



R407C

Item	286590
Description	Refrigerant gas mixture

DATA SHEET

CAS N.	75-10-5	354-33-6	811-97-2
CEE N.	200-839-4	206-557-8	212-377-0
ASHRAE N.	R32	R125	R134a
Chemical name	Difluoromethane	Pentafluoroethane	1,1,1,2-Tetrafluoroethane
Molecular formula	CH ₂ F ₂	C ₂ HF ₅	C ₂ H ₂ F ₄

PROPERTIES

R32 (Difluoromethane)	% wt	23,0 ± 2,0
R125 (Pentafluoroethane)	% wt	25,0 ± 2,0
R134a (1,1,1,2-Tetrafluoroethane)	% wt	52,0 ± 2,0
Appearance	-	Colourless liquefied gas
Molar mass	g/mol	86,2
Vapour pressure (at 20°C)	kPa	1037,6
Bubble temperature (at 101,3 kPa)	°C	-43,6
Dew temperature (at 101,3 kPa)	°C	-36,6
Critical temperature	°C	86,0
Liquid density at 20°C (at P v)	Kg/m ³	1159
Vapour density at 20°C (at P v)	Kg/m ³	42,26
High-boiling impurity	ppm	≤ 100

GUARANTEE

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