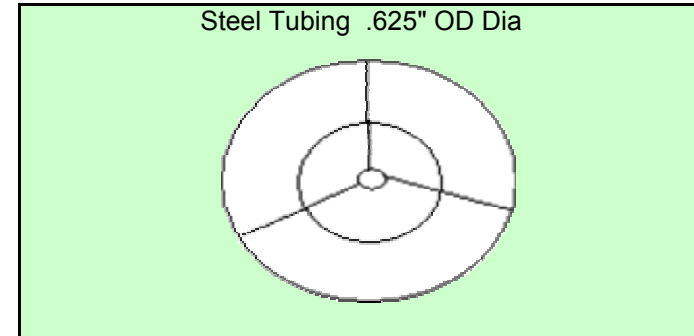


36" Diameter Fire Rings - Hole to Pipe Ratios & BTU Ratings

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Gas	Gas Constant, #f Ft/(#m R)	STD density, #m/cu ft	Orifice constant, estimated	Inlet Pressure, inches of H2O	Temp, F	Mass flow, #m/sec	Estimated Heat Flux, BTU/sec	Estimated Heat Flux, BTU/min	Estimated Heat Flux, BTU/hr
Methane	96.21	0.0419	0.5	1.00	70	0.0008	19.25	1,155	69,296
			0.5	2.00	70	0.0011	27.22	1,633	97,999
			0.5	3.00	70	0.0013	33.34	2,000	120,024
			0.5	3.00	70	0.0013	33.34	2,000	120,024
Propane	35.04	0.1140	0.5	1.00	70	0.0013	11.72	703	42,203
			0.5	2.00	70	0.0018	16.58	995	59,684
			0.5	3.00	70	0.0022	20.30	1,218	73,098
			0.5	4.00	70	0.0025	23.45	1,407	84,406