

# Gas Pipe Sizing for Iron Pipe

This chart will give you the cubic feet of gas required. Use the formula below to get the proper sizing from chart.

*Note: If using Trac Pipe use their specifier for sizing. (Located on APR/Citrix Desktop)*

## Cubic Feet of Gas Required =

Gas Input of Unit (BTU/HR) / 1000 BTU/HR (Heating Value of Natural Gas)

### **Example:**

Assume 60,000btu furnace and we have to go 40 feet.

Take 60,000 / 1000 = 60 cubic ft of gas required; therefore 1/2 inch pipe will make it. (See 63 in red on the chart)

Pipe Size	Length of Pipe in Feet							
	10 ft.	20 ft.	30 ft.	40 ft.	50 ft.	60 ft.	70 ft.	80 ft.
1/2	132	92	73	63	56	50	46	43
3/4	278	190	152	130	115	105	96	90
1	520	350	285	245	215	195	180	170
1 1/4	1050	730	590	500	440	400	370	350
1 1/2	1600	1100	890	760	670	610	560	530