

ENGLISH / METRIC CONVERSIONS

Units	English to Metric	Metric to English
Length	1 in. = 25.4 mm	1 mm = .03937 in.
	1 in. = 2.54 cm	1 cm = .3937 in.
	1 in. = .0254 m	1 m = 39.37 in.
	1 ft. = 304.8 mm	1 mm = .00328 ft.
	1 ft. = 30.48 cm	1 cm = 0.328 ft.
	1 ft. = .3048 m	1 m = 3.2808 ft.
Area	1 in. ² = 6.4516 cm ²	1 cm ² = 1.55 in. ²
	1 ft. ² = .0929 m ²	1 m ² = 10.764 ft. ²
Volume	1 in. ³ = 16.387 cm ³	1 cm ³ = .061 in. ³
	1 ft. ³ = .0283 m ³	1 m ³ = 35.315 ft. ³
Velocity	1 fpm = .00508 m/sec	1 m/sec = 196.85 fpm
Flow	1 cfm = .00047 m ³ /sec	1 m ³ /sec = 2118.9 cfm
	1 cfm = .0283 m ³ /min	1 m ³ /min = 35.315 cfm
	1 cfm = 1.699 m ³ /hr	1 m ³ /hr = .5886 cfm
Pressure Drop	1 in. W.G. = 248.8 Pa	1 Pa = .00402 in. W.G.
Weight	1 oz. = 28.375 g	1 g = .0352 oz.
	1 lb. = 454 g	1 kg. = 2.203 lbs.
	1 lb. = .454 kg	
Temperature	°F = 1.8 C° + 32	C° = .5556 F° - 18