

Eclipse Proportional Mixers

LP Series
Version 1

Capacity Selection Table Manufactured Gas - 500 Btu - 0.5 Sp. Gr. 100% Premix* - 5 to 1 Air/Gas Ratio										
Gas Capacity CFH	Blower Pressure (Ounces)									
	2.5	4	6	8	10	12	16	20	24	32
25	-	-	-	-	-	-	-	-	-	-
50	-	-	-	-	-	-	-	-	-	-
75	44-11	44-10	-	-	-	-	-	-	-	-
100	44-13	44-11	44-10	44-10	-	-	-	-	-	-
200	64-17	44-16	44-14	44-13	44-13	44-12	44-12	44-11	44-11	44-10
300	64-22	64-19	64-18	64-17	44-16	44-15	44-14	44-13	44-13	44-12
400	84-25	64-22	64-20	64-19	64-18	64-17	64-17	44-16	44-15	44-14
500	84-28	84-25	64-23	64-21	64-20	64-19	64-18	64-17	64-16	64-15
600	84-31	84-27	84-25	64-24	64-22	64-21	64-20	64-19	64-18	64-17
700	84-34	84-29	84-27	84-25	64-24	64-23	64-22	64-21	64-20	64-19
800	86-35	86-31	86-29	86-27	86-26	86-25	66-23	66-22	66-21	66-20
900	126-38	86-33	86-31	86-29	86-27	86-26	66-24	66-23	66-22	66-21
1000	126-40	126-35	86-32	86-30	86-28	86-27	86-25	66-24	66-23	66-22
1100	126-42	126-37	86-34	86-32	86-30	86-29	86-26	86-25	66-24	66-23
1200	126-44	126-38	126-35	86-33	86-31	86-30	86-28	86-27	86-26	66-24
1300	126-46	126-40	126-36	126-34	86-33	86-32	86-30	86-28	86-27	86-25
1400	126-48	126-42	126-38	126-35	126-34	86-33	86-31	86-29	86-28	86-26
1500	126-50	126-44	126-39	126-36	126-35	86-34	86-32	86-30	86-29	86-27
1750	126-52	126-46	126-42	126-38	126-37	126-36	86-34	86-32	86-30	86-28
2000	126-56	126-48	126-44	126-42	126-40	126-38	126-36	86-34	86-32	86-30
2500	168-64	168-56	128-50	128-48	128-46	128-44	128-42	88-38	88-36	88-34
3000	168-68	168-60	168-56	128-52	128-50	128-48	128-44	128-42	128-40	128-38
3500	1612-76	1612-66	1612-60	1612-56	1612-54	1212-52	1212-48	1212-46	1212-44	1212-42
4000	1612-80	1612-70	1612-64	1612-58	1612-56	1612-54	1212-50	1212-48	1212-48	1212-44
4500	2012-84	2012-76	1612-68	1612-64	1612-60	1612-58	1612-52	1212-50	1212-50	1212-46
5000	2012-88	2012-80	2012-72	1612-68	1612-64	1612-62	1612-58	1212-54	1212-52	1212-48
6000	2412-96	2012-84	2012-78	2012-72	2012-70	1612-68	1612-64	1612-60	1212-58	1212-54
7000	2412-104	2412-92	2012-84	2012-78	2012-74	2012-72	1612-68	1612-64	1612-62	1612-58
8000	2412-112	2412-100	2412-90	2012-84	2012-80	2012-76	2012-72	1612-68	1612-66	1612-62
9000	-	2416-104	2416-96	2416-90	2416-86	2016-84	2016-76	1616-72	1616-70	1616-64
10000	-	-	2416-100	2416-96	2416-90	2416-88	2016-84	2016-76	1616-74	1616-68
12500	-	-	-	-	-	2424-96	2424-92	2424-88	2424-84	2424-76
15000	-	-	-	-	-	-	2424-100	2424-96	2424-92	2424-84
17500	-	-	-	-	-	-	-	2424-100	2424-96	2424-92
20000	-	-	-	-	-	-	-	2424-108	2424-104	2424-96
Approx. Mixture Pressure	1"	2"	3"	4"	5"	6"	8"	10"	11"	12"

* When less than 100% premix is used, as in the case of open burners, correct the capacity for the amount of premix and use the corrected capacity for selecting the mixer. (Correction factor for 80% premix = 0.80; 70% premix = 0.70; etc.)

- For selection instructions see Bulletin 652.
- The above selection table does not take furnace pressure, piping losses, etc. into consideration.



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