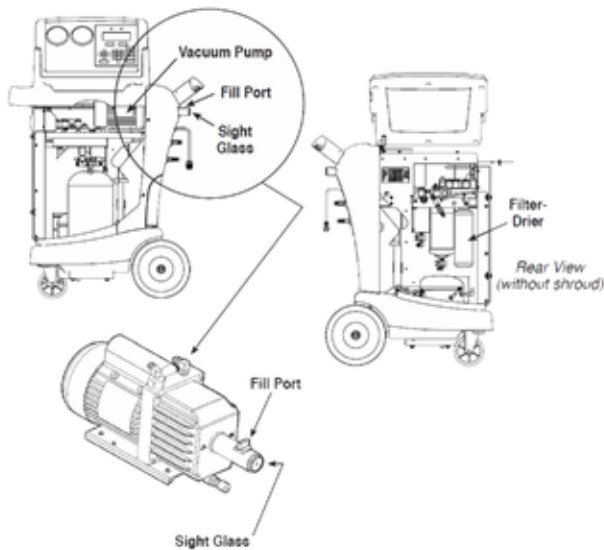
The revolutionary new "Generation X" line of TIF refrigerant leak detectors brings you tommorow's technology today. We not only changed the way our leak detectors look, but the way to look at leak detectors. Innovative MPC circuitry and Advanced Digital Signal Processing monitor the sensing tip up to 2000 times per second. Automatic reset, true mechanical pump, and visual indicators (TIF XP-1 and TIF RX-1) speed and simplify leak searches.

A completely re-designed sensing tip increases sensitivity, improves reliability, and lasts twice as long as its predecessor. This results in fewer comebacks, less hassle, and lower maintenance costs. We are so confident in the design and quality of these detectors that they are backed by a warranty of up to 3 years.

PRODUCT FEATURES	
Six-segment visual leak size indicator	
True mechanical pump provides positive airflow through sensing tip	
High and low sensitivity levels	
One touch reset	
Tactile keypad controls	
Two-year warranty	

SPECIFICATIONS			
Power Source	3V DC; 2 "C" cell alkaline batteries	Response Time	Instantaneous
Ultimate Sensitivity	TIFRX-1A - Less than 0.25 oz./yr. (7g/yr.)	Reset Time	One second
Sensing Tip Life	Approx. 20 hours	Warm-up Time	Approx. 2 seconds
Operating Range	30° to 125° F (0° to 52° C)	Unit Weight	1.2 lbs. (560 rams)
Battery Life	TIFRX-1A and TIFXP-1A - Approx. 30 hrs. TIFXL-1A - Approx. 40 hrs	Unit Dimensions	9" x 2.25" x 2.25"(22.9 cm x 5.7 cm x 5.7 cm)
Duty Cycle	Continuous	Fixed Probe Length	14" (35.5 cm)

ROBINAIR®



AUTOMOTIVE AIR CONDITIONING DIAGNOSIS, TESTING, MAINTENANCE SOLUTION AND GARAGE EQUIPMENT

As long as there's been air conditioning, there's been Robinair, the global leader of automotive and HVAC/R air conditioning (A/C) refrigerant recovery, recycling and recharge tools, equipment and accessories. Vehicle manufacturers (OEMs), dealership service departments, auto repair shops, industrial and commercial contractors have turned to Robinair for A/C service products since 1956.

Robinair is used on R-134a vehicles and is designed to be compatible with existing service equipment and standard service procedures. This unit is a UL-listed, single-pass system that meets SAE specifications for recycled refrigerant. Follow the SAE-J2211 recommended service procedure for the containment of R-134a. The unit includes a 1.5 cfm (42 l/m) Robinair high vacuum pump for fast, thorough evacuation. The compressor pulls the A/C system to 0 psig, then works in series with the vacuum pump to achieve highly efficient recovery and immediate recharge. If the system is not opened for service, there is no need to pull additional vacuum. If the system is opened for service, use the unit's vacuum cycle to remove air and moisture from the A/C system. (We recommend a minimum 15-minute vacuum, or follow the vehicle manufacturer's specs.) Note: R-134a systems require special oils. Refer to the A/C system manufacturer's service manual for oil specifications.

Kawan Lama Sejahtera

65 YEARS ANNIVERSARY

Experience in Commercial and Industrial business becoming one of the most trusted company in Indonesia.



Kawan Lama Sejahtera Distribution Center

Supported by modern logistics and distribution system in our three main Distribution Centers (Cikarang, Surabaya and Tanjung Morawa), we are ready to ensure product availability and on-scheduled product distribution, via land, sea, and air, complete with a delivery tracking system.

SERVICE CENTER 27 POINTS

More Solutions, Better Satisfaction



- Technical Consultation
- Service Contract
 - Carry Service
 - On-Site Service
- Warranty Claim
- Calibration Service



500+ TECHNICAL CONSULTANT

19 NATIONAL BRANCHES



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Commercial & Industrial Supply

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