

ENGINEERING DATA



CHLORINE VACUUM LINE SIZE REQUIREMENTS

MAXIMUM GAS FEED RATE	VACUUM LINE LENGTH									
	15m	30m	60m	100m	200m	300m	400m	500m	700m	900m
	50'	100'	200'	330'	660'	990'	1310'	1650'	2300'	2950'
1000 g/h	d8/d10	d8/d10	d8/d10	d8/d10	d8/d10	d8/d10	d12/d16	d12/d16	d12/d16	d20
50 ppd	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"	5/8"	5/8"	5/8"	3/4"
2000 g/h	d8/d10	d8/d10	d8/d10	d12/d16	d12/d16	d20	d20	d20	d20	d20
100 ppd	3/8"	3/8"	3/8"	5/8"	5/8"	3/4"	3/4"	3/4"	3/4"	3/4"
4000 g/h	d8/d10	d8/d10	d12/d16	d20	d20	d25	d25	d25	d25	d25
200 ppd	3/8"	3/8"	5/8"	3/4"	3/4"	1"	1"	1"	1"	1"
10 kg/h	d12/d16	d20	d25	d25	d32	d32	d32	d40	d40	d40
500 ppd	5/8"	3/4"	1"	1"	1 1/4"	1 1/4"	1 1/4"	1 1/2"	1 1/2"	1 1/2"
15 kg/h	d12/d16	d20	d25	d32	d40	d40	d40	d50	d50	d50
800 ppd	5/8"	3/4"	1"	1 1/4"	1 1/2"	1 1/2"	1 1/2"	2"	2"	2"
20 kg/h	d20	d25	d32	d40	d50	d50	d50	d50	d50	d50
1000 ppd	3/4"	1"	1 1/4"	1 1/2"	2"	2"	2"	2"	2"	2"
40 kg/h	d25	d32	d40	d50	d50	d50	d50	d50	d50	
2000 ppd	1"	1 1/4"	1 1/2"	2"	2"	2"	2"	2"	2"	
60 kg/h	d50	d50	d50	d50						
ppd	2"	2"	2"	2"						
80 kg/h	d50	d50	d50	d50						
4000 ppd	2"	2"	2"	2"						
120 kg/h	d50	d50	d50	d50						
6000 ppd	2"	2"	2"	2"						
160 kg/h	d50	d50								
8500 ppd	2"	2"								
200 kg/h	d50	d50								
10000 ppd	2"	2"								

The data presented here is based upon calculations such that total system friction loss in piping does not exceed 5 inches water column. On automatic systems it is always recommended that the control valve is as close as possible to ejector, which is also as close as possible to the point of application.