

## Frictional Losses for Air as a Function of Flow and Pipe Size (expressed in PSI per 100' of pipe)

SCHEDULE 40 PIPE															
NOMINAL DIAMETER (INCHES)															
INSIDE DIAMETER (INCHES)															
		1/4	3/8	1/2	3/4	1	1-1/4	1-1/2	2	3	4	6			
		0.25	0.49	0.62	0.80	1.03	1.36	1.59	2.05	3.04	4.00	6.03			
CFM	0.25	0.30												7	LPM
	0.50	0.90	0.02	0.01										14	
	1.0		0.12	0.04										28	
	2.0		0.45	0.14										57	
	3.0		1.05	0.27	0.08									85	
	4.0		1.89	0.44	0.13									113	
	5.0		2.86	0.69	0.18	0.06								142	
	10.0			2.42	0.61	0.19	0.05							283	
	15.0				1.15	0.40	0.11	0.05						425	
	20.0					0.69	0.18	0.08						566	
	30.0					1.41	0.36	0.17	0.05					850	
	50.0						0.90	0.43	0.13	0.02				1416	
	75.0							0.90	0.27	0.04				2124	
	100.0							1.55	0.47	0.06	0.02			2832	
	125.0							1.98	0.69	0.10	0.03			3540	
	150.0								0.94	0.14	0.04			4248	
200.0								1.62	0.23	0.06	0.01		5663		
250.0								2.45	0.34	0.09	0.01		7079		