

Pressure Table

	Bar	kPa	lbf/in ²	kgf/in ²	inH ₂ O	mmH ₂ O	inHg	mmHg
Bar	1	100	14.503	1.020	401.5	10.198 x 10 ³	29.53	750.1
kPa	0.0100	1	0.145	0.0102	4.015	101.98	0.2953	7.501
lbf/in ²	0.06895	6.895	1	0.07031	27.68	703.07	2.036	51.71
kgf/in ²	0.9807	98.07	14.22	1	393.7	1 x 10 ⁴	28.96	735.6
inH ₂ O	2.491 x 10 ⁻³	0.2491	0.03613	2.54 x 10 ⁻³	1	25.4	0.07356	1.868
mmH ₂ O	9.81 x 10 ⁻⁵	9.81 x 10 ⁻³	1.42 x 10 ⁻³	1.0 x 10 ⁻⁴	0.0394	1	2.896 x 10 ⁻³	0.0735
inHg	0.03386	3.386	0.4912	0.03453	13.61	345.44	1	25.4
mmHg	1.333 x 10 ⁻³	0.133	0.01934	1.360 x 10 ⁻³	0.5352	13.594	0.03937	1

Flow Table

	l/s	UK gpm	US gpm	m ³ /s	l/h	ft ³ /s	ft ³ /min
l/s	1	13.52	15.85	1 x 10 ⁻³	3600	0.0353	2.119
UK gpm	0.07577	1	1.201	7.577 x 10 ⁻⁶	272.8	2.676 x 10 ⁻³	0.1605
US gpm	0.06309	0.8328	1	0.0631 x 10 ⁻³	227.1	0.00223	0.1337
m ³ /s	1000	1.320 x 10 ⁴	1.585 x 10 ⁴	1	3.6 x 10 ⁶	35.31	2119
l/h	2.778 x 10 ⁻⁴	3.666 x 10 ⁻³	44.03 x 10 ⁻⁴	2.778 x 10 ⁻⁷	1	9.810 x 10 ⁻⁶	0.5886 x 10 ⁻³
ft ³ /s	28.32	373.7	448.9	0.02832	101.9	1	60
ft ³ /min	0.4719	6.229	7.480	4.719 x 10 ⁻⁴	1.699	0.01667	1

Power Table

	W	kW	Btu/h	kcal/h
W	1	1 x 10 ⁻³	3.412	0.860
kW	1000	1	3412.1	860
Btu/h	0.2931	2.931 x 10 ⁻⁴	1	0.2519
kcal/h	11.628	1.163 x 10 ⁻³	3.968	1

Temperature Conversion

$$^{\circ}\text{C} = (^{\circ}\text{F} - 32) / 1.8$$

$$^{\circ}\text{F} = (^{\circ}\text{C} \times 1.8) + 32$$