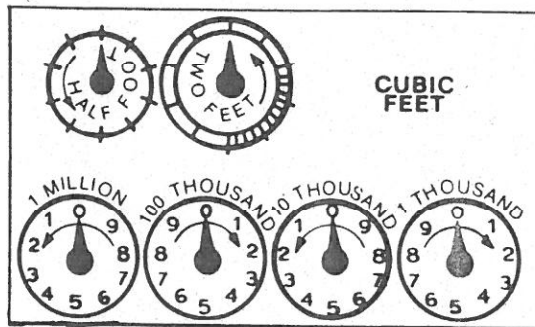


CHECK GAS INPUT



10-30-01

To measure the input using the gas meter proceed as follows:

1. Turn off gas supply to all other appliances except the furnace.
2. With the furnace operating, time the smallest dial on the meter for one complete revolution. If this is a 2 cu. ft. dial, divide the seconds by 2; if it is a 1 cu. ft. dial, use the time in seconds as is. This gives the seconds per cu. ft. of gas being delivered to the furnace.
3. Assuming natural gas with a heating value of 1000 BTU per cu. ft. and 34 seconds per cu. ft. as determined by step then:

$$\text{Input} = 1000 \times 3600 \div 34$$

$$= 10600 \text{ BTU Per Hour}$$

This measured input must not be greater than the input indicated on the rating plate of the furnace.

4. Relight all other appliances turned off in step above.

Be sure all pilot burners are operating.

METER FLOW TABLE

SECONDS FOR ONE REVOLUTION	SIZE OF TEST DIAL		
	1 CU. FT.	2 CU. FT.	3 CU. FT.
10	360	720	1800
11	327	655	1636
12	300	600	1500
13	277	555	1385
14	257	515	1286
15	240	480	1200
16	225	450	1125
17	212	424	1059
18	200	400	1000
19	189	379	974
20	180	360	947
21	171	343	857
22	164	327	818
23	157	313	788
24	150	300	750
25	144	288	720
26	138	277	692
27	133	267	667
28	129	257	643
29	124	248	621
30	120	240	600
31	116	232	581
32	113	225	563
33	109	218	545

SECONDS FOR ONE REVOLUTION	SIZE OF TEST DIAL			SECONDS FOR ONE REVOLUTION	SIZE OF TEST DIAL		SECONDS FOR ONE REVOLUTION	SIZE OF TEST DIAL	
	1 CU. FT.	2 CU. FT.	3 CU. FT.		2 CU. FT.	5 CU. FT.		2 CU. FT.	5 CU. FT.
34	106	212	529	62	116	290	110	—	164
35	103	206	514	64	112	281	112	64	161
36	100	200	500	66	109	273	116	62	155
37	97	195	486	68	106	265	120	60	150
38	95	189	479	70	103	257	125	—	144
39	92	185	462	72	100	250	130	—	138
40	90	180	450	74	97	243	135	—	132
41	—	176	439	76	95	237	140	—	129
42	86	172	429	78	92	231	145	—	124
43	—	167	419	80	90	225	150	—	120
44	82	164	409	82	88	220	155	—	116
45	80	160	400	84	86	214	160	—	113
46	78	157	391	86	84	209	165	—	109
47	—	153	383	88	82	205	170	—	106
48	75	150	375	90	80	200	175	—	103
49	—	147	367	92	78	196	180	—	100
50	72	144	360	94	—	192	—	—	—
—	—	—	—	96	75	188	—	—	—
52	69	138	346	98	—	184	—	—	—
54	67	133	333	100	72	180	—	—	—
56	64	129	321	102	—	176	—	—	—
58	62	124	310	104	69	173	—	—	—
60	60	120	300	106	—	170	—	—	—
—	—	—	—	108	67	167	—	—	—

GAS RATE—CUBIC FEET PER HOUR

Seconds for One Revolution	Size of Test Dial		Seconds for One Revolution	Size of Test Dial	
	1/2 cu. ft.	1 cu. ft.		1/2 cu. ft.	1 cu. ft.
10	180	360	35	50	103
11	164	327	36	50	100
12	150	300	37	47	97
13	138	277	38	45	95
14	129	257	39	45	92
15	120	240	40	43	90
16	113	225	41	41	86
17	106	212	42	41	82
18	100	200	43	40	80
19	95	189	44	38	78
20	90	180	45	36	75
21	86	171	46	34	72
22	82	164	47	32	69
23	78	157	48	31	67
24	75	150	49	30	64
25	72	144	50	30	62
26	69	138	51	30	60
27	67	133	52		
28	64	129	53		
29	62	124	54		
30	60	120	55		
31	56	116	56		
32	56	113	57		
33	53	109	58		
34	53	106	59		
35		103	60		

ECONOMITE— UNIPOWER

GAS RATE—CUBIC FEET PER HOUR

Seconds for One Revolution	Size of Test Dial		Seconds for One Revolution	Size of Test Dial	
	2 cu. ft.	5 cu. ft.		2 cu. ft.	5 cu. ft.
10	720	1800	55	131	327
11	655	1636	56	129	321
12	600	1500	57	126	316
13	555	1385	58	124	310
14	514	1286	59	122	305
15	480	1200	60	120	300
16	450	1125	62	116	290
17	424	1059	64	112	281
18	400	1000	66	109	273
19	379	947	68	106	265
20	360	900	70	103	257
21	343	857	72	100	250
22	327	818	74	97	243
23	313	783	76	95	237
24	300	750	78	92	231
25	288	720	80	90	225
26	277	692	82	88	220
27	267	667	84	86	214
28	257	643	86	84	209
29	248	621	88	82	205
30	240	600	90	80	200
31	232	581	92	78	196
32	225	563	94	75	192
33	218	545	96	75	188
34	212	529	98	72	184
35	206	514	100	72	180
36	200	500	102	69	176
37	195	486	104	69	173
38	189	474	106	67	170
39	185	462	108	67	167
40	180	450	110	64	164
41	176	439	112	62	161
42	172	429	116	62	155
43	167	419	120	60	150
44	164	409	125	60	144
45	160	400	130	60	138
46	157	391	135	58	132
47	153	383	140	58	129
48	150	375	145	57	124
49	147	367	150	55	120
50	144	360	155	55	116
51	141	353	160	53	113
52	138	346	165	53	109
53	136	340	170	53	106
		333			103