TABLE 12-35 Corrugated Stainless Steel Tubing (CSST) [NFPA 54: Table 6.3(h)]

									Gas:	Undiluted Propane				
									Inlet Pressure:	279mm w.c.				
									Pressure Drop:	12.7mm w.c.				
									Specific Gravity:	1.50				
INTENDED USE: CSST Sizing Between Single or Second Stage (Low Pressure) Regulator and Appliance Shutoff Valve														
	Tube Size (EHD)*													
Flow Designation:	**13**	**15**	**18**	**19**	**23**	**25**	**30**	**31**	**37**	**39**	**46**	**48**	**60**	**62**
Length (m)	**Capacity in kW**													
1.6	21.1	29.0	53.0	61.8	104.0	124.8	218.0	252.9	416.1	479.9	829.2	958.1	1,693.5	1,919.2
3	14.7	20.2	37.8	44.0	74.4	88.8	152.7	177.3	284.5	345.4	583.1	679.8	1,204.2	1,359.5
4.5	11.4	16.1	30.5	35.5	60.9	72.7	123.6	143.6	227.1	284.8	474.7	556.7	987.4	1,110.5
6	10.0	14.4	26.7	31.1	53.6	63.3	106.9	124.5	193.7	248.2	410.2	483.5	858.5	964.0
7.5	8.8	12.3	24.0	27.5	48.1	56.3	95.2	111.0	170.8	223.3	366.3	433.6	770.6	861.4
9	8.2	11.4	21.7	25.5	44.2	51.9	87.0	100.8	154.7	204.5	334.0	395.6	703.2	785.2
12	6.7	9.7	18.8	21.7	38.4	44.8	75.0	87.0	131.6	178.7	289.5	342.8	612.4	682.7
15	5.9	8.8	17.0	19.3	34.6	40.1	66.5	77.6	116.3	160.6	259.0	307.7	547.9	609.4
18	5.6	7.6	15.5	17.6	31.4	36.9	60.7	70.6	105.2	147.1	235.9	281.6	501.0	556.7
21	5.0	7.3	14.4	16.7	29.0	34.3	56.0	65.0	96.7	136.5	218.3	260.8	465.9	515.7
24	4.4	6.7	13.2	15.2	27.5	31.9	52.2	60.9	90.0	128.3	203.9	244.1	436.6	483.5
27	4.4	6.4	12.9	14.7	26.4	29.9	49.5	57.7	83.8	121.3	192.2	230.6	410.2	454.2
30	4.1	5.9	12.0	13.8	24.9	28.7	46.6	54.5	79.1	115.1	182.0	218.6	389.7	433.6
45	3.2	4.4	9.1	10.5	19.3	22.0	36.0	41.9	63.6	94.9	148.3	179.0	319.4	354.5
60	2.6	4.1	8.2	9.7	17.6	20.2	32.8	37.8	53.6	82.9	128.3	155.6	277.8	307.7
75	2.3	3.5	7.3	8.8	15.5	17.9	29.0	34.3	47.8	74.4	114.3	139.5	249.1	273.7
90	2.3	3.2	6.7	7.6	14.7	16.7	26.4	31.4	43.1	68.6	104.6	127.2	227.7	250.2

*EHD = Equivalent Hydraulic Diameter, which is a measure of the relative hydraulic efficiency between different tubing sizes. The greater the value of EHD, the greater the gas capacity of the tubing.

Notes:

(1) Table includes losses for four 90 degree bends and two end fittings. Tubing runs with larger numbers 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 (ft) of tubing and n is the number of additional fittings and/or bends.

(2) All table entries are rounded to 3 significant digits.

SI: 1m = 3.3 ft.; 1mm = 0.04 in.; $1m^3 = 33.3\ ft.^3$; 1bar = 14.5 psi