



# 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 R-404A/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

Cylinders size in liters	Content in kg
12	11
61	57

## Advantages of R407H

- 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

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