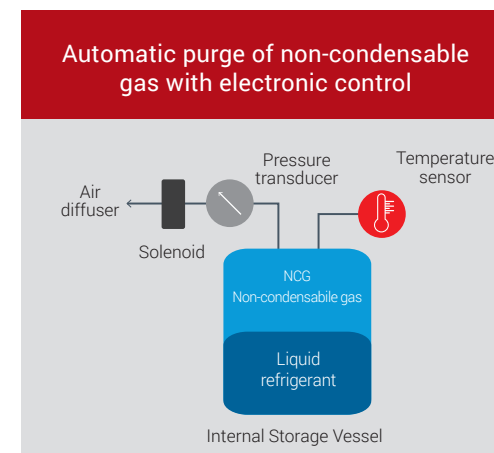
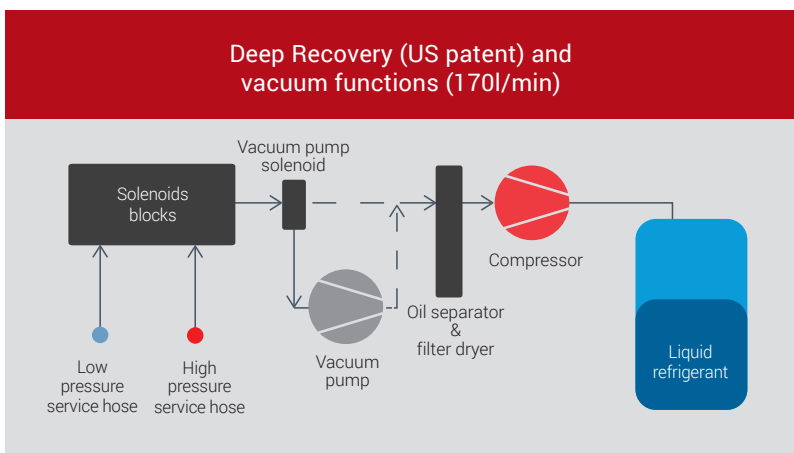




Robinair - your partner today and in future

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

EN116
Subject to change without notice.

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 swivelling 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.



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



Embedded and automatic leak test with N₂H₂/N₂

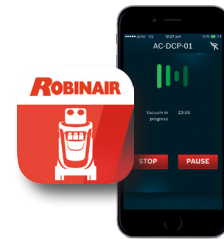
Flushing kit approved by car manufacturers

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

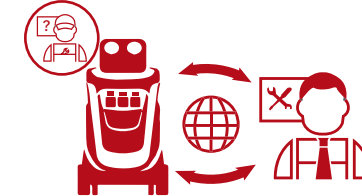
AC1234-8i, ord. no.: SP00000114
AC1234-7i, ord. no.: SP00000115



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	Available with optional kit	Available with optional kit	Available 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, formiergas)
- > Deep Recovery function allows full emptying 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