

Leak Rate					
	mbar x L/s	std.atm.cc/s*	torr x L/s	Pa x L/s	Pa x m ³ /s
1 mbar x L/s	1	0.987	0.75	100	0.1
1 std.atm.cc/s*	1.013	1	0.76	101	0.101
1 torr x L/s	1.33	1.32	1	133	0.133
1 Pa x L/s	0.001	0.00987	0.0075	1	0.1
1 Pa x m ³ /s	10	9.87	7.5	100,000	1

Equivalent Leak Rates for Freon, Helium, and Air							
	std.atm.cc/s (air)*	kg/h (air)	mg/s (air)	oz/year (air)	g/year (freon)	oz/year (freon)	std.atm.cc/s (helium)*
1 std.atm.cc/s (air) *	1	4.65 x10 ⁻³	1.292	1436.78	526.59	1.49 x10 ⁴	2.687
1 kg/h (air)	215.06	1	0.0036	3.24 x10 ⁻⁶	2.743 x10 ⁻⁸	9.6756 x10 ⁻¹⁰	577.849
1 mg/s (air)	5.974 x10 ⁴	277.778	1	1.12 x10 ³	9.876 x10 ⁻¹¹	3.4776 x10 ⁻¹²	2.08
1 oz/year (air)	6.96 x10 ⁻⁴	3.09 x10 ⁵	8.93 x10 ⁻³	1	8.879 x10 ⁻¹⁴	3.126 x10 ⁻¹⁵	1.857 x10 ⁻³
1 g/year (freon)	1.899 x10 ⁻³	3.645 x10 ⁷	1.0125 x10 ¹⁰	1.1263 x10 ¹³	1	0.03527	5.1 x10 ⁻³
1 oz/year (freon)	6.7 x10 ⁻⁵	1.0335 x10 ⁹	2.8755 x10 ¹¹	3.1987 x10 ¹⁴	28.3495	1	1.8 x10 ⁻⁴
1 std.atm.cc/s (helium)*	0.3722	1.731 x10 ⁻³	0.481	538.46	157497.2	5556	1

*Standard Temperature and Pressure are 1 atm and 0°C