## Flow chart for Type "K" copper tubing

Auxillary scale by inside diameters for use with other pipes of extremely smooth interiors.


Example 1. Type "K" copper nominal size. The dotted lines above show that for 3/4" Type "K" copper pipe, a flow of 6.5 " gallons per minute produces a friction loss of 6.7 p.s.i. per 100 feet of pipe length at an average velocity of 4.8 feet per second.

$$
\begin{aligned}
\mathrm{P}= & \begin{array}{l}
\text { Friction loss in pounds per } \\
\\
\text { square inch } 100 \mathrm{ft} \text {. of pipe } \\
\\
\text { length. }
\end{array} \\
\mathrm{Q}= & \text { Flow in gallons per minute. } \\
\mathrm{d}= & \text { Pipe I.D. in inches. }
\end{aligned}
$$

Example 2. Smooth pipe not Type "K" copper sizes. The dotted lines in the upper left hand corner show that for a 3" I.D. smooth pipe, a flow of 55 G.P.M. produces a friction loss of 0.36 p.s.i. per 100 feet of pipe length at an average velocity of 2.5 feet per second.

