

UNIT CONVERSION TABLES

Use the following tables to convert common power, pressure, flow and length units. Simply select the correct combination of units you want to convert from / to, to discover the formula. Having difficulty working through job specifications? Phone 1800 807 604 for assistance.

Flow Conversion				
L/Sec	to	L/Min	×	60
L/Sec	to	L/Hr	×	3600
L/Sec	to	Imperial Gal/Min	×	13.2
L/Sec	to	Imperial Gal/Hr	×	793
m3/Hr	to	L/Hr	×	1000
m3/Hr	to	Imperial Gal/Hr	×	220
Imperial Gallons	to	Litres	×	4.54
Litres	to	Imperial Gallons	÷	4.54

Length Conversion				
mm	to	cm	×	0.1
mm	to	m	×	0.001
mm	to	Inch	×	0.0394
mm	to	ft	×	0.0033
cm	to	mm	×	10
cm	to	m	×	0.01
cm	to	Inch	×	0.394
cm	to	ft	×	0.0328
m	to	mm	×	1000
m	to	cm	×	100
m	to	km	×	0.001
m	to	Inch	×	39.37
m	to	ft	×	3.281
Inch	to	mm	×	25.4
Inch	to	cm	×	2.54
Inch	to	m	×	0.0254
Inch	to	ft	×	0.083
ft	to	mm	×	304.8
ft	to	cm	×	30.48
ft	to	m	×	0.305
ft	to	Inch	×	12
mi	to	m	×	1610
mi	to	km	×	1.61
mi	to	ft	×	5280

Volume Conversion				
litres	cubic metres	Imp gallons	US gallons	cubic feet
1	0.001	0.22	0.264	0.0353
1000	1	220	264	35.3
4.546	0.0045	1	1.2	0.1605
3.785	0.0038	0.833	1	1.2
28.32	0.0283	6.23	7.48	1

Power Conversion				
kW	to	HP	×	1.34
HP	to	kW	×	0.745

lpm	lps	m3/hr	gpm	gph
7.6	0.13	0.45	1.7	100
10	0.17	0.60	2.2	132
16.7	0.28	1.00	3.7	220
45.5	0.76	2.73	10	601
60	1.00	3.60	13.2	793
75.7	1.26	4.54	16.7	1000
83.3	1.39	5.00	18.3	1101

inches	feet	yards	metres
1	0.0833	0.027	0.0254
12	1	0.333	0.3048
36	3	1	0.9144
39.37	3.2808	1.0936	1

Pressure Conversion				
psi	to	kPa	×	6.89
psi	to	Metre Head	×	0.704
psi	to	Ft Head	×	2.31
kPa	to	psi	÷	6.89
kPa	to	Metre Head	÷	9.80
kPa	to	Ft Head	÷	3
Metre Head	to	psi	×	1.42
Metre Head	to	kPa	×	9.80
Metre Head	to	Ft Head	×	3.28
Metre Head	to	Bar	÷	10
Ft Head	to	psi	÷	2.31
Ft Head	to	kPa	÷	6.89
Ft Head	to	Metre Head	÷	3.281
Ft Head	to	Bar	÷	34
1 Bar	to	psi	×	14.5
1 Bar	to	kPa	×	101.28
1 Bar	to	Metre Head	×	10
1 Bar	to	Ft Head	×	34

metres	kPa	bar	feet head	psi
1	9.81	0.10	3.28	1.42
10	98.1	0.98	32.8	14.2
10.2	100	1.00	33.4	14.5
15.2	149.5	1.5	50	21.6
30.5	299	3.0	100	43.3
35.2	354.4	3.5	115.5	50
70.4	690.8	6.9	231	100
101.9	999.6	10	334.2	144.7

DISCLAIMER: The information and data provided is estimated and is a guide only, and it is the sole and entire responsibility of the user to ensure that it is accurate and suitable for their application.