

# Kraftmann ◀ Refrigerant Gas R22

## ▶ Chlorodifluoromethane (Chemical Name)

### ▷ Application

R22 gas is used in majority of the air-conditioning, heating and ventilation systems of commercial facilities.

### ▷ Specification

Purity	99.90%
Moisture	10PPM max
Acidity (AS CL)	1PPM max
Evaporating residue	100PPM max

### ▷ Chemical & Physical Data

Chemical Formula:	CHClF <sub>2</sub>
Molecular Weight:	86.45
Appearance:	Clear, colorless liquid and vapor
Physical State:	Gas at ambient temperatures
Odor:	Faint ethereal odor
Specific Gravity (water = 1.0):	1.21 @ 21.1°C (70°F)
Solubility In Water (weight %):	0.3 wt% @ 25°C and 1 atmosphere
PH:	Neutral
Boiling Point:	-40.8°C (-41.40°F)
Freezing Point:	-160°C (-256°F)
Vapor Pressure:	136.1 psia @ 70°F, 311.4 psia @ 130°F
Vapor Density (air = 1.0):	3.0
Evaporation Rate:	>1
Compared To:	CCl <sub>4</sub> = 1
% Volatiles:	100