



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-410A
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	immersion tube
Refrigerant KLEA 410 A T61 RCyl: 50,0 kg	A06370161	steel	61,0 l	14,5 bar	50,0 kg	DIN 477 No. 6	immersion tube

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

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Current state 21.02.2021