

Low Pressure Orifice Chart

GAS USE IN BTUS PER HOUR AGAINST A GIVEN ORIFICE SIZE (DRILL SIZE)

DRILL SIZE	Decimal Equivalent	Natural Gas		
		4" WC	7"WC	11" WC
↓	Gas Pressure→	Gas use in Btus/hr	Gas use in Btus/hr	Gas use in Btus/hr
75	0.021	1200	1600	3080
70	0.028	2125	2825	5475
65	0.035	2240	4400	8560
60	0.040	4350	5750	11175
3/64"	0.047	5975	7900	15360
55	0.052	7350	9710	18890
50	0.070	13300	17590	34250
45	0.082	18250	24150	46975
3/32"	0.094	23875	31600	61460
40	0.098	26075	34500	67095
7/64"	0.109	32490	42980	83600
35	0.110	32850	43450	84525
1/8"	0.125	42415	56100	109150
30	0.129	44820	59300	115345
9/64"	0.141	53660	71000	138090

25	0.150	60670	80260	156150
5/32"	0.156	66310	87725	170650
20	0.161	70360	93075	181075
11/64"	0.172	80200	106100	206425
15	0.180	87950	116350	226350
3/16"	0.188	95430	126250	245575
10	0.194	101630	134450	261575
13/64"	0.203	111950	148100	288000
5	0.206	114640	151640	295000
7/32"	0.219	129940	171900	334450
1	0.228	141110	186675	363150

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