

Refrigerant Gas Chart

Gas Type	Chemical Symbol	Safety Classification	Molecular Weight	Vapor Density (Air = 1)	LEL%	UEL%	Risks
R22	CHClF ₂	A1	86.45	3	NA	NA	Asphyxiants
R32	CH ₂ F ₂	A2L	52.02	3.82	14	31	Asphyxiants/Flammable
R125	C ₂ HF ₅	A1	120	4.2	NA	NA	Asphyxiants
R134a	CH ₂ FCF ₃	A1	102.03	3.5	NA	NA	Asphyxiants
R143a	C ₂ H ₃ F ₃	A2L	84.06	2.9	7.1	16.1	Asphyxiants/Flammable
R227ea	C ₃ HF ₇	A1	170.03	5.9	NA	NA	Asphyxiants
R404a	(R-125/R-143A/R-134A) 44/52/4%	A1	97.6	3.34	NA	NA	Asphyxiants
R407a	(R-32/R125/R134A) 20/40/40%	A1	90.1	2.54	NA	NA	Asphyxiants
R407c	(R-32/R-125/R-134A) 23/25/52%	A1	86.2	3	NA	NA	Asphyxiants
R407f	(R-32/R125/R124A) 30/30/40%	A1	82.1	2.54	NA	NA	Asphyxiants
R410a	(R-32/R-125) 50/50%	A1	72.6	3	NA	NA	Asphyxiants
R417a	(R-125/R-134A/R-600) 46.6/50/3.4%	A1	106.7	3.8	NA	NA	Asphyxiants
R422d	(R-125/R-134A/R-600) 65.1/31.5/3.4%	A1	109.9	3	NA	NA	Asphyxiants
R448a	(R-32/R-125/R-134A/R1234yf/R-1234ze) 26/26/21/20/7%	A1	189.9	2.98	NA	NA	Asphyxiants
R449a	(R32/R125/R1234yf/R134a) 24.3/24.7/25.3/25.7%	A1	87.2	3.07	NA	NA	Asphyxiants
R450a	(R-134A/R1234ze) 42/58%	A1	109	NA	NA	NA	Asphyxiants
R452b	(HFC-32/C3H2F4) 30-50/50-70%	A2L	63.5	NA	12	23.3	Asphyxiants/Flammable
R454a	(HFC-32/R-1234yf) 35/65%	A2L	80.5	2.83	8	15	Asphyxiants/Flammable
R454b	(HFC-32/R-1234yf) 68.9/31.1%	A2L	62.6	2.2	11.25	22	Asphyxiants/Flammable
R454c	(HFC-32/R-1234yf) 21.5/78.5%	A2L	90.8	3.1	7	15	Asphyxiants/Flammable
R455a	(CO2/R32/R-1234yf) 3/21.5/75.5%	A2L	87.5	NA	11.8	12.9	Asphyxiants/Flammable
R507	(R-125/R-143A) 50/50%	A1	98.9	NA	NA	NA	Asphyxiants
R513a	(R-134A/R-1234yf) 30-50/50-70%	A1	108.4	NA	NA	NA	Asphyxiants
R1234yf	C ₃ H ₂ F ₄	A2L	114	4	6.2	12.3	Asphyxiants/Flammable
R1233zd	C ₃ H ₂ ClF ₃	A1	130.5	NA	NA	NA	Asphyxiants
R1234ze	C ₃ F ₄ H ₂	A2L	114	4	8	15	Asphyxiants/Flammable

Color - Colorless

Smell - Faint Ethereal Odor

Sensor Type - NDIR

% in Atmosphere - NA

Mounting Height - ~12" Above Floor