

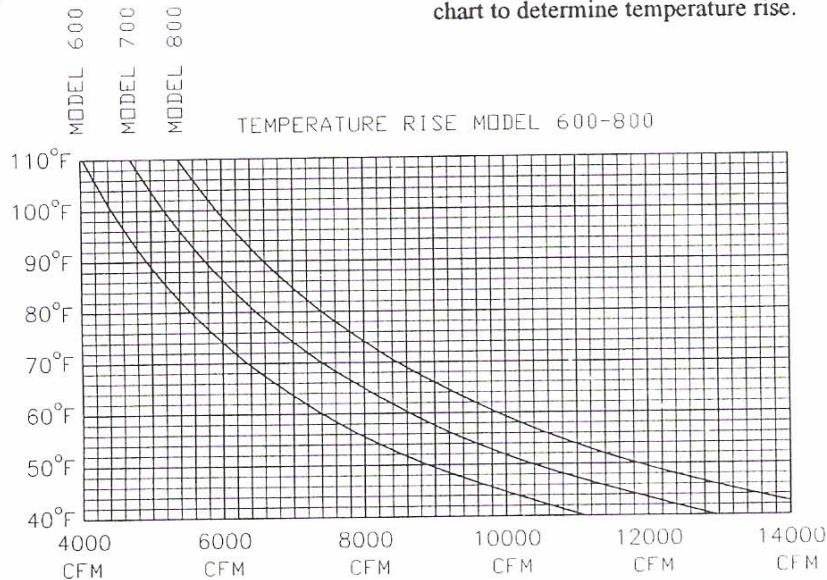
Curves For Pressure Drop and Temperature Rise Through Duct Furnace - Based on CFM Throughput

Determine the output in BTU/HR and CFM (air flow) required for the installation.

When the CFM and size of furnace are determined the following steps should be used for temperature rise and pressure drop.

Temperature Rise

1. Locate the desired CFM thru furnace on the chart.
2. Follow the CFM vertically downward until the line intersects the temperature rise curve of the furnace for the installation.
3. Follow the line horizontally to the left side of chart to determine temperature rise.



Pressure Drop

1. Locate the desired CFM thru furnace on the chart.
2. Follow the CFM vertically upward until the line intersects the pressure drop curve of the furnace sized for the installation.
3. Follow the line horizontally to the left side of chart to determine pressure drop.

