



R454A (Opteon™ XL40). A non-ODP, low GWP refrigerant.



Introduction

R454A (Opteon™ XL40) is a mildly flammable, lower global warming potential refrigerant designed to replace R404A in new equipment designs. R454A offers the optimal balance of properties to replace R404A in positive displacement, direct expansion low and medium temperature commercial and industrial applications. It offers improved energy performance and higher cooling capacities, making it easy and cost effective to apply in new equipment without major modifications.

Specifics/facts

R454A (Opteon XL40) is a HFO blend (R32/R1234YF). This is a close match to R22 based technology, but it is also a valid solution for R404A equipment. With a GWP 238 it allows > 1.7 kg minimum filling charge under new Codes & Standards (e.g. ISO 5149 or EN 378).

Product specification

Cylinder size	Content in kg	Item number
12	9	119767
61	45	119677

Advantages

- Cylinder valve DIN 1-LH
- Low toxicity, A2L classification
- Suitable for new supermarket applications
- Zero ozone depletion potential
- Very low global warming potential (GWP=238)
- Excellent thermodynamic properties and low energy requirements