

OUTDOOR FIREPLACE COLLECTION: GAS ORIFICE SIZING CHART



Gas use in BTUs per hour against a given orifice size (drill size).
Approximate sizes based on average data for all orifice types.

		NATURAL GAS UP TO 65K BTUS				
DRILL SIZE	DIA. INCHES	3.5 WC (.8718 Kpa)	4.0 WC (.9963 Kpa)	5.0 WC (1.2454 Kpa)	6.0 WC (1.4945 Kpa)	7.0 WC (1.7436 Kpa)
29	0.136	46,961	50,204	56,129	61,487	66,413
28	0.1405	50,120	53,581	59,905	65,623	
9/64	0.1406	50,192	53,657	59,991	65,716	
27	0.144	52,649	56,284	62,927		
26	0.147	54,865	58,653	65,576		
25	0.1495	56,747	60,665			
24	0.152	58,661	62,711			
23	0.154	60,215	64,372			
22	0.157	62,584	66,905			
21	0.159	64,188				
20	0.161	65,813				

		NATURAL GAS UP TO 90K BTUS				
DRILL SIZE	DIA. INCHES	3.5 WC (.8718 Kpa)	4.0 WC (.9963 Kpa)	5.0 WC (1.2454 Kpa)	6.0 WC (1.4945 Kpa)	7.0 WC (1.7436 Kpa)
25	0.1495	62,397	66,706	74,579	81,697	88,243
24	0.152	64,502	58,955	77,094	84,453	91,219
23	0.154	66,210	70,782	73,136	86,690	
22	0.157	68,815	73,566	82,250	90,100	
20	0.161	72,366	77,363	86,494		
19	0.166	76,931	82,243	91,950		
18	0.1695	80,209	85,747			
17	0.173	83,556	89,325			
16	0.177	87,464				
15	0.18	90,454				