



Westfalen

Product sheet R-410A

Product name	R-410A
Physical state	liquefied under pressure
Chemical sign	CH ₂ F ₂ + CHF ₂ CF ₃
Chemical designation	R-32 (Difluoromethane) + R-125 (Pentafluoroethane)
Purity	99,5 %
Standard	DIN 8960
Properties	see safety data sheet
Shoulder color	yellow green (RAL 6018)

Components	
R-32 Difluoromethane	50,0 wt%
R-125 (Pentafluoroethane)	50,0 wt%

Minor components	Maximum values
organic substances	0,5 wt%
Moisture	25,0 wt. ppm
high-boiling residues	50,0 wt. ppm
non-condensable gases	1,5 vol.%

Name	Material number	Bottle type	Bottle container volume	Vapour/filling pressure	Content	Valve	Properties
Refrigerant KLEA 410 A T12 RCyl: 10,0 kg	A06370112	steel	12,0 l	14,5 bar	10,0 kg	DIN 477 No. 6 (W 21,80 x immersion tube 1/14)	
Refrigerant KLEA 410 A T61 RCyl: 50,0 kg	A06370161	steel	61,0 l	14,5 bar	50,0 kg	DIN 477 No. 6 (W 21,80 x immersion tube 1/14)	

Vapour pressure corresponds to 293.15 K (20°C).

Typical applications
■ as a refrigerant



Typical applications

- in climate control

Physical data

operating figures	Safety group according to DIN EN 378	A1
	Global warming potential (GWP ₁₀₀)	2088
	Molar mass	72,6 g mol ⁻¹
	Flammability (LFL)	- kg m ⁻³
	ozone depletion potential	0
	practical threshold value	0,44 kg m ⁻³
Liquid State	Boiling temperature at the bubble point	221,55 (-51,6) K (°C)
Critical Point	Temperature	344,55 (71,4) K (°C)
	Pressure	49 bar

All mentioned data, values and notes correspond to actual state of knowledge on the date of printing. They make no claim to be correct or complete and therefore do not release the user from his obligation to check them.

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