



## R410A

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Item	286790
Description	Refrigerant gas mixture

## DATA SHEET

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CAS N.	75-10-5	354-33-6
CEE N.	200-839-4	206-557-8
ASHRAE N.	R32	R125
Chemical name	Difluoromethane	Pentafluoroethane
Molecular formula	CH <sub>2</sub> F <sub>2</sub>	C <sub>2</sub> HF <sub>5</sub>

## PROPERTIES

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R32 (Difluoromethane)	% wt	49,5 ± 1,0
R125 (Pentafluoroethane)	% wt	50,5 ± 1,0
Appearance	-	Gas liquefatto incolore
Molar mass	g/mol	72,59
Vapour pressure (at 20°C)	kPa	1447
Bubble temperature (at 101,3 kPa)	°C	-51,44
Dew temperature (at 101,3 kPa)	°C	-51,36
Critical temperature	°C	71,35
Liquid density at 20°C (at P v)	Kg/m <sup>3</sup>	1083
Vapour density at 20°C (at P v)	Kg/m <sup>3</sup>	56,8
Acidity	ppm	≤ 1
High-boiling impurity	ppm	≤ 100

## GUARANTEE

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Purity	% p/p	≥ 99,8
Vapor phase noncondensable	% v/v	≤ 1,5
Humidity	ppm	≤ 10