

# BURNER ORIFICE GAS FLOW RATE

Natural Gas at 3.5" W.C., with 1000 BTU/Cu. Ft., .65 Sp. Gr. and .82 orifice coefficient.			Propane (LP) Gas at 11.0" W.C. with 2500 BTU/Cu. Ft., 1.53 Sp. Gr. and .80 orifice coefficient.		
DRILL SIZE	DIAMETER (INCHES)	NAT. GAS (BTU/HR.)	DRILL SIZE	DIAMETER (INCHES)	LP GAS (BTU/HR.)
56	0.0465	5,359	70	0.0280	5,490
54	0.0550	7,510	67	0.0320	7,150
52	0.0635	10,000	64	0.0360	9,050
50	0.0700	12,150	61	0.0390	10,600
46	0.0810	16,250	58	0.0420	12,300
42	0.0935	21,680	56	0.0465	15,100
38	0.1015	25,530	54	0.0550	21,200
34	0.1110	30,550	52	0.0635	28,200
31	0.1200	35,690	50	0.0700	34,200
30	0.1285	40,900	48	0.0760	40,400
26	0.1470	53,500	46	0.0810	45,800
22	0.1570	61,100	44	0.0860	51,600
18	0.1695	71,200	42	0.0935	61,100
16	0.1770	77,700	38	0.1015	72,000
12	0.1890	88,600	34	0.1110	86,200
6	0.2040	103,200	30	0.1285	115,300
2	0.2210	121,100	26	0.1470	151,000
A	0.2340	135,700	22	0.1570	172,000
E (1/4)	0.2500	154,900	18	0.1695	200,500