

R452A

Solstice® 452A

The next generation HFO-based refrigerant.

R452A (Solstice® 452A) is a non-ozone-depleting, nonflammable, zeotropic blend designed to serve as a lower GWP alternative to R404A and R507A for low- and medium temperature applications in existing and new systems.

It is a next-generation HFO-based refrigerant blend which provides a close capacity match to R404A and similar energy efficiency.

Specification

Type	HFO
Blend	R125/R1234yf/R32
Safety class	A1
GWP (AR4)	2139
Lubricant	POE
Replacement	R404A, R507A
Ozone depleting	0
Hazard pictogram	



Available in sizes

11 kg 45 kg 710 kg

Benefits

- Lower GWP compared to R404A
- Direct replacement for R404A and R507A
- Similar discharge temperature to R404A and R507A
- Similar mass flow to R404A and R507A

Applications

- Transport refrigeration

Composition %

R125	59
R1234yf	30
R32	11

