

REFRIGERANT GAS

R410A Refrigerant



R410A Refrigerant is widely used in numerous air-conditioning applications and is highly reliable and with quality assurance.

Physical Property			Quality Index		
Molecular Weight	-	72.6	Purity	%	≥ 99.96
Boiling Point	°C	-48.5	Moisture	%	≤ 0.0009
Critical Temperature	°C	72.6	Acidity	(HCL) %	% ≤ 0.0001
Critical Pressure	Mpa	4.96	Vapor Residue	ppm	≤ 0.005
Vapour residue	%	≤0.005	Appearance	-	Clear, colourless liquid and vapor
ODP	-	0	Odour	-	Faint ethereal odour
GWP	-	2000			
Packing			Application		
Disposable Rose Cylinder 25lb/11.3kg			Refrigerant in many air-conditioning applications, applicable to all types of R410A products		



R32 Refrigerant

R32A Refrigerant has a lower global warming potential (GWP 675) and less environmental impact compared to R410A Refrigerant, which makes it more energy efficient and environmentally friendly.

Physical Property			Quality Index		
Molecular Weight	-	52.02	Purity	%	≥99.8
Boiling Point	°C	-51.7	Moisture	ppm	% ≤ 0.0009
Critical Temperature	°C	78.25	Acidity	ppm	% ≤ 0.0001
Critical Pressure	Mpa	58.1	Vapor Residue	ppm	≤ 0.005
Vapour residue	%	≤0.005	Appearance	-	Clear, colourless compressed liquefied gas
ODP	-	0	Odour	-	Slight ethereal odour
GWP	-	675			
Packing			Application		
Disposable Blue Cylinder 6.6lb/3kg			Refrigerant in many air-conditioning applications		



*R32 can be provided in both 3 kg and 9.5 kg cylinders.

R134A Refrigerant

R134A Refrigerant is a hydrofluorocarbon (HFC), a replacement for R12 Refrigerant. It has zero ozone layer depleting properties, and is very commonly used in the area of centrifugal, rotary screw, scroll and reciprocating compressors.

Physical Property			Quality Index		
Molecular Weight	-	102.03	Purity	%	≥ 99.8
Boiling Point	°C	-26.2	Moisture	ppm	≤ 10
Critical Temperature	°C	101.1	Acidity	ppm	≤ 0.1
Critical Pressure	Mpa	4.05	Vapor Residue	ppm	≤ 100
Vapour residue	ppm	≤ 100	Appearance	-	Clear, colorless liquid and vapor
ODP	-	0	Odour	-	Faint ethereal odor
GWP	-	1300			
Packing			Application		
Disposable Blue Cylinder 30lb/13.6 kg			Refrigerant in many air-conditioning applications, especially for Applied Product Systems such as chillers		

