



Pipe Size Recommended for Compressed Air at 80-125 PSI

Cubic Feet Transmitted	Length of Run in Feet				
	50-200	200-500	500-1000	1000-2500	2500-3000
PIPE SIZE IN INCHES					
30-60	1	1	1-1/4	1-1/2	1-1/2
60-100	1	1-1/4	2-1/4	1-1/2	1-1/2
100-200	1-1/4	1-1/2	2	2-1/2	2-1/2
200-500	2	2-1/2	3	3-1/2	3-1/2
500-1000	2-1/2	3	3-1/2	4	4-1/2
1000-2000	2-1/2	4	4-1/2	5	5
2000-4000	3-1/2	5	6	8	8
4000-8000	6	8	8	10	10

Avoid costly pressure drop by selecting the correct size pipe. The compressor's operating pressure is usually increased to overcome pressure drop. Every 2 psi increase in pressure increases the electrical operating cost of the compressor equipment by 1%.