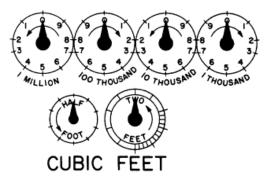
Clocking a Gas Meter

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With single firing rates and previous furnace designs, clocking meters verified a known input of cubic feet of gas to a unit. Today with varying firing rates and approximate input, clocking the gas meter is the only method to determine how many BTU's per cubic foot of gas the system is actually delivering during our Heat-Maxx or HSER Protocol Testing.

Gas meters have ½ foot dials, 1 foot dials, two foot dial and five foot dials. Using the smallest dial in residential applications is recommended. Time the dial for one revolution and then look at the chart below to determine the cubic foot of gas being delivered to the equipment during testing.



Seconds for One Revolution	Size of Test Meter Dial					Size of Test Meter Dial			
	One-Half Cu Ft	One Two Cu Ft Cu Ft Cubic Ft per Hour		Five Cu Ft	Seconds for One Revolution	One-Half Cu Ft	One Two Cu Ft Cu Ft Cubic Ft per Hour		Five Cu Ft
10	180	360	720	1,800	50	36	72	144	360
ii	164	327	655	1,636	51	35	71	141	353
12	150	300	600	1,500	52	35	69	138	346
13	138	277	555	1,385	53	34	68	136	340
14	129	257	514	1,286	54	33	67	133	333
15	120	240	480	1,200	55	33	65	131	327
16	112	225	450	1,125	56	32	64	129	321
17	106	212	424	1,059	57	32	63	126	316
18	100	200	400	1,000	58	31	62	124	310
19	95	189	379	947	59	30	61	122	305
20	90	180	360	900	60	30	60	120	300
21	86	171	343	857	62	29	58		
22	82							116	290
		164	327	818	64	29	56	112	281
23	78	157	313	783	66	29	54	109	273
24	75	150	300	750	68	28	53	106	265
25	72	144	288	720	70	26	51	103	257
26	69	138	277	692	72	25	50	100	250
27	67	133	267	667	74	24	48	97	243
28	64	129	257	643	76	24	47	95	237
29	62	124	248	621	78	23	46	92	231
30	60	120	240	600	80	22	45	90	225
31	58	116	232	581	82	22	44	88	220
32	56	113	225	563	84	21	43	86	214
33	55	109	218	545	86	21	42	84	209
34	53	106	212	529	88	20	41	82	205
35	51	103	206	514	90	20	40	80	200
36	50	100	200	500	94	19	38	76	192
37	49	97	195	486	98	18	37	74	184
38	47	95	189	474	100	18	36	72	180
39	46	92	185	462	104	17	35	69	173
40	45	90	180	450	108	17	33	67	167
41	44	88	176	440	112	16	32	64	161
42	43	86	172	430	116	15	31	62	155
43	42	84	167	420	120	15	30	60	150
44	41	82	164	410	130	14	28	55	138
45	40	80	160	400	140	13	26	51	129
46	39	78	157	391	150	12	24	48	120
47	38	77	153	383	160	11	22	45	112
48	37	75	150	375	170	11	21	42	106
49	37	73	147	367	180	10	20	40	100