



TABLE 1: natural gas flow rates, cfh
pressure drop across orifice

	dimensions in inches				6 osi	8 osi	12 osi	16 osi‡	wt, lb
	A	B	C	D					
8699-01-0	1/2	1 3/4	1 3/4	*					
-01-073	1/2	1 3/4	1 3/4	0.073	□	□	□	□	
-01-213	1/2	1 3/4	1 3/4	0.213	179	207	254	293	1/2
-01-257	1/2	1 3/4	1 3/4	0.257	256	296	361	418	
8699-0-0	3/4	2 3/16	2 3/16	*					
-0-295	3/4	2 3/16	2 3/16	0.295	347	400	489	564	3/4
-0-343	3/4	2 3/16	2 3/16	0.343	475	548	670	776	
8699-1-0	1	2 3/16	2 7/16	*					
-1-397	1	2 3/16	2 7/16	0.397	615	710	870	1 001	1
-1-453	1	2 3/16	2 7/16	0.453	830	960	1 168	1 351	
8699-2-0	1 1/4	2 1/2	3	*					
-2-500	1 1/4	2 1/2	3	0.500	961	1 110	1 357	1 570	1 1/2
-2-562	1 1/4	2 1/2	3	0.562	1 230	1 420	1 734	2 010	
8699-3-0	1 1/2	2 3/4	3 3/8	*					
-3-625	1 1/2	2 3/4	3 3/8	0.625	1 553	1 793	2 290	2 537	2 1/4
-3-687	1 1/2	2 3/4	2 3/8	0.687	1 862	2 155	2 639	3 042	
8699-4-0	2	3 1/8	4	*					
-4-781	2	3 1/8	4	0.781	2 310	2 665	3 264	3 770	3 1/4
-4-875	2	3 1/8	4	0.875	2 985	3 445	4 220	4 870	
8699-5-0	2 1/2	3 3/16	6 3/8	*					
-5-968	2 1/2	3 3/16	6 3/8	0.968	3 575	4 130	5 050	5 840	4
-5-1125	2 1/2	3 3/16	6 3/8	1.125	5 149	5 950	7 270	8 400	
8699-6-0	3	3 1/2	7 1/16	*					
-6-1234	3	3 1/2	7 1/16	1.234	5 825	6 730	8 220	9 525	11
-6-1359	3	3 1/2	7 1/16	1.359	7 275	8 400	10 030	11 880	
8699-7-0	4	4	8 1/8	*					
-7-1547	4	4	8 1/8	1.547	8 941	10 330	12 620	14 600	19 3/4
-7-1688	4	4	8 1/8	1.688	11 020	12 730	15 560	18 000	

* Blank plate--hole to be machined by others.

□ See note on front.

‡ For higher pressure drops, see information under "Selection" on front.

gas gravity multiplier	Flow factors for other gases.					
	0.4	0.6	0.8	1.0	1.5	2.0
	1.22	1.0	0.87	0.77	0.63	0.55

WARNING: Situations dangerous to personnel and property may exist with the operation and maintenance of any combustion equipment. The presence of fuels, oxidants, hot and cold combustion products, hot surfaces, electrical power in control and ignition circuits, etc., are inherent with any combustion application. Components in combustion systems may exceed 160°F (71°C) surface temperatures and present hot surface contact hazard. Fives North American Combustion, Inc. suggests the use of combustion systems that are in compliance with all Safety Codes, Standards, Regulations and Directives; and care in operation.

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