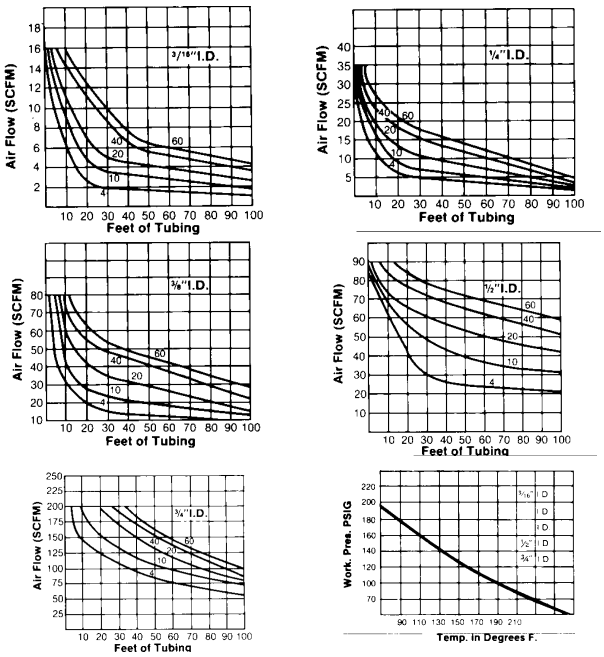
# Size Selection Procedure

Proper size selection is extremely important in choosing any air hose in order to prevent "starvation" of the air tool, and to insure maximum torque and tool speed. Starved tools don't produce!

Steps in size selection:

1. Determine air flow rate and pressure required by following air-tool manufacturers recommendations.
2. Refer to "Air Flow Characteristics" Graphs, shown at right. Find air flow requirement in standard cubic feet per minute (SCFM) on vertical line to left of graph. Now follow horizontal line on same graph to determine total extended length of hose required. Follow vertical line above hose length to intersection with the horizontal air flow SCFM line.
3. Note pressure drop above curve nearest to intersection of SCFM and hose length lines. Pressure drop, subtracted from line pressure, equals "available pressure" at the selected SCFM flow rate and hose length.
4. If "available pressure" is below the tool manufacturers' recommendations, refer to chart for successively larger hose sizes until an acceptable "available pressure" is found. Choose this size Fast-Stor® Air Hose for your application.
5. Refer to "working pressure vs. temperature" chart to be sure your application falls within the working range of Fast-Stor® Air Hose.




# Typical Fast-Stor® Installation

**Air Line Lubricator and/or Reel Type Tool Balancer may be attached to Trolley if desired (optional).**