

SECTION 7: SIZING TABLES AND PRESSURE DROP CHARTS

For Gastite® and FlashShield™ CSST

7.1 CSST Capacity Tables - Natural Gas

Table 7-1																
Maximum Capacity of Gastite®/FlashShield™ Flexible Gas Piping in Cubic Feet Per Hour of Natural Gas with a Gas Pressure of 0.5 psi or Less and a Pressure Drop of 0.5"WC (based on a 0.60 specific gravity gas)																
Tubing		Tubing Length (ft)														
EHD	Size	5	10	15	20	25	30	40	50	60	70	80	90	100	125	150
13	3/8"	47	32	26	22	20	18	15	14	13	12	11	10	10	8	8
18	1/2"	131	93	76	66	59	54	47	42	38	36	33	32	30	27	24
23	3/4"	251	183	152	133	120	110	97	87	80	75	70	67	63	57	53
31	1"	578	415	341	297	267	244	213	191	175	163	153	144	137	123	113
37	1-1/4"	871	620	508	441	396	362	314	282	258	239	224	211	201	180	164
47	1-1/2"	1834	1304	1068	926	830	759	658	590	539	500	468	442	419	376	343
60	2"	3874	2711	2199	1896	1690	1539	1327	1183	1077	994	928	874	827	737	671

Tubing		Tubing Length (ft)														
EHD	Size	200	250	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500
13	3/8"	7	6	5	5	4	4	3	3	3	3	3	3	2	2	2
18	1/2"	21	19	17	15	14	12	11	11	10	10	9	9	8	8	8
23	3/4"	46	42	38	34	30	28	26	24	23	22	21	20	20	19	18
31	1"	98	88	81	70	63	58	54	50	48	45	43	42	40	39	37
37	1-1/4"	143	128	117	102	91	83	77	72	68	65	62	59	57	55	53
47	1-1/2"	298	267	244	212	190	173	161	150	142	135	129	123	118	114	110
60	2"	579	516	470	405	361	329	304	283	267	253	240	230	221	212	205

Table 7-2																
Maximum Capacity of Gastite®/FlashShield™ Flexible Gas Piping in Cubic Feet Per Hour of Natural Gas with a Gas Pressure of 0.5 psi or Less and a Pressure Drop of 1.0"WC (based on a 0.60 specific gravity gas)																
Tubing		Tubing Length (ft)														
EHD	Size	5	10	15	20	25	30	40	50	60	70	80	90	100	125	150
13	3/8"	67	47	38	32	29	26	22	20	18	17	15	15	14	12	11
18	1/2"	185	131	107	93	83	76	66	59	54	50	47	44	42	38	34
23	3/4"	345	251	209	183	165	152	133	120	110	103	97	92	87	79	72
31	1"	807	578	476	415	372	341	297	267	244	227	213	201	191	172	157
37	1-1/4"	1224	871	714	620	556	508	441	396	362	336	314	297	282	253	231
47	1-1/2"	2581	1834	1502	1304	1168	1068	926	830	759	703	658	621	590	528	483
60	2"	5538	3874	3144	2711	2416	2199	1896	1690	1539	1421	1327	1249	1183	1054	960

Tubing		Tubing Length (ft)														
EHD	Size	200	250	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500
13	3/8"	10	8	8	7	6	5	5	5	4	4	4	4	4	3	3
18	1/2"	30	27	24	21	19	17	16	15	14	14	13	12	12	11	11
23	3/4"	63	57	53	46	42	38	36	34	32	30	29	28	27	26	25
31	1"	137	123	113	98	88	81	75	70	67	63	60	58	56	54	52
37	1-1/4"	201	180	164	143	128	117	109	102	96	91	87	83	80	77	75
47	1-1/2"	419	376	343	298	267	244	226	212	200	190	181	173	167	161	155
60	2"	827	737	671	579	516	470	434	405	381	361	344	329	315	304	293

Tables include losses for four 90° bends and two end fittings. Tubing runs with a larger number of bends and/or fittings shall be increased by an equivalent length of tubing to the following equation: $L=1.3n$ where L is additional length of tubing and n is the number of additional fittings and/or bends.

Table 7-3																
Maximum Capacity of Gastite®/FlashShield™ Flexible Gas Piping in Cubic Feet Per Hour of Natural Gas with a Gas Pressure of 0.5 psi or Less and a Pressure Drop of 1.5"WC (based on a 0.60 specific gravity gas)																
Tubing		Tubing Length (ft)														
EHD	Size	5	10	15	20	25	30	40	50	60	70	80	90	100	125	150
13	3/8"	83	58	47	40	36	32	28	25	22	21	19	18	17	15	14
18	1/2"	226	160	131	114	102	93	81	72	66	61	57	54	51	46	42
23	3/4"	416	303	251	220	199	183	160	145	133	124	116	110	105	95	87
31	1"	981	703	578	504	452	415	361	324	297	276	259	244	232	209	191
37	1-1/4"	1493	1063	871	757	678	620	539	483	441	409	383	362	344	308	282
47	1-1/2"	3152	2240	1834	1592	1426	1304	1131	1014	926	859	804	759	720	645	590
60	2"	6825	4775	3874	3340	2978	2711	2337	2083	1896	1752	1635	1539	1457	1299	1183

Table 7-3																
Maximum Capacity of Gastite®/FlashShield™ Flexible Gas Piping in Cubic Feet Per Hour of Natural Gas with a Gas Pressure of 0.5 psi or Less and a Pressure Drop of 1.5"WC (based on a 0.60 specific gravity gas)																
Tubing		Tubing Length (ft)														
EHD	Size	200	250	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500
13	3/8"	12	11	10	8	7	7	6	6	5	5	5	5	4	4	4
18	1/2"	37	33	30	26	23	21	20	18	17	17	16	15	15	14	14
23	3/4"	76	69	63	56	50	46	43	40	38	37	35	34	32	31	30
31	1"	167	150	137	119	107	98	91	86	81	77	73	70	68	65	63
37	1-1/4"	245	219	201	174	156	143	132	124	117	111	106	102	98	94	91
47	1-1/2"	512	459	419	364	326	298	276	259	244	232	221	212	204	196	190
60	2"	1020	909	827	713	636	579	535	499	470	445	424	405	389	374	361

Table 7-4																
Maximum Capacity of Gastite®/FlashShield™ Flexible Gas Piping in Cubic Feet Per Hour of Natural Gas with a Gas Pressure of 0.5 psi or Less and a Pressure Drop of 2.0"WC (based on a 0.60 specific gravity gas)																
Tubing		Tubing Length (ft)														
EHD	Size	5	10	15	20	25	30	40	50	60	70	80	90	100	125	150
13	3/8"	97	67	54	47	41	38	32	29	26	24	22	21	20	18	16
18	1/2"	260	185	151	131	118	107	93	83	76	71	66	62	59	53	49
23	3/4"	475	345	287	251	227	209	183	165	152	141	133	126	120	108	100
31	1"	1126	807	664	578	520	476	415	372	341	317	297	281	267	240	220
37	1-1/4"	1719	1224	1003	871	781	714	620	556	508	471	441	417	396	355	324
47	1-1/2"	3632	2581	2114	1834	1643	1502	1304	1168	1068	989	926	874	830	744	680
60	2"	7915	5538	4493	3874	3453	3144	2711	2416	2199	2031	1896	1785	1690	1507	1372

Table 7-4																
Maximum Capacity of Gastite®/FlashShield™ Flexible Gas Piping in Cubic Feet Per Hour of Natural Gas with a Gas Pressure of 0.5 psi or Less and a Pressure Drop of 2.0"WC (based on a 0.60 specific gravity gas)																
Tubing		Tubing Length (ft)														
EHD	Size	200	250	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500
13	3/8"	14	12	11	10	8	8	7	7	6	6	6	5	5	5	5
18	1/2"	42	38	34	30	27	24	23	21	20	19	18	17	17	16	16
23	3/4"	87	79	72	63	57	53	49	46	44	42	40	38	37	36	35
31	1"	191	172	157	137	123	113	105	98	93	88	84	81	78	75	73
37	1-1/4"	282	253	231	201	180	164	152	143	135	128	122	117	113	109	105
47	1-1/2"	590	528	483	419	376	343	318	298	281	267	255	244	235	226	219
60	2"	1183	1054	960	827	737	671	620	579	545	516	491	470	451	434	419

Tables include losses for four 90° bends and two end fittings. Tubing runs with a larger number of bends and/or fittings shall be increased by an equivalent length of tubing to the following equation: $L=1.3n$ where L is additional length of tubing and n is the number of additional fittings and/or bends.

Table 7-5																
Maximum Capacity of Gastite®/FlashShield™ Flexible Gas Piping in Cubic Feet Per Hour of Natural Gas with a Gas Pressure of 0.5 psi or Less and a Pressure Drop of 3.0"WC Line Regulator Outlet (8 in.WC) (based on a 0.60 specific gravity gas)																
Tubing		Tubing Length (ft)														
EHD	Size	5	10	15	20	25	30	40	50	60	70	80	90	100	125	150
13	3/8"	120	83	67	58	51	47	40	36	32	30	28	26	25	22	20
18	1/2"	318	226	185	160	144	131	114	102	93	86	81	76	72	65	59
23	3/4"	572	416	345	303	273	251	220	199	183	170	160	152	145	130	120
31	1"	1368	981	807	703	631	578	504	452	415	385	361	341	324	291	267
37	1-1/4"	2097	1493	1224	1063	953	871	757	678	620	575	539	508	483	433	396
47	1-1/2"	4435	3152	2581	2240	2007	1834	1592	1426	1304	1208	1131	1068	1014	908	830
60	2"	9755	6825	5538	4775	4256	3874	3340	2978	2711	2504	2337	2199	2083	1857	1690

Table 7-5																
Maximum Capacity of Gastite®/FlashShield™ Flexible Gas Piping in Cubic Feet Per Hour of Natural Gas with a Gas Pressure of 0.5 psi or Less and a Pressure Drop of 3.0"WC Line Regulator Outlet (8 in.WC) (based on a 0.60 specific gravity gas)																
Tubing		Tubing Length (ft)														
EHD	Size	200	250	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500
13	3/8"	17	15	14	12	11	10	9	8	8	7	7	7	6	6	6
18	1/2"	51	46	42	37	33	30	28	26	24	23	22	21	20	20	19
23	3/4"	105	95	87	76	69	63	59	56	53	50	48	46	44	43	42
31	1"	232	209	191	167	150	137	127	119	113	107	102	98	95	91	88
37	1-1/4"	344	308	282	245	219	201	186	174	164	156	149	143	137	132	128
47	1-1/2"	720	645	590	512	459	419	389	364	343	326	311	298	286	276	267
60	2"	1457	1299	1183	1020	909	827	764	713	671	636	605	579	555	535	516

Table 7-6																
Maximum Capacity of Gastite®/FlashShield™ Flexible Gas Piping in Cubic Feet Per Hour of Natural Gas with a Gas Pressure of 0.5 psi or Less and a Pressure Drop of 4.0"WC (based on a 0.60 specific gravity gas)																
Tubing		Tubing Length (ft)														
EHD	Size	5	10	15	20	25	30	40	50	60	70	80	90	100	125	150
13	3/8"	140	97	78	67	60	54	47	41	38	35	32	30	29	25	23
18	1/2"	366	260	213	185	165	151	131	118	107	100	93	88	83	75	68
23	3/4"	653	475	394	345	312	287	251	227	209	194	183	173	165	149	137
31	1"	1571	1126	927	807	725	664	578	520	476	442	415	392	372	334	306
37	1-1/4"	2415	1719	1409	1224	1097	1003	871	781	714	662	620	585	556	498	456
47	1-1/2"	5110	3632	2974	2581	2312	2114	1834	1643	1502	1392	1304	1230	1168	1046	956
60	2"	11314	7915	6423	5538	4936	4493	3874	3453	3144	2904	2711	2551	2416	2154	1960

Table 7-6																
Maximum Capacity of Gastite®/FlashShield™ Flexible Gas Piping in Cubic Feet Per Hour of Natural Gas with a Gas Pressure of 0.5 psi or Less and a Pressure Drop of 4.0"WC (based on a 0.60 specific gravity gas)																
Tubing		Tubing Length (ft)														
EHD	Size	200	250	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500
13	3/8"	20	18	16	14	12	11	10	10	9	8	8	8	7	7	7
18	1/2"	59	53	49	42	38	34	32	30	28	27	26	24	24	23	22
23	3/4"	120	108	100	87	79	72	67	63	60	57	55	53	51	49	48
31	1"	267	240	220	191	172	157	146	137	130	123	118	113	109	105	101
37	1-1/4"	396	355	324	282	253	231	214	201	189	180	172	164	158	152	147
47	1-1/2"	830	744	680	590	528	483	448	419	396	376	358	343	330	318	308
60	2"	1690	1507	1372	1183	1054	960	886	827	779	737	702	671	644	620	598

Tables include losses for four 90° bends and two end fittings. Tubing runs with a larger number of bends and/or fittings shall be increased by an equivalent length of tubing to the following equation: $L=1.3n$ where L is additional length of tubing and n is the number of additional fittings and/or bends.

Table 7-7																
Maximum Capacity of Gastite®/FlashShield™ Flexible Gas Piping in Cubic Feet Per Hour of Natural Gas with a Gas Pressure of 0.5 psi or Less and a Pressure Drop of 5.0"WC (based on a 0.60 specific gravity gas)																
Tubing		Tubing Length (ft)														
EHD	Size	5	10	15	20	25	30	40	50	60	70	80	90	100	125	150
13	3/8"	157	109	88	76	67	61	52	47	42	39	36	34	32	29	26
18	1/2"	409	290	238	206	185	169	146	131	120	111	104	98	93	83	76
23	3/4"	723	526	437	383	345	318	278	251	231	215	202	192	183	165	152
31	1"	1749	1254	1032	898	807	739	644	578	530	492	461	436	415	372	341
37	1-1/4"	2694	1918	1572	1365	1224	1119	972	871	797	739	692	653	620	556	508
47	1-1/2"	5704	4054	3320	2881	2581	2359	2048	1834	1677	1554	1455	1373	1304	1168	1068
60	2"	12692	8880	7205	6213	5538	5041	4346	3874	3527	3257	3041	2862	2711	2416	2199

Table 7-8																
Maximum Capacity of Gastite®/FlashShield™ Flexible Gas Piping in Cubic Feet Per Hour of Natural Gas with a Gas Pressure of 0.5 psi or Less and a Pressure Drop of 6.0"WC (based on a 0.60 specific gravity gas)																
Tubing		Tubing Length (ft)														
EHD	Size	200	250	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500
13	3/8"	22	20	18	15	14	13	12	11	10	10	9	9	8	8	8
18	1/2"	66	59	54	47	42	38	36	33	32	30	29	27	26	25	24
23	3/4"	133	120	110	97	87	80	75	70	67	63	61	58	56	54	53
31	1"	297	267	244	213	191	175	163	153	144	137	131	126	121	117	113
37	1-1/4"	441	396	362	314	282	258	239	224	211	201	191	183	176	170	164
47	1-1/2"	926	830	759	658	590	539	500	468	442	419	400	383	368	355	343
60	2"	1896	1690	1539	1327	1183	1077	994	928	874	827	788	753	723	696	671

Table 7-8																
Maximum Capacity of Gastite®/FlashShield™ Flexible Gas Piping in Cubic Feet Per Hour of Natural Gas with a Gas Pressure of 0.5 psi or Less and a Pressure Drop of 6.0"WC (based on a 0.60 specific gravity gas)																
Tubing		Tubing Length (ft)														
EHD	Size	5	10	15	20	25	30	40	50	60	70	80	90	100	125	150
13	3/8"	173	120	97	83	74	67	58	51	47	43	40	38	36	32	29
18	1/2"	447	318	260	226	202	185	160	144	131	122	114	107	102	91	83
23	3/4"	787	572	475	416	376	345	303	273	251	234	220	209	199	179	165
31	1"	1909	1368	1126	981	881	807	703	631	578	537	504	476	452	406	372
37	1-1/4"	2946	2097	1719	1493	1338	1224	1063	953	871	808	757	714	678	608	556
47	1-1/2"	6240	4435	3632	3152	2824	2581	2240	2007	1834	1700	1592	1502	1426	1278	1168
60	2"	13943	9755	7915	6825	6083	5538	4775	4256	3874	3578	3340	3144	2978	2654	2416

Table 7-8																
Maximum Capacity of Gastite®/FlashShield™ Flexible Gas Piping in Cubic Feet Per Hour of Natural Gas with a Gas Pressure of 0.5 psi or Less and a Pressure Drop of 6.0"WC (based on a 0.60 specific gravity gas)																
Tubing		Tubing Length (ft)														
EHD	Size	200	250	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500
13	3/8"	25	22	20	17	15	14	13	12	11	11	10	10	9	9	8
18	1/2"	72	65	59	51	46	42	39	37	34	33	31	30	29	28	27
23	3/4"	145	130	120	105	95	87	81	76	72	69	66	63	61	59	57
31	1"	324	291	267	232	209	191	178	167	157	150	143	137	132	127	123
37	1-1/4"	483	433	396	344	308	282	261	245	231	219	209	201	193	186	180
47	1-1/2"	1014	908	830	720	645	590	547	512	483	459	438	419	403	389	376
60	2"	2083	1857	1690	1457	1299	1183	1092	1020	960	909	865	827	794	764	737

Tables include losses for four 90° bends and two end fittings. Tubing runs with a larger number of bends and/or fittings shall be increased by an equivalent length of tubing to the following equation: $L=1.3n$ where L is additional length of tubing and n is the number of additional fittings and/or bends.

7.2 CSST Capacity Tables - Natural Gas - Elevated Pressure

Table 7-9																
Maximum Capacity of Gastite®/FlashShield™ Flexible Gas Piping in Cubic Feet Per Hour of Natural Gas with a Gas Pressure of 1.0 psi and a Pressure Drop of 13.0"WC (based on a 0.60 specific gravity gas)																
Tubing		Tubing Length (ft)														
EHD	Size	5	10	15	20	25	30	40	50	60	70	80	90	100	125	150
13	3/8"	261	181	146	125	111	101	87	77	70	65	60	57	53	48	43
18	1/2"	655	465	381	330	296	271	235	210	192	178	167	157	149	134	122
23	3/4"	1122	816	677	594	536	493	432	390	358	334	314	297	283	256	235
31	1"	2769	1984	1633	1422	1277	1170	1019	916	839	779	730	690	656	589	540
37	1-1/4"	4304	3064	2511	2181	1955	1788	1553	1392	1273	1180	1105	1043	991	888	812
47	1-1/2"	9134	6491	5316	4613	4133	3778	3279	2937	2685	2489	2330	2199	2087	1870	1709
60	2"	20768	14530	11790	10165	9061	8249	7112	6339	5771	5330	4976	4683	4435	3953	3599

Tubing		Tubing Length (ft)														
EHD	Size	200	250	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500
13	3/8"	37	33	30	26	23	21	19	18	17	16	15	14	14	13	13
18	1/2"	106	95	87	75	67	62	57	54	50	48	46	44	42	41	39
23	3/4"	206	186	171	150	135	124	116	109	103	98	94	91	87	84	82
31	1"	470	422	387	337	303	277	258	241	228	217	207	199	191	185	179
37	1-1/4"	705	632	578	502	450	412	382	357	337	320	306	293	282	272	263
47	1-1/2"	1484	1329	1215	1054	945	863	800	749	707	671	640	614	590	569	550
60	2"	3103	2766	2518	2171	1935	1762	1627	1519	1429	1354	1289	1232	1183	1138	1099

Table 7-10																
Maximum Capacity of Gastite®/FlashShield™ Flexible Gas Piping in Cubic Feet Per Hour of Natural Gas with a Gas Pressure of 2.0 psi and a Pressure Drop of 1.0 psi (based on a 0.60 specific gravity gas)																
Tubing		Tubing Length (ft)														
EHD	Size	5	10	15	20	25	30	40	50	60	70	80	90	100	125	150
13	3/8"	392	271	219	188	167	152	130	116	105	97	90	85	80	71	65
18	1/2"	957	679	556	483	432	395	343	307	281	260	243	230	218	195	179
23	3/4"	1596	1161	964	844	762	701	614	554	510	475	447	423	403	364	335
31	1"	4004	2869	2361	2056	1847	1692	1474	1324	1213	1126	1056	998	949	852	781
37	1-1/4"	6269	4463	3658	3177	2848	2604	2262	2027	1854	1719	1610	1520	1443	1294	1183
47	1-1/2"	13331	9474	7758	6733	6032	5514	4785	4287	3918	3632	3401	3209	3047	2729	2495
60	2"	30841	21577	17508	15096	13456	12249	10561	9414	8570	7915	7389	6954	6586	5871	5344

Tubing		Tubing Length (ft)														
EHD	Size	200	250	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500
13	3/8"	56	49	45	39	34	31	29	27	25	24	23	22	21	20	19
18	1/2"	155	139	127	110	99	90	83	78	74	70	67	64	62	59	57
23	3/4"	293	265	243	213	193	177	165	155	147	140	134	129	124	120	116
31	1"	680	611	560	487	438	401	372	349	330	314	300	287	277	267	258
37	1-1/4"	1027	921	842	731	656	600	556	521	491	467	445	427	410	396	383
47	1-1/2"	2165	1940	1773	1539	1379	1260	1168	1094	1032	980	935	896	861	830	802
60	2"	4608	4107	3739	3224	2874	2616	2416	2255	2123	2010	1914	1830	1756	1690	1631

Caution: Capacities shown in the elevated pressure tables may exceed the capacity of the line regulator. Refer to Section 4 for Regulator Capacities and Pressure Drops

Tables include losses for four 90° bends and two end fittings. Tubing runs with a larger number of bends and/or fittings shall be increased by an equivalent length of tubing to the following equation: L=1.3n where L is additional length of tubing and n is the number of additional fittings and/or bends.

Table 7-11																
Maximum Capacity of Gastite®/FlashShield™ Flexible Gas Piping in Cubic Feet Per Hour of Natural Gas with a Gas Pressure of 5.0 psi and a Pressure Drop of 3.5 psi (based on a 0.60 specific gravity gas)																
Tubing		Tubing Length (ft)														
EHD	Size	5	10	15	20	25	30	40	50	60	70	80	90	100	125	150
13	3/8"	760	527	425	365	324	295	253	225	204	188	175	165	156	138	126
18	1/2"	1775	1261	1032	896	802	733	636	570	521	483	452	426	405	363	331
23	3/4"	2838	2064	1713	1501	1355	1246	1092	986	906	844	794	752	717	647	595
31	1"	7311	5239	4312	3755	3373	3090	2691	2417	2214	2056	1929	1822	1732	1556	1426
37	1-1/4"	11587	8248	6761	5872	5263	4813	4180	3747	3426	3177	2976	2809	2667	2391	2186
47	1-1/2"	24713	17563	14382	12482	11182	10221	8871	7947	7264	6733	6304	5949	5648	5060	4625
60	2"	58818	41150	33391	28790	25662	23361	20142	17954	16344	15096	14092	13262	12561	11196	10192

Tubing		Tubing Length (ft)														
EHD	Size	200	250	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500
13	3/8"	108	96	87	75	66	60	56	52	49	46	44	42	40	39	37
18	1/2"	287	257	235	204	183	167	155	145	137	130	124	119	114	110	106
23	3/4"	521	471	433	379	342	315	293	276	261	249	238	229	221	213	207
31	1"	1242	1115	1022	890	799	732	680	638	603	573	547	525	505	487	471
37	1-1/4"	1899	1702	1556	1352	1212	1108	1027	962	908	863	823	789	758	731	707
47	1-1/2"	4014	3596	3287	2853	2556	2336	2165	2027	1913	1816	1733	1660	1596	1539	1487
60	2"	8788	7833	7131	6148	5480	4989	4608	4301	4048	3834	3650	3490	3349	3224	3111

Caution: Capacities shown in the elevated pressure tables may exceed the capacity of the line regulator. Refer to Section 4 for Regulator Capacities and Pressure Drops.

Table 7-12																
Maximum Capacity of Gastite®/FlashShield™ Flexible Gas Piping in Cubic Feet Per Hour of Natural Gas with a Gas Pressure of 10.0 psi and a Pressure Drop of 7.0 psi (based on a 0.60 specific gravity gas)																
Tubing		Tubing Length (ft)														
EHD	Size	5	10	15	20	25	30	40	50	60	70	80	90	100	125	150
13	3/8"	1097	760	613	527	468	425	365	324	295	271	253	238	225	200	181
18	1/2"	2499	1775	1453	1261	1129	1032	896	802	733	679	636	600	570	510	466
23	3/4"	3902	2838	2356	2064	1863	1713	1501	1355	1246	1161	1092	1034	986	890	818
31	1"	10201	7311	6016	5239	4707	4312	3755	3373	3090	2869	2691	2543	2417	2171	1989
37	1-1/4"	16276	11587	9498	8248	7394	6761	5872	5263	4813	4463	4180	3945	3747	3359	3071
47	1-1/2"	34773	24713	20237	17563	15734	14382	12482	11182	10221	9474	8871	8370	7947	7120	6508
60	2"	84071	58818	47727	41150	36680	33391	28790	25662	23361	21577	20142	18956	17954	16003	14568

Tubing		Tubing Length (ft)														
EHD	Size	200	250	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500
13	3/8"	156	138	126	108	96	87	80	75	70	66	63	60	58	56	54
18	1/2"	405	363	331	287	257	235	218	204	193	183	174	167	161	155	150
23	3/4"	717	647	595	521	471	433	403	379	359	342	328	315	303	293	284
31	1"	1732	1556	1426	1242	1115	1022	949	890	841	799	763	732	705	680	658
37	1-1/4"	2667	2391	2186	1899	1702	1556	1443	1352	1276	1212	1156	1108	1065	1027	993
47	1-1/2"	5648	5060	4625	4014	3596	3287	3047	2853	2692	2556	2438	2336	2246	2165	2093
60	2"	12561	11196	10192	8788	7833	7131	6586	6148	5786	5480	5218	4989	4787	4608	4447

Caution: Capacities shown in the elevated pressure tables may exceed the capacity of the line regulator. Refer to Section 4 for Regulator Capacities and Pressure Drops. *Gastite's current ANSI LC1/CSA6.26 certificate covers usage up to 5 PSI max. operating pressure. For use at operating pressure greater than 5 PSI, contact Gastite for further guidance.

Tables include losses for four 90° bends and two end fittings. Tubing runs with a larger number of bends and/or fittings shall be increased by an equivalent length of tubing to the following equation: $L=1.3n$ where L is additional length of tubing and n is the number of additional fittings and/or bends.