



DOMESTIC ORIFICE CHART

Code Gas Model	Btu/hr	kW	A	E	D	B	Inspirator
			Natural 3.5" (9mbar)	LP 10" (25mbar)	But/Prop 10" (25mbar)	Town/Mfd 3.5" (9mbar)	
101	30,000	8.8	36	51	53	20	3
104	30,000	8.8	36	51	53	20	3
104P	48,000	14	29	46	49	7	3
107L	30,000	8.8	36	51	53	20	3
151	48,000	14	29	46	49	7	3
201	40,000	11.7	30	48	51	13	3
204	40,000	11.7	30	48	51	13	3
204P	60,000	17.6	25	43	45	1	3
207L	40,000	11.7	30	48	51	13	3
251	60,000	17.6	25	43	45	1	3
301	50,000	14.6	29	45	49	5	3
304	50,000	14.6	29	45	49	5	3
304P	70,000	20.5	21	41	43	C	3
307L	50,000	14.6	29	45	49	5	3
351	70,000	20.5	21	41	43	C	3
401	60,000	17.6	25	43	45	1	4
404	60,000	17.6	25	43	45	1	4
404P	80,000	23.4	17	37	42	G	4
407L	60,000	17.6	25	43	45	1	4
451	80,000	23.4	17	37	42	G	4
3101	60,000	17.6	25	43	45	1	3
3151	70,000	20.5	21	41	43	C	3
4101	70,000	20.5	21	41	43	C	4
4151	70,000	20.5	21	41	43	C	3
D-125	125,000	36.6	3	X	X	X	4
D-125	105,000	30.8	X	32	34	X	4
DS-805	70,000	20.5	21	41	43	C	3
GS-805	60,000	17.6	25	43	45	1	3
Y-600	120,000	35.2	25	43	45	1	3
Y-800	120,000	35.2	25	43	45	1	3
FC-516	140,000	41	25 & 44	43 & 55	45 & 56	2 & 30	3
FC-616	140,000	41	25 & 44	43 & 55	45 & 56	2 & 30	3
FC-816	140,000	41	25 & 44	43 & 55	45 & 56	2 & 30	3
GP-51	40,000	11.7	31	49	50	13	3
GP-54	32,000	9.4	36	51	53	19	3
GP-61	45,000	13.2	30	48	49	9	3
GP-64	42,000	12.3	31	49	50	12	3
CO11-G	60,000	17.6	48 & 71	56 & 78	58 & 78	37 & 71	X
CSRB*	20,000	5.9	44	55	55	30	X
FLB-R*	20,000	5.9	44	55	55	30	X
CTB-R*	20,000	5.9	44	55	55	30	X
LCB-R*	20,000	5.9	44	55	55	30	X
FLB-GS*	20,000	5.9	44	55	55	30	X
CTB-GS*	20,000	5.9	44	55	55	30	X
LCB-GS*	20,000	5.9	44	55	55	30	X
XXE/CHE*	20,000	5.9	44	55	55	30	X
X-60	80,000	23.4	43	54	56	X	X
X-60B	50,000	14.6	50	57	63	X	X
GC-210	100,000	29.3	11	32	36	X	X
GC-340	110,000	32.2	8	30	34	X	X
GC-370	110,000	32.2	8	30	34	X	X

*Per Burner



EQUIVALENT ORIFICE SIZES AT HIGH ALTITUDES

(Includes 4% Input Reduction for Each 1,000 Feet)

Orifice Size at Sea Level	Orifice Size Required at Other Elevations								
	2000'	3000'	4000'	5000'	6000'	7000'	8000'	9000'	10000'
1	2	2	3	3	4	5	7	8	10
2	3	3	4	5	6	7	9	10	12
3	4	5	7	8	9	10	12	13	15
4	6	7	8	9	11	12	13	14	16
5	7	8	9	10	12	13	14	15	17
6	8	9	10	11	12	13	14	16	17
7	9	10	11	12	13	14	15	16	18
8	10	11	12	13	13	15	16	17	18
9	11	12	12	13	14	16	17	18	19
10	12	13	13	14	15	16	17	18	19
11	13	13	14	15	16	17	18	19	20
12	13	14	15	16	17	17	18	19	20
13	15	15	16	17	18	18	19	20	22
14	16	16	17	18	18	19	20	21	23
15	16	17	17	18	19	20	20	22	24
16	17	18	18	19	19	20	22	23	25
17	18	19	19	20	21	22	23	24	26
18	19	19	20	21	22	23	24	26	27
19	20	20	21	22	23	25	26	27	28
20	22	22	23	24	25	26	27	28	29
21	23	23	24	25	26	27	28	28	29
22	23	24	25	26	27	27	28	29	29
23	25	25	26	27	27	28	29	29	30
24	25	26	27	27	28	28	29	29	30
25	26	27	27	28	28	29	29	30	30
26	27	28	28	28	29	29	30	30	30
27	28	28	29	29	29	30	30	30	31
28	29	29	29	30	30	30	30	31	31
29	29	30	30	30	30	31	31	31	32
30	30	31	31	31	31	32	32	33	35
31	32	32	32	33	34	35	36	37	38
32	33	34	35	35	36	36	37	38	40
33	35	35	36	36	37	38	38	40	41
34	35	36	36	37	37	38	39	40	42
35	36	36	37	37	38	39	40	41	42
36	37	38	38	39	40	41	41	42	43
37	38	39	39	40	41	42	42	43	43
38	39	40	41	41	42	42	43	43	44
39	40	41	41	42	42	43	43	44	44
40	41	42	42	42	43	43	44	44	45

Orifice Size at Sea Level	Orifice Size Required at Other Elevations								
	2000'	3000'	4000'	5000'	6000'	7000'	8000'	9000'	10000'
41	42	42	42	43	43	44	44	45	46
42	42	43	43	43	44	44	45	46	47
43	44	44	44	45	45	46	47	47	48
44	45	45	45	46	47	47	48	48	49
45	46	47	47	47	48	48	49	49	50
46	47	47	47	48	48	49	49	50	50
47	48	48	49	49	49	50	50	51	51
48	49	49	49	50	50	50	51	51	52
49	50	50	50	51	51	51	52	52	52
50	51	51	51	51	52	52	52	53	53
51	51	52	52	52	52	53	53	53	54
52	52	53	53	53	53	53	54	54	54
53	54	54	54	54	54	54	55	55	55
54	54	55	55	55	55	55	56	56	56
55	55	55	55	56	56	56	56	56	57
56	56	56	57	57	57	58	59	59	60
57	58	59	59	60	60	61	62	63	63
58	59	60	60	61	62	62	63	63	64
59	60	61	61	62	62	63	64	64	65
60	61	61	62	63	63	64	64	65	65
61	62	62	63	63	64	65	65	66	66
62	63	63	64	64	65	65	66	66	67
63	64	64	65	65	65	66	66	67	68
64	65	65	65	66	66	66	67	67	68
65	65	66	66	66	67	67	68	68	69
66	67	67	68	68	68	69	69	69	70
67	68	68	68	69	69	69	70	70	70
68	68	69	69	69	70	70	70	71	71
69	70	70	70	70	71	71	71	72	72
70	70	71	71	71	71	72	72	73	73
71	72	72	72	73	73	73	74	74	74
72	73	73	73	73	74	74	74	74	75
73	73	74	74	74	74	75	75	75	76
74	74	75	75	75	75	76	76	76	76
75	75	76	76	76	76	77	77	77	77
76	76	76	77	77	77	77	77	77	77
77	77	77	77	78	78	78	78	78	78
78	78	78	78	79	79	79	79	80	80
79	79	80	80	80	80	0.013	0.012	0.012	0.012
80	80	0.013	0.013	0.013	0.012	0.012	0.012	0.012	0.011