



>> R404A

R-404A is a blend refrigerant of HFC125, HFC-134a and HFC-143. AlliedSignal Inc.'s patent number is AZ-50. It is a long life substitute of R502, harmless to Ozone. It is mainly used in low and middle central commercial air refrigeration system.

Typical Properties:

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

Boiling Point (101.3KPa, ~C): -46.1

Freezing Point (~C): --

Critical Temperature (~C): 72.4

Critical Pressure (KPa): 3688.7

Liquid Density (kg/m³): 1017.2

ODP: 0

GWP: 0.35

Package and Storage:

Disposable steel cylinder 24LB/10.9kg, refillable steel cylinder 12L,14.3L, steel cylinder 400L,800L,926L,ISO tank





>> R406A

R406A , a blend refrigerant of HCFC-22, HCFC-142band R-600a. Mainly it is a substitute of R500, R12.

Typical Properties:

Molecular weight	89.86
BP,	-32.7
Ice point	-
Critical temperature ,	116.5
Critical pressure ,Mpa	4.88
Density of saturated liquid ₃₀ ,(g/cm ³)	-
Specific heat of liquid ₃₀ ,[KJ/(Kg)]	-
Specific heat of equipressure steam(Cp), ₃₀ and 101.3kPa[KJ/(Kg.)]-	-
ODP	0.036
GWP	-

Package and Storage

Disposable steel cylinder 30LB/13.6KG; refillable steel cylinder 12L, 14.3L, steel cylinder 400L,800L,926L ISO tank





>> R407C

R-407C is a blend refrigerant of HFC32, HFC-125 and HFC-134a. It is a long life substitute of R22, harmless to Ozone. It is used in various of air conditioner, and non-centrifugal refrigeration system.

Typical Properties:

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

Boiling Point (101.3KPa, ~C): -43.6

Freezing Point (~C): --

Critical Temperature (~C): 87.3

Critical Pressure (KPa): 4820.0

Liquid Density (kg/m³): 1129.3

ODP: 0

GWP: 0.66

Package and Storage:

Disposable steel cylinder 25LB/11.3kg, refillable steel cylinder 12L,14.3L, steel cylinder 400L,926L,ISO tank





>> R408A

R408A , a blend refrigerant of R22, R125 and R143a . Mainly it is a substitute of R502.

Typical Properties:

Molecular weight	87.01
BP,	-44.4
Ice point	-
Critical temperature ,	83.8
Critical pressure ,Mpa	4.42
Density of saturated liquid ₃₀ ,(g/cm ³)	-
Specific heat of liquid ₃₀ ,[KJ/(Kg)]	0.36
Specific heat of equipressure steam(Cp), ₃₀ and 101.3kPa[KJ/(Kg)]	0.19
ODP	0.016
GWP	-
Critical density,g/cm ³	-
Vaporization heat under BP ,KJ/Kg	227.1

Package and Storage

Disposable steel cylinder 24LB/10.9kg, refillable steel cylinder 12L,14.3L, steel cylinder 400L,800L,926L,ISO tank

