

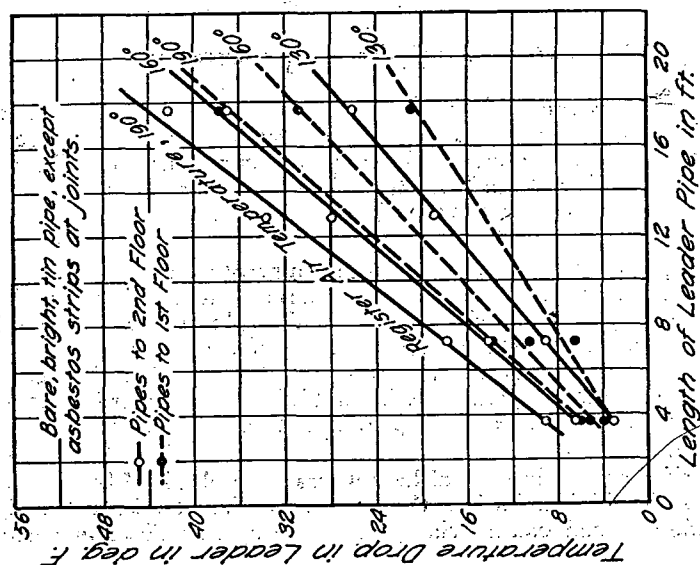


FIG. 2. INFLUENCE OF LEADER PIPE LENGTH ON TEMPERATURE LOSS OF AIR FLOWING THROUGH PIPE.

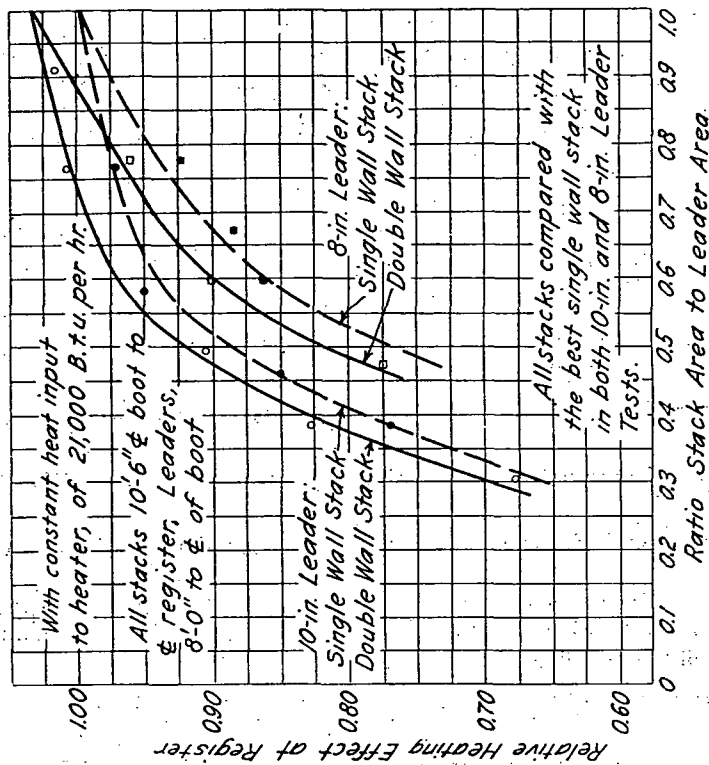


FIG. 3. RELATIVE HEATING EFFECT OF STACKS AT CONSTANT HEAT INPUT TO FURNACE.

Note.—Pipe bare, bright tin except asbestos strips for joints.

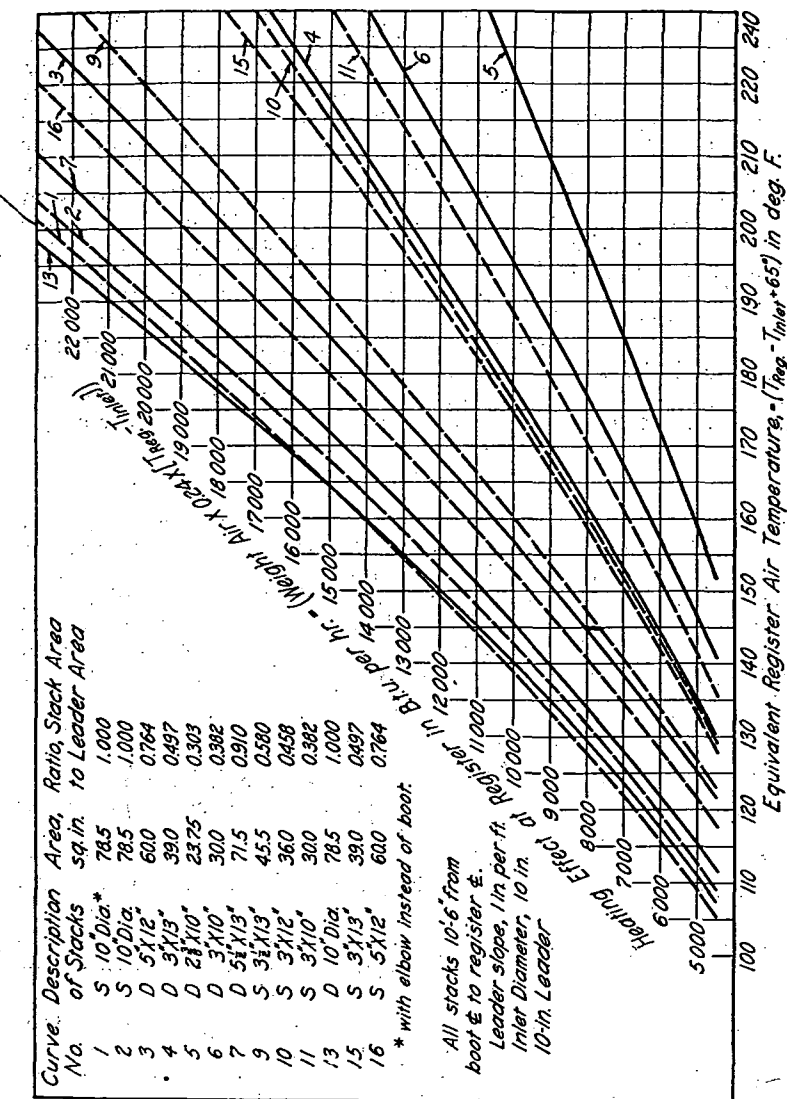


FIG. 4. HEATING EFFECT AT REGISTERS FOR VARIOUS STACKS WITH 10-INCH LEADER

in whole inches. The tops of leaders should be at the same elevation as they leave the furnace bonnet, and from this point there should be a

uniform up-grade of 1 in. per foot of run in all cases. Leaders over 12 ft in length are to be avoided or should receive very special attention.