

Measure any wet bulb temperature. Select the temperature from the left column, then the tenth of a degree from the columns to the right.

This will be
pound of air

**WET BULB
TEMPER-
ATURE**

ENTHALPY CHART
WET BULB TO ENTHALPY CONVERSION
Wet bulb temperature in tenths of a degree Fahrenheit

the heat content of one
at the corresponding wet
temperature.

Comment [j1]: BTUH (sensible heat) = CFM x 1.08 x ΔT

BTUH (total heat) = CFM x 4.5 x Enthalpy Difference
CFM = FPM x (Duct Area in square feet)
CFM = Volts x AMPS X 3.413 / 1.08 x ΔT

CFM = BTU Input x %eff / 1.08 x ΔT

WET BULB TEMPER- ATURE	ENTHALPY CHART									
	WET BULB TO ENTHALPY CONVERSION									
	Wet bulb temperature in tenths of a degree Fahrenheit									
	.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9
51	20.86	20.92	20.98	21.04	21.09	21.15	21.21	21.26	21.32	21.38
52	21.44	21.49	21.55	21.60	21.66	21.72	21.78	21.83	21.89	21.95
53	22.02	22.06	22.12	22.09	22.24	22.30	22.36	22.43	22.49	22.55
54	22.62	22.68	22.74	22.80	22.86	22.92	22.98	23.04	23.11	23.16
55	23.22	23.28	23.34	23.40	23.46	23.52	23.58	23.64	23.71	23.77
56	23.84	23.90	23.96	24.03	23.09	24.15	24.21	24.28	24.34	24.40
57	24.48	24.53	24.59	24.66	24.72	24.79	24.85	24.92	24.99	25.05
58	25.12	25.18	25.25	25.32	25.38	25.45	25.51	25.58	25.65	25.71
59	25.78	25.85	25.91	25.99	26.06	26.12	26.19	26.26	26.33	26.39
60	26.46	26.53	26.60	26.67	26.74	26.81	26.88	26.94	27.01	27.08
61	27.15	27.21	27.28	27.35	27.42	27.48	27.55	27.62	27.69	27.76
62	27.85	27.92	28.00	28.07	28.14	28.21	28.29	28.36	28.43	28.50
63	28.57	28.65	28.72	28.79	28.86	28.94	29.01	29.08	29.16	29.23
64	29.31	29.38	29.45	29.53	29.60	29.68	29.76	29.83	29.91	29.98
65	30.06	30.13	30.21	30.29	30.37	30.45	30.52	30.60	30.68	30.76
66	30.83	30.92	31.00	31.07	31.15	31.23	31.31	31.39	31.47	31.54
67	31.62	31.70	31.77	31.85	31.93	32.01	32.09	32.17	32.25	32.33
68	32.42	32.51	32.59	32.67	32.76	32.84	32.92	33.01	33.09	33.17
69	33.25	33.34	33.42	33.50	33.59	33.67	33.75	33.84	33.92	34.01
70	34.09	34.17	34.26	34.34	34.43	34.51	34.60	34.69	34.77	34.86
71	34.95	35.04	35.13	35.22	35.31	35.40	35.48	35.57	35.66	35.74
72	35.83	35.92	36.01	36.10	36.19	36.27	36.37	36.46	36.55	36.65
73	36.74	36.83	36.92	37.02	37.11	37.21	37.30	37.39	37.48	37.57
74	37.66	37.76	37.85	37.94	38.04	38.14	38.23	38.33	38.43	38.52
75	38.61	38.71	38.80	38.90	39.00	39.09	39.19	39.28	39.37	39.47
76	39.57	39.67	39.77	39.87	39.97	40.07	40.17	40.27	40.37	40.47
77	40.57	40.68	40.78	40.88	40.98	41.08	41.18	41.28	41.38	41.48
78	41.58	41.69	41.79	41.89	42.00	42.10	42.20	42.31	42.41	42.52
79	42.62	42.73	42.83	42.94	43.05	43.15	43.26	43.37	43.48	43.59
80	43.69	43.81	43.91	44.02	44.13	44.24	44.36	44.46	44.57	44.68
81	44.78	44.89	45.00	45.11	45.23	45.34	45.45	45.57	45.68	45.80
82	45.90	46.02	46.13	4.24	46.35	46.47	46.58	46.69	46.71	46.82
83	47.04	47.16	47.28	47.40	47.52	47.63	47.75	47.87	48.00	48.10
84	48.22	48.34	48.46	48.58	48.70	48.82	48.94	49.06	49.19	49.31

