



Pipe Selection Guide



AIRnet Stainless Steel Water Application

Flow		Length										
Q [l/min]	Q [m³/h]	25 m	50 m	100 m	150 m	200 m	250 m	300 m	400 m	500 m	1000 m	2000 m
1	0,06	15	15	15	15	15	15	15	15	15	15	15
10	0,6	22	22	22	22	22	22	22	22	22	28	28
20	1,2	28	28	28	28	28	28	28	28	28	35	35
30	1,8	28	28	28	28	28	28	28	35	35	35	42
40	2,4	35	35	35	35	35	35	35	35	35	42	42
50	3	42	42	42	42	42	42	42	42	42	42	54
60	3,6	42	42	42	42	42	42	42	42	42	54	54
70	4,2	42	42	42	42	42	42	42	42	42	54	54
80	4,8	54	54	54	54	54	54	54	54	54	54	54
90	5,4	54	54	54	54	54	54	54	54	54	54	76
100	6	54	54	54	54	54	54	54	54	54	54	76
110	6,6	54	54	54	54	54	54	54	54	54	54	76
120	7,2	54	54	54	54	54	54	54	54	54	54	76
130	7,8	76	76	76	76	76	76	76	76	76	76	76
140	8,4	76	76	76	76	76	76	76	76	76	76	76
150	9	76	76	76	76	76	76	76	76	76	76	76
160	9,6	76	76	76	76	76	76	76	76	76	76	76
170	10,2	76	76	76	76	76	76	76	76	76	76	76
180	10,8	76	76	76	76	76	76	76	76	76	76	76
190	11,4	76	76	76	76	76	76	76	76	76	76	76
200	12	76	76	76	76	76	76	76	76	76	76	76
210	12,6	76	76	76	76	76	76	76	76	76	76	76
220	13,2	76	76	76	76	76	76	76	76	76	76	76
250	15	89	89	89	89	89	89	89	89	89	89	89
300	18	89	89	89	89	89	89	89	89	89	89	89
350	21	108	108	108	108	108	108	108	108	108	108	108
400	24	108	108	108	108	108	108	108	108	108	108	108
450	27	108	108	108	108	108	108	108	108	108	108	108
500	30	108	108	108	108	108	108	108	108	108	108	108
550	33	108	108	108	108	108	108	108	108	108	108	108
600	36	108	108	108	108	108	108	108	108	108	108	108
650	39	108	108	108	108	108	108	108	108	108	108	
700	42	108	108	108	108	108	108	108	108	108	108	
750	45	108	108	108	108	108	108	108	108	108	108	
800	48	108	108	108	108	108	108	108	108	108	108	
850	51	108	108	108	108	108	108	108	108	108	108	
900	54	108	108	108	108	108	108	108	108	108	108	
950	57	108	108	108	108	108	108	108	108	108	108	
1000	60	108	108	108	108	108	108	108	108	108	108	
1300	78	108	108	108	108	108	108	108	108	108	108	
1600	96	108	108	108	108	108	108	108	108	108	108	
1900	114	108	108	108	108	108	108	108	108	108	108	
2200	132	108	108	108	108	108	108	108	108	108	108	
2500	150	108	108	108	108	108	108	108	108	108	108	

Recommended pipe diameters are based on a closed-loop system with water temperatures ranging from -20°C to 80°C and pressure values between 1 and 8 bar. These conditions are designed to maintain performance with a maximum pressure drop of 5%.

If no diameter is mentioned at the desired flow and length, it means that a bigger diameter than D108 is required.

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Q [l/min]	Q [m³/h]	25 m	50 m	100 m	150 m	200 m	250 m	300 m	400 m	500 m	1000 m	2000 m
1	0,06	15	15	15	15	15	15	15	15	15	15	15
10	0,6	15	15	22	22	22	22	22	22	22	28	28
20	1,2	22	22	22	22	28	28	28	28	28	35	35
30	1,8	22	22	28	28	28	28	28	35	35	35	42
40	2,4	28	28	28	28	35	35	35	35	35	42	42
50	3	28	28	28	35	35	35	35	35	42	42	54
60	3,6	28	28	35	35	35	35	35	42	42	54	54
70	4,2	35	35	35	35	35	42	42	42	42	54	54
80	4,8	35	35	35	35	42	42	42	42	42	54	54
90	5,4	35	35	35	42	42	42	42	42	54	54	76
100	6	42	42	42	42	42	42	42	54	54	54	76
110	6,6	42	42	42	42	42	42	54	54	54	54	76
120	7,2	42	42	42	42	42	54	54	54	54	54	76
130	7,8	42	42	42	42	54	54	54	54	54	76	76
140	8,4	42	42	42	42	54	54	54	54	54	76	76
150	9	54	54	54	54	54	54	54	54	54	76	76
160	9,6	54	54	54	54	54	54	54	54	54	76	76
170	10,2	54	54	54	54	54	54	54	54	54	76	76
180	10,8	54	54	54	54	54	54	54	54	76	76	76
190	11,4	54	54	54	54	54	54	54	54	76	76	76
200	12	54	54	54	54	54	54	54	76	76	76	76
210	12,6	54	54	54	54	54	54	54	76	76	76	76
220	13,2	54	54	54	54	54	54	54	76	76	76	76
250	15	76	76	76	76	76	76	76	76	76	76	89
300	18	76	76	76	76	76	76	76	76	76	76	89
350	21	76	76	76	76	76	76	76	76	76	89	108
400	24	76	76	76	76	76	76	76	76	76	89	108
450	27	76	76	76	76	76	76	76	76	89	89	108
500	30	89	89	89	89	89	89	89	89	89	108	108
550	33	89	89	89	89	89	89	89	89	89	108	108
600	36	89	89	89	89	89	89	89	89	89	108	
650	39	89	89	89	89	89	89	89	89	89	108	
700	42	108	108	108	108	108	108	108	108	108	108	
750	45	108	108	108	108	108	108	108	108	108	108	
800	48	108	108	108	108	108	108	108	108	108	108	
850	51	108	108	108	108	108	108	108	108	108	108	
900	54	108	108	108	108	108	108	108	108	108	108	
950	57	108	108	108	108	108	108	108	108	108	108	
1000	60	108	108	108	108	108	108	108	108	108	108	
1300	78	108	108	108	108	108	108	108	108	108	108	
1600	96	108	108	108	108	108	108	108	108	108	108	
1900	114	108	108	108	108	108	108	108	108	108	108	
2200	132	108	108	108	108	108	108	108	108	108	108	
2500	150	108	108	108	108	108	108	108	108	108	108	

Recommended pipe diameters are based on a closed-loop system with water temperatures ranging from -20°C to 80°C and pressure values between 1 and 8 bar. These conditions are designed to maintain performance with a maximum pressure drop of 5%.

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Flow		Length										
Q [l/min]	Q [m³/h]	25 m	50 m	100 m	150 m	200 m	250 m	300 m	400 m	500 m	1000 m	2000 m
1	0,06	15	15	15	15	15	15	15	15	15	15	15
10	0,6	15	15	22	22	22	22	22	22	22	28	28
20	1,2	22	22	22	22	28	28	28	28	28	35	35
30	1,8	22	22	28	28	28	28	28	35	35	35	42
40	2,4	22	28	28	28	35	35	35	35	35	42	42
50	3	22	28	28	35	35	35	35	35	42	42	54
60	3,6	28	28	35	35	35	35	42	42	42	54	54
70	4,2	28	28	35	35	35	42	42	42	42	54	54
80	4,8	28	35	35	35	42	42	42	42	42	54	54
90	5,4	28	35	35	42	42	42	42	54	54	54	76
100	6	35	35	35	42	42	42	42	54	54	54	76
110	6,6	35	35	42	42	42	42	54	54	54	54	76
120	7,2	35	35	42	42	42	54	54	54	54	54	76
130	7,8	35	35	42	42	54	54	54	54	54	76	76
140	8,4	35	35	42	42	54	54	54	54	54	76	76
150	9	42	42	42	54	54	54	54	54	54	76	76
160	9,6	42	42	42	54	54	54	54	54	54	76	76
170	10,2	42	42	42	54	54	54	54	54	54	76	76
180	10,8	42	42	42	54	54	54	54	54	76	76	76
190	11,4	42	42	54	54	54	54	54	54	76	76	76
200	12	42	42	54	54	54	54	54	76	76	76	76
210	12,6	42	42	54	54	54	54	54	76	76	76	76
220	13,2	54	54	54	54	54	54	54	76	76	76	76
250	15	54	54	54	54	54	76	76	76	76	76	89
300	18	54	54	54	54	76	76	76	76	76	76	89
350	21	54	54	54	76	76	76	76	76	76	89	108
400	24	76	76	76	76	76	76	76	76	76	89	108
450	27	76	76	76	76	76	76	76	76	89	89	108
500	30	76	76	76	76	76	76	76	89	89	108	108
550	33	76	76	76	76	76	76	76	89	89	108	108
600	36	76	76	76	76	76	76	89	89	89	108	
650	39	76	76	76	76	76	89	89	89	89	108	
700	42	76	76	76	76	89	89	89	89	108	108	
750	45	89	89	89	89	89	89	89	89	108	108	
800	48	89	89	89	89	89	89	89	108	108	108	
850	51	89	89	89	89	89	89	89	108	108		
900	54	89	89	89	89	89	89	108	108	108		
950	57	89	89	89	89	89	89	108	108	108		
1000	60	89	89	89	89	89	108	108	108			
1300	78	108	108	108	108	108	108					
1600	96	108	108	108	108	108						
1900	114	108	108	108								
2200	132	108	108	108								
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1	0,06	15	15	15	15	15	15	15	15	15	15	15
10	0,6	15	15	22	22	22	22	22	22	22	28	28
20	1,2	22	22	22	22	28	28	28	28	28	35	35
30	1,8	22	22	28	28	28	28	28	35	35	35	42
40	2,4	22	28	28	28	35	35	35	35	35	42	42
50	3	22	28	28	35	35	35	35	35	42	42	54
60	3,6	28	28	35	35	35	35	35	42	42	54	54
70	4,2	28	28	35	35	35	42	42	42	42	54	54
80	4,8	28	35	35	35	42	42	42	42	42	54	54
90	5,4	28	35	35	42	42	42	42	42	54	54	76
100	6	28	35	35	42	42	42	42	54	54	54	76
110	6,6	28	35	42	42	42	42	54	54	54	54	76
120	7,2	35	35	42	42	42	54	54	54	54	54	76
130	7,8	35	35	42	42	54	54	54	54	54	76	76
140	8,4	35	35	42	42	54	54	54	54	54	76	76
150	9	35	42	42	54	54	54	54	54	54	76	76
160	9,6	35	42	42	54	54	54	54	54	54	76	76
170	10,2	35	42	42	54	54	54	54	54	54	76	76
180	10,8	35	42	42	54	54	54	54	54	76	76	76
190	11,4	35	42	54	54	54	54	54	54	76	76	76
200	12	42	42	54	54	54	54	54	76	76	76	76
210	12,6	42	42	54	54	54	54	54	76	76	76	76
220	13,2	42	42	54	54	54	54	54	76	76	76	76
250	15	42	42	54	54	54	76	76	76	76	76	89
300	18	54	54	54	54	76	76	76	76	76	76	89
350	21	54	54	54	76	76	76	76	76	76	89	108
400	24	54	54	76	76	76	76	76	76	76	89	108
450	27	54	54	76	76	76	76	76	76	89	89	108
500	30	76	76	76	76	76	76	76	89	89	108	108
550	33	76	76	76	76	76	76	76	89	89	108	108
600	36	76	76	76	76	76	76	89	89	89	108	
650	39	76	76	76	76	76	89	89	89	89	108	
700	42	76	76	76	76	76	89	89	89	108	108	
750	45	76	76	76	76	89	89	89	89	108	108	
800	48	76	76	76	76	89	89	89	108	108	108	
850	51	76	76	76	89	89	89	89	108	108		
900	54	76	76	76	89	89	89	108	108	108		
950	57	76	76	76	89	89	89	108	108	108		
1000	60	89	89	89	89	89	108	108	108			
1300	78	89	89	89	108	108	108					
1600	96	108	108	108	108	108						
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