

Conversion Factors

Multiply	by	To Obtain	Multiply	by	To Obtain	
Bar	14.5	Pounds/square inch	Inches of Hg at 62°F	13.6114	Inches of water at 62°F	
Centimeters	0.3937	Inches		7.85872	Ounces/square inch	
	0.032808	Feet	Inches of water at 62°F	0.00245	Atmospheres	
	0.01	Meters		25.37	Kilograms/square meter	
	10	Millimeters		Kilopascals (kPa)	0.1450377	lb./in ² (Psi)
Cubic feet of water	62.4266	Pounds at 39.2°F			Kilogram/sq meter	9.678 X 10 ⁻⁵
	62.3554	Pounds at 62°F	0.003285			Feet of water at 62°F
Cubic meters/hour	4.40	Gallons (US)/minute	0.002896		Inches of Hg at 32°F	
Degrees F (less 32)	0.5556	Degrees C	0.2048	Pounds/square foot		
Degrees F	1 (plus 460)	Degrees F above absolute 0	0.001422	Pounds/square inch		
Degrees C	1.8 (plus 32)	Degrees F	0.007356	Centimeters of Hg at 32°F		
	1 (plus 273)	Degrees C above absolute 0	Liters	1000	Cubic centimeters	
Feet of water at 62	0.029465	Atmospheres		0.03531	Cubic feet	
	0.88162	Inches of Hg at 32°F		61.02	Cubic inches	
	62.3554	Pounds/square foot		0.001	Cubic meters	
	304.44	Kilogram/sq meter		0.001308	Cubic yards	
Gallons (US)	3785	Cubic centimeters		0.2642	Gallons (US)	
	0.13368	Cubic feet		0.22	Gallons (Imp)	
	231	Cubic inches		2.113	Pints (liq. US)	
	0.003785	Cubic meters		1.057	Quarts (liq. US)	
	0.004951	Cubic yards		8.107 X 10 ⁻⁷	Acre Feet	
	3.785	Liters		2.2018	Pounds of water at 62°F	
	8	Pints (liq. US)		Liters/minute	0.0005886	Cubic feet/second
	4	Quarts (liq. US)			0.004403	Gallons (US)/second
0.83267	Gallons (Imperial)	0.26418		Gallons (US)/minute		
3.069 X 10 ⁻⁶	Acre feet	Meters	100	Centimeters		
Gallons (US) of water at 62°F	8.3357		Pounds of water	Microns Hg	0.001	Torr
		Gallons (US)/minute			0.1	Centimeters
0.002228	Cubic feet/second		0.03937	Inches		
0.13368	Cubic feet/minute		39.37	Mils		
8.0208	Cubic feet/hour		1000	Microns		
0.06309	Liters/second	Pounds of water at 62°F	0.01604	Cubic feet		
3.78533	Liters/minute		27.72	Cubic inches		
0.0044192	Acre feet/24 hours		0.120	Gallons (US)		
0.227	Cubic meters/hour		Pounds of water/min. at 62°F	0.0002673	Cubic feet/second	
Inches	2.54	Centimeters		Pounds/square inch	6.894759	Kilopascals (kPa)
	0.08333	Feet			0.068044	ATmospheres
	1000	Mils			2.30934	Feet of water at 62°F
	12	Lines			2.0360	Inches of Hg at 32°F
	72	Points			703.067	Kilograms/square meter
25.4	Millimeters (mm)	27.912	Inches of water at 62°F			
Inches of Hg at 32°F	0.3342	Atmospheres	0.06894757	Bar		
	345.3	Kilograms/square meter	52.16	Millimeters Hg		
	70.73	Pounds/square foot	Torr	.0013158	ATMOS	
	0.49117	Pounds/square inch		133.32	N/M ²	
1.1343	Feet of water at 62°F	.99999986		MMHG		