

Robinair AC1234-8

The first Robinair air conditioning service station to conduct maintenance and service on mobile air conditioning systems that use the new refrigerant HFO-1234yf.



Robinair AC1234-8

The next generation in air conditioning servicing



Designed with the end user in mind

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, offering all the essentials that the market dictates a unit should have. This ensures that HFO-1234yf based air conditioning systems are serviced in the most efficient and most reliable way possible, giving you peace of mind.

SAE J2843 states that Refrigerant Management Stations working on HFO-1234yf should recover at least 95% of refrigerant from the system. The Robinair AC1234 stations, thanks to its "deep recovery system", will recover 99% of refrigerant from the system.

Compatible with hybrid and electric vehicles

Independent oil (PAG and POE) and UV dye injection systems ensure that there is no cross contamination of lubricants and the unit is fully compatible with the growing

hybrid and electric vehicle market.

With electronic scales ensuring accurate and efficient recovery and injection, introducing lubricants into the A/C system has never been as easy, due to newly designed magnetic connectors, making the bottles easily accessible at all times.

Integral refrigerant identifier

Some vehicle manufacturers are making it a requirement that their dealers HFO-1234yf service station contains a refrigerant identifier. The refrigerant identifier built into the AC1234-8 unit meets the VDA specification. At a command from the machine, the identifier will receive a sample of the refrigerant from the system and analyze it, giving a pass or fail signal. If the fail signal is given, the unit will prevent itself from recovering any more refrigerant from the vehicle.

Technical support

Autoclimate offers helpdesk technical support and engineering services for all Robinair refrigerant management stations.

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Everything you would expect – and a little more



AC1234-8 features

- Compliant with CE and SAE standards – including the tough SAE J2843
- Automatic functionality – prevents error-prone manual processes
- Unique deep recovery function
- On-board refrigerant identifier – so that the wrong refrigerant is not recovered
- Electronic scales – ensuring accurate recovery and injection of refrigerant, oil and UV dye
- Oil/UV dye injection bottles are easily accessible, thanks to magnetic connections
- Large colour display, with more than 20 languages available
- Large and readable 100 mm, class 1, EN837 gauges to check A/C system pressure
- Verified by well-regarded independent testing agency TUV
- VDA approval
- Service time can be reduced by 20 minutes compared to a standard unit
- Maximum accuracy during recovery – minimising waste and refrigerant costs
- Built-in printer to aid upselling and record keeping
- Automatic vacuum leak test facility
- Automatic oil drain
- Automatic scale - controlled oil injection
- Automatic UV dye injection - time-controlled release
- Flush-prepared capability

For more information  0345 50 50 900

Robinair AC1234-8



technical

Power supply	220-240v AC, 50Hz
Weight	110kg
Dimensions	128cm x 69cm x 69cm
Vacuum pump	2 stage – 170 litres/min, 6.5 cfm
Refrigerant tank	10kg
Oil storage	2x250ml bottles for oil drain and charge + spare bottle
High performance dry filter	700cc
Hermetic compressor	1/3hp
Hoses	2.5m standard

purchasing

Standard Pack	AC1234-8, gloves, goggles
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