CHART #19

GAS PIPING CHART
GAS PIPING FOR FUEL

Fuel gas maximum cubic feet per hour per a given iron pipe size and a given length in feet. Based on natural g
with a specific gravity of 0.65 and a pressure drop of o.5 inch of water column.

| Length in Feet | Nominal Iron Pipe Size, Inches | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | 1/2 | 3/4 | 1 | 1 1/4 | 1 1/2 | 2 | 2 1/2 | 3 | 3 1/2 | 4 |
| 10 | 170 | 360 | 670 | 1,320 | 1,990 | 3,880 | 6,200 | 10,900 | 16,000 | 22,500 |
| 20 | 118 | 245 | 430 | 930 | 1,370 | 2,680 | 4,120 | 7,500 | 11,000 | 15,500 |
| 30 | 95 | 198 | 370 | 740 | 1,100 | 2,150 | 3,420 | 6,000 | 8,900 | 12,400 |
| 40 | 80 | 169 | 318 | 640 | 950 | 1,840 | 2,950 | 5,150 | 7,600 | 10,600 |
| 50 | 71 | 150 | 282 | 565 | 830 | 1,610 | 2,600 | 4,600 | 6,750 | 9,300 |
| 60 | 64 | 135 | 255 | 510 | 760 | 1,480 | 2,360 | 4,150 | 6,200 | 8,500 |
| 70 | 60 | 123 | 235 | 470 | 700 | 1,350 | 2,180 | 3,820 | 5,650 | 7,900 |
| 80 | 55 | 115 | 220 | 440 | 650 | 1,250 | 2,000 | 3,550 | 5,250 | 7,300 |
| 90 | 52 | 108 | 205 | 410 | 610 | 1,180 | 1,900 | 3,300 | 4,950 | 6,800 |
| 100 | 49 | 102 | 192 | 390 | 570 | 1,100 | 1,800 | 3,120 | 4,650 | 6,400 |
| 125 | 44 | 92 | 172 | 345 | 510 | 1,000 | 1,600 | 2,810 | 4,150 | 5,700 |
| 150 | 40 | 83 | 158 | 315 | 460 | 910 | 1,450 | 2,550 | 3,800 | 5,200 |
| 200 | 34 | 71 | 132 | 270 | 400 | 780 | 1,230 | 2,180 | 3,200 | 4,400 |
| 250 | 30 | 63 | 118 | 238 | 350 | 690 | 1,100 | 1,930 | 2,860 | 3,950 |
| 300 | 27 | 57 | 108 | 215 | 320 | 625 | 1,000 | 1,750 | 2,600 | 3,600 |
| 350 | 25 | 52 | 100 | 200 | 295 | 570 | 920 | 1,600 | 2,400 | 3,250 |
| 400 | 23 | 48 | 92 | 185 | 275 | 535 | 850 | 1,500 | 2,200 | 3,050 |
| 450 | 22 | 45 | 86 | 172 | 255 | 500 | 800 | 1,400 | 2,100 | 2,850 |
| 500 | 21 | 43 | 81 | 162 | 240 | 470 | 760 | 1,320 | 2,000 | 2,700 |
| 550 | 20 | 41 | 77 | 155 | 230 | 450 | 720 | 1,250 | 1,900 | 2,570 |
| 600 | 19 | 39 | 74 | 150 | 220 | 430 | 690 | 1,200 | 1,800 | 2,450 |