

CONVERSION TABLES

WIND VELOCITY CONVERSION CHART

WIND VELOCITY	PRESSURE	PRESSURE	PRESSURE	PRESSURE
Miles per Hour (MPH)	Pounds per Sq Ft (PSF)	Inches of Water	Pascals (Pa)	Inches of Mercury (Hg)
5	0.06	0.01	3.06	0.00
10	0.26	0.05	12.24	0.00
15	0.58	0.11	27.54	0.01
20	1.02	0.20	48.96	0.01
25	1.60	0.31	76.49	0.02
30	2.30	0.44	110.15	0.03
35	3.14	0.60	149.93	0.04
40	4.10	0.79	195.82	0.06
45	5.18	1.00	247.87	0.07
50	6.40	1.23	305.97	0.09
55	7.74	1.49	370.23	0.11
60	9.22	1.77	440.60	0.13
65	10.82	2.08	517.09	0.15
70	12.54	2.41	599.70	0.18
75	14.40	2.76	688.44	0.20
80	16.38	3.15	783.29	0.23
85	18.50	3.55	884.26	0.26
90	20.74	3.98	991.35	0.29
95	23.10	4.44	1104.56	0.33
100	25.60	4.92	1223.88	0.36
105	28.22	5.42	1349.33	0.40
110	30.98	5.95	1480.90	0.44
115	33.86	6.50	1618.59	0.48
120	36.86	7.08	1762.39	0.52
125	40.00	7.68	1912.32	0.57
130	43.26	8.31	2068.37	0.61
140	50.18	9.63	2398.81	0.71
150	57.60	11.06	2753.74	0.81
160	65.54	12.58	3133.15	0.93
170	73.98	14.20	3537.03	1.05
180	82.94	15.93	3965.39	1.17
190	92.42	17.74	4418.22	1.31
200	102.40	19.66	4895.54	1.45

Conversions:

PSF = 0.00256 (MPH)²

Inches of Hg = In. H₂O (0.0735539)

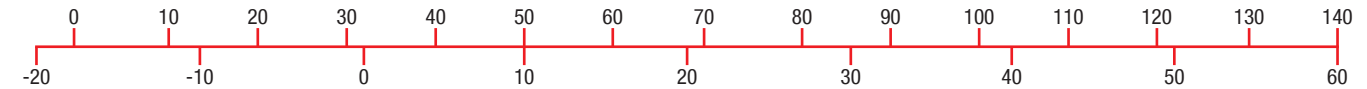
Inches of H₂O = 0.192227 (PSF)

Inches of Hg = 0.014139 (PSF)

Pascals = 249 (inches of H₂O)

PSF = 70.7262 (In. Hg)

FAHRENHEIT



CELSIUS

STANDARD WIRE GAUGE AND METRIC EQUIVALENTS

SWG	IMPERIAL mm	METRIC SHEET mm
8 swg	4.06 mm	4.0 mm
10 swg	3.25 mm	3.0 mm
12 swg	2.64 mm	2.5 mm
14 swg	2.03 mm	2.0 mm
16 swg	1.63 mm	1.5 mm
18 swg	1.22 mm	1.2 mm
20 swg	0.914 mm	0.9 mm
22 swg	0.711 mm	0.7 mm
24 swg	0.558 mm	0.6 mm
26 swg	0.46 mm	0.5 mm

SCREW SIZE EQUIVALENTS

DIAMETER		COMMON LENGTHS	CLEARANCE HOLE	PILOT HOLE
Gauge	Metric	Metric	Metric	Metric
2	2 mm	6.5 - 13 mm	2.5 mm	1.6 mm
3	2.5 mm	10 - 25 mm	3 mm	1.6 mm
4	3 mm	6.5 - 38 mm	3.5 mm	2 mm
6	3.5 mm	10 - 65 mm	4 mm	2 mm
8	4 mm	10 - 90 mm	5 mm	2.5 mm
10	5 mm	13 - 100 mm	5.75 mm	3.5 mm
12	5.5 mm	19 - 125 mm	6.5 mm	3.5 mm
14	6.5 mm	32 - 150 mm	6.5 mm	4 mm

RAL NUMBER CONVERSION CHART

RAL NUMBER	COLOUR
RAL 9010	White
RAL 9005	Black
RAL 8014	Brown
RAL 9006	Silver Grey
RAL 5013	Blue
RAL 6029	Green
RAL 3002	Red
RAL 1021	Yellow

US METAL FINISHES

REF	FINISH
US 3	Bright brass, clear coating
US 4	Satin brass, clear coating
US 10	Satin bronze, clear coating
US 10B	Satin bronze, dark oxidized and oil rubbed
US 26	Bright chromium plated
US 26D	Satin chromium plated
US 28	Satin aluminium, clear anodized
US 32	Bright stainless steel
US 32D	Satin stainless steel

TEMPERATURE - FAHRENHEIT & CELSIUS

F = C x 9/5 + 32	C = (F - 32) x 5/9
Fahrenheit	Celsius
0.00	-17.78
10.00	-12.22
20.00	-6.67
30.00	-1.11
32.00	0.00
40.00	4.44
50.00	10.00
60.00	15.56
70.00	21.11
85.00	29.44
90.00	32.22
100.00	37.78
120.00	48.89
140.00	60.00
160.00	71.11
165.00	73.89
180.00	82.22
200.00	93.33
212.00	100.00
250.00	121.00
350.00	176.00
450.00	232.00
550.00	288.00