RELATIVE HUMIDITY, DEW-POINTS AND GRAINS OF MOISTURE PER CUBIC FOOT

Barometric Pressure—30 Inches

Dry-Bulb Temp.	Degrees Wet-Bulb Depression 25°			26°			27°			28°		
	% Rel. Hum.	Dew-Point	Grs. per Cu. Ft.	% Rel. Hum.	Dew-Point	Grs. per Cu. Ft.	% Rel. Hum.	Dew-Point	Grs. per Cu. Ft.	% Rel. Hum.	Dew-Point	Grs. per Cu. Ft.
84	19	37	2.35	16	34	1.98	14	30	1.73	12	26	1.48
85	20	39	2.55	17	36	2.17	15	32	1.91	13	28	1.66
86	21	41	2.76	18	38	2.36	16	34	2.10	14	31	1.84
87	22	43	2.98	19	40	2.57	17	36	2.30	15	33	2.03
88	22	45	3.07	20	42	2.79	18	38	2.51	15	35	2.09
89	23	46	3.30	21	44	3.02	19	41	2.73	16	37	2.30
90	24	48	3.55	22	45	3.25	19	43	2.81	17	39	2.52
92	25	51	3.92	23	49	3.61	21	46	3.30	19	43	2.98
94	27	55	4.49	24	52	3.99	22	50	3.66	20	47	3.33
96	28	58	4.94	26	55	4.58	24	53	4.23	22	51	3.88
98	29	61	5.41	27	58	5.04	25	56	4.67	23	54	4.29
100	30	63	5.93	28	61	5.54	26	59	5.14	24	57	4.74
104	33	69	7.30	31	67	6.86	29	65	6.42	27	63	5.98
108	35	74	8.65	33	72	8.16	31	71	7.66	29	69	7.17
112	36	79	9.98	35	78	9.42	33	76	8.86	31	74	8.58
116	38	84	11.78	36	83	11.16	34	81	10.56	33	79	10.25
120	40	89	13.90	38	87	13.20	36	86	12.49	34	84	11.79

Dry-Bulb Temp.	29°			30°			31°			32°		
	% Rel. Hum.	Dew-Point	Grs. per Cu. Ft.	% Rel. Hum.	Dew-Point	Grs. per Cu. Ft.	% Rel. Hum.	Dew-Point	Grs. per Cu. Ft.	% Rel. Hum.	Dew-Point	Grs. per Cu. Ft.
78	3	−9	0.31									
79	4	−1	0.42	1	−20	0.11						
80	5	6	0.55	3	−7	0.33						
81	6	10	0.68	4	0	0.45	1	−18	0.11			
82	7	14	0.81	5	7	0.58	2	−6	0.23	0		
83	8	18	0.96	6	11	0.72	3	2	0.36	2	−15	0.24
84	9	21	1.11	7	15	0.87	5	8	0.62	3	−4	0.37
85	10	24	1.27	8	19	1.02	6	12	0.77	4	3	0.51
86	11	27	1.44	9	22	1.18	7	16	0.92	5	9	0.66
87	12	29	1.62	10	25	1.35	8	20	1.08	6	13	0.81
88	13	31	1.81	11	27	1.53	9	23	1.26	7	17	0.98
89	14	34	2.01	12	30	1.72	10	26	1.44	8	21	1.15
90	15	36	2.22	13	32	1.92	11	28	1.63	9	24	1.33
92	17	40	2.67	15	37	2.35	13	33	2.04	11	29	1.73
94	18	44	2.99	16	41	2.66	14	38	2.33	12	34	2.00
96	20	48	3.53	18	45	3.17	16	42	2.82	14	39	2.47
98	21	52	3.92	19	49	3.55	17	46	3.17	15	43	2.80
100	22	55	4.35	21	52	4.15	19	50	3.76	17	47	3.36
104	25	61	5.53	23	59	5.09	21	57	4.65	20	54	4.43
108	27	67	6.67	25	65	6.18	24	63	5.93	22	61	5.44
112	29	72	8.03	27	71	7.49	26	69	7.22	24	67	6.68
116	31	78	9.61	29	76	8.99	28	74	8.68	26	73	8.06
120	33	83	11.44	31	81	10.73	29	80	10.04	28	78	9.70

MODERN ENGINEERING AND EQUIPMENT PRACTICE

AS EXEMPLIFIED IN ACTUAL CONSTRUCTION

The purpose of this section is to present some of the modern buildings installed in the United States during the past few years in order to exemplify the present methods of heating and ventilation, and the equipment used. It is hoped that this section will illustrate practical applications of the theory given in the Data Section. Those responsible for this book regret that the difficulties surrounding this, our initial issue, have unavoidably restricted the number and type of installations covered. This is due to the short time available for obtaining and compiling this information. It is hoped in future editions of THE GUIDE to amplify and greatly improve this section. In order to do this every Member of the Society must co-operate, as the Committee in charge can only compile and edit the data furnished by Members.

All Members of the Society are requested to send pictures and data covering representative buildings; so that for the 1923 Issue a large list may be available for selection. There is no charge for this Section.