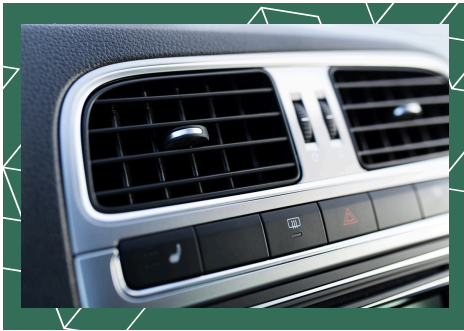


R456A

National R456A is a new lower GWP (global warming potential) alternative to R134a in automotive aftermarket.

National R456A has almost the same capacity and efficiency vs R134a while having only half the GWP.

With a potential 50% quota reduction from January 1st 2027 (vs 2026) – R134a will have reduced availability and is already experiencing significant price increases.



National R456A could be the solution to this problem. With a GWP of 687 vs 1,430 (R134a) manufacturer's can make more than twice the amount of refrigerant using the same quota.

Fully compatible with existing R134a systems and equipment with no seal replacement or oil change required.

	R134a	R456A
Composition	R134a	R32 6% R134a 45% R1234ze(E) 49%
Capacity %	100	101.2
GWP (AR5)	1,430	687
COP (%)	100	99.6
ASHRAE class	A1	A1
Glide (K)	0.0	2.7



National Refrigerants LTD
4 Watling Close, Hinckley, Leicestershire LE10 3EZ

Tel: 01455 630 790

Email: info@nationalref.com

Website: www.nationalref.com

NATIONAL

Our Solutions



R1234yf

A very low Global Warming Potential refrigerant, became mandatory in many cars manufactured from 2017 onwards, with some vehicles adopting it as early as 2011.



R134a

Used in older cars manufactured circa 1996–2017, R134a has a relatively high Global Warming Potential and is not considered a long-term sustainable option.



R456A

A newer, lower Global Warming Potential alternative to R134a that is more environmentally friendly and more sustainable in the long term.

National Refrigerants LTD
4 Watling Close, Hinckley, Leicestershire LE10 3EZ

Tel: 01455 630 790

Email: info@nationalref.com

Website: www.nationalref.com

The logo for National Refrigerants LTD, featuring the word 'NATIONAL' in a bold, italicized, sans-serif font with a white underline.