

Refrigerant R22



- Air conditioning
- Commercial Refrigeration
- Used in a broad spectrum of applications



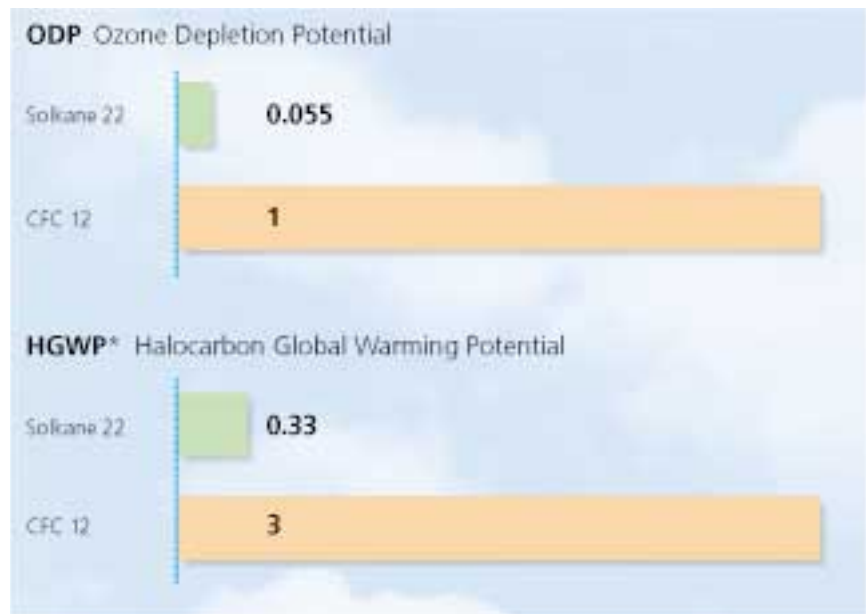
Product Description

- In comparison to CFC 12, the ODP of Solkane 22 is reduced by 94.5 %
- It is used in a broad spectrum of different applications
- Mostly used refrigerant worldwide
- Possible replacement for CFC 12 and CFC 502 in low-temperature application
- Well-known and approved refrigerant

Applications

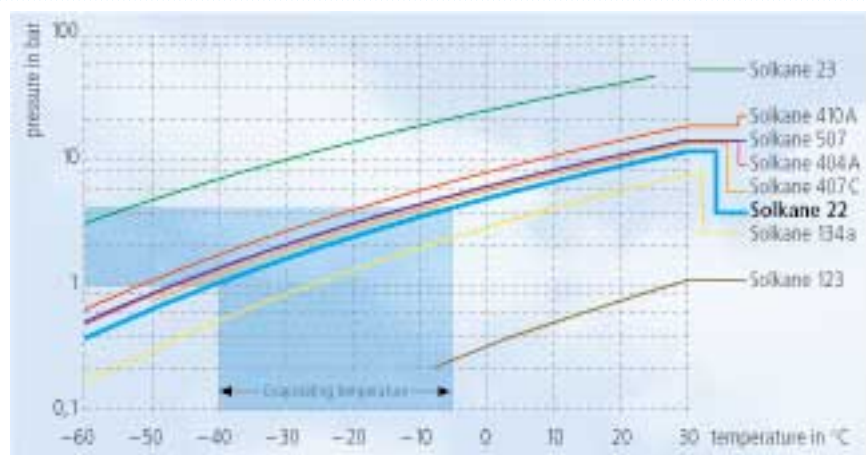
- Frozen food display case
- Chest freezer
- Air conditioner
- Cold storage room
- Heat pump
- Transport cooling system
- Commercial refrigeration
(e.g. supermarket, in medium and low temperature range)
- Industrial refrigeration

Environmental Aspects



*The HGWP is related to R11 for an infinite time horizon.

Range of Application



Physical Properties

Chemical Name	Chlorodifluoromethane	
Chemical Formula	CHClF ₂	
Molecular weight	kg/kmol	86.5
Boiling point at 1.013 bar	°C	-40.8
Critical Temperature	°C	96.2
Critical Pressure	bar	49.9
Critical Density	kg/m ³	513
Critical Volume	m ³ /kg	1.95 x 10 ⁻³
Density Liquid ¹⁾	kg/m ³	1195
Density Saturated Vapour ¹⁾	kg/m ³	44.111
Heat of Vaporization ¹⁾	kJ/kg	182.0
Specific Heat ¹⁾ (Liquid)	kJ/kgK	1.227
Specific Heat ²⁾ (Vapour)	kJ/kgK	0.658
¹⁾ at 25°C		
²⁾ at 25°C and 1.013 bar		

Packaging

		
Pre-filled returnable cylinders	900kg steel containers	ISO Tank containers (16 900 kg)
		
Road tankers (approx. 20t)	Rail tankers (approx. 20t)	Disposable cylinders

Technical Service

For further information please contact our technical specialists:

A-Gas (UK) Limited - Tel [+44] 127 537 6600 E info.uk@agas.com

A-Gas (Australia) Pty Ltd - Tel [+61] 3 9368 9222 E info.au@agas.com

A-Gas (South Africa) (Pty) Ltd - Tel [+27] 21 551 8790 E info.sa@agas.com

A-Gas (SEA) Pte Ltd - Tel [+65] 6836 0065 E info.sea@agas.com

Comments:

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Under no circumstances do we accept liability for damages which arise from the use of Solkane refrigerants and such products, which are manufactured with Solkane refrigerants.

