

Wood Performance Carburetors

EFI Math Conversion Charts

Pressure Conversion Chart for Fine Tuning EFI

Inches of Vacuum	Inches of Mercury HG	Kilopascals KPA	Millibars MB
0	29.921	101.325	1013.25
1	28.92	97.94	979.39
2	27.93	94.55	945.53
3	26.93	91.17	911.67
4	25.93	87.78	877.81
5	24.93	84.40	843.95
6	23.93	81.01	810.09
7	22.94	77.62	776.23
8	21.94	74.24	742.37
9	20.94	70.85	708.51
10	19.94	67.47	674.65
11	18.95	64.08	640.79
12	17.95	60.69	606.93
13	16.95	57.31	573.07
14	15.96	53.92	539.21
15	14.96	50.54	505.35
16	13.96	47.15	471.49
17	12.96	43.76	437.63
18	11.97	40.38	403.77
19	10.97	36.99	369.91
20	9.97	33.61	336.05
21	8.97	30.22	302.19
22	7.98	26.83	268.33
23	6.98	23.45	234.47
24	5.98	20.06	200.61
25	4.98	16.68	166.75
26	3.99	13.29	132.89
27	2.99	9.90	99.03
28	1.99	6.52	65.17
29	.99	3.13	31.3
30	0	0	0

Figures are not linear - Exact figures can be obtained by taking to the last .0001

PRESSURE CONVERSIONS

In HG	Torr (mmHg)	mBar	In H ₂ O	Ft H ₂ O	mm H ₂ O	m H ₂ O	PSI	PA	kPa	Kg/cm ²	ATM
1	25.4	33.86	13.6	1.133	345.3	0.345	0.491	3386	3.386	0.0345	0.0334
0.0394	1	1.333	0.535	0.0446	13.6	0.0136	0.0193	133.3	0.133	0.00136	0.00132
0.0295	0.75	1	0.402	0.0335	10.2	0.0102	0.0145	100	0.1	0.00102	0.000987
0.0735	1.868	2.49	1	0.0833	25.39	0.0254	0.0361	249	0.249	0.00254	0.00246
0.883	22.42	29.89	12	1	304.8	0.305	0.434	2989	2.989	0.0305	0.0295
0.0029	0.0736	0.0981	0.0394	0.00328	1	0.001	0.00142	9.806	0.00981	0.001	9.68E-05
2.9	73.55	98.06	39.38	3.281	1000	1	1.422	9806	9.806	0.1	0.0968
2.04	51.71	68.95	27.69	2.307	703.1	0.703	1	6895	6.895	0.0703	0.068
0.000295	0.0075	0.01	0.00402	0.000335	0.102	0.000102	0.000145	1	0.001	1.02E-05	9.9E-06
0.295	7.5	10	4.016	0.335	102	0.102	0.145	1000	1	0.0102	0.00987
29	735.7	980.9	393.9	32.82	10003	10	14.23	98088	98.09	1	0.968
29.921	760	1013.25	406.9	33.9	10333	10.333	14.696	101325	101.325	1.033	1

Pressure Equivalents

To Obtain Equivalents multiply the number of units in column 1 by the numbers in columns 2 thru 9

1	2	3	4	5	6	7	8	9
	KG PER SQUARE CM	POUNDS PER SQUARE INCH	ATMOSPHERE	BAR	INCHES OF MERCURY	KILOPASCALS	INCHES OF WATER COLUMN	FEET OF WATER COLUMN
Kg per square cm	1	14.22	0.9678	0.98067	28.96	98.067	394.05	32.84
Pounds per square inch	0.07031	1	0.06804	0.06895	2.036	6.895	27.7	2.309
Atmosphere	1.0332	14.696	1	1013.25	29.92	101.325	407.14	33.93
Bar	1.01972	14.5038	0.98692	1	29.53	100	402.156	33.513
Inches of Mercury	0.03453	0.4912	0.03342	0.033864	1	3.3864	13.61	1.134
Kilopascals	0.0101972	0.145038	0.0098696	0.01	.2953	1	4.02156	0.33513
Inches of Water	0.002538	0.0361	0.002456	0.00249	0.07349	0.249	1	0.0833
Feet of Water	0.3045	0.4332	0.02947	0.029839	0.8819	2.9839	12	1

Inches of Mercury to Millibars Conversion Chart

In Hg	Mb	In Hg	Mb	In Hg	Mb	In Hg	Mb
29.00	982.06	29.50	998.99	30.00	1015.92	30.50	1032.85
29.01	982.39	29.51	999.33	30.01	1016.26	30.51	1033.19
29.02	982.73	29.52	999.67	30.02	1016.60	30.52	1033.53
29.03	983.07	29.53	1000.00	30.03	1016.94	30.53	1033.87
29.04	983.41	29.54	1000.34	30.04	1017.27	30.54	1034.21
29.05	983.75	29.55	1000.68	30.05	1017.61	30.55	1034.55
29.06	984.09	29.56	1001.02	30.06	1017.95	30.56	1034.88
29.07	984.43	29.57	1001.36	30.07	1018.29	30.57	1035.22
29.08	984.77	29.58	1001.70	30.08	1018.63	30.58	1035.56
29.09	985.10	29.59	1002.04	30.09	1018.97	30.59	1035.90
29.10	985.44	29.60	1002.37	30.10	1019.31	30.60	1036.24
29.11	985.78	29.61	1002.71	30.11	1019.65	30.61	1036.58
29.12	986.12	29.62	1003.05	30.12	1019.98	30.62	1036.92
29.13	986.46	29.63	1003.39	30.13	1020.32	30.63	1037.25
29.14	986.80	29.64	1003.73	30.14	1020.66	30.64	1037.59
29.15	987.14	29.65	1004.07	30.15	1021.00	30.65	1037.93
29.16	987.47	29.66	1004.41	30.16	1021.34	30.66	1038.27
29.17	987.81	29.67	1004.74	30.17	1021.68	30.67	1038.61
29.18	988.15	29.68	1005.08	30.18	1022.02	30.68	1038.95
29.19	988.49	29.69	1005.42	30.19	1022.35	30.69	1039.29
29.20	988.83	29.70	1005.76	30.20	1022.69	30.70	1039.62
29.21	989.17	29.71	1006.10	30.21	1023.03	30.71	1039.96
29.22	989.51	29.72	1006.44	30.22	1023.37	30.72	1040.30
29.23	989.84	29.73	1006.78	30.23	1023.71	30.73	1040.64
29.24	990.18	29.74	1007.12	30.24	1024.05	30.74	1040.98
29.25	990.52	29.75	1007.45	30.25	1024.39	30.75	1041.32
29.26	990.86	29.76	1007.79	30.26	1024.72	30.76	1041.66
29.27	991.20	29.77	1008.13	30.27	1025.06	30.77	1042.00
29.28	991.54	29.78	1008.47	30.28	1025.40	30.78	1042.33
29.29	991.88	29.79	1008.81	30.29	1025.74	30.79	1042.67
29.30	992.22	29.80	1009.15	30.30	1026.08	30.80	1043.01
29.31	992.55	29.81	1009.49	30.31	1026.42	30.81	1043.35
29.32	992.89	29.82	1009.82	30.32	1026.76	30.82	1043.69
29.33	993.23	29.83	1010.16	30.33	1027.10	30.83	1044.03
29.34	993.57	29.84	1010.50	30.34	1027.43	30.84	1044.37
29.35	993.91	29.85	1010.84	30.35	1027.77	30.85	1044.70
29.36	994.25	29.86	1011.18	30.36	1028.11	30.86	1045.04
29.37	994.59	29.87	1011.52	30.37	1028.45	30.87	1045.38
29.38	994.92	29.88	1011.86	30.38	1028.79	30.88	1045.72
29.39	995.26	29.89	1012.19	30.39	1029.13	30.89	1046.06
29.40	995.60	29.90	1012.53	30.40	1029.47	30.90	1046.40
29.41	995.94	29.91	1012.87	30.41	1029.80	30.91	1046.74
29.42	996.28	29.92	1013.21	30.42	1030.14	30.92	1047.07
29.43	996.62	29.93	1013.55	30.43	1030.48	30.93	1047.41
29.44	996.96	29.94	1013.89	30.44	1030.82	30.94	1047.75
29.45	997.29	29.95	1014.23	30.45	1031.16	30.95	1048.09
29.46	997.63	29.96	1014.57	30.46	1031.50	30.96	1048.43
29.47	997.97	29.97	1014.90	30.47	1031.84	30.97	1048.77
29.48	998.31	29.98	1015.24	30.48	1032.17	30.98	1049.11
29.49	998.65	29.99	1015.58	30.49	1032.51	30.99	1049.45