Equivalent Hydraulic Diameter (EHD): A theoretical sizing which is used to compare the hydraulic performance between manufacturers. A higher EHD number indicates greater flow capacity of piping

Tables includes losses for four 90 degree bends and two (2) end fittings. Tubing runs with larger numbers of bends and/or fitting shall be increased by an equivalent length of tubing according to the following formula: $L = 1.3 \times (n)$ where L is the additional length of tubing necessary and n is the number of additional fittings and/or bends.

Table 7.7 Propane Low Pressure (11 in w.c. with 0.5 in drop)

Maximum Capacity of STANDARD FLEX CSST in Cubic Feet per Hour (CFH) of House Propane Gas (Approximate 2520 BTU per cubic foot)

Minimum Gas Pressure 11 in w.c. **Pressure Drop 0.5 in w.c.** (Based on a 1.52 specific gravity of gas)

Tube Size	EHD	Tubing Length (ft)																			
		5	10	15	20	25	30	40	50	60	70	75	80	90	100	125	150	200	300	400	500
½"	18	150	108	90	78	70	65	56	51	47	43	42	41	39	37	33	30	26	22	19	17
3/4"	25	447	316	258	223	200	182	158	141	129	119	115	112	105	100	89	82	71	58	50	45
1"	31	990	672	535	455	402	363	309	273	246	226	217	210	196	185	163	147	125	100	85	75

Table 7.8 Propane Medium Pressure (13 - 14 in w.c. with 2.5 in drop)

Maximum Capacity of STANDARD FLEX CSST in Cubic Feet per Hour (CFH) of House Propane Gas (Approximate 2520 BTU per cubic foot)

Minimum Gas Pressure 13 - 14 in w.c. **Pressure Drop 2.5 in w.c.** (Based on a 1.52 specific gravity of gas)

Tube Size	EHD	Tubing Length (ft)																			
		5	10	15	20	25	30	40	50	60	70	75	80	90	100	125	150	200	300	400	500
½"	18	322	232	192	168	151	139	121	109	100	93	90	87	83	79	71	65	57	47	41	37
3/4"	25	1000	712	584	507	454	416	361	324	296	274	265	257	243	230	207	189	164	134	117	105
1"	31	2449	1661	1324	1127	994	898	764	675	609	559	537	518	485	458	404	365	310	247	211	186