



# Refrigerants

# HCFC

# TRADITIONAL

## > R408A

### Product Description

Drop in replacement for: R502

Long term replacements are:

R404A or R507

### Applications

Low Temp Refrigeration

Medium Temp Refrigeration

### Physical Properties

Chemical Name: Mixture of  
Trifluoroethane, Pentafluoroethane  
and Chlorodifluoromethane

Molecular Weight: 87.02 kg/kmol

Boiling Point at 1.013 bar: -43.5°C

Critical Temperature: 83.5°C

Critical Pressure: 4.34 mPa

Density Liquid at 25°C: 1060 kg/m<sup>3</sup>

## > R409A

### Product Description

Drop in replacement for:

CFC's R12 & R500

Long term replacements are:

R134a or SP34E

### Applications

Commercial Air-conditioning/Refrigeration

Domestic Air-conditioning/Refrigeration

### Physical Properties

Chemical Name: Mixture of  
Chlorodifluoromethane, 1-Chloro-1,  
1-difluoroethane and  
Chlorotetrofluoromethane

Molecular Weight: 97.43 kg/kmol

Boiling Point at 1.013 bar: -34.2°C

Critical Temperature: 107.0°C

Critical Pressure: 4.5 mPa

Density Liquid at 25°C: 1223 kg/m<sup>3</sup>