

## BTU & ORIFICE SIZE GUIDE

DRILL SIZES							DRILL SIZES						
NATURAL GAS							NATURAL GAS						
L.P. GAS							L.P. GAS						
BTU INPUT	3" W.C.	3.5" W.C.	4" W.C.	4.5" W.C.	7" W.C.	11" W.C.	BTU INPUT	3" W.C.	3.5" W.C.	4" W.C.	4.5" W.C.	7" W.C.	11" W.C.
10,000	51	52	1/16	53	54	62	85,000	17	19	20	5/32	28	39
<b>12,000</b>	50	50	51	51	53	59	<b>90,000</b>	15	17	19	20	27	38
14,000	48	49	50	50	52	57	95,000	13	16	11/64	19	25	36
<b>16,000</b>	46	5/64	48	49	51	56	<b>100,000</b>	11	14	16	18	24	7/64
18,000	45	46	47	48	50	55	105,000	9	3/16	15	16	5/32	34
<b>20,000</b>	44	44	45	46	49	54	<b>110,000</b>	7	10	13	15	21	33
25,000	3/32	42	43	44	46	53	115,000	6	9	11	14	19	32
<b>30,000</b>	38	40	41	42	44	52	<b>120,000</b>	4	7	9	3/16	18	31
35,000	35	36	38	39	42	50	125,000	3	5	8	10	11/64	1/8
<b>40,000</b>	31	33	35	36	41	48	<b>130,000</b>	7/32	4	13/64	9	16	1/8
45,000	30	1/8	32	33	38	47	140,000	#1	7/32	3	6	14	30
<b>50,000</b>	29	30	1/8	31	36	46	<b>150,000</b>	15/64	#1	7/32	3	3/16	29
55,000	28	29	30	30	34	44	175,000	1/4	C	15/64	#1	6	27
<b>60,000</b>	26	28	29	30	31	44	<b>200,000</b>	H	F	1/4	C	7/32	23
65,000	24	26	28	29	1/8	43	225,000	L	J	17/64	F	A	19
<b>70,000</b>	22	24	26	28	30	42	<b>250,000</b>	N	L	K	I	C	17
75,000	20	5/32	24	26	30	3/32	275,000	O	N	M	9/32	F	14
<b>80,000</b>	18	20	22	24	29	40	<b>300,000</b>	21/64	O	N	19/64	H	10

K Factor  
.82

Calculation based on natural-1050  
BTU gas-0.65 spec. Gr./LP-2500 BTU gas-1.55 spec. Gr.  
Approximate sizes based on average data for all orifices types