Calculate Vacuum Pressures at Sea Level

Contributed by George Guise

This assumes sea level altitude and a barometric pressure reading of 29.92 in. of mercury (in./Hg).

San Diego, California experiences the least amount of pressure changes. Its barometric pressure range
With an equivalent seal level pressure of 29.92 Hg, Denver, Co at 5250 ft above sea level it would have

Understanding the vacuum pressure can be a little difficult, a vacuum of 18 Hg is 8.84 pounds of pressu
project (144 square inches X 8.84 lbs), the total pressure on the project would be appx. 1273 lbs over th

Keep in mind that a typical vacuum press for veneering is set at 21" of Hg which equals 1485 lbs/square

1 Hg =	**0.491159135559921**	**Lbs/Square Inch**
1 Hg =	**70.730000000000000**	**Lbs/Square Foot**

Inches Hg	Lbs/Sq. In.	Lbs/Sq. Ft.
1	0.49	70.73
2	0.98	141.45
3	1.47	212.18
4	1.96	282.91
5	2.46	353.63
6	2.95	424.36
7	3.44	495.09
8	3.93	565.82
9	4.42	636.54
10	4.91	707.27
11	5.40	778.00
12	5.89	848.72
13	6.39	919.45
14	6.88	990.18
15	7.37	1060.90
16	7.86	1131.63
17	8.35	1202.36
18	8.84	1273.08
19	9.33	1343.81
20	9.82	1414.54
21	10.31	1485.27
22	10.81	1555.99
23	11.30	1626.72
24	11.79	1697.45
25	12.28	1768.17
29.92	14.70	2116.15