Since 1956, Robinair has been the global leader of automotive air conditioning (A/C) refrigerant recovery, recycling and recharge tools, equipment and accessories.
Air conditioning service units from Robinair

The completely automatic and user-friendly Robinair air conditioning service unit was developed for the uncomplicated maintenance of vehicular air condition while also minimizing the need for manual user intervention. The units independently direct the recovery, recycling and filling processes for oil and refrigerant while also relieving and supporting the mechanic in carrying out his/her work. However, they also have a manual mode to allow for direct control of every individual phase. All of our units have an integrated database that provides details about the required refrigerant and oil quantities in a vehicle’s air conditioning unit and the service unit is also available with a printer to print out a detailed report.
Robinair AC1234
The new standard in air conditioning service

AC1234 is the first SAE approved air conditioning service unit to conduct maintenance and service on mobile air conditioning systems that use the new refrigerant R-1234yf.

Developed in conjunction with car manufacturers, this unit meets the highest standards in performance, safety and efficiency. Working with a global engineering team, Robinair has brought all its experience to bear in this unit. This ensures that R-1234yf-based air conditioning systems are serviced in the most efficient and most reliable way possible, giving you peace of mind.

The unit is designed to be intrinsically safe: it will only operate after having successfully completed a thorough self-check.

AC1X34 models, recently added within AC1234 product range, offer for R-134a systems the same technology and performances of the R-1234yf unit. An optional kit is available to upgrade the AC1X34 for the new refrigerant.
AC1234-8, AC1234-7 and AC1X34-7

AC1234-8 and AC1234-7 are service units which perform maintenance of A/C systems with R-1234yf refrigerant. The AC1X34-7 model offers all of the functions required for the professional maintenance of R-134a-based vehicle air conditioning systems and can be easily converted into a fully automatic R-1234yf unit. Robinair has developed these fully automatic units in co-operation with car manufacturers to ensure an excellent maintenance of A/C systems of vehicles of the new generation.

Highlights:
- The 15 gram precision level of the charge and recovery function has been reached thanks to the integrated electronic control of refrigerant pressure and temperature.
- The AC1234 service units are provided with a cutting-edge technology that allows recovering over 95% refrigerant from the vehicle.
- The electronic scale system and 3 bottles with piston injection independent circuits prevent lubricants and tracers from being contaminated, resulting in an easier and faster maintenance of A/C systems even on hybrid vehicles.
- The innovative graphic interface with colour display and the wide High and Low pressure gauges allow to constantly monitor the A/C system during all recharge phases. Service hoses and quick-release couplings comply with SAE J2888 and the highest quality standards.
- The fluid purity, essential condition for a correct maintenance of the new systems, is ensured by an integrated refrigerant identifier in the AC1234-8 station (optional for AC1234-7).
- These models are provided with SD Card slot, Ethernet and USB ports, as well as a printer.

Bodies and associations such as the TUV and the German Car Manufacturers have recognized safety, reliability and efficiency of the AC1234 Robinair units.
AC1234-3 and AC1X34-3

Robinair AC1234-3 is the new standard for service unit which perform maintenance of A/C systems with R-1234yf refrigerant. The AC1X34-3 offers all of the functions required for the professional maintenance of R-134a-based vehicle air conditioning systems and can be easily converted to R-1234yf unit. Both units carry out automatic refrigerant recovery, recycling and filling and guarantee the quick, complete drying of the system. AC1234-3P and AC1X34-3P are equipped with printer.

**Highlights:**
- Safety guaranteed and certified for R-1234yf use
- Service hoses flushing, conforming to SAE J2843, allows the maintenance of A/C systems for hybrid or electric vehicles
- Optional kit allows to flush the A/C system easily and automatically
- User interface available in 20 languages
- Management and storage of the amount of refrigerant used
- Database option with A/C system original specification
- Certificate CE
- TUV certification

Easy to use: These automatic units do the hard work for you. No instructions will be needed to start using units professionally.
AC690PROyf Fully automatic air conditioning unit for R-1234yf A/C systems

The technologically advanced AC690PROyf delivers reliable workshop service and supports a healthy environment. Technical competence allows safety, ease of operation, and precision. The AC690PROyf ensures easy, timesaving, and precise service on modern R-1234yf air conditioning systems. Robinair technology and attention to detail ensures equipment compliance with all applicable performance and safety standards including the R-1234yf refrigerant service equipment. Nowadays, everything is easier with Automation. With the AC690PROyf, air conditioning service is fully automatic.

Highlights:
- Professional equipment as standard
- Fully automatic service process
- Single service process selectable
- Service hoses flushing function for Hybrid/electrical systems compatibility
- Separate OIL/UV dye injection bottles
- High performance deep vacuum function
- Electronic control of internal air exchange
- Integrated flushing program with optional kit
- Automatic purge of non-condensable gas
- Easy internal filter maintenance and vacuum pump oil change

The diagnostics innovation for R-1234yf
## Technical data, primary functions

<table>
<thead>
<tr>
<th></th>
<th>AC1234-8</th>
<th>AC1234-7 / AC1X34-7</th>
<th>AC1234-3 / AC1X34-3</th>
<th>AC690PROyf</th>
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<tr>
<td><strong>Refrigerant</strong></td>
<td>R-1234yf</td>
<td>R-1234yf or R-134a</td>
<td>R-1234yf or R-134a</td>
<td>R-1234yf</td>
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<td><strong>Operating mode</strong></td>
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<td>Full automatic</td>
<td>Full automatic</td>
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<td><strong>Car manufacturer recommendations</strong></td>
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<td>Yes</td>
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<td><strong>CE</strong></td>
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<td>Yes</td>
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<td><strong>TUV</strong></td>
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<tr>
<td><strong>Functions</strong></td>
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<td></td>
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<td></td>
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<tr>
<td>Refrigerant recovery</td>
<td>Automatic</td>
<td>Automatic</td>
<td>Automatic</td>
<td>Automatic</td>
</tr>
<tr>
<td>Recovery accuracy / performance</td>
<td>15 gr, &gt; 95 %</td>
<td>15 gr, 95 %</td>
<td>&lt; 95 %</td>
<td>&lt; 95 %</td>
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<tr>
<td>Refrigerant identifier</td>
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<td>Option</td>
<td>Option</td>
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<td>Oil recovery</td>
<td>Automatic with electronic scale</td>
<td>Automatic with electronic scale</td>
<td>Automatic with electronic scale</td>
<td>Automatic with electronic scale</td>
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<tr>
<td>Vacuum test</td>
<td>Automatic</td>
<td>Automatic</td>
<td>Automatic</td>
<td>Automatic</td>
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<tr>
<td>Leak test</td>
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<td>Automatic</td>
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<td>Automatic</td>
</tr>
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<td>Oil injection</td>
<td>PAG and POE, Automatic with electronic scale</td>
<td>PAG and POE, Automatic with electronic scale</td>
<td>Automatic with electronic scale</td>
<td>PAG and POE, Automatic with electronic scale</td>
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<tr>
<td>UV dye injection</td>
<td>Automatic with electronic scale</td>
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<td>—</td>
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<tr>
<td>Refrigerant charge</td>
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<td>Automatic with electronic scale</td>
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<tr>
<td>Flushing function</td>
<td>Yes, optional kit</td>
<td>Yes, optional kit</td>
<td>Yes, optional kit</td>
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<td>Printer</td>
<td>Yes</td>
<td>Yes</td>
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<td>Air purge system</td>
<td>Electronic control</td>
<td>Electronic control</td>
<td>Automatic</td>
<td>Electronic control</td>
</tr>
<tr>
<td>Hybrid A/C system compatibility (hoses flush, PAG/PFO)</td>
<td>Yes, hoses flush and PAG/PFO oil injection</td>
<td>Yes, hoses flush and PAG/PFO oil injection</td>
<td>Yes, hose flush</td>
<td>Yes, hoses flush and PAG/PFO oil injection</td>
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### Technical specification

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<tr>
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<th>AC1234-8</th>
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<th>AC1234-3 / AC1X34-3</th>
<th>AC690PROyf</th>
</tr>
</thead>
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<tr>
<td><strong>Manual operation valves</strong></td>
<td>—</td>
<td>—</td>
<td>2</td>
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<td>HP &amp; LP pressure gauge</td>
<td>100 mm pulse free</td>
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<tr>
<td>Tank pressure gauge</td>
<td>Digital</td>
<td>Digital</td>
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<td>Service hoses length &amp; specs</td>
<td>3 mt</td>
<td>3 mt</td>
<td>3 mt</td>
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<td>Display</td>
<td>5”” TFT ¼VGA</td>
<td>5”” TFT ¼VGA</td>
<td>160 x 120 Monocromatic</td>
<td>160 x 120 Monocromatic</td>
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<tr>
<td>Compressor</td>
<td>3/8 HP</td>
<td>3/8 HP</td>
<td>1/4 HP</td>
<td>1/4 HP</td>
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<tr>
<td>Vacuum pump</td>
<td>170 l/min (6 CFM)</td>
<td>170 l/min (6 CFM)</td>
<td>71 l/min (3 CFM)</td>
<td>170 l/min (6 CFM)</td>
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<td>Refrigerant tank capacity</td>
<td>9.09 kg</td>
<td>9.09 kg</td>
<td>8 kg</td>
<td>20 kg</td>
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<td>Oil tanks</td>
<td>3x 250 ml (hemertically sealed)</td>
<td>3x 250 ml (hemertically sealed)</td>
<td>2x 250 ml</td>
<td>3x 250 ml</td>
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<tr>
<td>UV tank</td>
<td>1x 250 ml</td>
<td>1x 250 ml</td>
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<td>Dimension</td>
<td>107 x 61 x 76 cm</td>
<td>107 x 61 x 76 cm</td>
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<td>230 50/60 Hz</td>
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### Accessories

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<th>AC1234-8</th>
<th>AC1234-7 / AC1X34-7</th>
<th>AC1234-3 / AC1X34-3</th>
<th>AC690PROyf</th>
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<tbody>
<tr>
<td><strong>Electronic database</strong> (refrigerant and oil quantity)</td>
<td>Yes</td>
<td>Yes</td>
<td>Option, on SD card</td>
<td>Yes, on SD card</td>
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<td><strong>Vehicle universal flushing adapter set</strong></td>
<td>Option</td>
<td>Option</td>
<td>Option</td>
<td>Option</td>
</tr>
<tr>
<td><strong>Video player</strong></td>
<td>Yes</td>
<td>Yes</td>
<td>—</td>
<td>—</td>
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<tr>
<td><strong>USB connection</strong></td>
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<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
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<td><strong>Bluetooth</strong></td>
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<td>Option</td>
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<td>—</td>
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<tr>
<td><strong>SD memory support</strong></td>
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<td>Yes</td>
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<td>Yes</td>
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<tr>
<td><strong>PC connection</strong></td>
<td>Yes</td>
<td>Yes</td>
<td>—</td>
<td>—</td>
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<tr>
<td><strong>Retrofit kit R-134a &gt; R-1234yf</strong></td>
<td>—</td>
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<td>Option</td>
<td>—</td>
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</table>
The world-market leader is offering the new AC788PRO air conditioning service unit to garages as a completely automatic unit to perform simple and low-cost servicing of air conditioning systems in customer vehicles. The unit, which has a TFT colour display making it now even easier to use, combines innovative technologies with the normal high quality and performance expected of Robinair units. This is the first air conditioning service unit under the Robinair brand, the development of which was carried out in complete and total compliance with the new and especially strict SAE J2788 standard, which aims at making air conditioning service even more efficient and limiting emissions of substances that pollute the environment. The AC788PRO not only meets the strict requirements of the standard but with its 95% efficiency in refrigerant recovery, it even exceeds it.

An integrated printer and the standard temperature sensor in the unit ensure that the AC788PRO will allow comprehensive servicing of air conditioning units with exact documentation.

**Highlights:**
- Suitable for vehicles with combustion engines and hybrid vehicles
- PC AC remote desktop function
- Asanetwork SW (Optional)

**Exceptional purity:**
- 500 ppm HBR (oil)
- 150 ppm non-condensing gasses
- 50 ppm moisture

**AC788PRO Precise, practical, powerful:**
Detailed-focused solutions for the highest standards

Safe and efficient, for professional and economical air conditioning maintenance
AC788PRO
Features at a glance

Large colour display
Easily accessible connections
Program Interface PC
Separate fresh oil circuits for PAG and POE oils
Electronically controlled compressor
High performance vacuum pump
The AC690PRO is one of the most sold air conditioning service units for cars and trucks. Like all completely automatic Robinair units, it is designed to carry out the maintenance of R-134a-based air conditioning systems with a minimum of manual intervention. The unit automatically controls every phase of maintenance, including oil and refrigerant recovery, recycling and refilling without needing direct intervention from a technician. However, the manual mode allows the user to control all aspects individually if so desired. The powerful, two-phase vacuum pump assures quick and effective evacuation of the system and, as with all Robinair units, it comes equipped with a data base to provide the necessary oil and refrigerant quantities for the vehicle’s air conditioner. The AC690PRO also has an integrated printer to create detailed reports. As an alternative for garages with low service levels, we offer our AC595PRO model, which has a less powerful compressor yet still meets the requirements for a professional A/C service and without any compromise to the high quality one expects from Robinair units.

Highlights:
- Quick access or detail mode possible
- Automatic management of recovery and recycling
- Manual or automatic use
- Multi-phase recycling
- Programmable vacuum phase
- Automatic re-filling
- Integrated, guided pressure test for the system
- Automatic oil suction and filling
- Automatic UV leak detector injection
- Automatic removal of non-condensable gasses
- Programmable maintenance
- Multi-lingual software
- Intelligent filling quantity control
- Integrated rinsing program
- Data transfer with Smart Key

AC695PRO, AC690PRO and AC595PRO
Fully automatic air conditioning service units

First-class equipment for cars and commercial vehicles
The AC590PRO is the most popular air conditioning service unit among European air conditioning specialists. It offers all of the functions required for the professional maintenance of R-134a-based vehicle air conditioning systems. The unit automatically carries out refrigerant recovery, recycling and refilling. The powerful, two-phase vacuum pump assures the quick and effective evacuation of the system. The integrated data base contains exact specifications of the required oil and refrigerant quantities for the air conditioner in each vehicle and an optional printer can be used to create a detailed report.

Highlights:
- Automatic service process
- Single service process selectable
- Deep vacuum (vacuum pump 170 l/min)
- Oil injection bottle
- Large internal tank (20 kg)
- Messages on display guide the operators step by step
- Integrated database for car, truck and commercial vehicle
- Charge with automatic compensation of service hoses
- Integrated flushing program with optional kit
- Multi-phase refrigerant recycling during vacuum phase
- Integrated, guided performance test for A/C system (option)
- Automatic purge of non condensable gas
- Easy internal filter maintenance
- Accessible vacuum pump for easy oil change
- Printer

Guarantees quick and precise maintenance
AC790PRO
Automatic air conditioning service unit for heavy duty systems

The AC790PRO is an air conditioning service unit, which is specifically designed to meet bus and truck requirements and is focused on high-capacity, R-134a-based air conditioners. The unit automatically checks refrigerant recovery, recycling and refilling. Five-meter service hoses make the connection easy in all A/C systems. The two-liter bottle for oil injection and recovery permits management of large quantities of compressor lubricant. The double fan assures excellent temperature control and constant refrigerant pressure during the recovery phase. At the same time, it prevents the internal components from overheating. The high performance filling pump allows the quick and complete filling of refrigerant and oil. The unit has an integrated printer to create a detailed report and makes it possible to provide professional air conditioner servicing for heavy commercial vehicles and buses.

Highlights:
› Automatic service process
› Single service process selectable
› Fast and Deep vacuum (vacuum pump 283 l/min)
› Large oil canister (2000 ml)
› Large internal tank (35 kg)
› Long service hoses standard (5 mt)
› Liquid pump for charge oil and refrigerant
› Integrated database for both trucks and commercial vehicles
› Integrated flushing program with optional kit
› Multi-phase refrigerant recycling during vacuum phase
› Integrated, guided performance test for A/C system
› Automatic purge of non condensable gas
› Easy internal filter maintenance
› Accessible vacuum pump for easy oil change
› Printer
The ACM3000-ROB is our starter model for air conditioning specialists. It offers all the basic functions and necessary performance for the professional working with R-134a based air conditioning systems. The unit carries out automatic refrigerant recovery, recycling and filling and guarantees the quick, complete drying of the system. An optional printer is also available to create detailed reports.

**Highlights:**
- Automatic service process
- Single service process selectable
- Oil injection bottle
- Integrated database for car, truck and commercial vehicle (optional)
- Automatic purge of non condensable gas
- Easy internal filter maintenance
- Accessible vacuum pump for easy oil change
- Printer (optional)
## Technical data, primary functions

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<thead>
<tr>
<th></th>
<th>AC788PRO</th>
<th>AC695PRO</th>
<th>AC690PRO</th>
<th>AC595PRO</th>
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<tr>
<td>Refrigerant</td>
<td>R-134a</td>
<td>R-134a</td>
<td>R-134a</td>
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<td>Car manufacturer recommendations</td>
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<tr>
<td>CE</td>
<td>Yes</td>
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### Functions

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<th>Function</th>
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<th>AC695PRO</th>
<th>AC690PRO</th>
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<tbody>
<tr>
<td>Refrigerant recovery</td>
<td>Automatic</td>
<td>Automatic</td>
<td>Automatic</td>
<td>Automatic</td>
</tr>
<tr>
<td>Recovery accuracy / performance</td>
<td>30 gr, &gt; 95 % (SAE J2788)</td>
<td>&lt; 95 %</td>
<td>&lt; 95 %</td>
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<td>Oil recovery</td>
<td>Automatic with electronic scale</td>
<td>Automatic with electronic scale</td>
<td>Automatic with electronic scale</td>
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<td>Vacuum</td>
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<td>Leak test</td>
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<td>Oil injection</td>
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<td>Flushing function</td>
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<td>Yes, optional kit</td>
<td>Yes, optional kit</td>
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<td>Printer</td>
<td>Yes</td>
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<td>Yes</td>
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<td>Air purge system</td>
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<td>Hybrid A/C system compatibility</td>
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### Technical specification

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<th>AC695PRO</th>
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<tbody>
<tr>
<td>Manual operation valves</td>
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<tr>
<td>HP &amp; LP pressure gauge</td>
<td>80 mm Pulse free Class 1</td>
<td>80 mm Pulse free Class 1</td>
<td>80 mm Pulse free Class 1</td>
<td>80 mm Pulse free Class 1</td>
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<td>Tank pressure gauge</td>
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<td>Service hoses length &amp; specs</td>
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<td>Backlit LCD Alphanumeric 4 x 20</td>
<td>Backlit LCD Alphanumeric 4 x 20</td>
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<tr>
<td>Compressor</td>
<td>3/8 HP</td>
<td>3/8 HP</td>
<td>3/8 HP</td>
<td>1/4 HP</td>
</tr>
<tr>
<td>Vacuum pump</td>
<td>170 l/min (6 CFM)</td>
<td>170 l/min (6 CFM)</td>
<td>170 l/min (6 CFM)</td>
<td>71 l/min (3 CFM)</td>
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<td>Refrigerant tank capacity</td>
<td>20 kg</td>
<td>20 kg</td>
<td>20 kg</td>
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</tr>
<tr>
<td>Oil tanks</td>
<td>3x 250 ml</td>
<td>2x 250 ml</td>
<td>2x 250 ml</td>
<td>2x 250 ml</td>
</tr>
<tr>
<td>UV tank</td>
<td>1x 250 ml</td>
<td>1x 50 ml</td>
<td>1x 50 ml</td>
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<td>110 kg</td>
<td>100 kg</td>
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<td>Power supply</td>
<td>230 50/60 Hz</td>
<td>230 50/60 Hz</td>
<td>230 50/60 Hz</td>
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### Accessories

<table>
<thead>
<tr>
<th>Accessory</th>
<th>AC788PRO</th>
<th>AC695PRO</th>
<th>AC690PRO</th>
<th>AC595PRO</th>
</tr>
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<tbody>
<tr>
<td>Electronic database (refrigerant and oil quantity)</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Programmable user database</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
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<tr>
<td>A/C performance test</td>
<td>Yes</td>
<td>Option</td>
<td>Option</td>
<td>Option</td>
</tr>
<tr>
<td>Temperature probe</td>
<td>Yes, 4 mt cable</td>
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<tr>
<td>Vehicle universal flushing adapter set</td>
<td>Option</td>
<td>Option</td>
<td>Option</td>
<td>Option</td>
</tr>
<tr>
<td>Video player</td>
<td>Yes</td>
<td>—</td>
<td>—</td>
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<tr>
<td>USB connection</td>
<td>Yes</td>
<td>—</td>
<td>—</td>
<td>—</td>
</tr>
<tr>
<td>Bluetooth</td>
<td>Yes</td>
<td>—</td>
<td>—</td>
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</tr>
<tr>
<td>SD memory support</td>
<td>Yes</td>
<td>—</td>
<td>—</td>
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<tr>
<td>PC connection</td>
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<td></td>
<td>AC590PRO</td>
<td>AC790PRO</td>
<td>ACM3000-ROB</td>
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<tr>
<td>---------------------</td>
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<tr>
<td>Refrigerant</td>
<td>R-134a</td>
<td>R-134a</td>
<td>R-134a</td>
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<tr>
<td>Operating mode</td>
<td>Automatic</td>
<td>Automatic</td>
<td>Automatic</td>
<td></td>
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<tr>
<td>Car manufacturer recommendations</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td></td>
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<td>CE</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td></td>
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<tr>
<td><strong>Functions</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>Refrigerant recovery</td>
<td>Automatic</td>
<td>Automatic</td>
<td>Automatic</td>
<td></td>
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<tr>
<td>Recovery accuracy / performance</td>
<td>&lt; 95 %</td>
<td>&lt; 95 %</td>
<td>&lt; 95 %</td>
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<tr>
<td>Oil recovery</td>
<td>Automatic</td>
<td>Automatic</td>
<td>Automatic</td>
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<tr>
<td>Vacuum</td>
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<td>Automatic</td>
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<tr>
<td>Leak test</td>
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<td>Automatic</td>
<td>Automatic</td>
<td></td>
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<tr>
<td>Oil injection</td>
<td>Manual with solenoid</td>
<td>Manual with solenoid and charge pump</td>
<td>Manual with solenoid</td>
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<tr>
<td>UV dye injection</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td></td>
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<tr>
<td>Refrigerant charge</td>
<td>Automatic with electronic scale</td>
<td>Automatic with electronic scale and charge pump</td>
<td>Automatic with electronic scale</td>
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<tr>
<td>Flushing function</td>
<td>Yes, optional kit</td>
<td>Yes, optional kit</td>
<td>—</td>
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<tr>
<td>Printer</td>
<td>Optional</td>
<td>Yes</td>
<td>Optional</td>
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<tr>
<td>Air purge system</td>
<td>Automatic</td>
<td>Automatic</td>
<td>Automatic</td>
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</tr>
<tr>
<td>Hybrid A/C system compatibility (hoses flush, POE/PAG)</td>
<td>—</td>
<td>—</td>
<td>—</td>
<td></td>
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<tr>
<td><strong>Technical specification</strong></td>
<td></td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>Manual operation valves</td>
<td>2</td>
<td>2</td>
<td>2</td>
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<tr>
<td>HP &amp; LP pressure gauge</td>
<td>80 mm pulse free Class 1</td>
<td>80 mm pulse free Class 1</td>
<td>80 mm pulse free Class 1</td>
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<tr>
<td>Tank pressure gauge</td>
<td>40 mm</td>
<td>40 mm</td>
<td>40 mm</td>
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<tr>
<td>Service hoses length &amp; specs</td>
<td>2.5 mt</td>
<td>5 mt</td>
<td>2.5 mt</td>
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<tr>
<td>Display</td>
<td>Backlit LCD Alphanumeric 4 x 20</td>
<td>Backlit LCD Alphanumeric 4 x 20</td>
<td>Backlit LCD Alphanumeric 2 x 20</td>
<td></td>
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<tr>
<td>Compressor</td>
<td>3/8 HP</td>
<td>1/2 HP</td>
<td>1/4 HP</td>
<td></td>
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<tr>
<td>Vacuum pump</td>
<td>170 l/min (6 CFM)</td>
<td>283 l/min (10 CFM)</td>
<td>71 l/min (3 CFM)</td>
<td></td>
</tr>
<tr>
<td>Refrigerant tank capacity</td>
<td>20 kg</td>
<td>35 kg (40 l)</td>
<td>8 kg</td>
<td></td>
</tr>
<tr>
<td>Oil tanks</td>
<td>2x 250 ml</td>
<td>2x 2000 ml</td>
<td>2x 250 ml</td>
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<tr>
<td>UV tank</td>
<td>—</td>
<td>—</td>
<td>—</td>
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<tr>
<td>Dimension</td>
<td>128 x 69 x 69 cm</td>
<td>128 x 69 x 69 cm</td>
<td>55 x 52 x 95 cm</td>
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<td>110 kg</td>
<td>120 kg</td>
<td>60 kg</td>
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<td>Power supply</td>
<td>230 50/60 Hz</td>
<td>230 50 Hz</td>
<td>230 50/60 Hz</td>
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<td><strong>Accessories</strong></td>
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<tr>
<td>Electronic database (refrigerant and oil quantity)</td>
<td>Yes</td>
<td>Yes</td>
<td>Optional</td>
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<td>Yes</td>
<td>Yes</td>
<td>—</td>
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<td>PC connection</td>
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</tbody>
</table>
Robinair ACS Accessories program

LEAK DETECTION
› Electronic leak detectors
› Nitrogen kits
› UV dye leak detection

ELECTRONIC TEST INSTRUMENTS
› Diagnostic tool
› Electronic vacuum meter
› Refrigerant Identifier
› Digital thermometers

ACS ACCESSORIES
› Flushing kits
› Special adapters and hoses
› Oil / Lubricants
› Filter dryers
› Softwares and printers
› Other accessories
Infrared refrigerant leak detector

**22791-E**

- Advanced infrared sensor designed to last a minimum of 10 years
- Three sensitivity levels down to 5 g/year
- Automatically recalibrates in highly contaminated areas to help pinpoint the exact location of the leak
- Won’t trigger on oil or moisture
- Detects CFC, HFC and HCFC blend refrigerants
- 8-hour lithium ion battery lasts all day long and beyond
- A visual alert and peak button make it easy to find leaks in noisy environments
- Audible alert with mute button
- Magnetic hanger for simple hanging of unit during leak repair
- Durable carrying case lets you easily transport detector and accessories
- Meets new SAE J2791 and the new SAE J2913 leak detection standard

**Specifications:**

- Gases measured: CFC, HFC, HCFC blends (R-1234yf, R-134a, etc.)
- Sensing element: Infrared
- Response time: Less than 1/2 second
- Sensitivity levels: HIGH 5 g/year and higher
  MEDIUM 7 g/year and higher
  LOW 15 g/year and higher
- Accuracy: Meets current SAE J2791 standards
- Calibration: Automatic
- Warm up time: 30 seconds
- Probe length: 38 cm
- Battery type: 7.4VDC (nominal) rechargeable lithium ion polymer battery
- Battery life: Approximately 8 hours when fully charged
Heated pentode refrigerant leak detector

**TIFZX-E**
Ergonomic hand held equipment based on heated Pentode technology (Patented) for R12, R22, R-134a refrigerants (CFC, HFC, HCFC). Audible and visual leak indicators, dual adjustable sensitivities, quick response sampling pump.

**Specifications:**
- Patent pending Heated Pentode™ sensor technology
- Refrigerant specific detection
- Detects ALL halogenated refrigerants at levels below 3 g/year as low as 1.4 g/year for R12
- Tri-colour visual leak size indication
- Tactile keypad controls with one touch reset and adjustable sensitivity
- True mechanical pump provides instant response and clearing
- Sensor failure indication
- Carrying case and re-charger included
- Ni-MH rechargeable batteries
- Revolutionary design
- Certified to SAE J1627
- Flexible stainless probe (40 cm)
- CE-approved

Refrigerant leak detector

**TIFRX-1A**
- 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

Refrigerant leak detector

**TIFXP-1A**
- Tri-colour, six-segment visual leak size indicator displays 18 alarm levels
- Seven levels of sensitivity adjustment provide an increase of up to 64x
- Battery test function with true voltage indication
- Mute feature silences audible alarm
- True mechanical pump provides positive airflow through sensing tip
- One touch reset
- Tactile keypad controls
Electronic leak detector

RA16600
For all CFC, HCFC, and HFC Refrigerants. Robinair’s electronic leak detector is ergonomically designed to fit in your hand. Holding it is natural and comfortable, and it fits into tight spots, so you can thoroughly check for leaks. RA16600 is packed with features that help you pinpoint leaks quickly. One-Hand Operation – the 40 cm gooseneck probe holds its position so you can operate the detector with one hand. Audible and Visual Leak Indicators – an alarm increases in frequency as the tip gets close to a high concentration of refrigerant. LEDs are especially helpful when you’re working in a noisy environment. Threshold Balancing Control – gives you infinite control for eliminating background contamination, so you can zero in on the leak site. Volume Control – adjust the audible leak signal to the volume that’s right for the background noise in the shop or at the job site.

Specifications:
› Meets SAE J1627, 14 g/year for R-134a, R22, R12
› Ultimate sensitivity less than 3 g/year
› Instantaneous sensing response time
› Less than 2 seconds warm-up time
› Operating temps 0 – 40 °C

Ultrasonic leak detector

16455
TruTrack is an ultra-sensitive leak detector, which uses ultrasound technology to “hear” the sound of a leak. It makes finding leaks fast and accurate, because it eliminates annoying false triggering and interference. Also, there’s no need to recalibrate for background noise. TruTrack is the perfect complement to other forms of leak detection. It’s effective on systems that are pressurized or under vacuum, because it senses the frequency of refrigerant escaping. Larger leaks may require the use of UV or electronic leak detection systems.

Use trutrack to identify:
› Refrigerant leaks
› Pressurised gas leaks
› Vacuum leaks
› Dry nitrogen gas leaks
› Steam leaks
› Failing solenoids, valves, bearings

 Specifications:
› Microprocessor controlled
› 9 volts battery powered
› Dimension 11.5 x 8,6 x 1,9 cm
› Weight 140 g
› Molded transport case and instructions
› Headphones
Leak detection kit with N$_2$H$_2$ tracer gas

**ACT800 / FLG800 Gas tracer**

Clearly, air-conditioning service providers may not refill systems with fluorinated greenhouse gases if an abnormal amount of the refrigerant has leaked from the system, until the necessary repair has been completed.

This tracer uses a non-toxic, non-flammable, environmentally-friendly (non-polluting) mixture of 5 per cent hydrogen and 95 per cent nitrogen. As a result, the mixture can be released into the environment after the leak detection procedure is completed. The mixture complies with Article 6, Paragraph 3 of EU directive 2006/40/EC.

The leak detector reacts to the hydrogen component of the tracer — because hydrogen molecules are so small, it is an ideal gas for leak detection. The gas is charged into an empty system at a pressure of approximately 75 psi (5 bar). As hydrogen is lighter than air, always probe slightly above the suspected leak area.

Once the source of the leak is located and repaired, the gas can be released and the system can be recharged again with refrigerant.

<table>
<thead>
<tr>
<th>Leak detector</th>
<th>H$_2$ Gas tracer</th>
<th>Order-Nr.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sensitivity</td>
<td>&lt; 5 ppm</td>
<td>Professional Kit</td>
</tr>
<tr>
<td>Sensor life</td>
<td>&gt; 300 hours</td>
<td>Case</td>
</tr>
<tr>
<td>Response time</td>
<td>Instantaneous</td>
<td>Leak Detector</td>
</tr>
<tr>
<td>Power supply</td>
<td>4AA Alkaline batteries</td>
<td>Gas Tank 2 l</td>
</tr>
<tr>
<td>Battery life</td>
<td>8 hours continuous</td>
<td>Low and high side connectors</td>
</tr>
<tr>
<td>Warm up time</td>
<td>&lt; 20 seconds</td>
<td>Hoses</td>
</tr>
<tr>
<td>Probe length</td>
<td>431,8 cm</td>
<td>Pressure Regulator</td>
</tr>
<tr>
<td>Weight</td>
<td>0,68 kg</td>
<td>3 Pressure gauges</td>
</tr>
<tr>
<td>Warranty</td>
<td>2 years</td>
<td></td>
</tr>
</tbody>
</table>

|                            |                            | Base kit                   |
|                            |                            | ACT600                     |
|                            |                            | Leak detector              |
|                            |                            | ACT200                     |
|                            |                            | Tank refill                |
|                            |                            | ACTN2H2                    |
|                            |                            | R-1234yf kit for FLG800    |
|                            |                            | ACT100YF                   |
This equipment is used for pressurising the A/C system with a neutral nitrogen. With a soap solution or an ultrasonic leak detector it is also possible to localise leaks. This kit is also necessary for removing all traces of solvent from an A/C system after flushing.

**Nitrogen kits**

**RA504075**
- Trolley for nitrogen tank
- 0 – 38 bar pressure regulator with manometers
- 2,5 mt service hose with R-134a quick coupler

**RA504076**
- Trolley for \( \text{N}_2 \text{H}_2 \) tank
- 0 – 10 bar pressure regulator with manometers
- 2,5 mt Service hose with R-134a quick coupler
UV dye leak detection

Robinair’s ultraviolet leak detection kits help you find leaks fast, because you can actually see the leak. You don’t have false triggering or background contamination to contend with, as you do with other types of detectors. The dye combines with the refrigerant lubricant and migrates out at the leak, where it is illuminated in the beam of the UV light. UV leak detection can be used for both automotive and HVAC-R systems, and dyes won’t harm the system.

- High intensity beam makes even small leaks visible and is bright enough to be used in daylight.
- Rugged case and a shock-absorbing mounting mechanism protect the lamp during use and storage.
- Designed with super luminescence, so leaks are easy to spot, even small ones.
- Won’t affect the viscosity of refrigerant lubricants and is safe for the entire A/C system.

UV leak detection kit

**RA16352EU**

- Halogen UV lamp 12 volts 60 watt, vehicle battery connection about 3000 hours life time
- UV shield glasses
- UV dye injection gun with connection for R-134a
- 4 UV universal dye cartridges 30 ml for 5 applications each
- Molded transport case
**Fluorescent leak detection kits**

- The easiest and most accurate gun available today
- One squeeze injects a pre-measure amount (1/8 oz.) of dye.
- No more adding too much dye.
- Brightest dyes in the industry, exceeds all industry performance standards
- Most powerful light in its class. Fluorescent dye from up to 50 ft away
  (light is only used in 16235 kit)
- Meets the new SAE J2297 standard

16234
- Injection gun
- Fluorescent leak detection dye

16235
- Injection gun
- Fluorescent light
- Fluorescent leak detection dye
- Fluorescent dye cleaner
- UV glasses
- Blow molded case
- R-1234yf service coupler

16240
- 1 x 240 ml – for 64 applications
- Fluorescent leak detection dye

---

**UV dye injection kit**

RA16355
- Injection gun with R-134a hose and R12 adapter
- 4 universal A/C dye twist-on cartridges

---

**UV lamps**

A high intensity lamp which makes even the smallest leak easy to spot. The durable design stands up to everyday use and the pistol-grip design is comfortable to hold.

**ACT845 – Rechargeable star brite 1 LED**

Professional compact leak detection lights deliver big performance, utilising a 1-Watt Star Brite Lamp, the latest in high intensity LED technology. Compatible with all UV leak detection dyes. The most powerful lamps of their class in the world.

**RA16296 – Halogen UV leak detection lamp**

12 volts UV leak detection, UV shield/enhancer glasses, power cord with battery clips, CE approved.
UV DYE LEAK DETECTION

Syringe type injector

RA16256
Use these syringe-type injectors to inject oil into a fully pressurized A/C system. Just fill the barrel with the amount of oil needed (measurements are marked on the barrel body). Connect the injector fitting to the low side access port on the vehicle and press the plunger to deliver the oil charge. Use ACT100731 converter for R12 applications. Not recommended for UV dye injections.

Composition:
Syringe-type injector, R-134a low side quick coupler adapter and blister packing.

Universal UV dye

RA16286B
› 1 x 240 ml – for 32 applications
› Universal for R12, R-134a and R-1234yf
› OEM approved and SAE certified dye in a squeezable dosing bottle

Universal UV dye cartridges

› Universal for R12 and R-134a
› This type of packaging prevents fumbling or messy spills
› Use with the Robinair injection kit RA16355, RA16352EU, RA16380EU.

RA16356 (4x 30 ml) – each for 20 applications
RA16357 (6x 7,5 ml) – each for 6 applications
Multi-purpose and coolant fluorescent dyes

- Exceeds all industry performance standards
- Compatible with all materials found in a vehicle's A/C system
- Meets the new SAE J2297 standard for use with R-134a and R-1234yf
- REACH and CLP compliant

**Multi-purpose dye:**
- 16224 (6x 7,5 ml) – each for 6 applications
- 16245 (1x 250 ml) – for 32 applications

**Can be used with:**
- Engine oil
- Petrol
- Gearbox oil
- Diesel
- ATF
- Power Steering Fluid

**Coolant fluorescent dye:**
- 16885 (6x 7,5 ml) – each for 6 applications
- 16890 (1x 250 ml) – for 32 applications

Universal dye

RA16276 (12x 7,5 ml)
Universal dye for UV leak detection. Contains 12 bottles of 7,5 ml dye each for 12 applications. Compatible with R12, R-134a and R-1234yf air conditioning systems.

Universal engine UV dye

RA16255 (6x 7,5 ml)
UV dye for leak detection on the engine cooling system. Contains 6 bottles of 7,5 ml dye each for 6 applications.

Engine Oil UV dye

RA16286 (6x 7,5 ml)
Engine Oil UV dye bottles

A/C UV dye cleaner

RA16263
Cleans fluorescent dye from systems, components and surfaces. Just spray on area and wipe clean. Safe on all metals and most plastics.
**Tecnoclim PRO PLUS2**

**RA007-PLUS2**
Self powered R-134 and R-1234yf automotive air conditioning diagnostic tool, Tecnoclim PRO PLUS2 allows measurements, monitoring, and automatic diagnosis of the full system’s cold loop, of each of its components. Intuitive and simple to use, it allows, through its USB PC connection, to store and print out detailed diagnostic reports.

**Measurement mode:**
- High pressure, low pressure, refrigerant fluid temperatures (4 inputs), ambient and vent air temperatures and hygrometry displays
- Simultaneous, graphical, or detailed data
- Recording and printing functions

**Monitoring mode:**
- A/C system efficiency
- Condenser monitoring
- Compressor monitoring
- Refrigerant fluid load level monitoring
- Expansion valve, orifice tube and evaporator monitoring

**Diagnostic mode:**
- Fully guided procedure
- High and low pressure, high and low refrigerant fluid temperatures, initial conditions, efficiency (ventilated air), over heating, and under cooling displays
- Automatic analysis and interpretation of measurement’s results in the form of “probable fault reason”
- Customer diagnostic report print-out

**General features:**
- Power supply: Internal battery (autonomy 6 to 8 h) or using vehicle’s battery (from 9 to 38 V)
- Display: TFT-LCD 4,3” – 16,7 M colors
- Communication: USB type 1.1 – PC connection (records storage and printing management software provided)
- Presentation: Plastic case with anti-shock buffer, case with user guide, USB cable and PC connection software and drivers
- Accessories: 4 thermocouple sensors, 1 temperature/hygrometry wireless sensor, LP/HP valve adapter, fixing strap, mains battery charger, linear pressure sensor’s extension (optional)
- Temperature use: from 0 to 50 °C; Storage: from −20 to 60 °C

**Measurements**

<table>
<thead>
<tr>
<th>Measurements</th>
<th>Power</th>
<th>Display</th>
<th>Communication</th>
<th>Presentation</th>
<th>Accessories</th>
</tr>
</thead>
<tbody>
<tr>
<td>Voltage measurement</td>
<td>Range</td>
<td>0 – 5 V. Reading</td>
<td>Range from 10 to 500 Hz</td>
<td>Plastic case with anti-shock buffer, case with user guide, USB cable and PC connection software and drivers</td>
<td>4 thermocouple sensors, 1 temperature/hygrometry wireless sensor, LP/HP valve adapter, fixing strap, mains battery charger, linear pressure sensor’s extension (optional)</td>
</tr>
<tr>
<td>Frequency and RCA measurement</td>
<td>Range</td>
<td>from 5 to 95 % (resolution 1 Hz)</td>
<td>Frequency range from 10 to 500 Hz (resolution 1 Hz)</td>
<td>UNIMAX</td>
<td><strong>Temperature use:</strong> from 0 to 50 °C; <strong>Storage:</strong> from −20 to 60 °C</td>
</tr>
</tbody>
</table>
Refrigerant analyser

1234-IDV
The mobile air conditioning industry is in transition. New A/C systems containing R-1234yf are already on the road. R-134a is still the primary refrigerant in millions of MAC systems and vehicles, and in the near future, recovering/recycling/refilling R-134a will remain an important part of MAC maintenance.

Why identify and analyze? ...because not knowing which refrigerant you’re dealing with can cost you a bundle.
The Robinair 1234-IDV refrigerant identifier will provide a fast, easy and accurate means to determine refrigerant purity in refrigerant storage cylinders or directly in vehicle air conditioning systems. The instrument utilizes non dispersive infrared (NDIR) technology to determine the weight concentration of R-1234yf refrigerant. Acceptable refrigerant purity as it relates to this instrument, has been defined by the german car manufacturer as a refrigerant mixture that contains 98.5%, or greater of R-1234yf, by weight.

Features:
The Robinair 1234-IDV refrigerant identifier is the most precise handheld instrument ever manufactured for determining the purity of R-1234yf for the automotive market.
› Advanced ergonomic design
› Fender friendly resting surface
› Large graphic display with on-screen instructions
› Ultra fast 70 second test time
› Internal, rechargeable battery for cordless operation in any location
› USB Port for connection to the AC1234 service machine
› Hard shell carry/storage case

Technical features

<table>
<thead>
<tr>
<th>Samples parameters</th>
<th>Vapor only, oil free, 300 psi (2 mpa) max.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Detected compounds</td>
<td>R-1234yf</td>
</tr>
<tr>
<td>Sensor technology</td>
<td>Non-dispersive infrared (NDIR)</td>
</tr>
<tr>
<td>Refrigerant sample size</td>
<td>2 grams per sample</td>
</tr>
<tr>
<td>Power</td>
<td>12 VDC, 2 Amps max.</td>
</tr>
<tr>
<td>Operational temperature</td>
<td>10 – 50 °C</td>
</tr>
</tbody>
</table>
Refrigerant identifier

RA16009
How pure is your refrigerant?
Most technicians never question the purity of virgin refrigerant, and most assume the refrigerant in a vehicle is “pure enough” unless the A/C system has a mysterious cooling problem. If a technician has no way of checking the refrigerant before they pull it out of a customer’s vehicle into their recovery equipment it may contaminate their service equipment as well as other vehicles that are serviced with the contaminated equipment. The best defence against unknown refrigerant and the risks associated with unknown refrigerant is a refrigerant identifier.

With the Robinair 16009 R-134a refrigerant identifier you can:

- Protect your A/C service equipment
- Know whether or not you have acceptable R-134a refrigerant before servicing the vehicle with the DiscovR refrigerant identifier
- Guard against costly recovery equipment repairs

Specifications:

- Input power: 12 VDC
- Accuracy: pass/fail – 95% pure R-134a
- Air detection
- Approvals: SAE J1771 – pending
- CE-approved
**IR thermometer pro**

**TIF7620**
Innovative optical lens-accurate measurement; wide temperature range. Laser pointer easy to define the target area to be measured. Set alarm temperatures (low and high temperatures). Difference between MAX and MIN (DIF), and average (AVG) modes are available. The new TIF IR thermometer incorporates visual low battery indication and simple operation of two “AAA” batteries. It also includes an external temperature probe.

**Specifications:**
- Measurement range: –60 °C to +760 °C
- Accuracy (15 °C to 35 °C): 1 °C
- Response time: 0.5 sec.
- Distance to spot: 20:1
- Battery life: 18 hours
- Dimensions: 175 x 39 x 72 mm
- Weight: 180 g
- External temperature probe-measurement range: –64 °C to +1400 °C

**Digital thermometer 180°**

**RA43230**
- Celsius or Fahrenheit selectable option
- Temperature range: –50 °C to 150 °C
- Accuracy: ± 1 °C
  - (between –10 °C and 100 °C)
- Display resolution: 1 °F/°C
- Sampling time: 1 sec.
- Auto Power off
- Battery: One 1.5 Volt, size LR44

**Digital pocket thermometer**

**RA43240**
- Celsius or Fahrenheit selectable option
- Temperature range: –40 °C to 200 °C
- Accuracy: ± 1 °C
  - (between –10 °C and 100 °C)
- Display resolution: 0.1 °F/°C throughout range
- Sampling time: 1 sec.
- Auto Power off
- Battery: One 1.5 Volt, size LR44
Robinair A/C flushing system

Car manufacturers have been giving precise guidelines for all the procedures required after the substitution of an A/C system component. The flushing kit for the A/C service units reloading stations has been developed in collaboration with the most important car manufacturers.

Flushing kits

**ACT550-SFK** – Universal flushing kit for R-134a ACS service units, it contains flushing tank, filter dryer, sight glass, two service hoses SAE J2196. (Order-Nr. SP00101173810)

Composition:
- **ACT550** – Installation kit (Order-Nr. SP00101173810)
- **ACT2502-104** – Starter adapters kit (Order-Nr. ACT2502-104)

**ACT1234-SFK** – Flushing kit for AC1234-8, AC1234-7, AC1X34-7, AC1234-3, AC1X34-3, it contains flushing tank, filter dryer, sight glass, two service hoses SAE J2196 and J2888. (Order-Nr. SP00101176810)

Composition:
- **ACT1234** – Installation kit (Order-Nr. SP00101175810)
- **ACT2502-104** – Starter adapters kit (Order-Nr. ACT2502-104)

Special adapters (optional)

**ACT1800-460** – By-pass filter dryer (VW group)
**ACT2602-273** – TXV valve bridge (VW group)
**ACT2600-185** – Large cone for universal adapter
**ACT2602-274** – TXV valve bridge S class (Mercedes)
**ACT2602-275** – TXV valve bridge C class (Mercedes)
Quick couplers for automotive

Service couplers connect to our special service hoses allowing access to service ports on automotive R-134a and R-1234yf A/C systems. Six-ball couplers have an integral safety sleeve which protect against injury and refrigerant loss if the coupler is disconnected under pressure. The compact design easily fits into tight areas.

- **RA18190A** – Low side R-134a quick couple – SAE specification
- **RA18191A** – High side R-134a quick couple – SAE specification
- **RA30074** – Low side R-1234yf quick couple – German OE specification
- **RA30075** – High side R-1234yf quick couple – German OE specification
- **RA18122** – Low side R-1234yf quick couple – SAE specification
- **RA18123** – High side R-1234yf quick couple – SAE specification

Special service port adapters

- **ACT6002** – HP service port adapter – HP extension service port
- **ACT6003** – HP LP adapter (Renault) – Service port converter
- **ACT6005** – Audi adapter (old models)
- **ACT6006** – Volvo adapter (old models)
- **ACT100731** – R12 adapter
- **RA12686** – HD service adapter – BMW, Volvo, Ford

Hoses extensions for R-134a

- **RA245VSK** – Hoses extension 2,44 m
- **RA500VSK** – Hoses extension 5 m
Premium high vacuum pump oil

The performance of your pump depends largely on the quality and purity of the vacuum oil. Robinair’s oil is engineered to maintain maximum viscosity at high running temperatures and to improve cold weather starts. To keep the pump operating at peak efficiency, change the oil frequently. Moisture and other contaminants can quickly deteriorate the purity of the oil, thinning the oil, and reducing the pump’s ability to reach deep vacuum conditions.

Thermally stable:
Laboratory tests prove that Robinair oil is more thermally stable in comparison to other leading brands, which means it resists breaking down due to heat for a longer period of time.

Lower moisture content:
Robinair oil has a lower moisture content than other oils. Moisture degrades the oil purity, thinning it and reducing the pump’s ability to reach a deep vacuum.

5604052 – Vacuum pump oil: 1 bottle 600 ml
5604052PACK – Vacuum pump oil: 12 bottles 600 ml

PAG oil bottles

PAGRF46 – PAG 46 oil bottle – 250 ml
PAGRF100 – PAG 100 oil bottle – 250 ml
PAGRF150 – PAG 150 oil bottle – 250 ml

Filter dryer

Replacement filter to keep recovery and recycling unit operating at peak efficacy especially blended for maximum acid moisture removal application.

5117399 – Filter dryer: AC590PRO, AC690PRO, AC790PRO service units
5117486 – Filter dryer: ACM3000, AC595PRO service units
34724 – Filter dryer: AC1234-7, AC1234-8 service units
SOFTWARES AND PRINTERS

A/C database

**AC3139/15** – complete A/C database for AC400pro series
Smart cartridge for all AC400PRO, AC450PRO, AC490PRO and ACM3000. It has a complete coverage of refrigerant and oil capacities for vehicles. Covers vehicle models years 1994 – 2014. Database contains more than 7000 A/C systems.

**AC3140/15** – A/C database update
Smart Cartridge to update new vehicles A/C database installed in all Robinair units: AC690PRO, AC595PRO, AC590PRO, ACM3000 models.

**AT/AC3140** – A/C database update
Activation code for AC788PRO and AC1X34-7 models.

PC Program

**ACUSB-ROB** – A/C data manager. Refrigerant management program for AC590PRO, AC595PRO, AC690PRO, AC790PRO, ACM3000-ROB.

Printers

**RA30038** – Printer For AC1X34-3 service unit. Easy to install.
**650-STP** – Printer for AC590PRO. Easy to install.
**3000-STP** – Printer for all ACM3000. Easy to install.
**5607069** – Printer paper. One roll printer paper for all Robinair service units.
**Starter kit for ACS unit**

**RA251TSK**
- RA16286B – 240 ml A/C UV universal dye
- RA43240 – Digital thermometer
- RA161000 – O-ring case
- PAG100 – Compressor oil
- RA16294 – UV lamp
- RA16263 – Cleaner liquid

**Dust covers**

Protect your unit with a silver PVC cover.

**AC550COVER** – Dust cover
Fits for AC790PRO, AC695PRO, AC690PRO, AC595PRO, AC590PRO.

**ACM3000COVER** – Dust cover
Fits Robinair ACM3000 units.

**Safety kit**

**ACT781**
Premium quality industrial gloves. This equipment complies with European Directives 89/668EEC, EN388 Standards. Mechanical risks protection. Goggles protect against liquid splashes and large dust particles. Hard coated polycarbonate lens, 4 indirect vents in frames, elastic head band.
For further information on Robinair products please visit www.robinair.com or contact your local wholesaler.