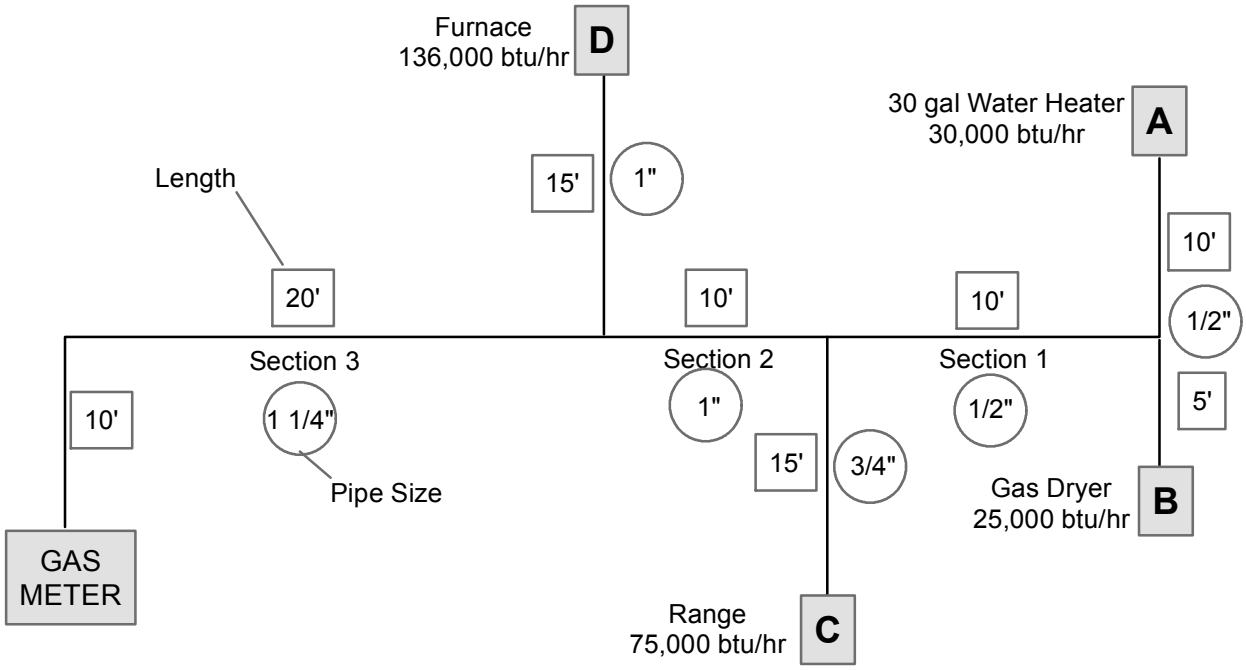
Example Gas Line Schematic



SOLUTION AND EXAMPLE: (Rated input/908 BTU=CFH)

"A"- 30,000/908=33 Cubic Feet per Hour (CFH)
"B"- 25,000/908=28 CFH
"C"- 75,000/908=83 CFH
"D"- 136,000/908=150 CFH
Total Demand=294 CFH

LONGEST LENGTH/RUN

Meter to Water Heater is 60 feet.
Using tables IV, V or VI in Dominion's "Good Practices for Gas Piping" manual, pages 41-45, you can find out what the size of your pipes should be. (If your exact length or CFH is not listed always round up.) You can find the manual on line at:
http://co.uintah.ut.us/document_center/CommunityDevelopment/Good_Practices_for_Gas_Piping___Appliance_Installations.pdf

SOLUTION

Example Line From Table

Pipe Size (inches)

		1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	3	4	6
Longest Run	60'	66 CFH	138	260	530	810	1,520	2,400	4,300	8,800	28,400