

Temperature

English	Metric
C=(F-32)*.56	
32 F	0.0 C
34 F	1.1 C
36 F	2.2 C
38 F	3.3 C
40 F	4.4 C
42 F	5.6 C
44 F	6.7 C
46 F	7.8 C
48 F	8.9 C
50 F	10.0 C
52 F	11.1 C
54 F	12.2 C
56 F	13.3 C
58 F	14.4 C
60 F	15.6 C
62 F	16.7 C
64 F	17.8 C
66 F	18.9 C
68 F	20.0 C
70 F	21.1 C
72 F	22.2 C
74 F	23.3 C
76 F	24.4 C
78 F	25.6 C
80 F	26.7 C
82 F	27.8 C
84 F	28.9 C
86 F	30.0 C
88 F	31.1 C
90 F	32.2 C
92 F	33.3 C
94 F	34.4 C
96 F	35.6 C
98 F	36.7 C
100 F	37.8 C
102 F	38.9 C

Length

English	Metric
1 foot = .302 meters	
1 in	2.54 cm
2 in	5.08 cm
3 in	7.63 cm
4 in	10.17 cm
5 in	12.71 cm
6 in	15.25 cm
8 in	20.33 cm
10 in	25.42 cm
1 ft	0.3 m
2 ft	0.6 m
3 ft	0.9 m
4 ft	1.2 m
5 ft	1.5 m
6 ft	1.8 m
7 ft	2.1 m
8 ft	2.4 m
9 ft	2.7 m
10 ft	3.1 m
15 ft	4.6 m
20 ft	6.1 m
25 ft	7.6 m
30 ft	9.2 m
35 ft	10.7 m
40 ft	12.2 m
45 ft	13.7 m
50 ft	15.3 m
50 ft	15.3 m
100 ft	30.5 m
150 ft	45.8 m
200 ft	61.0 m
250 ft	76.3 m
300 ft	91.5 m
350 ft	106.8 m
400 ft	122.0 m
450 ft	137.3 m
500 ft	152.5 m

Bird Density

English	Metric
(ft²/bird)	(birds/m²)
0.40	26.9
0.45	23.9
0.50	21.5
0.55	19.5
0.60	17.9
0.65	16.5
0.70	15.4
0.75	14.3
0.80	13.4
0.85	12.6
0.90	11.9
0.95	11.3
1.00	10.7

Insulation Values

English	Metric
1 F²/Btus/hr	0.18 m²C/Watts
2	0.35
3	0.53
4	0.70
5	0.88
6	1.06
7	1.23
8	1.41
9	1.58
10	1.76
11	1.94
12	2.11
13	2.29
14	2.46
15	2.64
16	2.82
17	2.99
18	3.17
19	3.34
20	3.52

Flow

English	Metric	Metric
1 cfm	1.7 cmh	0.00047 cms
600	1021.4	0.28
50	85	0.02
1,200	2,043	0.57
2,200	3,745	1.0
3,200	5,448	1.5
4,200	7,150	2.0
5,200	8,852	2.5
6,200	10,555	2.9
7,200	12,257	3.4
8,200	13,959	3.9
9,200	15,662	4.4
14,200	24,173	6.7
19,200	32,685	9.1
24,200	41,197	11.4
29,200	49,709	13.8
34,200	58,221	16.2
39,200	66,732	18.5
49,200	83,756	23.3
59,200	100,780	28.0
69,200	117,803	32.7
79,200	134,827	37.5
89,200	151,850	42.2
99,200	168,874	46.9
109,200	185,897	51.6
119,200	202,921	56.4
129,200	219,945	61.1
139,200	236,968	65.8
149,200	253,992	70.6
159,200	271,015	75.3
169,200	288,039	80.0
179,200	305,062	84.7
189,200	322,086	89.5
199,200	339,110	94.2
209,200	356,133	98.9
219,200	373,157	103.7
229,200	390,180	108.4

Velocity

English	Metric	
1 ft/min	0.005 m/sec	0.018 km/hr
100	0.51	1.83
150	0.76	2.74
200	1.02	3.66
250	1.27	4.57
300	1.52	5.49
350	1.78	6.40
400	2.03	7.32
450	2.29	8.23
500	2.54	9.14
550	2.79	10.06
600	3.05	10.97
650	3.30	11.89
700	3.56	12.80
750	3.81	13.72
800	4.06	14.63
850	4.32	15.54
900	4.57	16.46
950	4.83	17.37
1000	5.08	18.29

Flow

English	Metric
1 gal/min	3.79 liters/min
2	7.58
3	11.37
4	15.16
5	18.95
6	22.74
7	26.53
8	30.32
9	34.11
10	37.9

Weight

English	Metric	English	Metric
0.25 lbs	0.11 kgs	3 lbs	1.4 kgs
0.5	0.23	3.25	1.5
0.75	0.34	3.5	1.6
1	0.45	3.75	1.7
1.25	0.57	4	1.8
1.5	0.68	4.25	1.9
1.75	0.80	4.5	2.0
2	0.91	4.75	2.2
2.25	1.02	5	2.3
2.5	1.14	5.25	2.4
2.75	1.25	5.5	2.5

Energy

English	Metric
1 Btu's/hr	0.29 Watts
5	1.465
10	2.93
100	29.3
1,000	293
10,000	2,930
100,000	29,300

Pressure

English	Metric	English	Metric
0.01 in	2.49 Pa	0.12 in	29.88 Pa
0.02	5.0	0.13	32.4
0.03	7.5	0.14	34.9
0.04	10.0	0.15	37.4
0.05	12.5	0.16	39.8
0.06	14.9	0.17	42.3
0.07	17.4	0.18	44.8
0.08	19.9	0.19	47.3
0.09	22.4	0.2	49.8
0.1	24.9	0.21	52.3
0.11	27.4	0.22	54.8
0.12	29.9	0.23	57.3
0.13	32.4	0.24	59.8
0.14	34.9	0.25	62.3
0.15	37.4	0.26	64.7
0.16	39.8	0.27	67.2
0.17	42.3	0.28	69.7