



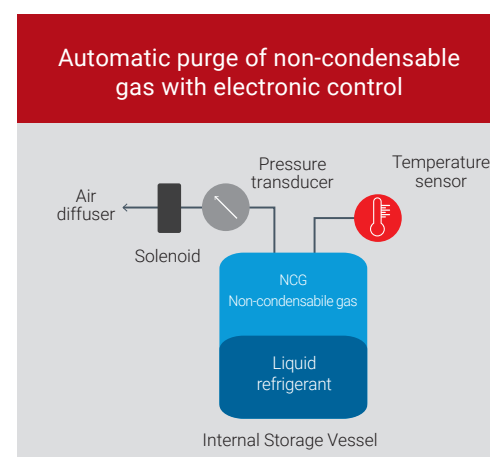
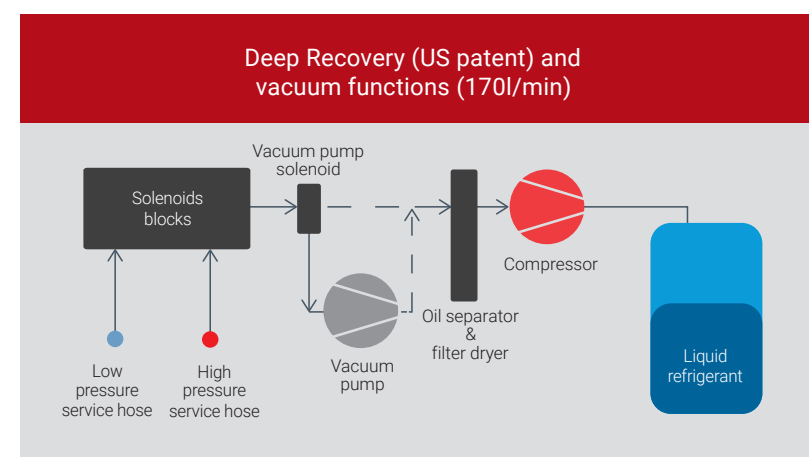
Robinair - your partner today and in future

Since 1956, Robinair has been the global leader in tools, equipment and accessories for automotive air conditioning (A/C) refrigerant recovery, recycling and recharging.

We are now introducing an innovative new product range.



For further information on Robinair products, please contact your local wholesaler or visit www.robinair.com



The new ACS units range for R134a and R1234yf systems:
High quality service equipment for efficient air conditioning
service and maintenance

With its new ACS units range, Robinair makes the maintenance operations of the AC R134a and R1234yf systems easier and more efficient. These ACS units integrate all maintenance functions, whether routine or extraordinary. All functions are easily controlled and managed by the operator, thanks to an innovative graphical user interface (7" wide colour display) placed on a swiveling control console and a smartphone app allowing the user to check the ACS equipment status in real time. Contextual shortcut help messages support and guide the user through the operations. Focusing on user centric workshop solutions the unit was designed based on a modular approach providing also easy access to internal components. This reduces the need for maintenance service as well as service time. The innovative and exclusive ‘Deep Recovery’ function makes refrigerant recovery fast and efficient and allows the operator to recover 99% of the refrigerant from the vehicle.

Thanks to the dual-stage vacuum pump, with the highest flow rate of the equipment market (170 l / min), you achieve faster and, most of all, deeper dehydration of the A/C system. Reliability and precision of charge (± 15 grammes) of the refrigerant is assured by an integrated system of temperature and pressure control. The danger of cross-contamination (PAG / POE) of 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.

AC1234-8i – AC1234-7i
The best in class in R1234yf
air conditioning service units

R1234yf 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.

- › Embedded refrigerant identifier (AC1234-8i)
- › 99 % recovery rate (Deep Recovery)
- › Mobile app
- › N₂H₂/N₂ leak test embedded

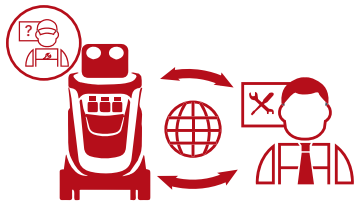
AC1234-8i, ord. no.: SP00000114
AC1234-7i, ord. no.: SP00000115



AC remote control
through mobile app



Embedded database shared
with Bosch Connected Repair
and Asanetwork wireless SW
connection



Easy access to remote service
assistance

AC1X34-7i
The new reference for R134a
air conditioning service units

R134a completely fully automatic unit meets the highest requirements for servicing air conditioning units in cars and commercial vehicles. Compatible with hybrid A/C systems meeting the SAE J2788 and European standards.

- › 99 % recovery rate (Deep Recovery)
- › Mobile app
- › N₂H₂/N₂ leak test embedded

AC1X34-7i, ord. no.: SP00000111

Technical data, primary functions

| | AC1234-8i | AC1234-7i | AC1X34-7i |
|--|--|--|--|
| Functions | | | |
| Operating mode | Fully automatic and single function | Fully automatic and single function | Fully automatic and single function |
| Refrigerant | R1234yf | R1234yf | R134a or R1234yf |
| Refrigerant recovery | Automatic | Automatic | Automatic |
| Recovery accuracy / performance | > 99 % | > 99 % | > 99 % |
| Refrigerant analysis | Embedded | Optional | Optional |
| Oil recovery | Automatic with electronic scale | Automatic with electronic scale | Automatic with electronic scale |
| Vacuum | Automatic | Automatic | Automatic |
| Leak test | Automatic | Automatic | Automatic |
| Oil injection | Automatic with electronic scale PAG / POE injection | Automatic with electronic scale PAG / POE injection | Automatic with electronic scale PAG / POE injection |
| UV dye injection | Yes, automatic | Yes, automatic | Yes, automatic |
| Refrigerant charge | Automatic with electronic scale | Automatic with electronic scale | Automatic with electronic scale. |
| Refrigerant charge accuracy | ± 15 g | ± 15 g | ± 15 g |
| Flushing function | Avalaible with optional kit | Avalaible with optional kit | Avalaible with optional kit |
| Printer | Embedded | Embedded | Embedded |
| Air purge system | Automatic, electronic control | Automatic, electronic control | Automatic, electronic control |
| A/C hybrid system compatibility | Yes | Yes | Yes |
| A/C system database | Embedded | Embedded | Embedded |
| User database | Yes | Yes | Yes |
| A/C system performance test | Yes | Yes | Yes |
| Inert gases leak detection (N ₂ H ₂ , N ₂ , Nox, ...) function | Yes | Yes | Yes |
| Wireless workshop network connection | Asanetwork Connected Repair | Asanetwork Connected Repair | Asanetwork Connected Repair |
| Remote control from mobile | Yes | Yes | Yes |
| Features | | | |
| HP & LP panel valves | None | None | None |
| HP & LP pressure gauges | Yes, pulse-free | Yes, pulse-free | Yes, pulse-free |
| Internal tank pressure gauge | Digital | Digital | Digital |
| Service hoses and couplers | 2.5 m (extension: optional) | 2.5 m (extension: optional) | 2.5 m (extension: optional) |
| Display | Colour display7" (800 x 480 pixels) Colour depth 16 M | Colour display7" (800 x 480 pixels) Colour depth 16 M | Colour display7" (800 x 480 pixels) Colour depth 16 M |
| Compressor | 1/4 HP | 1/4 HP | 1/4 HP |
| Vacuum pump | Dual stage 170 l/min | Dual stage 170 l/min | Dual stage 170 l/min |
| Refrigerant tank capacity | 16 kg (usable) | 16 kg (usable) | 16 kg (usable) |
| IN oil tank | 2 x 250 ml (Sealed bottles with piston) | 2 x 250 ml (Sealed bottles with piston) | 2 x 250 ml (Sealed bottles with piston) |
| OUT oil tank | 1 x 250 ml | 1 x 250 ml | 1 x 250 ml |
| UV tank | 1 x 250 ml (Sealed bottles) | 1 x 250 ml (Sealed bottles) | 1 x 250 ml (Sealed bottles) |
| Inert gases leak detection (N ₂ H ₂ , N ₂ , Nox, ...) kit | Optional | Optional | Optional |
| Wireless kit - dongle | Included | Included | Included |
| Environment | | | |
| Operating temperature | +10 °C / + 50 °C | +10 °C / + 50 °C | +10 °C / + 50 °C |
| Storage and transport temperature | -20 °C / + 70 °C | -20 °C / + 70 °C | -20 °C / + 70 °C |
| Power supply | 230 V 50/60 Hz | 230 V 50/60 Hz | 230 V 50/60 Hz |
| Power | < 1200 W | < 1200 W | < 1200 W |

Advantages of AC1234-8i, AC1234-7i and AC1x34-7i at a glance

› Swivelling control console ensures
optimal human interface experience

› Design-for-service for the easiest and
most effective ACS internal maintenance

› Smartphone app enables remote
communication of ACS unit at
your fingertips

› Integrated leak detection system for inert
gas (NOx, nitrogen, formiergus)

› Deep Recovery function allows full
empting of the MAC system

› Innovative oil bottle system suitable for
vehicles with combustion engines and
hybrid vehicles (PAG/POE)

› Developed based on customer experience
using ACS units, resulting in a product
with the perfect balance between
robustness and manoeuvrability



Design-for-service guarantees
quick and easy access to
internal components



Embedded and
automatic leak test with
N₂H₂/N₂

Flushing kit approved by
car manufacturers