

Common Vacuum Scales

mmHg(a)	mmHg(g)	"Hg(a)	"Hg(g)	"H ₂ O(a)	"H ₂ O(g)	mBar(a)	mBar(g)	psia	psig	atmospheres	% vacuum
760	0	29.9	0.0	407	0	1013	0	14.7	0.0	1.00	0.0%
750	10	29.5	0.4	401	5	1000	13	14.5	0.2	0.99	1.3%
740	20	29.1	0.8	396	11	987	27	14.3	0.4	0.97	2.6%
730	30	28.7	1.2	391	16	973	40	14.1	0.6	0.96	3.9%
720	40	28.3	1.6	385	21	960	53	13.9	0.8	0.95	5.3%
710	50	28.0	2.0	380	27	947	67	13.7	1.0	0.93	6.6%
700	60	27.6	2.4	375	32	933	80	13.5	1.2	0.92	7.9%
690	70	27.2	2.8	369	37	920	93	13.3	1.4	0.91	9.2%
680	80	26.8	3.1	364	43	907	107	13.1	1.5	0.89	10.5%
670	90	26.4	3.5	359	48	893	120	13.0	1.7	0.88	11.8%
660	100	26.0	3.9	353	54	880	133	12.8	1.9	0.87	13.2%
650	110	25.6	4.3	348	59	867	147	12.6	2.1	0.86	14.5%
640	120	25.2	4.7	343	64	853	160	12.4	2.3	0.84	15.8%
630	130	24.8	5.1	337	70	840	173	12.2	2.5	0.83	17.1%
620	140	24.4	5.5	332	75	827	187	12.0	2.7	0.82	18.4%
610	150	24.0	5.9	327	80	813	200	11.8	2.9	0.80	19.7%
600	160	23.6	6.3	321	86	800	213	11.6	3.1	0.79	21.1%
590	170	23.2	6.7	316	91	787	227	11.4	3.3	0.78	22.4%
580	180	22.8	7.1	310	96	773	240	11.2	3.5	0.76	23.7%
570	190	22.4	7.5	305	102	760	253	11.0	3.7	0.75	25.0%
560	200	22.0	7.9	300	107	747	267	10.8	3.9	0.74	26.3%
550	210	21.7	8.3	294	112	733	280	10.6	4.1	0.72	27.6%
540	220	21.3	8.7	289	118	720	293	10.4	4.3	0.71	28.9%
530	230	20.9	9.1	284	123	707	307	10.2	4.4	0.70	30.3%
520	240	20.5	9.4	278	128	693	320	10.1	4.6	0.68	31.6%
510	250	20.1	9.8	273	134	680	333	9.9	4.8	0.67	32.9%
500	260	19.7	10.2	268	139	667	347	9.7	5.0	0.66	34.2%
490	270	19.3	10.6	262	145	653	360	9.5	5.2	0.64	35.5%
480	280	18.9	11.0	257	150	640	373	9.3	5.4	0.63	36.8%
470	290	18.5	11.4	252	155	627	387	9.1	5.6	0.62	38.2%
460	300	18.1	11.8	246	161	613	400	8.9	5.8	0.61	39.5%
450	310	17.7	12.2	241	166	600	413	8.7	6.0	0.59	40.8%
440	320	17.3	12.6	236	171	587	427	8.5	6.2	0.58	42.1%
430	330	16.9	13.0	230	177	573	440	8.3	6.4	0.57	43.4%
420	340	16.5	13.4	225	182	560	453	8.1	6.6	0.55	44.7%
410	350	16.1	13.8	219	187	547	467	7.9	6.8	0.54	46.1%
400	360	15.7	14.2	214	193	533	480	7.7	7.0	0.53	47.4%
390	370	15.4	14.6	209	198	520	493	7.5	7.2	0.51	48.7%
380	380	15.0	15.0	203	203	507	507	7.3	7.3	0.50	50.0%
370	390	14.6	15.4	198	209	493	520	7.2	7.5	0.49	51.3%
360	400	14.2	15.7	193	214	480	533	7.0	7.7	0.47	52.6%
350	410	13.8	16.1	187	219	467	547	6.8	7.9	0.46	53.9%
340	420	13.4	16.5	182	225	453	560	6.6	8.1	0.45	55.3%
330	430	13.0	16.9	177	230	440	573	6.4	8.3	0.43	56.6%
320	440	12.6	17.3	171	236	427	587	6.2	8.5	0.42	57.9%
310	450	12.2	17.7	166	241	413	600	6.0	8.7	0.41	59.2%
300	460	11.8	18.1	161	246	400	613	5.8	8.9	0.39	60.5%
290	470	11.4	18.5	155	252	387	627	5.6	9.1	0.38	61.8%
280	480	11.0	18.9	150	257	373	640	5.4	9.3	0.37	63.2%
270	490	10.6	19.3	145	262	360	653	5.2	9.5	0.36	64.5%
260	500	10.2	19.7	139	268	347	667	5.0	9.7	0.34	65.8%
250	510	9.8	20.1	134	273	333	680	4.8	9.9	0.33	67.1%
240	520	9.4	20.5	128	278	320	693	4.6	10.1	0.32	68.4%
230	530	9.1	20.9	123	284	307	707	4.4	10.2	0.30	69.7%
220	540	8.7	21.3	118	289	293	720	4.3	10.4	0.29	71.1%
210	550	8.3	21.7	112	294	280	733	4.1	10.6	0.28	72.4%
200	560	7.9	22.0	107	300	267	747	3.9	10.8	0.26	73.7%
190	570	7.5	22.4	102	305	253	760	3.7	11.0	0.25	75.0%
180	580	7.1	22.8	96	310	240	773	3.5	11.2	0.24	76.3%
170	590	6.7	23.2	91	316	227	787	3.3	11.4	0.22	77.6%
160	600	6.3	23.6	86	321	213	800	3.1	11.6	0.21	78.9%
150	610	5.9	24.0	80	327	200	813	2.9	11.8	0.20	80.3%
140	620	5.5	24.4	75	332	187	827	2.7	12.0	0.18	81.6%
130	630	5.1	24.8	70	337	173	840	2.5	12.2	0.17	82.9%
120	640	4.7	25.2	64	343	160	853	2.3	12.4	0.16	84.2%
110	650	4.3	25.6	59	348	147	867	2.1	12.6	0.14	85.5%
100	660	3.9	26.0	54	353	133	880	1.9	12.8	0.13	86.8%
90	670	3.5	26.4	48	359	120	893	1.7	13.0	0.12	88.2%
80	680	3.1	26.8	43	364	107	907	1.5	13.1	0.11	89.5%
70	690	2.8	27.2	37	369	93	920	1.4	13.3	0.09	90.8%
60	700	2.4	27.6	32	375	80	933	1.2	13.5	0.08	92.1%
50	710	2.0	28.0	27	380	67	947	1.0	13.7	0.07	93.4%
40	720	1.6	28.3	21	385	53	960	0.8	13.9	0.05	94.7%
30	730	1.2	28.7	16	391	40	973	0.6	14.1	0.04	96.1%
20	740	0.8	29.1	11	396	27	987	0.4	14.3	0.03	97.4%
10	750	0.4	29.5	5	401	13	1000	0.2	14.5	0.01	98.7%
0	760	0.0	29.9	0	407	0	1013	0.0	14.7	0.00	100.0%
mmHg(a)	mmHg(g)	"Hg(a)	"Hg(g)	"H ₂ O(a)	"H ₂ O(g)	mBar(a)	mBar(g)	psia	psig	atmospheres	% vacuum

deeper

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