

4 bar

			FLOW		LENGTH											
Nl/min	Nm <sup>3</sup> /h	cfm	Nl/s	Nm <sup>3</sup> /min	25m	50m	100m	150m	200m	300m	400m	500m	1000m	1500m	2000m	
230	14	8	4	0.2	15	15	18	18	18	22	22	22	28	28	28	
650	39	23	11	0.7	18	22	28	28	28	28	35	35	42	42	42	
900	54	32	15	0.9	22	22	28	28	35	35	35	35	42	54	54	
1200	72	42	20	1.2	22	28	28	35	35	35	42	42	54	54	54	
1750	105	62	29	1.8	28	28	35	35	42	42	42	54	54	54	76.1	
2000	120	71	33	2.0	28	35	35	42	42	42	54	54	54	76.1	76.1	
2500	150	88	42	2.5	28	35	42	42	42	54	54	54	76.1	76.1	76.1	
3000	180	106	50	3	35	35	42	42	54	54	54	54	76.1	76.1	76.1	
3500	210	124	58	3.5	35	42	42	54	54	54	54	76.1	76.1	76.1	76.1	
4500	270	159	75	4.5	35	42	54	54	54	76.1	76.1	76.1	76.1	76.1	88.9	
6000	360	212	100	6	42	54	54	54	76.1	76.1	76.1	76.1	88.9	88.9	108	
7000	420	247	117	7	42	54	54	76.1	76.1	76.1	76.1	76.1	88.9	88.9	108	
8500	510	300	142	8.5	54	54	76.1	76.1	76.1	76.1	76.1	88.9	88.9	108	108	
12000	720	424	200	12	54	76.1	76.1	76.1	76.1	88.9	88.9	88.9	108	108	108	
15000	900	530	250	15	54	76.1	76.1	76.1	88.9	88.9	108	108	108	108	108	
18000	1080	636	300	18	76.1	76.1	76.1	88.9	88.9	108	108	108	108	108	108	
21000	1260	742	350	21	76.1	76.1	88.9	88.9	88.9	108	108	108	108	108	108	
26000	1560	918	433	26	76.1	76.1	88.9	108	108	108	108	108	108	108	108	
31000	1860	1095	517	31	76.1	88.9	88.9	108	108	108	108	108	108	108	108	
33000	1980	1165	550	33	76.1	88.9	108	108	108	108	108	108	108	108	108	
44000	2640	1554	733	44	88.9	88.9	108	108	108	108	108	108	108	108	108	
50000	3000	1766	833	50	88.9	108	108	108	108	108	108	108	108	108	108	
58000	3480	2048	967	58	88.9	108	108	108	108	108	108	108	108	108	108	
67000	4020	2366	1117	67	88.9	108	108	108	108	108	108	108	108	108	108	
75000	4500	2648	1250	75	108	108	108	108	108	108	108	108	108	108	108	
83000	4980	2931	1383	83	108	108	108	108	108	108	108	108	108	108	108	
92000	5520	3249	1533	92	108	108	108	108	108	108	108	108	108	108	108	
100000	6000	3531	1667	100	108	108	108	108	108	108	108	108	108	108	108	

7 bar

			FLOW		LENGTH											
Nl/min	Nm <sup>3</sup> /h	cfm	Nl/s	Nm <sup>3</sup> /min	25m	50m	100m	150m	200m	300m	400m	500m	1000m	1500m	2000m	
230	14	8	4	0.2	15	15	18	18	18	18	18	18	22	22	28	
650	39	23	11	0.7	15	18	22	22	22	28	28	28	35	35	35	
900	54	32	15	0.9	18	18	22	28	28	28	28	28	35	35	42	
1200	72	42	20	1.2	18	22	28	28	28	28	35	35	42	42	42	
1750	105	62	29	1.8	18	28	28	28	35	35	35	42	42	54	54	
2000	120	71	33	2.0	22	28	28	35	35	35	42	42	54	54	54	
2500	150	88	42	2.5	28	28	35	35	35	42	42	42	54	54	54	
3000	180	106	50	3	28	28	35	35	42	42	42	54	54	54	76.1	
3500	210	124	58	3.5	28	35	35	42	42	42	54	54	54	76.1	76.1	
4500	270	159	75	4.5	28	35	42	42	42	54	54	54	76.1	76.1	76.1	
6000	360	212	100	6	35	42	42	54	54	54	54	76.1	76.1	76.1	76.1	
7000	420	247	117	7	35	42	54	54	54	54	76.1	76.1	76.1	76.1	88.9	
8500	510	300	142	8.5	35	42	54	54	54	76.1	76.1	76.1	76.1	88.9	88.9	
12000	720	424	200	12	42	54	54	76.1	76.1	76.1	76.1	76.1	88.9	88.9	108	
15000	900	530	250	15	54	54	76.1	76.1	76.1	76.1	76.1	88.9	88.9	108	108	
18000	1080	636	300	18	54	54	76.1	76.1	76.1	76.1	88.9	88.9	108	108	108	
21000	1260	742	350	21	54	76.1	76.1	76.1	76.1	88.9	88.9	88.9	108	108	108	
26000	1560	918	433	26	54	76.1	76.1	76.1	88.9	88.9	108	108	108	108	108	
31000	1860	1095	517	31	76.1	76.1	76.1	88.9	88.9	104	108	108	108	108	108	
33000	1980	1165	550	33	76.1	76.1	76.1	88.9	88.9	108	108	108	108	108	108	
44000	2640	1554	733	44	76.1	76.1	88.9	108	108	108	108	108	108	108	108	
50000	3000	1766	833	50	76.1	76.1	88.9	108	108	108	108	108	108	108	108	
58000	3480	2048	967	58	76.1	88.9	108	108	108	108	108	108	108	108	108	
67000	4020	2366	1117	67	76.1	88.9	108	108	108	108	108	108	108	108	108	
75000	4500	2648	1250	75	76.1	88.9	108	108	108	108	108	108	108	108	108	
83000	4980	2931	1383	83	88.9	108	108	108	108	108	108	108	108	108	108	
92000	5520	3249	1533	92	88.9	108	108	108	108	108	108	108	108	108	108	
100000	6000	3531	1667	100	88.9	108	108	108	108	108	108	108	108	108	108	

10 bar

			FLOW		LENGTH											
Nl/min	Nm <sup>3</sup> /h	cfm	Nl/s	Nm <sup>3</sup> /min	25m	50m	100m	150m	200m	300m	400m	500m	1000m	1500m	2000m	
230	14	8	4	0.2	15	15	15	15	15	15	15	18	18	22	22	
650	39	23	11	0.7	15	15	18	18	22	22	22	28	28	28	28	
900	54	32	15	0.9	15	18	18	22	22	28	28	28	28	35	35	
1200	72	42	20	1.2	18	18	22	22	28	28	28	28	35	35	42	
1750	105	62	29	1.8	18	22	28	28	28	28	35	35	42	42	42	
2000	120	71	33	2.0	22	22	28	28	28	35	35	35	42	42	54	
2500	150	88	42	2.5	22	28	28	28	35	35	35	42	42	54	54	
3000	180	106	50	3	22	28	28	35	35	35	42	42	54	54	54	
3500	210	124	58	3.5	28	28	35	35	35	42	42	42	54	54	54	
4500	270	159	75	4.5	28	28	35	35	42	42	42	54	54	54	76.1	
6000	360	212	100	6	28	35	42	42	42	54	54	54	76.1	76.1	76.1	
7000	420	247	117	7	35	35	42	42	54	54	54	54	76.1	76.1	76.1	
8500	510	300	142	8.5	35	35	42	54	54	54	54	76.1	76.1	76.1	76.1	
12000	720	424	200	12	35	42	54	54	54	76.1	76.1	76.1	76.1	88.9	88.9	
15000	900	530	250	15	42	54	54	54	76.1	76.1	76.1	76.1	88.9	88.9	88.9	
18000	1080	636	300	18	42	54	54	76.1	76.1	76.1	76.1	76.1	88.9	108	108	
21000	1260	742	350	21	42	54	76.1	76.1	76.1	76.1	76.1	76.1	88.9	108	108	
26000	1560	918	433	26	54	54	76.1	76.1	76.1	76.1	88.9	88.9	108	108	108	
31000	1860	1095	517	31	54	76.1	76.1	76.1	76.1	88.9	88.9	88.9	108	108	108	
33000	1980	1165	550	33	54	76.1	76.1	76.1	76.1	88.9	88.9	108	108	108	108	
44000	2640	1554	733	44	76.1	76.1	76.1	88.9	88.9	108	108	108	108	108	108	
50000	3000	1766	833	50	76.1	76.1	76.1	88.9	88.9	108	108	108	108	108	108	
58000	3480	2048	967	58	76.1	76.1	88.9	88.9	108	108	108	108	108	108	108	
67000	4020	2366	1117	67	76.1	76.1	88.9	108	108	108	108	108	108	108	108	
75000	4500	2648	1250	75	76.1	76.1	88.9	108	108	108	108	108	108	108	108	
83000	4980	2931	1383	83	76.1	88.9	108	108	108	108	108	108	108	108	108	
92000	5520	3249	1533	92	76.1	88.9	108	108	108	108	108	108	108	108	108	
100000	6000	3531	1667	100	76.1	88.9	108	108	108	108	108	108	108	108	108	

12 bar

			FLOW		LENGTH											
Nl/min	Nm <sup>3</sup> /h	cfm	Nl/s	Nm <sup>3</sup> /min	25m	50m	100m	150m	200m	300m	400m	500m	1000m	1500m	2000m	
230	14	8	4	0.2	15	15	15	15	15	15	15	15	18	18	22	
650	39	23	11	0.7	15	15	18	18	18	22	22	22	28	28	28	
900	54	32	15	0.9	15	18	18	22	22	22	28	28	28	35	35	
1200	72	42	20	1.2	18	18	22	22	22	28	28	28	35	35	35	
1750	105	62	29	1.8	18	22	22	28	28	28	28	35	35	42	42	
2000	120	71	33	2.0	22	22	28	28	28	28	35	35	42	42	42	
2500	150	88	42	2.5	22	22	28	28	28	35	35	35	42	42	54	
3000	180	106	50	3	22	28	28	28	35	35	35	42	42	54	54	
3500	210	124	58	3.5	28	28	28	35	35	35	42	42	54	54	54	
4500	270	159	75	4.5	28	28	35	35	35	42	42	42	54	54	54	
6000	360	212	100	6	28	35	35	42	42	42	54	54	54	76.1	76.1	
7000	420	247	117	7	35	35	35	42	42	54	54	54	76.1	76.1	76.1	
8500	510	300	142	8.5	35	35	42	42	54	54	54	54	76.1	76.1	76.1	
12000	720	424	200	12	35	42	54	54	54	54	76.1	76.1	76.1	76.1	88.9	
15000	900	530	250	15	42	42	54	54	54	76.1	76.1	76.1	76.1	88.9	88.9	
18000	1080	636	300	18	42	54	54	54	76.1	76.1	76.1	76.1	88.9	88.9	88.9	
21000	1260	742	350	21	42	54	54	76.1	76.1	76.1	76.1	76.1	88.9	88.9	108	
26000	1560	918	433	26	54	54	76.1	76.1	76.1	76.1	76.1	88.9	88.9	108	108	
31000	1860	1095	517	31	54	54	76.1	76.1	76.1	76.1	88.9	88.9	108	108	108	
33000	1980	1165	550	33	54	54	76.1	76.1	76.1	76.1	88.9	88.9	108	108	108	
44000	2640	1554	733	44	54	76.1	76.1	76.1	88.9	88.9	88.9	108	108	108	108	
50000	3000	1766	833	50	54	76.1	76.1	88.9	88.9	88.9	108	108	108	108	108	
58000	3480	2048	967	58	76.1	76.1	76.1	88.9	88.9	108	108	108	108	108	108	
67000	4020	2366	1117	67	76.1	76.1	88.9	88.9	108	108	108	108	108	108	108	
75000	4500	2648	1250	75	76.1	76.1	88.9	88.9	108	108	108	108	108	108	108	
83000	4980	2931	1383	83	76.1	76.1	88.9	108	108	108	108	108	108	108	108	
92000	5520	3249	1533	92	76.1	88.9	88.9	108	108	108	108	108	108	108	108	
100000	6000	3531	1667	100	76.1	88.9	108	108	108	108	108	108	108	108	108	

13 bar

			FLOW		LENGTH											
Nl/min	Nm <sup>3</sup> /h	cfm	Nl/s	Nm <sup>3</sup> /min	25m	50m	100m	150m	200m	300m	400m	500m	1000m	1500m	2000m	
230	14	8	4	0.2	15	15	15	15	15	15	15	15	18	18	22	
650	39	23	11	0.7	15	15	15	18	18	18	22	22	28	28	28	
900	54	32	15	0.9	15	18	18	18	22	22	22	28	28	28	35	
1200	72	42	20	1.2	15	18	18	22	22	28	28	28	35	35	35	
1750	105	62	29	1.8	18	18	22	28	28	28	28	35	35	42	42	
2000	120	71	33	2.0	18	22	22	28	28	28	35	35	35	42	42	
2500	150	88	42	2.5	18	22	28	28	28	35	35	35	42	42	54	
3000	180	106	50	3	22	22	28	28	35	35	35	35	42	54	54	
3500	210	124	58	3.5	22	28	28	35	35	35	35	42	42	54	54	
4500	270	159	75	4.5	28	28	35	35	35	42	42	42	54	54	54	
6000	360	212	100	6	28	28	35	35	42	42	42	54	54	76.1	76.1	
7000	420	247	117	7	28	35	35	42	42	42	54	54	54	76.1	76.1	
8500	510	300	142	8.5	28	35	42	42	42	54	54	54	76.1	76.1	76.1	
12000	720	424	200	12	35	42	42	54	54	54	54	76.1	76.1	76.1	76.1	
15000	900	530	250	15	35	42	54	54	54	76.1	76.1	76.1	76.1	76.1	88.9	
18000	1080	636	300	18	42	42	54	54	54	76.1	76.1	76.1	76.1	88.9	88.9	
21000	1260	742	350	21	42	54	54	54	76.1	76.1	76.1	76.1	88.9	88.9	108	
26000	1560	918	433	26	42	54	54	76.1	76.1	76.1	76.1	76.1	88.9	108	108	
31000	1860	1095	517	31	54	54	76.1	76.1	76.1	76.1	88.9	88.9	108	108	108	
33000	1980	1165	550	33	54	54	76.1	76.1	76.1	76.1	88.9	88.9	108	108	108	
44000	2640	1554	733	44	54	76.1	76.1	76.1	76.1	88.9	108	108	108	108	108	
50000	3000	1766	833	50	54	76.1	76.1	76.1	88.9	88.9	108	108	108	108	108	
58000	3480	2048	967	58	76.1	76.1	76.1	88.9	88.9	108	108	108	108	108	108	
67000	4020	2366	1117	67	76.1	76.1	76.1	88.9	88.9	108	108	108	108	108	108	
75000	4500	2648	1250	75	76.1	76.1	88.9	88.9	108	108	108	108	108	108	108	
83000	4980	2931	1383	83	76.1	76.1	88.9	88.9	108	108	108	108	108	108	108	
92000	5520	3249	1533	92	76.1	76.1	88.9	108	108	108	108	108	108	108	108	
100000	6000	3531	1667	100	76.1	88.9	88.9	108	108	108	108	108	108	108	108	

16 bar

			FLOW		LENGTH											
Nl/min	Nm <sup>3</sup> /h	cfm	Nl/s	Nm <sup>3</sup> /min	25m	50m	100m	150m	200m	300m	400m	500m	1000m	1500m	2000m	
230	14	8	4	0.2	15	15	15	15	15	15	15	15	15	18	18	
650	39	23	11	0.7	15	15	15	15	18	18	18	22	22	28	28	
900	54	32	15	0.9	15	15	18	18	18	22	22	22	28	28	28	
1200	72	42	20	1.2	15	18	18	22	22	22	28	28	28	35	35	
1750	105	62	29	1.8	15	18	22	22	28	28	28	28	35	35	42	
2000	120	71	33	2.0	18	18	22	22	28	28	28	28	35	42	42	
2500	150	88	42	2.5	18	22	22	28	28	28	35	35	35	42	42	
3000	180	106	50	3	18	22	28	28	28	35	35	35	42	42	42	
3500	210	124	58	3.5	22	22	28	28	28	35	35	35	42	42	54	
4500	270	159	75	4.5	22	28	28	35	35	35	42	42	42	54	54	
6000	360	212	100	6	28	28	35	35	35	42	42	42	54	54	54	
7000	420	247	117	7	28	28	35	35	42	42	42	54	54	54	76.1	
8500	510	300	142	8.5	28	35	35	42	42	42	54	54	54	76.1	76.1	
12000	720	424	200	12	35	35	42	42	54	54	54	54	76.1	76.1	76.1	
15000	900	530	250	15	35	42	42	54	54	54	54	76.1	76.1	76.1	76.1	
18000	1080	636	300	18	35	42	54	54	54	54	76.1	76.1	76.1	76.1	88.9	
21000	1260	742	350	21	42	42	54	54	54	76.1	76.1	76.1	76.1	88.9	88.9	
26000	1560	918	433	26	42	54	54	76.1	76.1	76.1	76.1	76.1	88.9	88.9	108	
31000	1860	1095	517	31	42	54	54	76.1	76.1	76.1	76.1	76.1	88.9	88.9	108	
33000	1980	1165	550	33	42	54	54	76.1	76.1	76.1	76.1	76.1	88.9	108	108	
44000	2640	1554	733	44	54	54	76.1	76.1	76.1	76.1	88.9	88.9	108	108	108	
50000	3000	1766	833	50	54	76.1	76.1	76.1	76.1	88.9	88.9	88.9	108	108	108	
58000	3480	2048	967	58	54	76.1	76.1	76.1	88.9	88.9	88.9	108	108	108	108	
67000	4020	2366	1117	67	54	76.1	76.1	76.1	88.9	88.9	108	108	108	108	108	
75000	4500	2648	1250	75	76.1	76.1	76.1	88.9	88.9	108	108	108	108	108	108	
83000	4980	2931	1383	83	76.1	76.1	76.1	88.9	88.9	108	108	108	108	108	108	
92000	5520	3249	1533	92	76.1	76.1	88.9	88.9	108	108	108	108	108	108	108	
100000	6000	3531	1667	100	76.1	76.1	88.9	88.9	108	108	108	108	108	108	108	