

## **RESIDENTIAL GAS INFORMATION**



- Gas installations should be done by a Journeyman Gasfitter; however, homeowners are allowed to install gas lines and appliances if they own and reside in the home.
- Air tests are witnessed by the gas supplier or by means set out by the local authority, the Safety Codes Officer does not witness an air test.
- When using corrugated stainless-steel tubing (CSST), you MUST use the brand's certified installation and sizing instructions. CSST also requires you to have a ticket to install before you run it in your home.
- Majority of venting for the energy efficient appliances are to be done to the manufacturer's certified instructions.
- Secondary lines to be buried 15 to 24 inches below grade with a tracer wire. They can be deeper when required for added protection. For example, a farm field where equipment is working up the land.
- All underground piping shall rise above ground before entering a building.
- All propane tank sets and installations require a permit.

**Table A.2**  
**Maximum capacity of natural gas in thousands of Btu/h for**  
**Schedule 40 pipe and plastic pipe, including fittings, for pressures**  
**of 7 in w.c. up to 14 in w.c. based on a pressure drop of 1 in w.c.**  
 (See Clauses 6.3.2, 6.3.4, 6.3.5, A.2.3, A.2.4, A.2.6, A.3.5, E.1.2, and E.2.2.)

(a) Imperial

Length of pipe, ft	Pipe size (NPS)								
	1/2	3/4	1	1-1/4	1-1/2	2	2-1/2	3	4
10	227	474	894	1 835	2 749	5 295	8 439	14 919	30 429
20	156	326	614	1 261	1 890	3 639	5 800	10 253	20 914
30	125	262	493	1 013	1 517	2 922	4 658	8 234	16 795
40	107	224	422	867	1 299	2 501	3 986	7 047	14 374
50	95	199	374	768	1 151	2 217	3 533	6 246	12 739
60	86	180	339	696	1 043	2 008	3 201	5 659	11 543
70	79	166	312	640	959	1 848	2 945	5 206	10 619
80	74	154	290	596	893	1 719	2 740	4 843	9 879
90	69	145	272	559	837	1 613	2 571	4 544	9 269
100	65	137	257	528	791	1 524	2 428	4 293	8 756
125	58	121	228	468	701	1 350	2 152	3 805	7 760
150	52	110	207	424	635	1 223	1 950	3 447	7 031
175	48	101	190	390	584	1 126	1 794	3 171	6 469
200	45	94	177	363	544	1 047	1 669	2 950	6 018
250	40	83	157	322	482	928	1 479	2 615	5 333
300	36	75	142	291	437	841	1 340	2 369	4 832
350	33	69	131	268	402	774	1 233	2 180	4 446
400	31	64	121	249	374	720	1 147	2 028	4 136
450	29	61	114	234	351	675	1 076	1 903	3 881
500	27	57	108	221	331	638	1 017	1 797	3 666
600	25	52	98	200	300	578	921	1 628	3 321
700	23	48	90	184	276	532	847	1 498	3 056
800	21	44	83	171	257	495	788	1 394	2 843
900	20	42	78	161	241	464	740	1 308	2 667
1 000	19	39	74	152	228	438	699	1 235	2 519
1 200	17	36	67	138	206	397	633	1 119	2 283
1 400	16	33	62	127	190	365	582	1 030	2 100
1 600	15	30	57	118	177	340	542	958	1 954
1 800	14	29	54	111	166	319	508	899	1 833
2 000	13	27	51	104	156	301	480	849	1 732

(Continued)

## Gas Meter with Connection to Secondary Gas Line

