

### PRODUCT DESCRIPTION

R290 is a natural hydrocarbon refrigerant (propane) known for its excellent energy efficiency and ultra-low environmental impact. It is widely used as a modern, eco-friendly alternative to traditional HFC refrigerants in both commercial and domestic refrigeration systems.

With zero ozone depletion potential (ODP = 0) and very low Global Warming Potential (GWP ≈ 3), R-290 is one of the most sustainable refrigerants available today.

### APPLICATIONS

Low, medium and high-temperature residential, commercial and industrial applications

Vending machines

Commercial refrigeration

Heat Pumps

Residential & Commercial AC

Industrial Cooling

Beverage coolers, supermarket chillers

### PACKAGING



- Disposable Cylinders (5kg)
- 5kg Refillables
- 30kg Refillables

### CHEMICAL PROPERTIES

Chemical Name	Propane (R290)
CAS No.	74-98-6
REACH Registration	01-2119486944-21
ECC No	200-827-9
Molecular Weight	44.11 (g/mol)
Form	Liquefied Gas
Color	Clear, colorless
Odor	Sweetish.
Melting Point	-185.90 °C
Boiling Point	-41.80 °C
Vapor Pressure	8.3 bar (20 °C)
Vapor Density	1.60 relative to Air (Air= 1)
Water Solubility	0.0244 g/liter
Partition coefficient	Log pow = 1.09
Critical Temperature	97 °C
GWP	3
ODP	Non-Ozone Depleting