



## R407F

Item	286600
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 <sub>2</sub> F <sub>2</sub>	C <sub>2</sub> HF <sub>5</sub>	C <sub>2</sub> H <sub>2</sub> F <sub>4</sub>

## PROPERTIES

R32 (Difluoromethane)	% wt	30,0 ± 2,0
R125 (Pentafluoroethane)	% wt	30,0 ± 2,0
R134a (1,1,1,2-Tetrafluoroethane)	% wt	40,0 ± 2,0
Appearance	-	Colourless liquefied gas
Molar mass	g/mol	82,0
Vapour pressure (at 20°C)	kPa	1144
Bubble temperature (at 101,3 kPa)	°C	-46,1
Dew temperature (at 101,3 kPa)	°C	-39,7
Critical temperature	°C	83,0
Liquid density at 20°C (at P v)	Kg/m <sup>3</sup>	1138
Vapour density at 20°C (at P v)	Kg/m <sup>3</sup>	40,82
High-boiling residue	% v/v	≤ 0,01

## GUARANTEE

Purity	% p/p	≥ 99,7
Air and other non-condensables	% v/v	≤ 1,5
Water	ppm	≤ 10