



R448A

Item	286890
Description	Refrigerant gas mixture

DATA SHEET

CAS N.	811-97-2	754-12-1	29118-24-9	354-33-6	75-10-5
CEE N.	212-377-0	468-710-7	471-480-0	206-557-8	200-839-4
ASHRAE N.	R134a	R-1234yf	R1234ze	R125	R32
Chemical name	1,1,1,2-Tetrafluoroethane	2,3,3,3-tetrafluoroprop-1-ene	Trans-1,3,3,3-Tetrafluoroprop-1-ene	Pentafluoroethane	Difluoromethane
Molecular formula	C ₂ H ₂ F ₄	C ₃ H ₂ F ₄	C ₃ H ₂ F ₄	C ₂ HF ₅	CH ₂ F ₂

PROPERTIES

R134a (1,1,1,2-Tetrafluoroetano)	% p/p	20,0 – 23,0
R1234yf	% p/p	18,0 – 20,5
R1234ze	% p/p	5,0 – 7,5
R125 (Pentafluoroetano)	% p/p	25,5 – 28,0
R32 (Difluorometano)	% p/p	24,0 – 26,5
Appearance	-	Gas liquefatto incolore
Molar mass	g/mol	86,28
Bubble temperature (at 101,3 kPa)	°C	-45,9
Dew point temperature (at 101,3 kPa)	°C	-39,8
Critical temperature	°C	81,6
Liquid density at 20°C (a P eb)	Kg/m ³	1105
Acidity	ppm	≤ 1
High-boiling residue	% v/v	≤ 0,01

GUARANTEE

Purity	% p/p	≥ 99,5
Water	ppm	≤ 10