



CHAPTER 7.0: SIZING TABLES

7.1 DIAMONDBACK CSST SIZING TABLES

Table N-1

Low Pressure System - 0.5 in.W.C. drop (.93 mmHg)

Maximum capacity of Diamondback CSST in cubic feet per hour (CFH). 1 CFH = 1000 BTU

Gas Pressure: 7 in.W.C. (13.08 mmHg)

Pressure Drop: .5 in.W.C. (.93 mmHg)

Length In Feet (meters)

Tubing Size	EHD**	5 (1.52)	10 (3.05)	15 (4.57)	20 (6.10)	25 (7.62)	30 (9.14)	40 (12.19)	50 (15.24)	60 (18.29)	70 (21.38)	80 (24.38)	90 (27.43)	100 (30.48)	125 (38.10)	150 (45.72)	200 (60.46)	250 (76.20)	300 (91.44)
3/8" (10)	15	75	53	45	37	33	30	26	23	21	20	18	17	16	15	13	11	10	9
1/2" (13)	19	151	108	88	77	69	63	55	49	45	41	39	37	35	31	28	25	22	20
3/4" (19)	25	335	242	200	175	158	145	126	114	104	97	91	86	82	74	68	59	53	49
1" (25)	31	635	454	374	325	292	268	233	209	192	178	167	158	150	134	123	107	96	88
1 1/4" (32)	37	1324	943	774	672	603	551	479	430	393	364	341	322	306	274	251	218	195	179

**EHD (Equivalent Hydraulic Diameter): A relative measure of flow capacity. This number is used to compare individual sizes between different manufacturers. The higher the EHD value the greater flow capacity of the piping.

* Numbers are based on 0.60 specific gravity gas.

* Table includes losses for four (4) 90° bends and two (2) end fittings. To compute flow capacity for tubing runs with a larger number of bends and/or fittings, add the appropriate number in feet to the actual run length using the following formula:

* $L = 1.3 \times N$

L = Number of feet to be added to actual run length.

N = Number of bends and/or fittings over six (6).

Table N-2

Low Pressure System - 1 in.W.C. drop (1.87 mmHg)

Maximum capacity of Diamondback CSST in cubic feet per hour (CFH). 1 CFH = 1000 BTU

Gas Pressure: 7 in.W.C. (13.08 mmHg)

Pressure Drop: 1 in.W.C. (1.87 mmHg)

Length In Feet (meters)

Tubing Size	EHD**	5 (1.52)	10 (3.05)	15 (4.57)	20 (6.10)	25 (7.62)	30 (9.14)	40 (12.19)	50 (15.24)	60 (18.29)	70 (21.38)	80 (24.38)	90 (27.43)	100 (30.48)	125 (38.10)	150 (45.72)	200 (60.46)	250 (76.20)	300 (91.44)
3/8" (10)	15	106	75	61	53	47	43	37	33	30	28	26	25	23	21	19	16	15	13
1/2" (13)	19	212	151	124	108	97	88	77	69	63	58	55	51	49	44	40	35	31	28
3/4" (19)	25	464	335	277	242	218	200	175	158	145	135	126	120	114	102	94	82	74	68
1" (25)	31	886	635	522	454	408	374	325	292	268	248	233	220	209	188	172	150	134	123
1 1/4" (32)	37	1857	1324	1086	943	846	774	672	603	551	511	479	452	430	385	352	306	274	251

**EHD (Equivalent Hydraulic Diameter): A relative measure of flow capacity. This number is used to compare individual sizes between different manufacturers. The higher the EHD value the greater flow capacity of the piping.

* Numbers are based on 0.60 specific gravity gas.

* Table includes losses for four (4) 90° bends and two (2) end fittings. To compute flow capacity for tubing runs with a larger number of bends and/or fittings, add the appropriate number in feet to the actual run length using the following formula:

* $L = 1.3 \times N$

L = Number of feet to be added to actual run length.

N = Number of bends and/or fittings over six (6).



Table N-3

Low Pressure System - 3 in.W.C. drop (5.60 mmHg)

Maximum capacity of Diamondback CSST in cubic feet per hour (CFH). 1 CFH = 1000 BTU

Gas Pressure: 10 in.W.C. (18.68 mmHg)

Pressure Drop: 3 in.W.C. (5.60 mmHg)

Length In Feet (meters)

Tubing Size	EHD**	5 (1.52)	10 (3.05)	15 (4.57)	20 (6.10)	25 (7.62)	30 (9.14)	40 (12.19)	50 (15.24)	60 (18.29)	70 (21.38)	80 (24.38)	90 (27.43)	100 (30.48)	125 (38.10)	150 (45.72)	200 (60.46)	250 (76.20)	300 (91.44)
3/8" (10)	15	185	131	106	92	82	75	65	58	53	49	46	43	41	36	33	29	26	23
1/2" (13)	19	362	258	212	184	165	151	131	118	108	100	94	88	84	75	69	60	53	49
3/4" (19)	25	776	561	464	405	365	335	293	264	242	225	212	200	191	172	158	138	124	114
1" (25)	31	1504	1077	886	772	693	635	553	496	454	422	396	374	355	319	292	254	228	209
1 1/4" (32)	37	3177	2264	1857	1614	1447	1324	1150	1031	943	875	820	774	735	659	603	524	470	430

**EHD (Equivalent Hydraulic Diameter): A relative measure of flow capacity. This number is used to compare individual sizes between different manufacturers.

The higher the EHD value the greater flow capacity of the piping.

* Numbers are based on 0.60 specific gravity gas.

* Table includes losses for four (4) 90° bends and two (2) end fittings. To compute flow capacity for tubing runs with a larger number of bends and/or fittings, add the appropriate number in feet to the actual run length using the following formula:

* $L = 1.3 \times N$

L = Number of feet to be added to actual run length.

N = Number of bends and/or fittings over six (6).

Table N-4

Low Pressure System - 6 in.W.C. drop (11.21 mmHg)

Maximum capacity of Diamondback CSST in cubic feet per hour (CFH). 1 CFH = 1000 BTU

Gas Pressure: 12 in.W.C. (22.42 mmHg)

Pressure Drop: 6 in.W.C. (11.21 mmHg)

Length In Feet (meters)

Tubing Size	EHD**	5 (1.52)	10 (3.05)	15 (4.57)	20 (6.10)	25 (7.62)	30 (9.14)	40 (12.19)	50 (15.24)	60 (18.29)	70 (21.38)	80 (24.38)	90 (27.43)	100 (30.48)	125 (38.10)	150 (45.72)	200 (60.46)	250 (76.20)	300 (91.44)
3/8" (10)	15	262	185	151	131	117	106	92	82	75	69	65	61	58	52	47	41	36	33
1/2" (13)	19	508	362	297	258	232	212	184	165	151	140	131	124	118	106	97	84	75	69
3/4" (19)	25	1074	776	642	561	505	464	405	365	335	312	293	277	264	238	218	191	172	158
1" (25)	31	2100	1504	1237	1077	967	886	772	693	635	589	553	522	496	446	408	355	319	292
1 1/4" (32)	37	4457	3177	2606	2264	2030	1857	1614	1447	1324	1228	1150	1086	1031	925	846	735	659	603

**EHD (Equivalent Hydraulic Diameter): A relative measure of flow capacity. This number is used to compare individual sizes between different manufacturers.

The higher the EHD value the greater flow capacity of the piping.

* Numbers are based on 0.60 specific gravity gas.

* Table includes losses for four (4) 90° bends and two (2) end fittings. To compute flow capacity for tubing runs with a larger number of bends and/or fittings, add the appropriate number in feet to the actual run length using the following formula:

* $L = 1.3 \times N$

L = Number of feet to be added to actual run length.

N = Number of bends and/or fittings over six (6).



Table N-5

Elevated Pressure System - 1 PSI drop (6.90 kPa)

Maximum capacity of Diamondback® CSST in cubic feet per hour (CFH). 1 CFH = 1000 BTU

Gas Pressure: 2 PSIG (13.79 kPa)

Pressure Drop: 1 PSIG (6.90 kPa)

Length In Feet (meters)

Tubing Size	EHD**	10 (3.05)	25 (7.62)	30 (9.14)	40 (12.19)	50 (15.24)	60 (18.29)	70 (21.34)	80 (24.38)	100 (30.48)	125 (38.10)	150 (45.72)	200 (60.46)	250 (76.20)	300 (91.44)	400 (121.92)	500 (152.40)
3/8" (10)	15	399	252	230	199	178	162	150	140	125	112	102	88	79	72	62	56
1/2" (13)	19	764	489	447	389	349	319	296	277	249	223	204	177	159	145	126	113
3/4" (19)	25	1589	1035	950	831	748	687	639	600	541	487	447	391	352	323	282	254
1" (25)	31	3142	2022	1852	1612	1448	1326	1231	1155	1037	931	853	743	667	611	532	478
1 1/4" (32)	37	6711	4289	3924	3409	3057	2797	2594	2430	2179	1954	1787	1553	1393	1274	1107	992

**EHD (Equivalent Hydraulic Diameter): A relative measure of flow capacity. This number is used to compare individual sizes between different manufacturers. The higher the EHD value the greater flow capacity of the piping.

* Numbers are based on 0.60 specific gravity gas.

* Table includes losses for four (4) 90° bends and two (2) end fittings. To compute flow capacity for tubing runs with a larger number of bends and/or fittings, add the appropriate number in feet to the actual run length using the following formula:

CAUTION: Capacities shown in table may exceed maximum capacity for a selected regulator. The Maxitrol regulators specified meet standard ANSI Z21.80.

To comply with the standard, installations exceeding 2 PSI (13.79 kPa) nominal require a tested and approved over-pressure protection device for use with the regulator.

* $L = 1.3 \times N$

L = Number of feet to be added to actual run length.

N = Number of bends and/or fittings over six (6).

Table N-6

Elevated Pressure System - 1.5 PSI drop (10.34 kPa)

Maximum capacity of Diamondback CSST in cubic feet per hour (CFH). 1 CFH = 1000 BTU

Gas Pressure: 2 PSIG (13.79 kPa)

Pressure Drop: 1.5 PSIG (10.34 kPa)

Length In Feet (meters)

Tubing Size	EHD**	10 (3.05)	25 (7.62)	30 (9.14)	40 (12.19)	50 (15.24)	60 (18.29)	70 (21.34)	80 (24.38)	100 (30.48)	125 (38.10)	150 (45.72)	200 (60.46)	250 (76.20)	300 (91.44)	400 (121.92)	500 (152.40)
3/8" (10)	15	490	309	282	244	218	199	184	172	154	138	125	109	97	88	76	68
1/2" (13)	19	931	596	545	474	425	389	360	338	304	272	249	216	194	177	154	138
3/4" (19)	25	1922	1251	1149	1004	905	831	773	726	654	589	541	473	426	391	342	308
1" (25)	31	3820	2457	2251	1960	1760	1612	1497	1404	1261	1132	1037	903	811	743	647	581
1 1/4" (32)	37	8180	5229	4783	4156	3727	3409	3162	2962	2656	2382	2179	1893	1698	1553	1349	1210

**EHD (Equivalent Hydraulic Diameter): A relative measure of flow capacity. This number is used to compare individual sizes between different manufacturers. The higher the EHD value the greater flow capacity of the piping.

* Numbers are based on 0.60 specific gravity gas.

* Table includes losses for four (4) 90° bends and two (2) end fittings. To compute flow capacity for tubing runs with a larger number of bends and/or fittings, add the appropriate number in feet to the actual run length using the following formula:

CAUTION: Capacities shown in table may exceed maximum capacity for a selected regulator. The Maxitrol regulators specified meet standard ANSI Z21.80.

To comply with the standard, installations exceeding 2 PSI (13.79 kPa) nominal require a tested and approved over-pressure protection device for use with the regulator.

* $L = 1.3 \times N$

L = Number of feet to be added to actual run length.

N = Number of bends and/or fittings over six (6).



Table N-7

Elevated Pressure System - 3.5 PSI drop (24.13 kPa)

Maximum capacity of Diamondback CSST in cubic feet per hour (CFH). 1 CFH = 1000 BTU

Gas Pressure: 5 PSIG (34.48 kPa)

Pressure Drop: 3.5 PSIG (24.13 kPa)

Length In Feet (meters)

Tubing Size	EHD**	10 (3.05)	25 (7.62)	30 (9.14)	40 (12.19)	50 (15.24)	60 (18.29)	70 (21.34)	80 (24.38)	100 (30.48)	125 (38.10)	150 (45.72)	200 (60.46)	250 (76.20)	300 (91.44)	400 (121.92)	500 (152.40)
3/8" (10)	15	749	473	432	373	334	305	282	264	236	211	192	166	149	136	117	105
1/2" (13)	19	1406	900	823	716	642	587	545	511	458	411	376	327	293	268	233	209
3/4" (19)	25	2857	1861	1708	1493	1345	1235	1149	1079	972	876	804	703	633	581	508	458
1" (25)	31	5743	3695	3384	2947	2647	2424	2251	2111	1896	1703	1560	1358	1220	1117	973	873
1 1/4" (32)	37	12.375	7909	7235	6287	5638	5157	4783	4481	4018	3603	3296	2864	2568	2349	2041	1830

**EHD (Equivalent Hydraulic Diameter): A relative measure of flow capacity. This number is used to compare individual sizes between different manufacturers. The higher the EHD value the greater flow capacity of the piping.

* Numbers are based on 0.60 specific gravity gas.

* Table includes losses for four (4) 90° bends and two (2) end fittings. To compute flow capacity for tubing runs with a larger number of bends and/or fittings, add the appropriate number in feet to the actual run length using the following formula:

CAUTION: Capacities shown in table may exceed maximum capacity for a selected regulator. The Maxitrol regulators specified meet standard ANSI Z21.80.

To comply with the standard, installations exceeding 2 PSI (13.79 kPa) nominal require a tested and approved over-pressure protection device for use with the regulator.

* L = 1.3 x N

L = Number of feet to be added to actual run length.

N = Number of bends and/or fittings over six (6).

Table P-1

Propane Gas Low Pressure System - 0.5 in.W.C. drop (.93 mmHg)

Maximum capacity of Diamondback CSST (in Thousands of BTU per hour of undiluted L.P. Gas)

Gas Pressure: 11 in.W.C. (20.55 mmHg)

Pressure Drop: 0.5 in.W.C. (.93 mmHg)

Length In Feet (meters)

Tubing Size	EHD**	5 (1.52)	10 (3.05)	15 (4.57)	20 (6.10)	25 (7.62)	30 (9.14)	40 (12.19)	50 (15.24)	60 (18.29)	70 (21.38)	80 (24.38)	90 (27.43)	100 (30.48)	125 (38.10)	150 (45.72)	200 (60.46)	250 (76.20)	300 (91.44)
3/8" (10)	15	119	84	68	59	53	48	42	37	34	31	29	27	26	23	21	18	16	15
1/2" (13)	19	239	170	140	121	109	100	87	78	71	66	62	58	55	49	45	39	35	32
3/4" (19)	25	530	383	317	277	249	229	200	180	165	154	145	137	130	117	108	94	85	78
1" (25)	31	1004	719	591	515	462	423	369	331	303	281	264	249	237	213	195	170	152	139
1 1/4" (32)	37	2093	1492	1224	1063	953	872	758	679	621	576	540	510	484	434	397	345	309	283

**EHD (Equivalent Hydraulic Diameter): A relative measure of flow capacity. This number is used to compare individual sizes between different manufacturers. The higher the EHD value the greater flow capacity of the piping.

* Numbers are based on 0.60 specific gravity gas.

* Table includes losses for four (4) 90° bends and two (2) end fittings. To compute flow capacity for tubing runs with a larger number of bends and/or fittings, add the appropriate number in feet to the actual run length using the following formula:

* L = 1.3 x N

L = Number of feet to be added to actual run length.

N = Number of bends and/or fittings over six (6).



Table P-2

Propane Gas Low Pressure System - 3 in.W.C. drop (5.60 mmHg)

Maximum capacity of Diamondback CSST (in Thousands of BTU per hour of undiluted L.P. Gas)

Gas Pressure: 0.5 in.W.C. (3.45 kPa)

Pressure Drop: 3 in.W.C. (5.60 mmHg)

Length In Feet (meters)

Tubing Size	EHD**	10 (3.05)	25 (7.62)	30 (9.14)	40 (12.19)	50 (15.24)	60 (18.29)	70 (21.34)	80 (24.38)	90 (27.43)	100 (30.48)	125 (38.10)	150 (45.72)	200 (60.46)	250 (76.20)	300 (91.44)	400 (121.92)	500 (152.40)
3/8" (10)	15	207	130	119	103	92	84	78	72	68	65	58	53	46	41	37	32	29
1/2" (13)	19	409	261	239	208	186	170	158	148	140	133	119	109	95	85	78	67	60
3/4" (19)	25	887	578	530	463	417	383	357	335	317	302	272	249	218	196	180	157	142
1" (25)	31	1703	1096	1004	874	785	719	667	626	591	562	505	462	402	361	331	288	259
1 1/4" (32)	37	3580	2288	2093	1818	1631	1492	1383	1296	1224	1162	1042	953	828	743	679	590	529

**EHD (Equivalent Hydraulic Diameter): A relative measure of flow capacity. This number is used to compare individual sizes between different manufacturers. The higher the EHD value the greater flow capacity of the piping.

* Numbers are based on 0.60 specific gravity gas.

* Table includes losses for four (4) 90° bends and two (2) end fittings. To compute flow capacity for tubing runs with a larger number of bends and/or fittings, add the appropriate number in feet to the actual run length using the following formula:

$$* L = 1.3 \times N$$

L = Number of feet to be added to actual run length.

N = Number of bends and/or fittings over six (6).

Table P-3

Propane Gas Elevated Pressure System - 1 PSIG drop (6.90 kPa)

Maximum capacity of Diamondback CSST (in Thousands of BTU per hour of undiluted L.P. Gas)

Gas Pressure: 2 PSIG. (13.79 kPa)

Pressure Drop: 1 PSIG. (6.90 kPa)

Length In Feet (meters)

Tubing Size	EHD**	10 (3.05)	25 (7.62)	30 (9.14)	40 (12.19)	50 (15.24)	60 (18.29)	70 (21.34)	80 (24.38)	100 (30.48)	125 (38.10)	150 (45.72)	200 (60.46)	250 (76.20)	300 (91.44)	400 (121.92)	500 (152.40)
3/8" (10)	15	632	399	364	315	281	257	238	222	189	178	162	140	125	114	99	88
1/2" (13)	19	1208	773	707	615	551	504	468	438	375	353	323	280	251	230	200	179
3/4" (19)	25	2513	1636	1502	1313	1183	1086	1010	949	818	770	707	618	557	511	447	402
1" (25)	31	4968	3196	2927	2549	2289	2097	1947	1826	1566	1473	1349	1175	1055	966	841	756
1 1/4" (32)	37	10608	6780	6202	5389	4833	4421	4100	3841	3445	3089	2826	2455	2202	2014	1750	1569

**EHD (Equivalent Hydraulic Diameter): A relative measure of flow capacity. This number is used to compare individual sizes between different manufacturers. The higher the EHD value the greater flow capacity of the piping.

* Numbers are based on 0.60 specific gravity gas.

* Table includes losses for four (4) 90° bends and two (2) end fittings. To compute flow capacity for tubing runs with a larger number of bends and/or fittings, add the appropriate number in feet to the actual run length using the following formula:

CAUTION: Capacities shown in table may exceed maximum capacity for a selected regulator. The Maxitrol regulators specified meet standard ANSI Z21.80. To comply with the standard, installations exceeding 2 PSI (13.79 kPa) nominal require a tested and approved over-pressure protection device for use with the regulator.

$$* L = 1.3 \times N$$

L = Number of feet to be added to actual run length.

N = Number of bends and/or fittings over six (6).



Table P-4

Propane Gas Elevated Pressure System - 1.5 PSI drop (10.30 kPa)

Maximum capacity of Diamondback CSST (in Thousands of BTU per hour of undiluted L.P. Gas)

Gas Pressure: 2 PSIG. (13.79 kPa)

Pressure Drop: 1.5 PSIG. (10.30 kPa)

Length In Feet (meters)

Tubing Size	EHD**	10 (3.05)	25 (7.62)	30 (9.14)	40 (12.19)	50 (15.24)	60 (18.29)	70 (21.34)	80 (24.38)	100 (30.48)	125 (38.10)	150 (45.72)	200 (60.46)	250 (76.20)	300 (91.44)	400 (121.92)	500 (152.40)
3/8" (10)	15	774	489	446	386	345	315	291	272	244	218	199	172	154	140	121	108
1/2" (13)	19	1472	942	862	749	672	615	570	534	479	430	393	342	306	280	244	219
3/4" (19)	25	3038	1978	1816	1588	1430	1313	1222	1148	1034	931	855	747	673	618	540	487
1" (25)	31	6038	3885	3558	3098	2783	2549	2367	2219	1993	1790	1640	1428	1282	1175	1023	918
1 1/4" (32)	37	12932	8265	7561	6570	5891	5389	4998	4683	4199	3765	3445	2993	2684	2455	2133	1913

**EHD (Equivalent Hydraulic Diameter): A relative measure of flow capacity. This number is used to compare individual sizes between different manufacturers. The higher the EHD value the greater flow capacity of the piping.

* Numbers are based on 0.60 specific gravity gas.

* Table includes losses for four (4) 90° bends and two (2) end fittings. To compute flow capacity for tubing runs with a larger number of bends and/or fittings, add the appropriate number in feet to the actual run length using the following formula:

CAUTION: Capacities shown in table may exceed maximum capacity for a selected regulator. The Maxitrol regulators specified meet standard ANSI Z21.80. To comply with the standard, installations exceeding 2 PSI (13.79 kPa) nominal require a tested and approved over-pressure protection device for use with the regulator.

* $L = 1.3 \times N$

L = Number of feet to be added to actual run length.

N = Number of bends and/or fittings over six (6).

Table P-5

Propane Gas Elevated Pressure System - 3.5 PSI drop (24.13 kPa)

Maximum capacity of Diamondback CSST (in Thousands of BTU per hour of undiluted L.P. Gas)

Gas Pressure: 5 PSIG. (34.48 kPa)

Pressure Drop: 3.5 PSIG. (24.13 kPa)

Length In Feet (meters)

Tubing Size	EHD**	10 (3.05)	25 (7.62)	30 (9.14)	40 (12.19)	50 (15.24)	60 (18.29)	70 (21.34)	80 (24.38)	100 (30.48)	125 (38.10)	150 (45.72)	200 (60.46)	250 (76.20)	300 (91.44)	400 (121.92)	500 (152.40)
3/8" (10)	15	1186	749	684	591	529	482	446	418	374	333	304	262	236	215	185	166
1/2" (13)	19	2223	1423	1301	1132	1015	929	862	808	724	650	594	517	463	424	368	330
3/4" (19)	25	4517	2942	2700	2360	2126	1952	1816	1706	1537	1385	1217	1111	1001	919	803	724
1" (25)	31	9080	5842	5350	4659	4185	3832	3558	3337	2998	2692	2466	2147	1929	1766	1538	1380
1 1/4" (32)	37	19561	12503	11438	9938	8912	8152	7561	7084	6352	5696	5211	4528	4060	3714	3227	2894

**EHD (Equivalent Hydraulic Diameter): A relative measure of flow capacity. This number is used to compare individual sizes between different manufacturers. The higher the EHD value the greater flow capacity of the piping.

* Numbers are based on 0.60 specific gravity gas.

* Table includes losses for four (4) 90° bends and two (2) end fittings. To compute flow capacity for tubing runs with a larger number of bends and/or fittings, add the appropriate number in feet to the actual run length using the following formula:

CAUTION: Capacities shown in table may exceed maximum capacity for a selected regulator. The Maxitrol regulators specified meet standard ANSI Z21.80. To comply with the standard, installations exceeding 2 PSI (13.79 kPa) nominal require a tested and approved over-pressure protection device for use with the regulator.

* $L = 1.3 \times N$

L = Number of feet to be added to actual run length.

N = Number of bends and/or fittings over six (6).



7.2 BLACK IRON PIPE SIZING TABLE

Table N-8

Low Pressure System

Maximum capacity of Diamondback CSST in cubic feet per hour (CFH). 1 CFH = 1000 BTU

Gas Pressure: 7 in.W.C. (13.08 mmHg)

Pressure Drop: .5 in.W.C. (.93 mmHg)

Length In Feet (meters)

Tubing Size	I.D.	10 (3.05)	20 (6.10)	30 (9.14)	40 (12.19)	50 (15.24)	60 (18.29)	70 (21.38)	80 (24.38)	90 (27.43)	100 (30.48)	125 (38.10)	150 (45.72)	175 (53.34)	200 (60.46)
3/8" (10)	.493	95	65	52	45	40	36	33	31	29	27	24	22	20	19
1/2" (13)	.622	175	120	97	82	73	66	61	57	53	50	44	40	37	35
3/4" (19)	.824	360	250	200	170	151	138	125	118	110	103	93	84	77	72
1" (25)	1.049	680	465	375	320	285	260	240	220	205	195	175	160	145	135
1 1/4" (32)	1.380	1400	950	770	660	580	530	490	460	430	400	360	325	300	280

* Numbers are based on 0.60 specific gravity gas.

* Table includes losses for four (4) 90° bends and two (2) end fittings. To compute flow capacity for tubing runs with a larger number of bends and/or fittings, add the appropriate number in feet to the actual run length using the following formula:

* $L = 1.3 \times N$

L = Number of feet to be added to actual run length.

N = Number of bends and/or fittings over six (6).