

## CONVERSION FACTORS

VOLUME	MULTIPLY UNITS IN LEFT COLUMN BY PROPER FACTOR BELOW							
	cu in	cu ft	cu yd	cu cm	cu metre	litre	U S gal	Imp gal
1 cu inch	1	-	-	16.387	-	0.0164	-	-
1 cu foot	1728	1	0.0370	28.317	0.0283	28.32	7.481	6.229
1 cu yard	46,656	27	1	-	0.7646	764.5	202.0	168.2
1 cu centimetre	0.0610	-	-	1	-	0.001	-	-
1 cu metre	61,023	35.31	1.308	1,000,000	1	999.97	264.2	220.0
1 litre	61.025	0.0353	-	1,000	0.001	1	0.2642	0.2200
1 U S gallon	231	0.1337	-	3,785.4	-	3.785	1	0.8327
1 Imperial gallon	227.4	0.1605	-	4,546.1	-	4.546	1.201	1

PRESSURE	MULTIPLY UNITS IN LEFT COLUMN BY PROPER FACTOR BELOW							
	kPa	lb/sq in	lb/sq ft	int ata	kg/cm <sup>2</sup> 0°C	mm Hg at 0°C	in Hg at 0°C	ft water at
1 pound/sq in	6.895	1	144	-	0.0703	51.713	2.0359	2.307
1 pound/sq ft	0.048	0.00694	1	-	-	0.3591	0.01414	0.01602
1 int atmosphere	101.3	14.696	2116.2	1	1.0333	760	29.921	33.90
1 kilogram /sq cm	98.07	14.223	2048.1	0.9678	1	735.56	28.958	32.81
1 millimetre -mercury- 1 torr (toricelli)-	0.133	0.0193	2.785	-	-	1	0.0394	0.0446
1 inch mercury	3.387	0.4912	70.73	0.0334	0.0345	25.400	1	1.133
1 foot water	2.984	0.4335	62.42	-	0.0305	22.418	0.8826	1
1 kilopascal (kPa)	1	0.145	20.92	0.0099	0.0102	7.519	0.295	0.3346