

Pressure Units Cross Reference Chart

	atm	psi	cm H ₂ O	mm Hg	bar	kPa	Ft Hd H ₂ O @ 20°C	in H ₂ O	m H ₂ O	in Hg	cm Hg	mbar
1 atm =	1	14.696	1030.10	760.00	0.9867	101.3250	33.9439	2616.46	103.0104	29.9440	76.0000	986.663
1 psi =	0.0680	1	70.09	51.71	0.0690	6.8947	2.3097	178.04	7.0094	2.0376	5.1715	68.966
1 cm H ₂ O =	0.0010	0.014	1	0.7377	0.0010	0.0984	0.0330	2.54	0.1000	0.0291	0.0738	0.958
1 mm Hg =	0.0013	0.019	1.36	1	0.0013	0.1330	0.0447	3.44	0.1355	0.0394	0.1000	1.298
1 bar =	0.9869	14.500	1016.61	750.06	1	100.0000	33.4992	2582.19	101.6610	29.5524	75.0062	1000.000
1 kPa =	0.1450	2.131	10.20	7.53	0.1431	1	0.3350	4.02	0.1020	0.2965	0.7525	143.066
1 Ft Hd H ₂ O @ 20°C =	0.0295	0.433	30.35	22.39	0.0291	2.9840	1	77.08	3.0347	0.8822	2.2390	29.067
1 in H ₂ O =	0.4329	6.363	445.98	329.04	0.4272	43.8687	14.6960	1	44.5984	12.9643	32.9042	427.176
1 m H ₂ O =	30.3473	445.984	31260.85	23063.93	29.9425	3074.9373	1030.1040	79402.55	1	908.7187	2306.3927	29942.539
1 in Hg =	22.3899	329.042	23063.93	17016.32	22.0913	2268.6567	760.0000	58582.37	2306.3927	1	1701.6325	22091.293
1 cm Hg =	0.0299	0.439	30.75	22.69	0.0295	3.0247	1.0133	78.11	3.0750	0.8939	1	29.453
1 mbar =	2.9851	43.869	3074.94	2268.66	2.9453	302.4627	101.3250	7810.34	307.4937	89.3851	226.8657	1