

PRODUCT DESCRIPTION

R422D is a hydrofluorocarbon (HFC) refrigerant blend developed as a direct replacement for R22 in air conditioning and refrigeration systems. It is specifically designed for retrofit applications, allowing existing equipment to be upgraded with minimal modification and reduced downtime.

R422D provides reliable cooling performance, stable operation, and improved oil return characteristics, making it suitable for systems using mineral and alkylbenzene lubricants.

APPLICATIONS

Residential and commercial air conditioning systems
Commercial Refrigeration
Split and packaged AC units
Water Chillers
Rooftop and ducted systems
Can retrofit for R22

PACKAGING



- 11.3kg Disposable Cylinders
- 10kg Refillables
- 45kg Refillables
- 850kg Roll Drums
- 18,000kg ISO Tanks

CHEMICAL PROPERTIES

Chemical Name	1,1,1,2 Tetrafluoroethane (HFC 134) Pentafluoro ethane (HFC 125) iso-Butane (R600a)
CAS No.	811-97-2, 354-33-6, 75-28-5
REACH Registration	01-2119459374-33 (HFC 134) 01-2119485636-25 (HFC 125) 01-2119485395-27 (R600a)
ECC No	212-377-0, 206-557-8, 200-857-2
Molecular Weight	109.9 (g/mol)
Form	Liquefied Gas
Color	Clear, colorless
Odor	Slight ethereal
pH	Neutral
Boiling Point	-43.2 °C
Density	1.15 g/cm ³ at 25°C, (as liquid)
Vapor Density	3.0 (air = 1)
Vapor Pressure	11.28 bar (25 °C)
GWP	2729
ODP	Non-Ozone Depleting