

# 2012 International Fuel Gas Code Errata

(Portions of text and tables not shown are unaffected by the errata)

1<sup>st</sup> PRINTING (Posted: 02-27-13)

## APPENDIX A SIZING AND CAPACITIES OF GAS PIPING (IFGS)

**A.2.1 General.** The quantity of gas to be provided at each *outlet* should be determined, whenever possible, directly from the manufacturer's gas input Btu/h rating of the *appliance* that will be installed, adjusted for altitude where appropriate. In the case where the ratings of the appliances to be installed are not known, Table 402.2 shows the approximate consumption (in Btu per hour) of certain types of typical household appliances.

To obtain the cubic feet per hour of gas required, divide the total Btu/h input of all appliances by the average Btu heating value per cubic feet of the gas. The average Btu per cubic feet of the gas in the area of the installation can be obtained from the serving gas supplier.

**A.2.2 Low pressure natural gas tables.** Capacities for gas at low pressure [less than 2.0 psig (13.8 kPa gauge)] in cubic feet per hour of 0.60 specific gravity gas for different sizes and lengths are shown in Tables 402.4(1) ~~and~~ through ~~402.4(2) 402.4(4)~~ for iron pipe or equivalent rigid pipe; in Tables 402.4(8) through 402.4(11) for smooth wall semirigid tubing; and in Tables 402.4(15) through 402.4(17) for corrugated stainless steel tubing. Tables 402.4(1) and ~~402.4(6) 402.4(8)~~ are based upon a pressure drop of 0.3-inch w.c. (75 Pa), whereas Tables 402.4(2), 402.4(9) and 402.4(15) are based upon a pressure drop of 0.5-inch w.c. (125 Pa). Tables 402.4(3), 402.4(4), 402.4(10), 402.4(11), 402.4(16) and 402.4(17) are special low-pressure applications based upon pressure drops greater than 0.5-inch w.c. (125 Pa). In using these tables, an allowance (in equivalent length of pipe) should be considered for any *piping* run with four or more fittings (see Table A.2.2).

**A.6 Use of sizing charts.** *(Delete section and Figures in their entirety)*

**A.7** *(Entire section and Figures renumbered as A.6)*