

# AC product range 2019

Since 1956, Robinair has been the global leader of automotive air-conditioning refrigerant recovery, recycling and recharge tools, equipment and accessories.





## Global leader of Automotive Air Conditioning since 1956

As long as there's been air conditioning, there's been Robinair, the global leader in 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.

## The new AC units range for R134a and R1234yf systems: Service speed, high adaptability and maximum efficiency – the key for a successful air conditioning service and maintenance

Air conditioning systems are part of standard vehicle maintenance routine programs – and it is a matter of fact that mechanics are often obliged to solve problems relating to A/C system efficiency. Troubleshooting requires time and the scarce availability of A/C system data for maintenance best practice and increased refrigerant costs can harm the profitability of your workshop. Innovative A/C equipment designed based on customers' experience is the key to success: the new range of Robinair A/C units perfectly combines unique and different functions and needs – for all workshops.

The new A/C platform with fully-automatic functions offers a wealth of important and exclusive features, such as:

- › 'Deep Recovery', which reduces maintenance times for A/C systems by 20%. A quick return on investment.
- › Efficient and environmentally-friendly use of resources thanks to 99% recovery of the refrigerant from the vehicle.
- › An innovative oil injection system avoids the danger of lubricant cross-contamination and additional repair costs.





## AC1234-8i, AC1234-7i and A1x34-7i

### Fully automatic air conditioning service units

Completely fully automatic service units meet the highest requirements for servicing air conditioning units in cars and commercial vehicles. Compatible with hybrid A/C systems meeting German car manufacturer specifications, SAE and European standards.

#### Highlights:

- › Embedded refrigerant identifier (AC1234-8i)
- › 99 % recovery rate (Deep Recovery)
- › Mobile app
- › Dual stage vacuum pump (170l/min)
- › N2H2/N2 leak test embedded
- › Premium accuracy: 15 grams charge accuracy
- › Embedded A/C system vehicle database
- › Compatible with Bosch Connected Repair and Asanetwork
- › Quick and easy access to internal components
- › Innovative PAG/POE oil injection
- › Select between fully automatic service mode or single service mode
- › No manual valves

**AC1234-8i** (SP00000114): Fully automatic ACS unit R1234yf with Refrigerant Identifier

**AC1234-8i Nx** (SP00000126): Fully automatic AC unit R1234yf with Refrigerant Identifier and N2H2/N2 kit

**VAC1234-8i** (SP00000128): Fully automatic AC unit R1234yf with Refrigerant Identifier (OE version)

**RAC1234-8i** (SP00000142): Fully automatic AC unit R1234yf with Refrigerant Identifier (SAE version)

**AC1234-7i** (SP00000115): Fully automatic AC unit R1234yf

**AC1x34-7i** (SP00000111): Fully automatic AC unit R134a



The best  
in class in  
R134a and  
R1234yf air  
conditioning  
service units



## AC1234-5i and AC1x34-5i

### Fully automatic air conditioning service unit

Completely fully automatic unit for servicing air conditioning units in cars and commercial vehicles with R134a and R1234yf refrigerant. Compatible with hybrid A/C systems meeting European standards ensuring correct and environmentally friendly handling of refrigerant.

#### Highlights:

- > 99% recovery rate (Deep Recovery)
- > Dual Stage vacuum pump 170 l/min
- > PAG/POE oil injection
- > Premium accuracy: 15 grams charge accuracy
- > Embedded A/C system vehicle database
- > Quick and easy access to internal components
- > Select between fully automatic service mode or single service mode
- > No manual valves

**AC1234-5i** (SP00000137): Fully automatic AC unit R1234yf

**AC1234-5i P** (SP00000138): Fully Automatic AC unit R1234yf with Printer

**AC1234-5i RI** (SP00000139): Fully Automatic AC unit R1234yf with Printer and Refrigerant Identifier

**AC1x34-5i** (SP00000140): Fully automatic AC unit R134a

**AC1x34-5i P** (SP00000141): Fully automatic AC unit R134a with Printer



The new reference for  
R134a and R1234yf  
air conditioning  
service units



## Highlights of new AC generation

### Product highlights



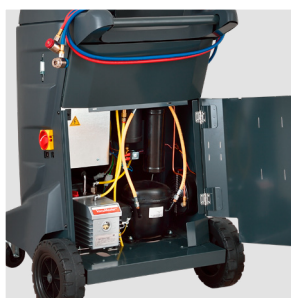
Innovative graphic user interface with large high-pressure and low-pressure gages placed on a swiveling control console. For easy reading and control of parameters under all ambient lighting conditions.



Wide range of accessories that come or can be integrated according to the model configuration. Nitrogen/Tracer gas kit; flushing kit to make your AC unit a complete station for diagnosis and AC system service repair.



The danger of cross-contamination (PAG/POE) lubricants is avoided thanks to the independent oil injection system, user-fillable sealed bottles, and the flushing cycle of the service hoses which is automated at every oil change.



The product has been developed according to a modular design principle of use and approach with easy access to internal components for reduced AC maintenance time.

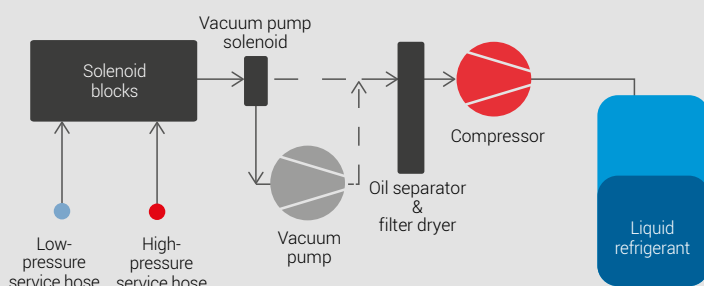


Robinair dual-stage vacuum pump with the highest flow rate on the equipment market (170 L / min) to guarantee faster and, above all, deeper dehydration of the A/C system.

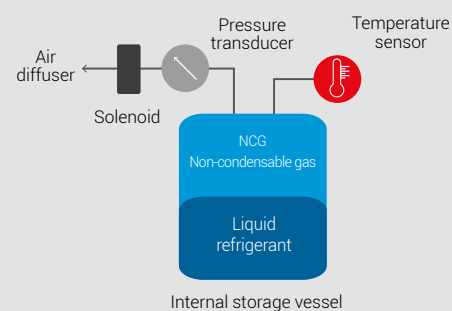


AC remote control through mobile app

#### Deep Recovery (US patent) and vacuum functions (170l/min)



#### Air purge electronically controlled to avoid refrigerant waste and refrigerant contamination



## Technical data, primary functions

	AC1234-8i	AC1234-7i / AC1X34-7i	AC1234-5i / AC1X34-5i
Refrigerant Type	R1234yf	R1234yf / R134a	R1234yf / R134a
Operating mode	Full automatic	Full automatic	Full automatic
<b>Functions</b>			
Refrigerant recovery	Automatic	Automatic	Automatic
Recovery performance	> 99 %	> 99 %	> 99 %
Refrigerant identifier	Yes	Optional	Optional (embedded for AC1234-5i RI )
Waste oil recovery	Automatic with electronic scale	Automatic with electronic scale	Automatic with electronic scale
Vacuum	Automatic	Automatic	Automatic
Vacuum leak test	Automatic	Automatic	Automatic
Pressure leak test (pre-charge)	Yes	Yes	Yes
Pressure leak test (N2 / N2H2)	Yes	Yes	Optional
Hybrid A/C system ready	Yes	Yes	Yes
Oil injection	PAG / POE Automatic with electronic scale	PAG / POE Automatic with electronic scale	PAG / POE Automatic
UV dye injection	Automatic with electronic scale	Automatic with electronic scale	Automatic
Refrigerant recharge	Automatic with electronic scale	Automatic with electronic scale	Automatic with electronic scale
Flushing function	Optional	Optional	Optional
Embedded printer	Yes	Yes	AC1234-5i RI AC1234-5i P AC1x34-5i P
Air purge system	Electronically controlled	Electronically controlled	Electronically controlled
<b>Technical specification</b>			
HP & LP panel valves	Valveless	Valveless	Valveless
HP & LP pressure gauges	100 mm pulse-free Class 1	100 mm pulse-free Class 1	100 mm pulse-free Class 1
Tank pressure gauges	Digital	Digital	Digital
Service hoses length	2.5 m (5 m optional)	2.5 m (5 m optional)	2.5 m (5 m optional)
Display	7" color display	7" color display	4,3" color display
Compressor	1/4 HP	1/4 HP	1/4 HP
Vacuum pump	170 l/min (6 CFM)	170 l/min (6 CFM)	170 l/min (6 CFM)
Refrigerant tank capacity	19,5 kg	19,5 Kg / 21,5 kg	19,5 Kg / 21,5 kg
New oil bottles	2 x 250 ml (hermetically sealed)	2 x 250 ml (hermetically sealed)	2 x 250 ml (hermetically sealed Option)
Waste oil bottles	1 x 250 ml	1 x 250 ml	1 x 250 ml
Uv dye bottle	1 x 250 ml (hermetically sealed)	1 x 250 ml (hermetically sealed)	1 x 250 ml (hermetically sealed Option)
Dimensions in cm	105 x 75 x 77	105 x 75 x 77	105 x 75 x 77
Weight	112 kg	112 kg	112 kg
Power Supply	230 V 50/60 Hz	230 V 50/60 Hz	230 V 50/60 Hz
<b>Accessories</b>			
Vehicle databse	Yes	Yes	Yes
Programmable user database	Yes	Yes	Yes
A/C system performance test	Yes	Yes	Yes
Vehicle flushing adapters set	Optional kit	Optional kit	Optional kit
USB connection	Yes	Yes	Yes
Wireless connection	Yes	Yes	Optional
Mobile app connection	Yes	Yes	Optional



## AC1234-8, AC1234-7 and A1x34-7

### Fully automatic air conditioning service units

AC1234-8 and AC1234-7 are service units which perform maintenance of A/C systems with R1234yf refrigerant. The AC1X34-7 model offers all of the functions required for the professional maintenance of R134a-based vehicle air conditioning systems and can be easily converted into a fully automatic R1234yf 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:

- › 15 gram precision level of charge and recovery function
- › 99 % refrigerant recovery performance
- › Electronic scale system and 3 bottles with piston injection independent circuits
- › Innovative graphic interface with colour display and the wide High and Low pressure gauges
- › Refrigerant identifier in AC1234-8 station (optional for AC1234-7).
- › Models are provided with SD Card slot, USB ports, as well as a printer

**AC1234-8** (SP01000009): Fully automatic AC unit R1234yf with Refrigerant Identifier

**AC1234-8/UK** (SP01000030): Fully automatic AC unit R1234yf with Refrigerant Identifier (UK plug)

**AC1234-8 DM** (SP00000105): Fully automatic AC unit R1234yf with Refrigerant Identifier Approved Mercedes

**AC1234-8 BFK** (SP00000103): Fully automatic AC unit R1234yf with Refrigerant Identifier and Flushing kit

**AC1234-7** (SP01000005): Fully automatic AC unit R1234yf

**AC1234-7/UK** (SP01000008): Fully automatic AC unit R1234yf (UK plug)

**AC1X34-7** (SP01000015) : Fully automatic AC unit R134a with Printer (Convertible)

**AC1X34-7/UK** (SP01000032): Fully automatic AC unit R134a with Printer (Convertible) (UK plug)



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



## AC1234-3 and AC1x34-3

### Fully automatic air conditioning service unit

Robinair AC1234-3 is the new standard for service unit which perform maintenance of A/C systems with R1234yf 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 R1234yf 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 R1234yf 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 with A/C system original specification



**AC1234-3** (SP01000001): Fully automatic AC unit R1234yf

**AC1234-3P** (SP01000002): Fully automatic AC unit R1234yf with Printer

**AC1234-3P/UK** (SP01000031): Fully automatic AC unit R1234yf with Printer (UK plug)

**AC1x34-3** (SP01000013): Fully automatic AC unit R134a (Convertible)

**AC1x34-3P** (SP01000014): Fully automatic AC unit R134a with Printer (Convertible)

**AC1x34-3P/UK** (SP01000033): Fully automatic AC unit R134a with Printer (Convertible) (UK plug)

**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 R1234yf 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 R1234yf 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:

- › Fully automatic service process
- › Single service process selectable
- › Hybrid/electrical systems compatibility
- › Separate OIL/UV dye injection bottles
- › 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

**AC690PROyf** (SP00000079): Fully automatic AC unit for R1234yf

**AC690PROyf-UK** (SP00000087): Fully automatic AC unit for R1234yf (UK Plug)



The  
diagnostics  
solution for  
R1234yf





## Technical data, primary functions

	AC1234-8	AC1234-7 / AC1X34-7	AC1234-3P / AC1X34-3P	AC690PROyf
Refrigerant Type	R1234yf	R1234yf or R134a	R1234yf or R134a	R1234yf
Operating mode	Full automatic	Full automatic	Full automatic	Full automatic
<b>Functions</b>				
Refrigerant recovery	Automatic	Automatic	Automatic	Automatic
Recovery performance	> 99 %	99 %	> 95%	> 95%
Refrigerant identifier	Yes	Optional	Optional	Optional
Waste oil recovery	Automatic with electronic scale	Automatic with electronic scale	Automatic	Automatic
Vacuum	Automatic	Automatic	Automatic	Automatic
Vacuum leak test	Automatic	Automatic	Automatic	Automatic
Pressure leak test (pre-charge)	Yes	AC1234-7	AC1234-3P	Yes
Pressure leak test (N2 / N2H2)	No	No	No	No
Hybrid A/C system ready	Yes	Yes	Hoses flushing	Yes
Oil injection	PAG / POE Automatic with electronic scale	PAG / POE Automatic with electronic scale	Automatic	PAG / POE Automatic
UV dye injection	Automatic with electronic scale	Automatic with electronic scale	No	Automatic
Refrigerant recharge	Automatic with electronic scale	Automatic with electronic scale	Automatic with electronic scale	Automatic with electronic scale
Flushing function	Optional	Optional	Optional	Optional
Embedded printer	Yes	Yes	Yes	Yes
Air purge system	Electronically controlled	Electronically controlled	Automatic	Electronically controlled
<b>Technical specification</b>				
HP & LP panel valves	Valveless	Valveless	2	2
HP & LP pressure gauges	100 mm pulse-free	100 mm pulse-free	63 mm pulse-free	63 mm pulse-free
Tank pressure gauges	Digital	Digital	No	Digital
Service hoses length	2.5 m	2.5 m	2.5 m	2.5 m
Display	5,7" TFT color 1/4 VGA	5,7" TFT color 1/4 VGA	160 x 120 monocromatic	160 x 120 monocromatic
Compressor	3/8 HP	3/8 HP	1/4 HP	1/4 HP
Vacuum pump	170 l/min (6 CFM)	170 l/min (6 CFM)	71 l/min (3 CFM)	170 l/min (6 CFM)
Refrigerant tank capacity	9,9 kg	9,9 kg	8 kg	23 kg
New oil bottles	2 x 250 ml (hermetically sealed)	2 x 250 ml (hermetically sealed)	1 x 250 ml	2 x 250 ml
Waste oil bottles	1 x 250 ml	1 x 250 ml	1 x 250 ml	1 x 250 ml
Uv dye bottle	1 x 250 ml (hermetically sealed)	1 x 250 ml (hermetically sealed)	No	1 x 250 ml
Dimensions in cm	107 x 61 x 76	107 x 61 x 76	107 x 61 x 76	128 x 69 x 69
Weight	107 kg	107 kg	107 kg	110 kg
Power Supply	230 V 50/60 Hz	230 V 50/60 Hz	230 V 50/60 Hz	230 V 50/60 Hz
<b>Accessories</b>				
Vehicle databse	Yes	Yes	Yes	Yes
Programmable user database	Yes	Yes	No	No
A/C system performance test	No	No	No	No
Vehicle flushing adapters set	Optional kit	Optional kit	Optional kit	Optional kit
USB connection	Yes	Yes	Yes	Yes
Wireless connection	Optional	Optional	No	No

## AC695PRO, AC690PRO and AC595PRO

### Fully automatic air conditioning service units

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 R134a-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. 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** (SP00000041): Fully automatic AC unit R134a

**AC690PRO** (SP00000023): Fully automatic AC unit R134a

**AC690PRO-UK** (SP00000038): Fully automatic AC unit R134a (UK Plug)

**AC690PRO-110/60** (SP00000025): Fully automatic AC unit R134a (110 V-60 Hz)

**AC595PRO** (SP00000016): Fully automatic AC unit R134a

**AC595PRO-UK** (SP00000022): Fully automatic AC unit R134a (UK Plug)



**First-class  
equipment  
for cars and  
commercial  
vehicles**



## AC590PRO

### Automatic air conditioning service unit

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 R134a-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
- › 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 (Optional)

**AC590PRO** (SP00000006): Automatic AC unit R134a

**AC590PRO-110/60** (SP00000007): Automatic AC unit R134a (110 V-60 Hz)



**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, R134a-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 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 (40 l)
- › 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

**AC790PRO** (SP000000051): Automatic AC unit R134a

**AC790PRO-UK** (SP000000059): Automatic AC unit R134a (UK Plug)

**AC790PRO-110/60** (SP000000052): Automatic AC unit R134a (110 V-60 Hz)



The specialist  
for large air  
conditioning  
systems

## ACM3000-ROBDB and ACM3000yf-ROB

### Automatic air conditioning service unit

The ACM3000-ROB and ACM3000yf are our starter models for air conditioning specialists. They offer all the basic functions and necessary performance for the professional working with R134a and R1234yf based air conditioning systems. The units carry 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
- › Automatic purge of non condensable gas
- › Easy internal filter maintenance
- › Accessible vacuum pump for easy oil change
- › Printer (optional)

**ACM3000-ROBDB** (SP01000023): Automatic AC unit R134a

**ACM3000-ROBUK** (SP01000024): Automatic AC unit R134a (UK Plug)

**ACM3000yf-ROB** (SP01000037): Automatic AC unit R1234yf

**ACM3000yf-PROB** (SP01000038): Automatic AC unit R1234yf with printer

**ACM3000yf-ROBUK** (SP01000040): Automatic AC unit R1234yf (UK plug)



**Automatic AC  
unit with the  
fastest return  
of investment**



## Technical data, primary functions

	AC695PRO	AC690PRO	AC595PRO
Refrigerant Type	R134a	R134a	R134a
Operating mode	Full automatic	Full automatic	Full automatic
<b>Functions</b>			
Refrigerant recovery	Automatic	Automatic	Automatic
Recovery performance	> 95%	> 95%	> 95%
Refrigerant identifier	No	No	No
Waste oil recovery	Automatic with electronic scale	Automatic with electronic scale	Automatic with electronic scale
Vacuum	Automatic	Automatic	Automatic
Vacuum leak test	Automatic	Automatic	Automatic
Pressure leak test (pre-charge)	No	No	No
Pressure leak test (N2 / N2H2)	No	No	No
Hybrid A/C system ready	Yes	No	No
Oil injection	PAG / POE Automatic with electronic scale	Automatic with electronic scale	Automatic with electronic scale
UV dye injection	Automatic	Automatic	Automatic
Refrigerant recharge	Automatic with electronic scale	Automatic with electronic scale	Automatic with electronic scale
Flushing function	Yes (via optional kit)	Yes (via optional kit)	Yes (via optional kit)
Embedded printer	Yes	Yes	Yes
Air purge system	Automatic	Automatic	Automatic
<b>Technical specification</b>			
HP & LP panel valves	Valveless	2	2
HP & LP pressure gauges	80 mm pulse-free Class 1	80 mm pulse-free Class 1	80 mm pulse-free Class 1
Tank pressure gauges	40 mm	40 mm	40 mm
Service hoses length	2.5 m (2.5m and 5m extensions optional)	2.5 m (2.5m and 5m extensions optional)	2.5 m (2.5m and 5m extensions optional)
Display	Backlit LCD	Backlit LCD	Backlit LCD
Compressor	3/8 HP	3/8 HP	1/4 HP
Vacuum pump	170 l/min (6 CFM)	170 l/min (6 CFM)	71 l/min (3 CFM)
Refrigerant tank capacity	20 kg	20 kg	8 kg
New oil bottles	2 x 250 ml	1 x 250 ml	1 x 250 ml
Waste oil bottles	1 x 250 ml	1 x 250 ml	1 x 250 ml
Uv dye bottle	1 x 50 ml	1 x 50 ml	1 x 50 ml
Dimensions in cm	128 x 69 x 69	128 x 69 x 69	128 x 69 x 69
Weight	110 kg	110 kg	100 kg
Power Supply	230 V 50/60 Hz	230 V 50/60 Hz	230 V 50/60 Hz
<b>Accessories</b>			
Vehicle database	Yes	Yes	Yes
Programmable user database	Yes	Yes	Yes
A/C system performance test	Option	Option	Option
Vehicle flushing adapters set	Optional kit	Optional kit	Optional kit
USB connection	No	No	No
Wireless connection	No	No	No



	AC590PRO	AC790PRO	ACM3000yf-ROB / ACM3000-ROBDB
Refrigerant Type	R134a	R134a	R1234yf / R134a
Operating mode	Automatic	Automatic	Automatic
<b>Functions</b>			
Refrigerant recovery	Automatic	Automatic	Automatic
Recovery performance	> 95%	> 95%	> 95%
Refrigerant identifier	No	No	No
Waste oil recovery	Automatic	Automatic	Automatic
Vacuum	Automatic	Automatic	Automatic
Vacuum leak test	Automatic	Automatic	Automatic
Pressure leak test (pre-charge)	No	No	No
Pressure leak test (N2 / N2H2)	No	No	No
Hybrid A/C system ready	No	No	No
Oil injection	Manual (via Keypad)	Manual (via Keypad)	Manual (via Keypad)
UV dye injection	No	No	No
Refrigerant recharge	Automatic with electronic scale	Automatic with electronic scale and Charge pump	Automatic with electronic scale
Flushing function	Yes (via optional kit)	Yes (via optional kit)	No
Embedded printer	Optional	Yes	ACM3000yf-PROB
Air purge system	Automatic	Automatic	Automatic
<b>Technical specification</b>			
HP & LP panel valves	2	2	2
HP & LP pressure gauges	80 mm pulse-free Class 1	80 mm pulse-free Class 1	80 mm pulse-free Class 1
Tank pressure gauges	40 mm	40 mm	40 mm (ACM3000-ROBDB)
Service hoses length	2.5 m (2.5m and 5m extensions optional)	2.5 m (2.5m extensions optional)	2.5 m
Display	Backlit LCD	Backlit LCD	Backlit LCD
Compressor	3/8 HP	1/2 HP	1/4 HP
Vacuum pump	170 l/min (6 CFM)	283 l/min (10 CFM)	71 l/min (3 CFM)
Refrigerant tank capacity	20 kg	35 kg (40 l)	8 kg
New oil bottles	1 x 250 ml	1 x 2000 ml	1 x 250 ml
Waste oil bottles	1 x 250 ml	1 x 2000 ml	1 x 250 ml
Uv dye bottle	No	No	No
Dimensions in cm	128 x 69 x 69	128 x 69 x 69	55x52x95
Weight	110 kg	120 kg	60 kg
Power Supply	230 V 50/60 Hz	230 V 50 Hz	230 V 50/60 Hz
<b>Accessories</b>			
Vehicle database	Yes	Yes	Yes
Programmable user database	Yes	Yes	No
A/C system performance test	Option	Option	No
Vehicle flushing adapters set	Optional kit	Optional kit	No
USB connection	No	No	No
Wireless connection	No	No	No



## Robinair AC Accessories program

### ELECTRONIC TEST INSTRUMENTS

- › Refrigerant Identifier
- › Digital thermometers

### FLUSHING KITS

### LEAK DETECTION

- › Electronic leak detectors
- › Nitrogen kits
- › UV Dye leak detection

### ACS ACCESSORIES

- › Special adapters and hoses
- › Oil / Lubricants
- › Filter dryers
- › Softwares and printers
- › Other accessories



## Refrigerant identifier

**16009** (SP00101054)

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



16009



## Tecnoclim PRO PLUS2

### RA007-PLUS2 (SP0F210042)

Self powered R134 and R1234yf 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



RA007-PLUS2

#### General features

Power supply	Internal battery (autonomy 6 to 8 h) or using vehicle's battery (from 9 to 38 V)
Display	Color back-lit graphical display (240 x 320)
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

Voltage measurement/simulation	Range 0 – 5 V. Reading/simulation resolution: 0,01 V. Accuracy: 0,1 %
Frequency and RCA measurement/simulation	Frequency range from 10 to 500 Hz (resolution 1 Hz) RCO range from 5 to 95 % (resolution 1 %)
Temperatures	THR sensor : from –10 °C to +50 °C TK sensor: from –30 °C to 120 °C
Hygrometry	THR sensor: from 5 to 95 %
High pressure	Range : from 0 to + 31 bar (resolution 100 mbar)
Low pressure	Range : from 0 to + 8 bar (resolution 10 mbar)

## Refrigerant analyser

### 1234-IDV (SP00101103)

The mobile air conditioning industry is in transition. New A/C systems containing R1234yf are already on the road. R134a 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



1234-IDV

### Technical features

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



## IR thermometer pro

### TIF7620 (SP0F210159)

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:  $-60^{\circ}\text{C}$  to  $+760^{\circ}\text{C}$
- › Accuracy ( $15^{\circ}\text{C}$  to  $35^{\circ}\text{C}$ ):  $1^{\circ}\text{C}$
- › 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:  $-64^{\circ}\text{C}$  to  $+1400^{\circ}\text{C}$



TIF7620

## Digital thermometer 180°

### RA43230EU (SP00101824)

- › Celsius or Fahrenheit selectable option
- › Temperature range:  $-50^{\circ}\text{C}$  to  $150^{\circ}\text{C}$
- › Accuracy:  $\pm 1^{\circ}\text{C}$   
(between  $-10^{\circ}\text{C}$  and  $100^{\circ}\text{C}$ )
- › Display resolution:  $1^{\circ}\text{F}/^{\circ}\text{C}$
- › Sampling time: 1 sec.
- › Auto Power off
- › Battery: One 1,5 Volt, size LR44



RA43230EU

## Digital pocket thermometer

### RA43240 (SP01100356)

- › Celsius or Fahrenheit selectable option
- › Temperature range:  $-40^{\circ}\text{C}$  to  $200^{\circ}\text{C}$
- › Accuracy:  $\pm 1^{\circ}\text{C}$   
(between  $-10^{\circ}\text{C}$  and  $100^{\circ}\text{C}$ )
- › Display resolution:  $0,1^{\circ}\text{F}/^{\circ}\text{C}$  throughout range
- › Sampling time: 1 sec.
- › Auto Power off
- › Battery: One 1,5 Volt, size LR44



RA43240

## Robinair AC 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** (SP00101174): Universal flushing kit for R134a ACS service units, it contains flushing tank, filter dryer, sight glass, two service hoses SAE J2196.

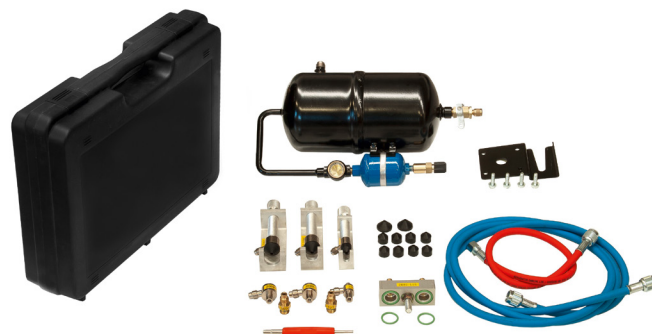
Composition:

- › **ACT550** (SP00101173): Installation kit
- › **ACT2502-104** (SP00100734): Starter adapters kit

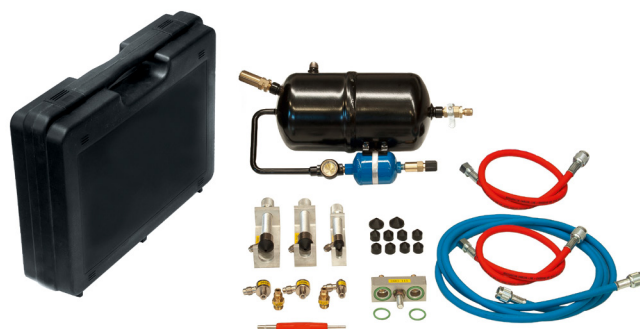
**ACT1234-SFK** (SP00101176): Flushing kit for AC1234-x, AC1234-xi, AC1x34-x, AC1x34-xi, AC690PROyf, it contains flushing tank, filter dryer, sight glass, two service hoses SAE J2196 and J2888.

Composition:

- › **ACT1234** (SP00101175): Installation kit
- › **ACT2502-104** (SP00100734): Starter adapters kit



ACT550-SFK



ACT1234-SFK

### Special adapters (optional)

**ACT1800-460** (SP00101283): By-pass filter dryer (VW group)

**ACT2602-273** (SP00101284): TXV valve bridge (VW group)

**ACT2600-185** (SP00101282): Large cone for universal adapter

**ACT2602-274** (SP00101285): TXV valve bridge S class (Mercedes)

**ACT2602-275** (SP00101286): TXV valve bridge C class (Mercedes)

## R134a and R1234yf refrigerant leak detector

The Robinair LD7 Premium Refrigerant Leak Detector features a new color graphic display that highlights leak sizes in two unique ways. Bar graph mode shows the amount of refrigerant detected in the air and changes colors as the sensor gets closer to the leak. Sweep mode allows the user to see the level of refrigerant detected in the air through a line graph that helps the user trace back and forth to pinpoint the exact source of the leak. The LD7 also uses an audible alarm to alert technicians of a refrigerant leak, UV LED lights to locate leaks using UV dye and an inspection light for searching in dark locations. The LD7 is compatible with most commonly used refrigerants today, including R-134a and 1234yf, and is equipped with a stable, long life sensor that will last up to 10 years. The LD7 meets all of the current industry leak detector standards..

### LD7 (SP00101941)

R134a and R1234yf Electronic Leak detector

- › Color display with graphics and visual alerts
- › Bar and Pinpoint graphing modes help locate leaks faster
- › Loud audible alert with mute option
- › UV and Clear LED inspection lights
- › Automatic and manual calibration

### LD5 (SP00101942)

R134a and R1234yf Electronic Leak detector

- › Color display with graphics and visual alerts
- › Bar graph mode helps locate leaks faster
- › Loud audible alert
- › LED inspection lights
- › Automatic and manual calibration

### LD3 (SP00101943)

R134a and R1234yf Electronic Leak detector

- › Loud audible alert
- › Automatic calibration



LD7  
LD5



LD3



## Heated pentode refrigerant leak detector

### TIFZX-E (SP00100899)

Ergonomic hand held equipment based on heated Pentode technology (Patented) for R12, R22, R134a 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



TIFZX-E

## Refrigerant leak detector

### TIFRX-1A (SP0F210165)

- › 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 (SP00100126)

- › 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



TIFRX-1A

TIFXP-1A

## Leak detection kit with N<sub>2</sub>H<sub>2</sub> tracer gas

### FLG800

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.

**FLG800\*** (SP0F210038): N<sub>2</sub>H<sub>2</sub> Leak detector Kit

**FLG200** (SP0F210023): Hydrogen leak Detector



FLG800



FLG200

Leak detector	H <sub>2</sub> Gas tracer
Sensitivity	< 5 ppm
Sensor life	> 300 hours
Response time	Instantaneous
Power supply	4AA Alkaline batteries
Battery life	8 hours continuous
Warm up time	< 20 seconds
Probe length	43 cm
Weight	0,68 kg
Warranty	2 years

Professional Kit	FLG800 (SP0F210038)
› Case › Leak Detector › Gas Tank 2 l › Low and high side connectors › Hoses › Pressure Regulator › 3 Pressure gauges	
Leak detector	FLG200 (SP0F210023)
N <sub>2</sub> H <sub>2</sub> Tank refill	ACTN2H2* (SP00101102)
R-1234yf kit for FLG800	ACT100YF (SP01100343)

\* Country Restriction on delivery



## Nitrogen kits

This equipment is used for pressurising the A/C system with a neutral nitrogen and tracer gas. 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.

### **RA504075** (SP01100360)

- › N2 kit for R134a system
- › 0 – 38 bar pressure regulator with manometers
- › 2,5 mt service hose with R-134a quick coupler

### **RA504076** (SP00101196)

- › N2H2 kit for R134a system
- › 0 – 10 bar pressure regulator with manometers
- › 2,5 mt Service hose with R-134a quick coupler

### **ACT50yf** (SP00101589)

- › R1234yf adapter for RA504075 and RA504076

### **ACT1234-NIK** (SP00101952):

- › N2H2 Installation kit for ACxxxx-5i series

### **ACT1234-NXK** (SP00101740)

- › N2 / N2H2 kit for new generation ACxxxx-xi unit



RA504075  
RA504076



ACT50yf



ACT1234-NXK

## UV leak detection kit

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.

### RA16352EU (SP0F210067)

- › 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



RA16352EU

471547

## UV dye injection kit

### RA16355 (SP0F210068)

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



RA16355

## Universal UV dye cartridges

- › Universal dye for R12, R134a and R1234yf
- › This type of packaging prevents fumbling or messy spills
- › Use with the Robinair injection kit RA16355, RA16352EU, RA16380EU.

**RA16356** (SP0F210069): each for 20 applications, 4x 30 ml

**RA16357** (SP0F210070): each for 6 applications, 6x 7,5 ml



RA16356



RA16357

## UV Dye Cleaner

**16212** (SP00101588)

UV Dye Cleaner 237 ml



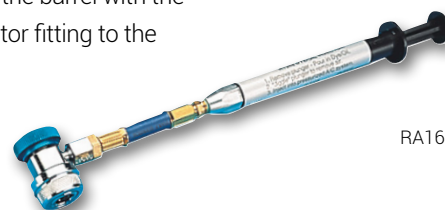
16212

## Oil/UV injector

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.

### RA16256 (SP01100348)

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



RA16256

### SP00101018

Twister Oil/UV Injector for 134a System



SP00101018

### SP00101465

R1234yf adapter for Twister Oil/UV Injector SP00101018

## Universal UV dye

### RA16286B (1692600144)

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



RA16286B

### RA16276 (SP01100349)

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. (12x 7,5 ml)



RA16276

## 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 (SP00100745): 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.



ACT845

### RA16296 (SP0F210066): Halogen UV leak detection lamp

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



RA16296

### RA16294EU (SP00101332)

Alubrite UV LED lamp with 1W UV LED.

Powered by 3x AA batteries, switch on the end of the lamp, incl. strap and UV glasses



RA16294EU

### RA16257 (SP0F210062): UV Goggles

## Quick couplers for automotive

Service couplers connect to our special service hoses allowing access to service ports on automotive R134a and R1234yf 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** (SP00100082): Low side R134a quick couple – SAE specification

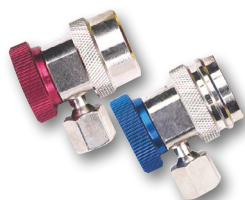
**RA18191A** (SP00100083): High side R134a quick couple – SAE specification

**561666** (SP01100506): Low side R1234yf quick couple – German OE specification

**561665** (SP01100507): High side R1234yf quick couple – German OE specification

**563678** (SP01100525): Low side R1234yf quick couple – SAE specification

**563677** (SP01100524): High side R1234yf quick couple – SAE specification



RA18191A  
RA18190A



561665  
561666



563677  
563678

## Special service port adapters

**ACT6002** (1692600141): HP service port adapter – HP extension service port

**ACT6003** (SP00100741): HP LP adapter (Renault) – Service port converter

**ACT6005** (SP0F210035): Audi adapter (old models)

**ACT6006** (SP0F210036): Volvo adapter (old models)

**ACT100731** (SP00100733): R12 adapter

**ACT12686** (SP00101344): HP Service Port Adapter - HP Extension Service Port R134a

**ACT12688** (SP00101825): LP Service Port Adapter - LP Extension Service Port R1234yf

**ACT12689** (SP00101826): LP Service Port Adapter - LP Extension Service Port R134a

**SP00101700**: HP Service Port Adapter - HP Extension Service Port R1234yf

**RA6050KIT** (SP00101408): Bus and Heavy Duty kit

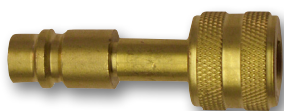
**RA-SVOM-18** (SP00101838): Solenoid Valve Operating Magnets



ACT6002  
ACT6003



RA6050KIT



ACT100731



ACT6005



ACT12686  
SP00101700



ACT6006



RA-SVOM-18



ACT12689

## 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

**5604052** (SP00100086): Vacuum pump oil: 1 bottle 600 ml

**5604052PACK** (SP00100088): Vacuum pump oil: 12 bottles 600 ml

## Oil bottles

**PAGRF46** (SP00101036): PAG 46 oil bottle – 250 ml

**PAGRF100** (SP00101034): PAG 100 oil bottle – 250 ml

**PAGRF150** (SP00101035): PAG 150 oil bottle – 250 ml

**POERFOIL** (SP00101586): POE Oil Bottle for R134a Electrical and Hybrid systems - 250 ml

**PAGRF46yf** (SP00101422): PAG 46 oil bottle for R1234yf - 250 ml

**POERFOILyf** (SP00101827): POE Oil Bottle for R1234yf Electrical and Hybrid systems - 250ml

**PAGRFSD** (SP00101828): PAG Oil Bottle for R134a and R1234yf Electrical and Hybrid systems with SANDEN SPA2 - 250ml



PAGRF46

## Filter dryer

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

**5117399** (SP00100001): Filter dryer: AC590PRO, AC690PRO, AC790PRO service units

**SP00101192** (SP00101192): Filter dryer: ACM3000, AC595PRO, AC690PROyf, AC595PROyf service units

**34724** (SP01100355): Filter dryer: AC1234 service units

**5117524** (SP00100146): Filter Dryer: Flushing kit



5117399



5117486

34724



## AC database

**AC3139** (SP00101830): 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 – 2018.

**AC3140** (SP00101831): A/C database update  
Smart Cartridge to update new vehicles A/C database installed in all Robinair units:  
AC690PRO, AC595PRO, AC590PRO, ACM3000 models.

**AC3140yf** (SP00101995): A/C database update  
Smart Cartridge to update new vehicle A/C database installed in ACM3000yf units

**AC3239** (SP00101833): Complete A/C database for AC1x34-3 series (R134a)

**AC3239yf** (SP00101834): Complete A/C database for AC1234-3 and AC690PROyf (R1234yf)



AC31xx

## PC Program

**ACUSB-ROB** (SP00100746): A/C data manager. Refrigerant management program for  
AC590PRO, AC595PRO, AC690PRO, AC790PRO, ACM3000-ROB.

## WiFi Connection

**SP00101352** – WiFi Connection kit for AC1234 series and AC788PRO

**SP00101379** – WiFi Connection kit for AC1234-xi series

## Printers

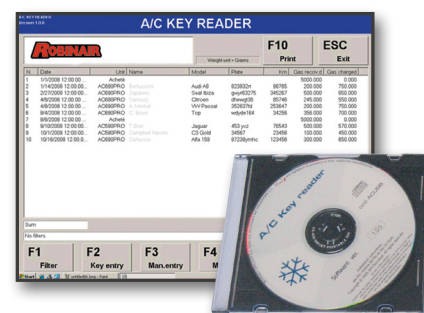
**SP00101306** – Printer For AC1X34-3 service unit. Easy to install

**650-STP** (SP00100728): Printer for AC590PRO. Easy to install

**3000-STP** (SP00100419): Printer for all ACM3000. Easy to install

**5607069** (SP00100087): Printer paper. One roll printer paper for all Robinair service units

**ACT1234-PIK** (SP00101953): Printer Installation kit for ACxxxx-5i series



ACUSB-ROB



650-STP

## Refrigerant Identifier kit for AC1234-xi generation

**ACT1234-RIK** (SP00101951): R1234yf Refrigerant Identifier Kit for AC1234-xi series

## Hoses extensions

**RA245VSK** (SP00100075): Hoses extension R134a 2.44 m (ACME connection)

**RA500VSK** (SP01100358): Hoses extension R134a 5 m (ACME connection)

**1234-SH5** (SP00101877): Hose extension R1234yf 5 m for AC1234-xi series

**1x34-SH5** (SP00101878): Hose extension R134a 5 m for AC1234-xi series



RA245VSK

## Dust covers

Protect your unit with a silver PVC cover.

**AC550COVER** (SP00100076): Dust cover for AC790PRO, AC695PRO, AC690PRO, AC595PRO, AC590PRO.

**ACM3000COVER** (SP01100342): Dust cover for Robinair ACM3000 units.

**SP00101300**: Dust cover for Robinair AC1234 series

**SP00101641**: Dust cover for Robinair AC1234-xi series



AC550COVER

## Safety kit

**ACT781** (SP00100744)

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.



ACT781

## Conversion kit for AC1x34 series

**1x34-7CONV** (SP01100049): R1234yf Conversion kit for AC1x34-7

**1x34-3CONV** (SP01100518): R1234yf Conversion kit for AC1x34-3

**1X34-7iCONV** (SP00101784): R1234yf Conversion kit for AC1x34-7i

## Miscellaneous

**STRPK\_134** (SP00101416): Starter Kit R134a

Kit contains: dust cover, O'Ring kit, UV Dye 240 ml, PAG oil bottle PAG 46 (250ml), UV lamp and goggle, safety kit

**STRPK\_1234yf** (SP00101409): Starter Kit R1234yf

Kit contains: O'Ring kit, UV Dye 240 ml, PAG oil bottle PAG 46 (250ml), UV lamp and goggle, safety kit

**RA161000** (SP0F210059): O'Ring kit for AC system

**RA162000** (SP00101681): Schrader Valves Kit



STRPK\_1234yf

# NOTES



# NOTES



**For further information on Robinair products please visit  
[www.robinair.com](http://www.robinair.com) or contact your local wholesaler.**

