

Pipe Size Design Guidelines for Snowmaking Systems

<u>Nominal Diameter</u>		Water Flowrate in GPM			Air Flowrate in CFM		
		<u>7 ft/sec</u>	<u>10 ft/sec</u>	<u>15 ft/sec</u>	<u>(0.1 psi/100')</u>	<u>(0.2 psi/100')</u>	<u>(0.5 psi/100')</u>
(Inches)	(mm)						
2	50	75	100	160		175	300
2-1/2	63	100	150	225		280	450
3	75	160	220	330	350	500	800
4	100	280	400	600	700	1,000	1,600
6	150	625	900	1,350	2,000	3,000	
8	200	1,100	1,600	2,350	4,000	6,000	
10	250	1,700	2,400	3,700	8,000	11,000	
12	300	2,400	3,500	5,200	12,000	17,000	
14	350	2,800	4,200	6,300	16,000		
16	400	3,700	5,500	8,500	22,000		
18	450	4,800	7,000	10,500	30,000		
20	500	6,200	8,500		38,000		
24	600	8,500	12,500				