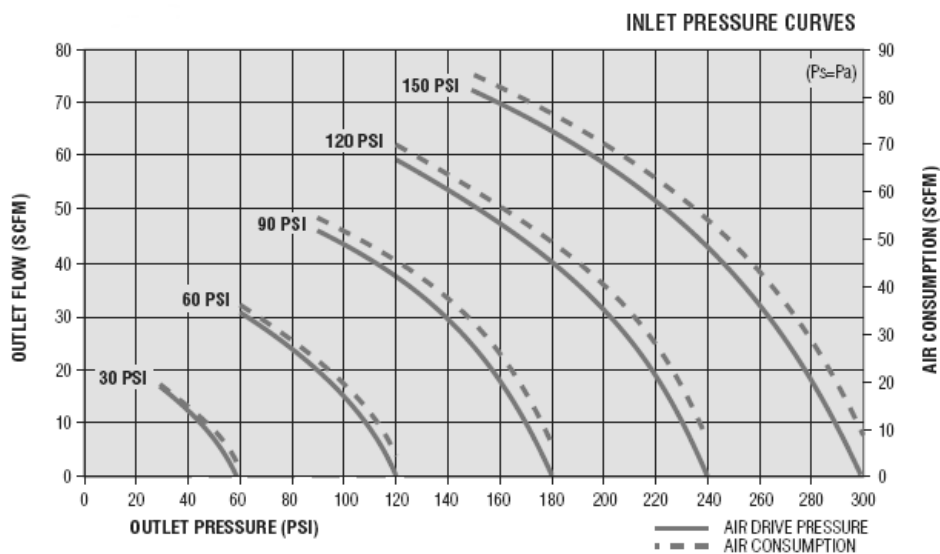


AirBooster

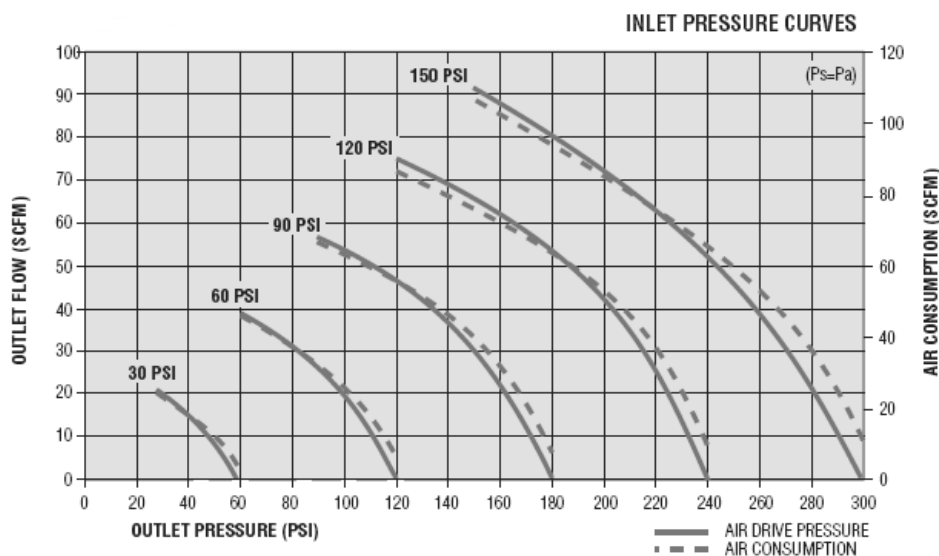
SINGLE STAGE - DOUBLE ACTING

How to use the curves

To find output flow rate from graphs below, locate desired outlet pressure on bottom axis. Move vertically from that point until you intersect the solid curve for the inlet air pressure you have available. At this point, move horizontally to the left axis. That point is the value of the outlet flow rate. To obtain the air consumption value to drive the amplifier, move vertically up from the desired outlet pressure until you intersect the dashed curve for the inlet air pressure available. From this point move horizontally to the right axis. That point is the air consumed. The total air flow required to the amplifier is the sum of the outlet flow plus the air drive flow.



IMP64



IMP94