



“ Global Refrigerant Expert “

R-22 Refrigerant

CHLORODIFLUOROMETHANE
(CHCLF2)

PRODUCT DESCRIPTION AND APPLICATION

Westron® R22 is a universal single component HCFC Non Toxic, Nonflammable Refrigerant with low Ozone depletion potential, widely used in Air-conditioning and Refrigeration applications. Westron R22 Used in Residential Air conditions, Split Units, Package Air conditioners, Chillers, Commercial Air conditioning and all type of Comfort cooling systems. Also used in Transport Refrigeration, Commercial and Industrial Refrigeration and other Refrigeration applications.

Westron R22 is going through a mandatory phase out, according to the schedule set by the Montreal Protocol Inline with the international agreements on the management of Ozone-depleting chemicals use of R 22 is progressively being phased out stage by stage across the world. All the government authorities are curtailing the import of R22 to switch over to new generation Refrigerants. OEM’s and other users should consult with the Refrigerant Manufacturer for the alternative or retrofit refrigerants.

LUBRICATION

Westron R22 works with Mineral oil, ALKYL BENZENE Oil, or POE OIL. OEM’s should cross check with the “Equipment Manufacturer’s guide lines” for specific Oil selection directions.

PHYSICAL AND CHEMICAL PROPERTIES

Chemical Name	:	Chlorodifluoromethane
Chemical Formula	:	CHCLF2
Molecular Weight	:	86.46 g/mol
Form	:	Liquefied Gas
Color	:	Colorless
Odor	:	Slight
pH	:	Neutral
Melting Point	:	-50.1 °C (-216 °F)
Boiling Point at 1.013	:	-10.8 °C (-41.4 °F)
Vapor Pressure	:	9,384 hPa at 21.1 °C (70.0 °F)
Vapor Density	:	21,470 hPa at 54.4 °C (129.9 °F)
Density	:	1.21 g/cm3 at 21.1 °C (70.0 °F)
Relative Vapor Density	:	3 (Air = 1.0)
Water Solubility	:	3.0 g/l



Two & Three Slices Cans
(1000 Gram)



Disposable Cylinders
(13.6Kg / 6.8Kg / 3.4Kg)
(30 Lbs / 15 Lbs / 7.5 Lbs)



Refillable Cylinders
(6.5Kg / 12Kg / 60Kg)



Torpedo / Ton Tanks
(500kg / 950kg)

Usage and Safety Information

Handling and Storage Precautions

Keep away from sources of ignition. Take precautionary measures against static discharges. Protect cylinders from damage. Do not drag, slide, roll or drop cylinders. Slowly open valve. Close cylinder valve after each use and keep closed even when cylinder is empty. Never apply heat or flame to any part of cylinder. Avoid inhalation of high concentration of vapours. Avoid contact between liquid and skin and eyes.

Store and use with adequate ventilation. Keep in a cool place away from fire risk, direct sunlight and all sources of heat. Avoid storing near intake of air conditioning units, boiler units and open drains. Store cylinders below 45 °C.



ISO Tankers
(ISO Tank Containers 20,000 Kg)