



R290 (CARE[®] 40) Propan. Hydrocarbon suitable for AC and heatpumps.



Introduction

R290 (CARE[®] 40) Propane R290, also known as CARE[®] 40, is refrigerant grade propane, a natural, or “not in kind”, refrigerant suitable for use in a range of refrigeration and air conditioning applications. The use of R290 is increasing due to its low environmental impact and excellent thermodynamic performance. It is non-toxic with zero ODP (Ozone Depletion Potential) and very low GWP (Global Warming Potential). It is a flammable refrigerant and therefore not suitable for retrofitting existing fluorocarbon refrigerant systems.

Specifics/facts

R290 (Propane) is a refrigerant grade propane, used as an alternative to R22 and R502 in low, medium and high temperature refrigeration and air conditioning applications.

Product specification

Cylinder size in litres	Content in kg	Item number
12	5	111649
27	11	118492
79	33	112537
900	378	On request

Advantages

- R290 (Propane) is fitted with a left handed DIN 477-1 valve; an adaptor may be required
- GWP (AR4) 3, A3-classification and non-toxic refrigerant
- Solid alternative in the natural refrigerant product range
- Compressors can be charged with a variety of oils, contact the compressor manufacturer for more information
- Low charges allow for smaller heat exchanges and piping dimensions