



R407H refrigerant. Low GWP for supermarket-retrofit from R22/R404A/R507.



Introduction

R407H is a non-ODP, low GWP (1495) refrigerant with properties that make it suitable as a replacement for R404A/R507 in existing equipment. It has a safety classification of A1 – non-flammable – the characteristics similar to R404A and other replacement refrigerant for supermarket applications. Close match to R22/R404A/R507 based technologies.

Specifics/facts

R407H is an HFC blend (R134/R32/R125 –52.5%/32.5%/15%). This is a close match to R22 based technology, and a valid solution for R404A/R507 equipment. With a GWP 1495 it falls under the important maximum value of 2,500 and the service-ban (F-Gas regulation January 1, 2020). Could be adopted with EN 378 with higher charge size compared with hydrocarbons.

Product specification

Cylinder size in litres	Content in kg	Item number
12	11	120603
61	57	120604

Advantages

- A good solution for replacing R404A/R507 in for example supermarket applications
- Low GWP – under 2500 (AR4 1495, AR5 1380)
- Close performance match to R404A/R507
- Easily convertible from R22/R404A design
- Can be topped off after leaks
- Non-toxic and non-flammable
- Suitable for MT/LT refrigeration
- Miscible with POE lubricants