

## GAS SYSTEM COMPONENTS

### Pressure Regulators

#### Maxitrol

##### Vent Limiters and Protectors



- Designed for use indoors & in spaces where limiting the amount of gas escapement due to diaphragm failure is critical
- Meet ANSI Z21.80/CSA 6.66 (melting point of the limiter > 800°F)
- Do not use outdoors if the limiters will be exposed to the environment

HVAC No.	MFG Part No.	Description	Price
352615	12A04	Automatic Vent Limiter, for R & RV Series	\$13.80
97727	12A39	Automatic Vent Limiter, for 325-5A Regulator	\$30.43
393195	12A49	Automatic Vent Limiter, for 325-7 Regulator	\$153.62
360590	13A15-5	Vent Protector, 3/8" NPT, for 3/8" Vent	\$31.12
97728	13A15	Vent Protector, 1/8" NPT, for 1/8" Vent	\$21.67
416087	13A25	Vent Protector, 1/2" NPT, for 1/2" Vent	\$85.09

##### Appliance Regulators



- Lock up regulator
- Valve designed to maintain steady outlet pressure in spite of varying inlet pressure
- Provides precise regulation over a wide range of pressures & flow rates
- Integrated dampening mechanism improves regulating stability & reduces hunting tendencies
- Four locations can be tapped & plugged for measuring pressure

HVAC No.	MFG Part No.	Description	Spring Included	Price
97729	210D-1-36	Gas Pressure Regulator, 1"	R8110-36	\$757.55
97731	210D-1-1/4-36	Gas Pressure Regulator, 1-1/4"	R8110-36	\$757.55
97730	210D-1-1/2-36	Gas Pressure Regulator, 1-1/2"	R8110-36	\$757.55
97736	210E-2-36	Gas Pressure Regulator, 2"	R9110-36	\$1,296.58

##### Small Regulators



- Designed for main burner & pilot load applications
- Suitable for multi-positional mounting
- Can be used with natural, manufactured, mixed gases, liquefied petroleum gases and LP gas-air mixtures
- Ambient temperature range from 32 to 275°F

HVAC No.	MFG Part No.	Description	Price
97781	RV48-1/2	Gas Pressure Regulator, 3-6" WC	\$53.72

##### Line Regulators, 2 lb



- Regulator for 2 psi piping systems
- High leverage linkage assembly delivers dead-end lock up
- Capable of precise regulating control from full flow to pilot flow
- Suitable for multi-positional mounting
- Can be used with natural, manufactured, mixed gases, liquefied petroleum gases and LP gas-air mixtures
- Ambient temperature range from -40 to 205°F
- Part# 350418 may be ordered with Imblue Technology™ which increases corrosion resistance for regulators used in outdoor applications

HVAC No.	MFG Part No.	Description	Includes:	Price
350418	325-3L-1/2	Line Pressure Regulator, 1/2"	12A09 Vent Limiter	\$55.10
350420	325-5AL-3/4	Line Pressure Regulator, 3/4"	12A39 Vent Limiter	\$107.90
350421	325-5AL-1	Line Pressure Regulator, 1"	12A39 Vent Limiter	\$113.48
350422	325-7AL-11/4	Line Pressure Regulator, 1-1/4"	12A49 Vent Limiter	\$357.92
350423	325-7AL-11/2	Line Pressure Regulator, 1-1/2"	12A49 Vent Limiter	\$388.46

# GAS SYSTEM COMPONENTS

## Pressure Regulators

### Maxitrol

Line Regulators, 5 lb



- Regulator for 5 psi piping systems
- High leverage linkage assembly delivers dead-end lock up
- Capable of precise regulating control from full flow to pilot flow
- Suitable for multi-positional mounting
- Can be used with natural, manufactured, mixed gases, liquefied petroleum gases and LP gas-air mixtures
- Ambient temperature range from -40 to 205°F
- Both models may be ordered with Imblue Technology™ which increases corrosion resistance for regulators used in outdoor applications

HVAC No.	MFG Part No.	Description	Includes:	Price
323045	325-3L48-1/2	Line Pressure Regulator, 1/2"	OPD48 and 12A09 Limiter	\$106.62
323046	325-5AL48-3/4	Line Pressure Regulator, 3/4"	OPD48 and 12A09 Limiter	\$173.19
323047	325-5AL600-1	Line Pressure Regulator, 1"	OPD600 and 12A39 Vent Limiter	\$353.58

### Vent Dampeners



HVAC No.	MFG Part No.	Description	Price
326901	KVOP-4	Fits 325-7 Series	\$16.59

### Springs



HVAC No.	MFG Part No.	Description	Price
97773	R8110.1022	Spring, Red	\$36.12
321838	R8110.412	Spring, Violet	\$14.26
322340	R8110.512	Spring, Blue	\$13.59
322344	R8110.36	Spring, 3-6" W.C. Plated	\$10.86
352436	R325C10-711	Spring, 7-11" White	\$7.06
352437	R325E10-711A	Spring, 7-11" White	\$4.83
97764	R325C10-59	Spring, 5-9" W.C. Plated	\$7.06

## Flexible Gas Pipe

### Gastite

Manifolds

- Ability to shut off individual runs for maintenance



HVAC No.	MFG Part No.	Description	Price
391975	3-PORTMAN	3-Port, Cast, With PT Port, 3/4"F x 3@ 1/2"F x 1/2"F	\$52.86
64019	4-PORTMAN	4-Port, Cast, 3/4"F x 1/2"F x 1/2"F	\$58.15
320904	5-PORTMAN-1	5-Port, Cast, With PT Port, 1"F x 1@3/4"F x 4@1/2"F x 3/4"F	\$60.61
391976	5-PORTMAN-3	5-Port, Cast, 1-1/4"F x 3@ 1/2"F x 1"F	\$87.55

### Flashshield Tubing



- Lightning resistant
- Requires no additional bonding & installs 30-70% faster than traditional piping methods
- For use with natural gas or liquefied petroleum gas
- Only metallically shielded CSST on the market
- Pre-marked by the foot for easy measuring & installation
- Annealed 304 stainless steel makes tubing more flexible than brands not heat-treated

HVAC No.	MFG Part No.	Description	Length	Price
412751	FS-8-25	1/2" Diameter	25 Foot	\$153.05
392884	FS-8-50	1/2" Diameter	50 Foot	\$280.92
392888	FS-8-125	1/2" Diameter	125 Foot	\$694.41
392891	FS-8-250	1/2" Diameter	250 Foot	\$1,245.53
412753	FS-11-25	3/4" Diameter	25 Foot	\$199.40

GAS SYSTEM COMPONENTS

## GAS SYSTEM COMPONENTS

### Flexible Gas Pipe

#### Gastite

##### Flashshield Tubing

HVAC No.	MFG Part No.	Description	Length	Price
392886	FS-11-50	3/4" Diameter	50 Foot	\$365.21
392890	FS-11-125	3/4" Diameter	125 Foot	\$898.97
392893	FS-11-250	3/4" Diameter	250 Foot	\$1,645.12
392887	FS-16-50	1" Diameter	50 Foot	\$514.25
392892	FS-16-150	1" Diameter	150 Foot	\$1,368.02
446549	FS-20-50	1-1/4" Diameter	50 Foot	\$689.09
446216	FS-20-150	1-1/4" Diameter	150 Foot	\$1,902.37
456288	FS-20-300	1-1/4" Diameter	300 Foot	\$3,454.63
456289	FS-24-100	1-1/2" Diameter	100 Foot	\$2,004.95

#### Cutters and Blades



- Cutting wheels designed to cut stainless steel cleanly for optimal flaring of tubing
- Ergonomic design
- 4 roller system for less walking
- Easy to change out wheels

HVAC No.	MFG Part No.	Description	Price
161897	GTCUTTER-SM	Cutter, Small, Fits 3/8" To 1" Diameters	\$117.33
161895	GTCUTTER-LG	Cutter, Large, Fits up to 1-1/2" Diameter	\$173.59
161894	GTBLADE-SM-5	Replacement Blades for GTCUTTER-SM, Pack of 5	\$40.07
161896	GTBLATE-LG-5	Replacement Blades for GTCUTTER-LG, Pack of 5	\$87.32

#### Manifold Mounting Kits



HVAC No.	MFG Part No.	Description	Price
64085	MBRACE-1	16 Gauge Galvanized	\$27.24
411995	MBRACE-3	14 Gauge Galvanized	\$30.98

#### Quick Connect Accessories



HVAC No.	MFG Part No.	Description	Price
368671	QCBOXPW	1/2" Quick Connect Box, White PVC, Surface Mount	\$219.95
422935	QCBOXSS	1/2" Quick Connect Box, Stainless, Recess Mount	\$308.15
64103	QUIK-VALVE	1/2" Quick Connect Valve	\$123.82

#### Striker Plates



HVAC No.	MFG Part No.	Description	Price
64112	STRK-3X2	Striker Plate, 3" x 2"	\$2.42
64113	STRK-3X7	Striker Plate, 3" x 7"	\$4.83

#### Jacket Strippers



HVAC No.	MFG Part No.	Description	Price
446758	STRP3-8-24	Jacket Stripping Tool, 1/2"	\$20.85
446787	STRP3-11-24	Jacket Stripping Tool, 3/4"	\$21.25
446788	STRP3-16-24	Jacket Stripping Tool, 1"	\$23.98
446789	STRP3-20-24	Jacket Stripping Tool, 1-1/4"	\$34.06
446790	STRP3-24-12	Jacket Stripping Tool, 1-1/2"	\$65.94
446791	STRP3-32-12	Jacket Stripping Tool, 2"	\$68.21

## GAS SYSTEM COMPONENTS

### Flexible Gas Pipe

#### Gastite

##### Meter Stubs



HVAC No.	MFG Part No.	Description	Price
64119	STUB-MET-1X12	Meter Stub, 1"M x 12"L	\$31.65
64120	STUB-MET-1X6	Meter Stub, 1"M x 6"L	\$30.51
64121	STUB-MET-34X1	Meter Stub, 3/4"M x 12"L	\$29.93
64122	STUB-MET-34X6	Meter Stub, 3/4"M x 6"L	\$29.34

##### XR3 Stubs



HVAC No.	MFG Part No.	Description	Price
448607	XR3-APSTUB-11-11	3/4" x 1-1/2" Length x 3/4" NPT	\$68.59
448574	XR3-APSTUB-8-10	1/2" x 1-1/2" Length x 1/2" NPT	\$52.92

##### XR3 Fittings



- Metal lock for enhanced continuity
- Tool-less flare design; no special tools are required
- Metal-to-metal seal, with no split rings, O-rings or gaskets
- Self-guiding assembly to ensure a perfectly even flare
- Exclusive, patented Jacket-Lock™ fitting eliminates exposed stainless steel beyond the nut
- All components are fully reusable

HVAC No.	MFG Part No.	Description	Price
448577	XR3CPL-8-12	Coupling, 1/2"	\$47.21
448575	XR3CPL-11-12	Coupling, 3/4"	\$75.50
448576	XR3CPL-16-6	Coupling, 1"	\$96.01
448581	XR3FTG-8-24	Straight Fitting, 1/2" NPT	\$22.53
448578	XR3FTG-11-24	Straight Fitting, 3/4" NPT	\$31.84
448579	XR3FTG-16-12	Straight Fitting, 1" NPT	\$45.80
448580	XR3FTG-20-6	Straight Fitting, 1-1/4" NPT	\$96.73
457002	XR3FTG-24-4	Straight Fitting, 1-1/2" NPT	\$233.08
448584	XR3FTGFM-8-24	Straight Female Fitting, 1/2" Female NPT	\$28.18
448582	XR3FTGFM-11-24	Straight Female Fitting, 3/4" Female NPT	\$38.75
448583	XR3FTGFM-11-8-24	Straight Female Fitting, 3/4" to 1/2" Female NPT	\$36.58
448589	XR3REDFTG-11-08-24	Reducing Fitting, 3/4" to 1/2" NPT	\$52.46

##### XR3 Outlet Boxes



HVAC No.	MFG Part No.	Description	Price
448585	XR3OUTLETBOX-11	Recessed Gas, 3/4" Connection	\$101.20
448586	XR3OUTLETBOX-8	Recessed Gas, 1/2" Connection	\$74.66
448587	XR3OUTLETBOXFR11	Recessed Firestop Gas, 3/4" Connection	\$163.42
448588	XR3OUTLETBOXFR8	Recessed Firestop Gas, 1/2" Connection	\$150.07

##### XR3 Tees



- Metal lock for enhanced continuity
- Tool-less flare design; no special tools are required
- Metal-to-metal seal, with no split rings, O-rings or gaskets
- Self-guiding assembly to ensure a perfectly even flare
- Exclusive, patented Jacket-Lock™ fitting eliminates exposed stainless steel beyond the nut
- All components are fully reusable

HVAC No.	MFG Part No.	Description	Price
448590	XR3T-11-11-8-6	3/4" Run x 3/4" Run x 1/2" Tee	\$101.60
448591	XR3T-11-12	3/4" Run x 3/4" Run x 3/4" Tee	\$102.52
448592	XR3T-11-8-8-6	3/4" Run x 1/2" Run x 1/2" Tee	\$86.56
448593	XR3T-8-12	1/2" Run x 1/2" Run x 1/2" Tee	\$77.39

## GAS SYSTEM COMPONENTS

### Flexible Gas Pipe

#### Gastite

##### XR3 Termination Fittings



- Metal lock for enhanced continuity
- Tool-less flare design; no special tools are required
- Metal-to-metal seal, with no split rings, O-rings or gaskets
- Self-guiding assembly to ensure a perfectly even flare
- Exclusive, patented Jacket-Lock™ fitting eliminates exposed stainless steel beyond the nut
- All components are fully reusable

HVAC No.	MFG Part No.	Description	Price
448602	XR3TRM-8-CB-12	With Bronze Flange, 1/2" to 1/2" NPT	\$50.23
448596	XR3TRM-11-CB-12	With Bronze Flange, 3/4" to 3/4" NPT	\$67.56
448599	XR3TRM-16-CB-6	With Bronze Flange, 1" to 1" NPT	\$99.10
448601	XR3TRM-8-12	With Square Flange, 1/2" to 1/2" NPT	\$35.57
448595	XR3TRM-11-12	With Square Flange, 3/4" to 3/4" NPT	\$37.57
448598	XR3TRM-16-6	With Square Flange, 1" to 1" NPT	\$60.71
448604	XR3TRM-8-NF-12	No Flange, 1/2" to 1/2" NPT	\$32.38
448597	XR3TRM-11-NF-12	No Flange, 3/4" to 3/4" NPT	\$36.96
448606	XR3TRMBKT-8-12	Bracket Fitting, 1/2" to 1/2" NPT	\$38.54
448605	XR3TRMBKT-11-12	Bracket Fitting, 3/4" to 3/4" NPT	\$37.57

### Gas Burners

#### Midco



- Flexible compact design
- Multiple retention plates & flange options allow more flexibility in OEM and replacement applications
- Operates under variable draft or positive pressure conditions
- Electronic flame safety with direct spark ignition
- New blower & patent pending burner head design requires less oxygen, which increases the efficiency of the motor
- Made in the USA

HVAC No.	MFG Part No.	Description	Gas Pressure Required	Price
322701	EC200	Gas Conversion Burner, 70-200 MBH	6.0" - 14.0" WC	\$1,654.65
322702	EC300	Gas Conversion Burner, 90-300 MBH	6.0" - 14.0" WC	\$1,737.20

#### Carlin



- Converts existing oil-fired boilers, furnaces, and water heaters to natural gas or propane at a fraction of the cost of replacing the appliance
- Factory-packed combustion control & gas fuel train
- Does not require a refractory liner - fires with or without a combustion chamber
- 5 year limited warranty

HVAC No.	MFG Part No.	Description	Price
418573	9859210FRU	EZGas Pro Universal Burner, 10" Air Tube	\$1,555.70
418574	9859214FRU	EZGas Pro Universal Burner, 14" Air Tube	\$1,568.49

#### Service Kits



HVAC No.	MFG Part No.	Description	Price
418576	GPROTOTE	EZGas Pro Service Kit	\$939.50

## GAS SYSTEM COMPONENTS

### Gas Ball Valves



HVAC No.	MFG Part No.	Description	Price
92987	73495	1/2" FIP	\$8.72
92988	73496	3/4" FIP	\$13.76
211198	102-905	1" FIP	\$32.87

### Flexible Connectors



HVAC No.	MFG Part No.	Description	Price
92971	73402	Stainless, 1/2" ID, 18" Long, 1/2" MIP x 1/2" MIP	\$48.17
92973	73418	Stainless, 1/2" ID, 36" Long, 1/2" FIP x 1/2" FIP	\$57.73
92979	73432	Stainless, 1/2" ID, 36" Long, 1/2" MIP x 1/2" MIP	\$62.54
92980	73433	Stainless, 1/2" ID, 48" Long, 1/2" FIP x 1/2" MIP	\$64.26
438446	RANGE18	Gas Connector, 1/2" ID, 18" Long	\$31.27
425676	RANGE24	Gas Connector, 1/2" ID, 24" Long	\$35.24
425678	RANGE36	Gas Connector, 1/2" ID, 36" Long	\$40.51

GAS SYSTEM COMPONENTS

# GAS SYSTEM COMPONENTS

## Gastite Sizing Guide

### Sizing Guide for Gastite Flexible Gas Piping (Natural Gas)

Source is gastite.com. Gastite publishes more charts for more combinations of pressure and pressure drop. The most common are shown below.

**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 7-10**  
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:  $L = 1.3 n$ , where L is additional length of tubing and n is the number of additional fittings and/or bends.

# GAS SYSTEM COMPONENTS

## Gastite Sizing Guide

### Sizing Guide for Gastite Flexible Gas Piping (Liquefied Petroleum, or LP)

Source is gastite.com. Gastite publishes more charts for more combinations of pressure and pressure drop. The most common are shown below.

**Table 7-13**

Maximum Capacity of Gastite®/FlashShield™ Flexible Gas Piping in Thousands of BTU Per Hour of Liquefied Petroleum Gas with a Gas Pressure of 0.5 psi or Less and a Pressure Drop of 0.5"WC (based on a 1.52 specific gravity LP 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"	74	51	41	35	31	29	25	22	20	18	17	16	15	13	12
18	1/2"	208	148	121	105	94	86	75	67	61	57	53	50	47	42	39
23	3/4"	398	290	240	211	190	175	153	138	127	118	111	106	101	91	83
31	1"	917	657	541	471	423	387	337	303	278	258	242	229	217	195	179
37	1-1/4"	1381	983	806	700	627	574	498	446	408	379	355	335	318	285	261
47	1-1/2"	2907	2066	1692	1468	1316	1203	1044	935	855	792	742	700	664	595	544
60	2"	6141	4296	3486	3006	2679	2439	2103	1874	1706	1576	1471	1385	1311	1169	1064

  

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	9	8	7	6	6	5	5	5	4	4	4	4	4	4
18	1/2"	34	30	28	24	21	20	18	17	16	15	15	14	13	13	12
23	3/4"	73	66	61	53	48	44	41	39	37	35	33	32	31	30	29
31	1"	156	140	128	112	100	92	85	80	76	72	69	66	63	61	59
37	1-1/4"	226	203	185	161	144	132	122	115	108	103	98	94	90	87	84
47	1-1/2"	472	423	387	336	301	275	255	239	225	214	204	195	188	181	175
60	2"	917	818	744	642	572	521	481	449	423	400	381	364	350	337	325

**Table 7-18**

Maximum Capacity of Gastite®/FlashShield™ Flexible Gas Piping in Thousands of BTU Per Hour of Liquefied Petroleum Gas with a Gas Pressure of 2.0 psi or Less and a Pressure Drop of 1.0"PSI (based on a 1.52 specific gravity LP 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"	621	430	347	298	265	241	207	184	167	154	143	135	127	113	103
18	1/2"	1516	1077	882	765	685	626	543	487	445	412	386	364	346	310	283
23	3/4"	2530	1840	1527	1338	1208	1111	973	879	808	753	708	671	639	577	530
31	1"	6346	4548	3743	3259	2928	2682	2336	2098	1922	1785	1674	1582	1504	1351	1237
37	1-1/4"	9937	7074	5798	5036	4514	4128	3585	3213	2938	2725	2552	2409	2287	2050	1875
47	1-1/2"	21129	15016	12297	10672	9561	8739	7584	6795	6211	5756	5390	5086	4829	4326	3954
60	2"	48882	34199	27750	23926	21327	19415	16739	14921	13583	12546	11711	11022	10439	9305	8471

  

Tubing		Tubing Length (ft)														
EHD	Size	200	250	300	400	500	600	700	800	900	1000	1100	1200	1300	1400	1500
13	3/8"	88	78	71	61	54	49	45	42	40	38	36	34	33	31	30
18	1/2"	246	220	201	174	156	143	132	124	117	111	106	101	97	94	91
23	3/4"	465	420	386	338	305	281	261	246	233	222	212	204	197	190	184
31	1"	1078	968	887	772	694	636	590	553	523	497	475	455	438	423	409
37	1-1/4"	1628	1460	1335	1159	1039	950	881	825	779	740	706	676	650	627	606
47	1-1/2"	3432	3074	2810	2439	2185	1997	1851	1733	1636	1553	1482	1419	1365	1316	1272
60	2"	7303	6510	5926	5110	4555	4146	3829	3575	3364	3186	3034	2901	2783	2679	2586

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:  $L = 1.3 n$ , where L is additional length of tubing and n is the number of additional fittings and/or bends.

GAS SYSTEM COMPONENTS