

CONVERSION CHARTS



CONVERT TO

CUBIC INCHES	CUBIC FEET	LITERS	CUBIC METERS	POUNDS (H ₂ O@68°F)	U.S. TONS (H ₂ O@68°F)	KILOGRAMS (H ₂ O@68°F)
231	0.134	3.785	0.00379	8.338	0.00417	3.782
277	0.161	4.546	0.00455	10.01	0.005	4.542
1.000	0.000579	0.0164	0.0000164	0.0361	55409	0.0164
1728	1.000	28.32	0.0283	62.37	0.0312	28.29
61.02	0.0353	1.000	0.001	2.203	0.0011	0.1000
61024	35.32	1000	1.000	2203	1.101	1000
27.71	0.016	0.454	0.000454	1.000	0.0005	0.454
55409	32.07	908	0.908	2000	1.000	907
61.08	0.0353	1.000	0.001	2.205	0.0011	1.000

VOLUME & WEIGHT CONVERSIONS

CONVERT FROM	CONVERT TO								
	U.S. GALLONS	IMPERIAL GALLONS	CUBIC INCHES	CUBIC FEET	LITERS	CUBIC METERS	POUNDS (H ₂ O@68°F)	U.S. TONS (H ₂ O@68°F)	KILOGRAMS (H ₂ O@68°F)
U.S. GALLONS	1.000	0.833	231	0.134	3.785	0.00379	8.338	0.00417	3.782
IMPERIAL GALLONS	1.200	1.000	277	0.161	4.546	0.00455	10.01	0.005	4.542
CUBIC INCHES	0.00433	0.00361	1.000	0.000579	0.0164	0.0000164	0.0361	55409	0.0164
CUBIC FEET	7.481	6.229	1728	1.000	28.32	0.0283	62.37	0.0312	28.29
LITERS	0.264	0.220	61.02	0.0353	1.000	0.001	2.203	0.0011	0.1000
CUBIC METERS	264	220	61024	35.32	1000	1.000	2203	1.101	1000
POUNDS (WATER@68°F)	0.120	0.0999	27.71	0.016	0.454	0.000454	1.000	0.0005	0.454
U.S. TONS (WATER@68°F)	240	200	55409	32.07	908	0.908	2000	1.000	907
KILOGRAMS (WATER@68°F)	0.264	0.220	61.08	0.0353	1.000	0.001	2.205	0.0011	1.000

Example: 2 Kilograms x 2.205 = 4.41 Pounds

HEAD & PRESSURE CONVERSION

CONVERT FROM	CONVERT TO										
	lb/in ²	lb/ft ²	Atm	kg/cm ²	kg/m ²	INCHES OF WATER	FEET OF WATER	INCHES OF MERCURY	mm. OF MERCURY	BARS	MPa
lb/in ²	1.000	144	0.0680	0.0703	703	27.73	2.311	2.036	51.72	0.0690	0.00690
lb/ft ²	0.0007	1.000	0.000473	0.000488	4.882	0.193	0.0161	0.0141	0.359	0.000479	0.0000479
Atm	14.70	2116	1.000	1.033	10332	407	33.96	29.92	760	1.013	0.101
kg/cm ²	14.22	2048	0.968	1.000	10000	394	32.87	28.96	736	0.981	0.0981
kg/m ²	0.00142	0.205	0.0000968	0.0001	1.000	0.0394	0.00329	0.00290	0.0736	0.000098	0.0000098
INCHES OF WATER	0.0361	5.197	0.00245	0.00253	25.38	1.000	0.0833	0.0734	1.865	0.00249	0.000249
FEET OF WATER	0.433	62.32	0.0294	0.0304	304	12.00	1.000	0.8811	2.38	0.0298	0.00298
INCHES OF MERCURY	0.491	70.73	0.0334	0.0345	345	13.62	1.135	1.000	25.40	0.0339	0.00339
mm. OF MERCURY	0.0193	2.785	0.00132	0.00136	13.60	0.536	0.0447	0.0394	1.000	0.00133	0.000133
BARS	14.50	2088	0.987	1.020	10197	402	33.51	29.53	750	1.000	0.1000
MPa	145	20886	9.869	10.20	101972	4022	335	295	7501	10.00	1.000

Example: 2 lb/in x 27.73 = 55.46 inches of water

CONVERT FROM	CONVERT TO								
	U.S. gpm	IMPERIAL gpm	MILLION U.S. gpd	ft ³ /s	m ³ /s	m ³ /min	m ³ /hr	lps	lpm
U.S. gpm	1.000	0.833	0.00144	0.00223	0.0000631	0.00379	0.227	0.0631	3.786
IMPERIAL gpm	1.201	1.000	0.00173	0.00268	0.0000758	0.00454	0.273	0.0758	4.548
MILLION US GALLONS/DAY	694	578	1.000	1.547	0.0438	2.628	158	43.80	2628
ft ³ /s	449	374	0.646	1.000	0.0283	1.698	102	28.32	1699
m ³ /s	15852	13200	22.83	35.35	1.000	60.00	3600	1000	60000
m ³ /min	264	220	0.380	0.589	0.0167	1.002	60.00	16.67	1000
m ³ /hr	4.403	3.760	0.00634	0.00982	0.0000116	0.000696	1.000	0.278	16.68
lps	15.85	13.20	0.0228	0.0353	0.00100	0.0600	3.600	1.000	60.00
lpm	0.264	0.220	0.000380	0.000589	0.0000167	0.00100	0.0600	0.0167	1.000

Example: 2 Kilograms x 2.205 = 4.41 Pounds