

TABLE 6
UNIFORM CODES GAS LINE SIZING CHART

TABLE NO. 22-D—SIZE OF GAS PIPING
Maximum Delivery Capacity in Cubic Feet of Gas Per Hour of I.P.S. Pipe Carrying Natural Gas of 0.60 Specific Gravity
Based on 0.5-Inch Water Column Pressure Drop

PIPE SIZE (In Inches)	LENGTH OF PIPE (In Feet)										
	10'	20'	30'	40'	50'	60'	70'	80'	90'	100'	125'
1/2	174	119	96	82	73	66	61	56	53	50	44
3/4	363	249	200	171	152	138	127	118	111	104	93
1	684	470	377	323	286	259	239	222	208	197	174
1 1/4	1,404	965	775	663	588	532	490	456	428	404	358
1 1/2	2,103	1,445	1,161	993	880	798	734	683	641	605	536
2	4,050	2,784	2,235	1,913	1,696	1,536	1,413	1,315	1,234	1,165	1,033
2 1/2	6,455	4,437	3,563	3,049	2,703	2,449	2,253	2,096	1,966	1,857	1,646
3	11,412	7,843	6,299	5,391	4,778	4,329	3,983	3,983	3,476	3,284	2,910
3 1/2	16,709	11,484	9,222	7,893	6,995	6,338	5,831	5,425	5,090	4,808	4,261
4	23,277	15,998	12,847	10,995	9,745	8,830	8,123	7,557	7,090	6,698	5,936
	150'	200'	250'	300'	350'	400'	450'	500'	550'	600'	
1/2	40	34	30	28	25	24	22	21	20	19	
3/4	84	72	64	58	53	49	46	44	42	40	
1	158	135	120	109	100	93	87	82	78	75	
1 1/4	324	278	246	223	205	191	179	169	161	153	
1 1/2	486	416	369	334	309	286	268	253	241	230	
2	936	801	710	643	592	551	517	488	463	442	
2 1/2	1,492	1,277	1,131	1,025	943	877	823	778	739	705	
3	2,637	2,257	2,000	1,812	1,667	1,551	1,455	1,375	1,306	1,246	
3 1/2	3,861	3,304	2,929	2,654	2,441	2,271	2,131	2,013	1,912	1,824	
4	5,378	4,603	4,080	3,697	3,401	3,164	2,968	2,804	2,663	2,541	

TABLE NO. 22-F—MEDIUM-PRESSURE NATURAL GAS SYSTEM
For Sizing Gas Piping Systems Carrying Gas of 0.60 Specific Gravity Capacity of Pipes of Different Diameters and Lengths in Cubic Feet per Hour for Gas Pressure of 3.0 psi with a Drop to 1.5 psi

PIPE SIZE (In Inches)	LENGTH OF PIPE (In Feet)											
	50'	100'	150'	200'	250'	300'	350'	400'	450'	500'	550'	600'
1/2	857	589	473	405	359	325	299	278	261	247	234	224
3/4	1,793	1,232	990	847	751	680	626	582	546	516	490	467
1	3,377	2,321	1,864	1,595	1,414	1,281	1,179	1,096	1,029	972	923	881
1 1/4	6,934	4,766	3,827	3,275	2,903	2,630	2,420	2,251	2,112	1,995	1,895	1,808
1 1/2	10,389	7,140	5,734	4,908	4,349	3,941	3,626	3,373	3,165	2,989	2,839	2,709
2	20,008	13,752	11,043	9,451	8,377	7,590	6,983	6,496	6,095	5,757	5,468	5,216
2 1/2	31,890	21,918	17,601	15,064	13,351	12,097	11,129	10,353	9,714	9,176	8,715	8,314
3	56,376	38,747	31,115	26,631	23,602	21,385	19,674	18,303	17,173	16,222	15,406	14,698
	650'	700'	750'	800'	850'	900'	950'	1000'	1100'	1200'	1300'	1400'
1/2	214	206	198	191	185	180	174	170	161	154	147	141
3/4	448	430	414	400	387	375	365	355	337	321	308	296
1	843	810	780	754	729	707	687	668	634	605	580	557
1 1/4	1,731	1,663	1,602	1,547	1,497	1,452	1,410	1,371	1,302	1,242	1,190	1,143
1 1/2	2,594	2,492	2,401	2,318	2,243	2,175	2,112	2,055	1,951	1,862	1,783	1,713
2	4,995	4,799	4,623	4,465	4,321	4,189	4,068	3,957	3,758	3,585	3,433	3,298
2 1/2	7,962	7,649	7,369	7,116	6,886	6,677	6,484	6,307	5,990	5,714	5,472	5,257
3	14,075	13,522	13,027	12,580	12,174	11,803	11,463	11,149	10,589	10,102	9,674	9,294
4	28,709	27,581	26,570	25,658	24,831	24,074	23,380	22,741	21,598	20,605	19,731	18,956

TABLE NO. 22-G—MEDIUM-PRESSURE NATURAL GAS SYSTEM
For Sizing Gas Piping Systems Carrying Gas of 0.60 Specific Gravity Capacity of Pipes of Different Diameters and Lengths in Cubic Feet per Hour for Gas Pressure of 5.0 psi with a Drop to 1.5 psi

PIPE SIZE (In Inches)	LENGTH OF PIPE (In Feet)											
	50'	100'	150'	200'	250'	300'	350'	400'	450'	500'	550'	600'
1/2	1,399	961	772	661	586	531	488	454	426	402	382	365
3/4	2,925	2,010	1,614	1,381	1,224	1,109	1,021	949	891	842	799	762
1	5,509	3,786	3,041	2,602	2,306	2,090	1,923	1,789	1,678	1,585	1,506	1,436
1 1/4	11,311	7,774	6,243	5,343	4,735	4,291	3,947	3,672	3,445	3,255	3,091	2,949
1 1/2	16,947	11,648	9,353	8,005	7,095	6,429	5,914	5,502	5,162	4,876	4,631	4,418
2	32,638	22,432	18,014	15,417	13,664	12,381	11,390	10,596	9,942	9,391	8,919	8,509
2 1/2	52,020	35,753	28,711	24,573	21,779	19,733	18,154	16,889	15,846	14,968	14,216	13,562
3	91,962	63,205	50,756	43,441	38,501	34,884	32,093	29,856	28,013	26,461	25,131	23,976
	650'	700'	750'	800'	850'	900'	950'	1000'	1100'	1200'	1300'	1400'
1/2	349	335	323	312	302	293	284	277	263	251	240	231
3/4	730	701	676	653	632	612	595	578	549	524	502	482
1	1,375	1,321	1,273	1,229	1,190	1,153	1,120	1,089	1,035	987	945	908
1 1/4	2,824	2,713	2,614	2,524	2,442	2,368	2,300	2,237	2,124	2,027	1,941	1,865
1 1/2	4,231	4,065	3,916	3,781	3,659	3,548	3,446	3,351	3,183	3,037	2,908	2,794
2	8,149	7,828	7,542	7,283	7,048	6,833	6,636	6,455	6,130	5,848	5,600	5,380
2 1/2	12,988	12,477	12,020	11,608	11,233	10,891	10,577	10,288	9,771	9,321	8,926	8,575
3	22,960	22,057	21,249	20,520	19,858	19,253	18,698	18,187	17,273	16,478	15,780	15,160
4	46,830	44,990	43,342	41,855	40,504	39,271	38,139	37,095	35,231	33,611	32,186	30,921

