



>> R409A

HCFC 409A, a blend refrigerant of HCFC-22, HCFC-124 and HCFC-142b, a substitute for CFC12, used in refrigeration system.

Typical Properties:

Formula: $\text{CHClF}_2/\text{CF}_3\text{CHClF}/\text{CH}_3\text{CClF}_2$

Boiling Point (101.3KPa, ~C): -35.3

Freezing Point (~C): -

Critical Temperature (~C): 109.4

Critical Pressure (KPa): 4640.9

Liquid Density (kg/m³): 1204.6

ODP: 0

GWP: 0.29

Package and Storage:

Disposable steel cylinder 30LB/13.6kg, refillable steel cylinder 12L, 14.3L, steel cylinder 400L, 800L, 926L, ISO tank. R409A should be stored in cool, dry and ventilated place.





>> R410A

R410A, a colorless gas at room temperature, is a blend refrigerant of R32 and R125. It becomes transparent liquid under the pressure created by itself. Mainly it is a substitute of R22, used in air conditioning and refrigeration system.

Physical Properties:

Formula: $\text{CH}_2\text{F}_2/\text{CHF}_2\text{CF}_3$

Molecular Weight: 72.58

Boiling Point (101.3KPa, $^{\circ}\text{C}$): -52

Critical Temperature ($^{\circ}\text{C}$): 72.2

Critical Pressure (KPa): 4964

Liquid Density (25 $^{\circ}\text{C}$, g/cm³): 1.066

ODP: 0

GWP: 0.29

Quality Standard:

Purity, % $\geq$ 99.5

Moisture, ppm $\leq$ 10

Acidity, ppm $\leq$ 1

Vapor Residue, ppm $\leq$ 100

Appearance, Colorless

Package:

Disposable steel cylinder 25LB/11.3kg, refillable steel cylinder 12L, 14.3L, steel cylinder 926L, ISO tank.





>> R415B

Product: R415B

R415b can be used as the substitute of R134a

Quality Standard:

Purity, % $\geq$ 99.6

Moisture, ppm $\leq$ 10

Acidity, ppm $\leq$ 0.1

Vapor Residue, ppm $\leq$ 100

Appearance, Colorless

Package: Disposable steel cylinder 26.5LB/12KG, refillable steel cylinder 12L, 14.3L, steel cylinder 400L, 926L, ISO tank



>> R417A

Product: R417A**Quality Standard:**

Purity, % $\geq$ 99.8

Moisture, ppm $\leq$ 10

Acidity, ppm $\leq$ 0.1

Vapor Residue, ppm $\leq$ 100

Appearance, Colorless

Package: Disposable steel cylinder 25LB/11.3KG, refillable steel cylinder 12L, 14.3L, steel cylinder 926L, ISO tank





>> R507

HFC-507, a blend refrigerant of HFC-125 and HFC-143. Allied Signal Inc.'s patent number is AZ-50. Mainly it is a substitute of R502, used specially in low temperature re-frigerating system like showcase and freezer.

Typical Properties:

Formula: CHF₂CF₃/CH₃CF₃

Boiling Point (101.3KPa, ~C): -46.7

Freezing point (~C): --

Critical Temperature (~C): 70.9

Critical Pressure (KPa): 3792.1

Liquid Density (kg/m³): 1021.9

ODP: 0

GWP: 0.35

Package and Storage:

Disposable steel cylinder 25LB/11.3kg, refillable steel cylinder 12L,14.3L, steel cylinder 800L,926L,ISO tank

