



ColdAir^{Srl}

Specialisti in gas refrigeranti

R452A

NAME: R452A

TYPE: MIXTURE OF HFC32 - HFC125 - HFO 1234yf (11/59/30%)

CHEMICAL FORMULA: CH₂F₂ - C₂H₅F - C₃H₂F₄

TYPICAL USE: REFRIGERANT GAS

TYPICAL PROPERTIES: (in according to AHRI 700-2017)

HFC-32	11	(9,3÷12,7)*	% wt
HFC-125	59	(57,2÷60,8)*	% wt
HFC-1234yf	30	(29,0÷30,1)*	% wt
PURITY	> 99,5 % wt		
MOISTURE	< 10 ppm		
ACIDITY (as HCL)	< 1 ppm		
CHLORIDES	< 3 ppm		
EVAPORATION RESIDUE	< 100 ppm		
UNCONDENSABLE GASES	< 1,5 % Vol		

CHEMICAL - PHYSICAL PROPERTIES:

Color	Colorless
Molecular Weight	103,5 g/mol
Boiling Point at 101,3 kPa	-47,0 °C
Critical temperature	74,9 °C
Critical Pressure	4002 kPa
Liquid density at 21,1° C	1148,8 Kg/m ³
Flammability	none

*Limit of specific

GWP	2141
ODP	0
ADR/RID	2.2
UN NUMBER	1078
ASHRAE	A1