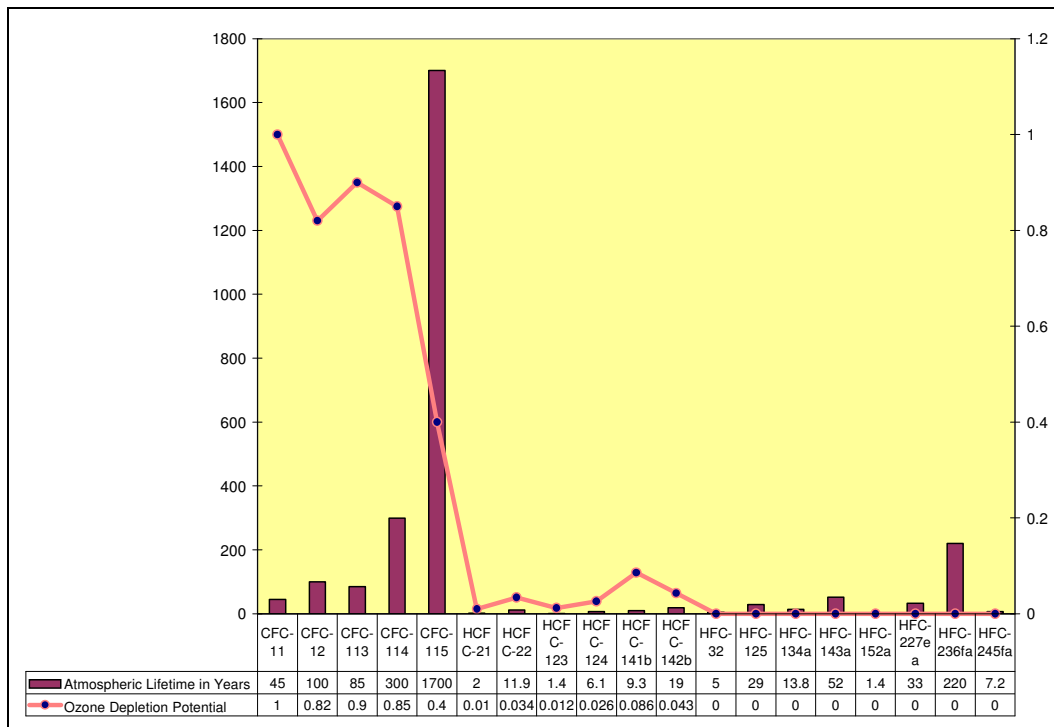


Appendix E-4: Refrigerant Properties

Table E-1 Refrigerant Climate Data Meeting the Guidelines^{1,2}

Refrigerant	Atmospheric Lifetime in Years	Ozone Depletion Potential	Global Warming Potential
HFC-152a	1.4	0	120
HCFC-123	1.4	0.012	120
HCFC-21	2	0.01	210
HFC-32	5	0	550
HCFC-124	6.1	0.026	620
HFC-245fa	7.2	0	950
HFC-134a	13.8	0	1300
HCFC-22	11.9	0.034	1700
HFC-125	29	0	3400
HFC-227ea	33	0	3500

Table E-2 Atmospheric Lifetime and Ozone Depletion Potential



1 James M. Calm "Refrigerant Data Summary" Engineered Systems Magazine Nov 2001.

2 Additional criteria such as equipment efficiency and net environmental impact may be applied to the selection of the refrigerants to be used in a project.

Table E-3 Atmospheric Lifetime and Global Warming Potential

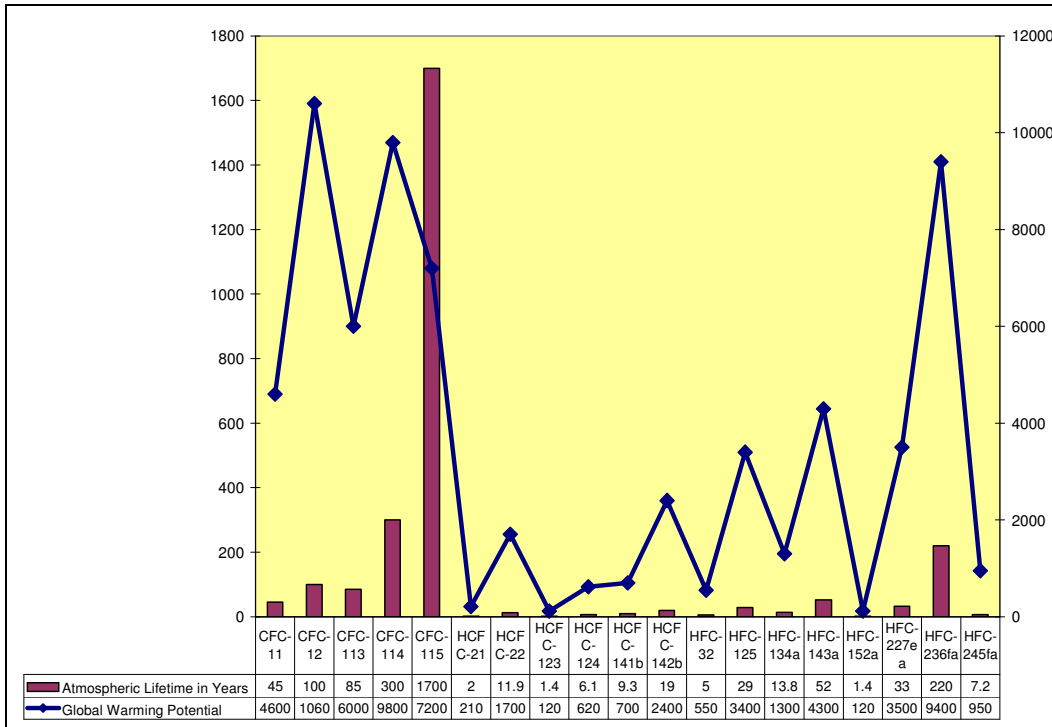


Table E-4 Ozone Depletion Potential and Global Warming Potential

