

CONVERSION TABLE

Method of using the conversion table:

- 1) Find the unit of measure to be converted from the left column.
- 2) Multiply the appropriate pressure by the factor shown under the corresponding unit of measure from the top row to obtain the desired conversion.

Example: How to obtain 150 psi in kPa?
 150 (psi) x 6,894757 (kPa) = 1,034,22 kPa

To From	psi	kPa	bar	Kg/cm ²	mpa	mbar	in hg	cm hg	mm hg	in H ₂ O	cm H ₂ O	oz/in ²	ft H ₂ O	m H ₂ O	mm H ₂ O	atm
psi	1	6.894757	0.06894757	0.070306958	0.0069	68.95	2.03602	5.71486	51.71486	27.68068	70.308927	16	2.306723	0.70308927	703.8	0.0680046
kPa	0.1450377	1	0.01	0.01019716	0.001	10	0.2952997	0.75	7.500610	4.014742	10.19745	2.320603	0.3345618	0.1019745	102.07	0.009866924
bar	14.5038	100	1	1.019716	0.1	1000	29.53	75	750.0626	401.8596	1019.7466	232.0608	33.4833	10.197466	10.210	0.986923
Kg/cm ²	14.223343	98.066494	0.9806650	1	0.0981	980.7	28.95901	73.56	735.5588	393.711806	1000.028	227.57349	32.809312	10.00028	100.010	0.967841598
mpa	145.04	1000	10	10.2	1	10,000	295.3	750	7500	4019	10,207	2321	334.56218	101.9748043	102.074	9.869
mbar	0.0145	0.1	0.001	0.00102	1	1	0.0295	0.075	0.75	0.4012	1.021	0.2321	0.0334562	0.00101972	10.21	0.000987
in hg	0.4911542	3.386389	0.03386389	0.0345316	0.00339	33.86	1	2.54	25.4	13.595484	34.53253	7.85847	1.132957	0.3453253	345.7	0.0334211
cm hg	0.1934	1.333	0.01333	0.0136	0.00133	13.33	0.394	1	10	5.358	13.61	3.10	0.4460463	0.13595509	136.1	0.01316
mm hg	0.0193368	0.1333225	0.00133323	0.00135951	0.000133	1.333	0.039370079	0.1	1	0.535255	1.359554	0.3093888	0.0446046	0.01359554	13.61	0.001315790
in H ₂ O	0.0361263	0.2490819	0.00249	0.00254219	0.00025	2.488	0.0735539	0.187	0.0735539	1	2.54	0.578020	0.08333	0.0254	25.4	0.00245825
cm H ₂ O	0.0142229	0.980634	0.0098064	0.0099997	0.0001	0.98	0.0289581	0.0735	0.7355372	0.3937	1	0.227566	0.032808	0.01	10	0.000967814
oz/in ²	0.0625	0.4309223	0.00430922	0.04394308	0.00043	4.31	0.12725125	0.323	3.23218	1.73004	4.394308	1	0.14417	0.04394308	43.986	0.004252875
ft H ₂ O	0.433515	2.988981	0.02988981	0.03037912	0.002988981	29.88981	0.882646	2.24192	22.4192	12	30.48	6.93624	1	0.3048	304.80	0.02949896
m H ₂ O	1.42229	9.8063439	0.98066494	0.099997	0.009806344	980.66494	2.89581	7.355372	73.55372	39.370079	100	22.7566	3.2808399	1	1000	0.0967814
mm H ₂ O	0.001421	0.0098	0.00098	0.0001	0.00001	0.098	0.00289	0.00735	0.0735	0.0394	.1	0.3093888	0.0032808	0.001	1	0.000097
atm	14.696	101.32535	1.0132535	1.033231	0.1013	1013	299.213	76	760	406.794	1033.2633	235.136	33.8995	10.332633	10.343	1