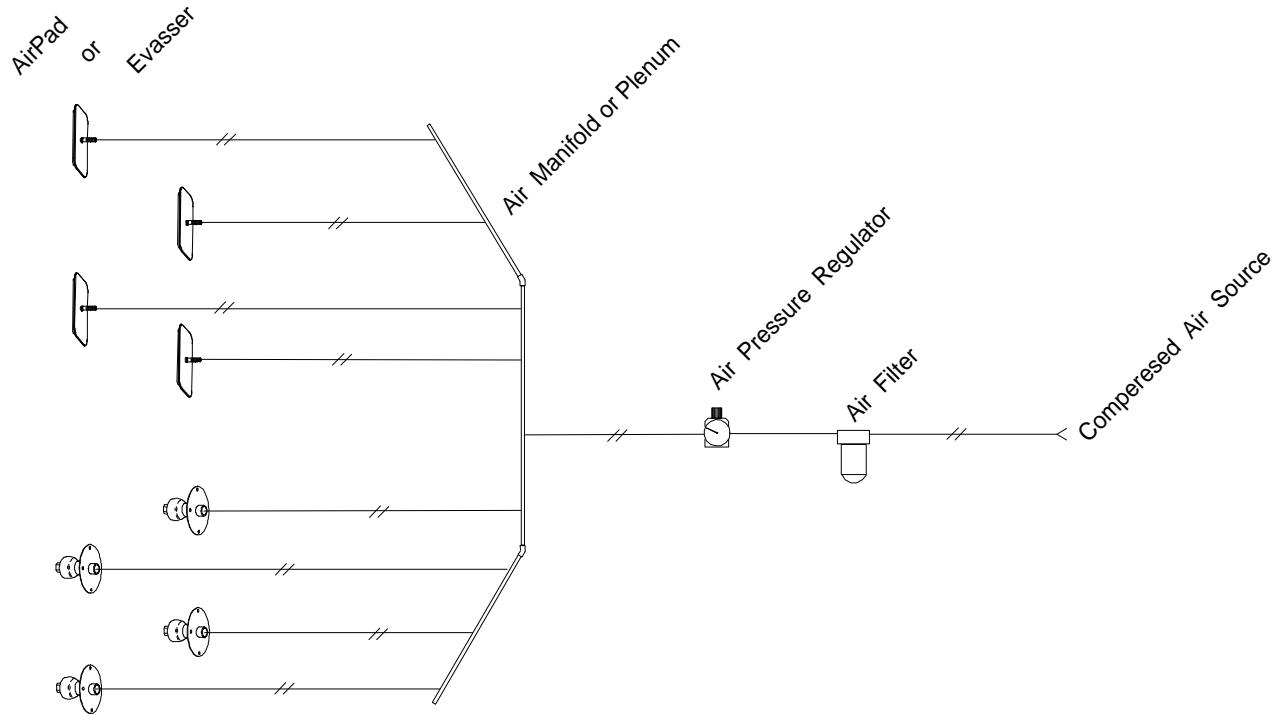


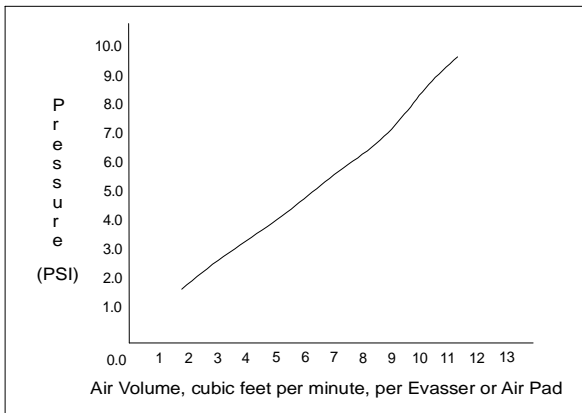
Frequently Asked Questions

Sensor: Bin Aerator; Evasser or Air Pad
 Subject: Compressed Air Requirements

Often an Air Pad or Evasser application involves the installation of multiple units. To adequately supply feed air to multiple aeration units attention must be paid to the air distribution system. This document provide a concept sketch of a distribution system and air capacity tables to assist in planning and design.



Typical Distribution System



Air Consumption Profile Typical to:
 - Evasser w/boot
 - Air Pad w/ either cotton or f.g. fabric

		Air Volume, cubic feet per minute								
		25	50	75	100	125	150	175	200	
Air Pressure, pounds per square foot (psi)	2	3/4	1.0	1.0	1-1/4	1-1/4	1-1/2	1-1/2	1-1/2	Air Manifold Plenum Diameter (inches), Typical
	4	3/4	1.0	1.0	1.0	1-1/4	1-1/4	1-1/2	1-1/2	
	6	3/4	1.0	1.0	1.0	1.0	1-1/4	1-1/4	1-1/2	
	8	3/4	3/4	1.0	1.0	1.0	1.0	1-1/4	1-1/4	
	10	3/4	3/4	1.0	1.0	1.0	1.0	1.0	1-1/4	
	12	3/4	3/4	3/4	1.0	1.0	1.0	1.0	1.0	

Air Manifold Sizing Chart