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The number of cars with the EU-compliant air conditioning refrigerant R-1234yf will rapidly increase in the UK aftermarket and dealers need to be prepared



What's New?

Rapid growth in UK air conditioning

Worldwide sales of cars using the refrigerant R-1234yf have steadily increased to more than 44 million*. While the UK has seen a small decline in cars registered year-on-year, the SMMT reports that 2.5m** cars were registered in the UK in 2017, all of which will now be using R-1234yf, an increase from 1m in 2016.

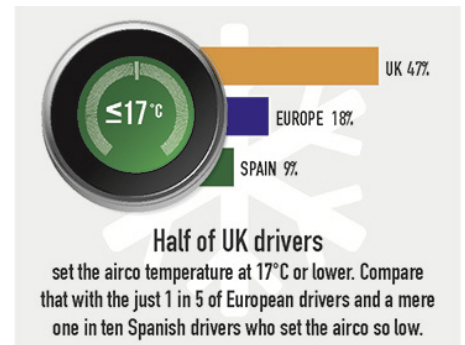
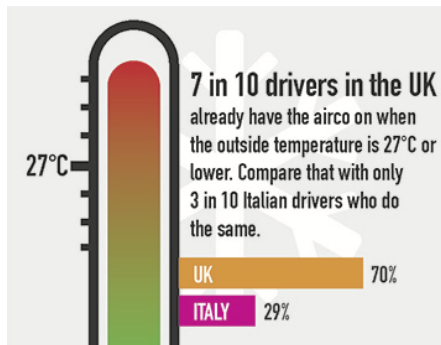
From January 2017, the European MAC Directive dictated that all new vehicles sold have to use a refrigerant gas for air conditioning systems with a global warming potential (GWP) value below 150. GWP is a measurement of the potential impact of the gas if it is released into the atmosphere. The directive aims to limit emissions of certain greenhouse gases from car air conditioning and reduce their impact on climate change.

There is currently one refrigerant, R-1234yf, on the market that meets this requirement and from January 1 2017, every single new car coming off the production line has been required to use it.

R-1234yf has undergone comprehensive testing, involving 15 international car manufacturers and 18 independent scientific institutions.

Modern car air conditioning equipment contains about 600g of refrigerant. All 2.54m registered in 2017 alone will be using R-1234yf refrigerant and over the longer term, each will require refills during the automotive cycle.

While many older vehicles will still be using refrigerant R-134a in their air conditioning, the aftermarket needs to be ready for the increase in demand for R-1234yf.



Climalife is a key player in the distribution of refrigerants and other climate control products, with a nationwide distribution network and product knowledge that's second to none. Climalife has R-1234yf readily available in 5kg or 11kg cylinders and continues to supply R134a. With the need for R-134a and R-1234yf, it's important that the aftermarket has both products in stock and the right equipment to handle them.

Source: * Honeywell <https://www.1234facts.com/22/2/18> ** SMMT vehicle data Dec 2017

Call Climalife's friendly sales team today on 0117 980 2520