

R410A

R410A is used in home, shopping places and supermarkets air conditioning systems.

R410A can be used for low and medium temperature as replacement product of **R22** in new commercial refrigeration systems.

R32

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R407C

R407C is a refrigerant and its chemical formula consists of **R32**, **R125** and **R134a**. **R407C** is used in many different types of refrigeration systems such as refrigeration appliances, refrigerators and air conditioners.

R407C is environmentally friendly.

R507A

R507A is a refrigerant blend used in medium and low temperature refrigeration applications. **R507A** is used in commercial and industrial refrigeration systems such as refrigerated warehouses, refrigerated transport, and cold storage facilities.

CHEMICAL - PHYSICAL PROPERTIES	
Code	R-410A
Cylinder Type	Steel Ton Cylinder (CE)
Net Weight	750 KG
Valve Type	Double Phase (Vapour + Liquid)
Mixture Percentage	R125 (%50) + R32 (%50)
Molecular Formula	CF ₃ CHF ₂ , CH ₂ F ₂
Component	Pentafluoroethane + Difluoromethane
ADR Class	2.2 (Non-flammable)
UN Code	UN3163
ODP	0
GWP	2088, 1 KG HFC R410A = 2,088 TON / CO ₂ EQ.

CHEMICAL - PHYSICAL PROPERTIES	
Code	R-32
Cylinder Type	Steel Ton Cylinder (CE)
Net Weight	650 KG
Valve Type	Double Phase (Vapour + Liquid)
Molecular Formula	CH ₂ F ₂
Component	Difluoromethane
ADR Class	2.1 (Flammable)
UN Code	UN3252
ODP	0
GWP	675, 1 KG HFC R32 = 0,675 TON / CO ₂ EQ.

CHEMICAL - PHYSICAL PROPERTIES	
Code	R-407C
Cylinder Type	Steel Ton Cylinder (CE)
Net Weight	750 KG
Valve Type	Double Phase (Vapour + Liquid)
Mixture Percentage	R134a (%52) + R125 (%25) + R32 (%23)
Molecular Formula	CH ₂ FCF ₃ , CF ₃ CHF ₂ , CH ₂ F ₂
Component	Tetrafluoroethane+Pentafluoroethane+Difluoromethane
ADR Class	2.2 (Non-flammable)
UN Code	UN3340
ODP	0
GWP	1774, 1 KG HFC R407C = 1,774 TON / CO ₂ EQ.

CHEMICAL - PHYSICAL PROPERTIES	
Code	R-507A
Cylinder Type	Steel Ton Cylinder (CE)
Net Weight	750 KG
Valve Type	Double Phase (Vapour + Liquid)
Mixture Percentage	R125 (%50) + R143a (%50)
Molecular Formula	CF ₃ CHF ₂ , CF ₃ CH ₂
Component	Pentafluoroethane + Trifluoroethane
ADR Class	2.2 (Non-flammable)
UN Code	UN3163
ODP	0
GWP	3985, 1 KG HFC R507A = 3,985 TON / CO ₂ EQ.

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Refrigerant Gas Cylinders

R134a

R134a is a **HFC**, used in automotive air conditioning and as a replacement for **R12** and **R22** in medium and high temperature refrigeration applications, such as commercial and domestic refrigeration and chillers.

CHEMICAL - PHYSICAL PROPERTIES

Code	R-134a
Cylinder Type	Steel Ton Cylinder (CE)
Net Weight	950 KG
Valve Type	Double Phase (Vapour + Liquid)
Molecular Formula	CH ₂ FCF ₃
Component	1,1,1,2- Tetrafluoroethane
ADR Class	2.2 (Non-flammable)
UN Code	UN3159
ODP	0
GWP	1430, 1 KG HFC R134a = 1,43 TON / CO ₂ EQ.

R404A

R404A is used in commercial refrigerator equipment for low and medium temperature ranges. Its properties make it deal for use in display cases, refrigerated vehicles, ice makers and other applications.

CHEMICAL - PHYSICAL PROPERTIES

Code	R-404A
Cylinder Type	Steel Ton Cylinder (CE)
Net Weight	750 KG
Valve Type	Double Phase (Vapour + Liquid)
Mixture Percentage	R125 (%44) + R143a (%52) + R134a (%4)
Molecular Formula	CF ₃ CHF ₂ , CF ₃ CH ₃ , CH ₂ FCF ₃
Component	Pentafluoroethane+Trifluoroethane+Tetrafluoroethane
ADR Class	2.2 (Non-flammable)
UN Code	UN3337
ODP	0
GWP	3922, 1 KG HFC R404A = 3,922 TON / CO ₂ EQ.



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