

Technical data, primary functions

Model	AC1234-8i	AC1234-7i AC1x34-7i	AC1234-5i AC1x34-5i
Refrigerant type	R1234yf	AC1234-7i: R1234yf AC1x34-7i: R134a	AC1234-5i: R1234yf AC1x34-5i: R134a
Operating mode	Fully-automatic	Fully-automatic	Fully-automatic
Functions			
Refrigerant recovery	Automatic	Automatic	Automatic
Recovery performance	> 99%	> 99%	> 99%
Refrigerant identifier	Yes	AC1234-7i: optional AC1x34-7i: no	AC1234-5i: optional AC1234-5i RI: embedded AC1x34-5i: 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)	Yes	AC1234-7i: yes AC1x34-7i: no	AC1234-5i: yes AC1x34-5i: no
Pressure leak test (N ₂ /N ₂ H ₂)	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	AC1x34-5i-P, AC1234-5i-RI, AC1234-5i-P
Air purge system	Electronically controlled	Electronically controlled	Electronically controlled
Technical specification			
HP & LP panel valves	Valveless	Valveless	Valveless
HP & LP pressure gages	100 mm pulse-free Class 1	100 mm pulse-free Class 1	100 mm pulse-free Class 1
Tank pressure gage	Digital	Digital	Digital
Service hose 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	AC1234-7i: 19.5 kg AC1x34-7i: 21.5 kg	AC1234-5i: 19.5 kg AC1x34-5i: 21.5 kg
New oil bottles	2 x 250 ml (hermetically sealed)	2 x 250 ml (hermetically sealed)	2 x 250 ml (hermetically sealed)
Waste oil bottle	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)
Dimensions (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
Accessories			
Vehicle database	Yes	Yes	Yes
Programmable user database	Yes	Yes	Yes
A/C system performance test	optional	Yes	Yes
Vehicle flushing adapter set	Optional kit	Optional kit	Optional kit
USB connection	Yes	Yes	Yes
Wireless connection	Yes	Yes	Optional
Mobile app connection	Yes	Yes	Optional

Robinair – your partner today and in the 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 A/C 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.

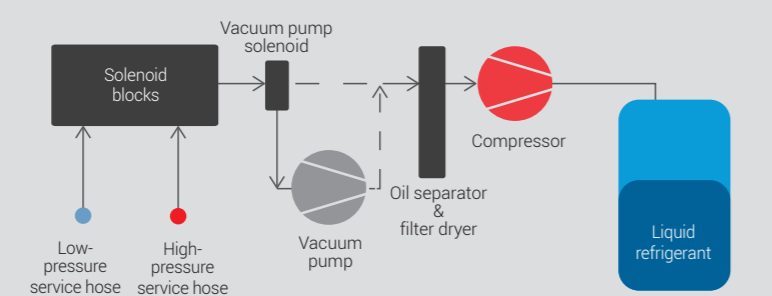


AC1234-8i
AC1234-7i
AC1x34-7i

AC1234-5i
AC1x34-5i

Product highlights

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



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

The fully-automatic service units meet the highest requirements for servicing air conditioning units in cars and commercial vehicles with R1234yf refrigerant. Compatible with hybrid A/C systems meeting German car manufacturer specifications, SAE, EGEA 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
Fully-automatic A/C unit for R1234yf with refrigerant identifier

AC1234-8i Nx | Ord. no.: SP00000126
Fully-automatic A/C unit for R1234yf with refrigerant identifier and N₂H₂/N₂ kit

AC1234-8i OE | Ord. no.: SP00000128
Fully-automatic A/C unit for R1234yf with refrigerant identifier (OE version)

AC1234-7i | Ord. no.: SP00000115
Fully-automatic A/C unit for R1234yf



AC remote control through mobile app



Bosch Connected Repair and Anasnetwork wireless SW connection



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

AC1x34-7i The best in class in R134a air conditioning service units

The fully-automatic unit meets the highest requirements for servicing air conditioning units in cars and commercial vehicles with R134a refrigerant. 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
Fully-automatic A/C unit for R134a



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

AC1234-5i The new reference for R1234yf air conditioning service units

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

- › 99% recovery rate (Deep Recovery)
- › Dual-stage vacuum pump 170 l/min
- › PAG/POE oil injection

AC1234-5i | Ord. no.: SP00000137
Fully-automatic AC unit for R1234yf

AC1234-5i P | Ord. no.: SP00000138
Fully-automatic AC unit for R1234yf with printer

AC1234-5i RI | Ord. no.: SP00000139
Fully-automatic AC unit for R1234yf with printer and refrigerant identifier



The product has been developed according to a modular design principle of use and approach with easy access to internal components for reduced A/C 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.

AC1x34-5i The new reference for R134a air conditioning service units

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

- › 99% recovery rate (Deep Recovery)
- › Dual-stage vacuum pump 170 l/min
- › PAG/POE oil injection

AC1x34-5i | Ord. no.: SP00000140
Fully-automatic AC unit for R134a

AC1x34-5i P | Ord. no.: SP00000141
Fully-automatic AC unit for R134a with printer



Air purge electronically controlled to avoid refrigerant waste and refrigerant contamination

