

Eclipse Proportional Mixers

LP Series

Version 1

Capacity Selection Table										
Manufactured Gas - 1000 Btu - 0.6 Sp. Gr.										
100% Premix* - 10 to 1 Air/Gas Ratio										
Gas Capacity CFH	Blower Pressure (Ounces)									
	2.5	4	6	8	10	12	16	20	24	32
25	-	-	-	-	-	-	-	-	-	-
50	44-12	44-11	44-10	-	-	-	-	-	-	-
75	44-15	44-14	44-13	44-12	44-12	44-11	44-11	44-10	44-10	-
100	64-17	44-16	44-14	44-13	44-13	44-12	44-12	44-11	44-11	44-10
200	84-25	64-22	64-20	64-19	64-18	64-17	64-17	44-16	44-15	44-14
300	84-31	84-27	84-25	84-24	64-22	64-21	64-20	64-19	64-18	64-17
400	84-35	84-31	84-29	84-27	84-26	84-25	64-23	64-22	64-21	64-20
500	126-40	84-35	84-32	84-30	84-28	84-27	84-25	64-24	64-23	64-22
600	124-44	124-38	84-35	84-33	84-31	84-30	84-28	84-27	84-26	64-24
700	124-48	124-42	84-38	84-35	84-34	84-33	84-31	84-29	84-28	84-26
800	126-50	126-44	126-40	126-38	126-36	86-34	86-33	86-31	86-29	86-28
900	126-54	126-46	126-42	126-40	126-38	126-36	86-34	86-32	86-31	86-29
1000	166-56	126-48	126-44	126-42	126-40	126-38	126-36	86-34	86-32	86-30
1100	166-58	126-50	126-46	126-44	126-42	126-40	126-38	86-36	86-34	86-33
1200	166-60	126-54	126-49	126-46	126-44	126-43	126-40	86-38	86-36	86-35
1300	166-62	126-56	126-50	126-48	126-46	126-44	126-42	126-40	86-37	86-36
1400	166-66	166-58	126-52	126-50	126-48	126-46	126-43	126-41	126-39	86-37
1500	166-68	166-60	126-56	126-52	126-50	126-48	126-44	126-42	126-40	126-38
1700	166-70	166-62	166-58	166-54	166-52	126-50	126-48	126-46	126-42	126-40
1900	166-76	166-68	166-63	166-58	166-55	126-54	126-50	126-48	126-44	126-42
2100	208-80	168-72	168-67	168-60	168-56	168-56	128-52	128-50	128-48	128-44
2300	208-84	168-76	168-70	168-66	168-58	168-60	168-56	128-52	128-50	128-46
2500	208-88	168-78	168-72	168-68	168-64	168-62	168-58	128-54	128-52	128-48
2700	2412-92	208-80	208-74	208-70	208-66	168-64	168-60	128-56	128-54	128-50
2900	2412-96	2012-84	2012-76	2012-72	2012-68	2012-66	1612-62	1612-58	1212-56	1212-52
3100	2412-98	2012-88	2012-78	2012-74	2012-70	2012-68	1612-64	1612-60	1612-58	1212-54
3300	2412-100	2012-90	2012-80	2012-76	2012-72	2012-70	1612-66	1612-62	1612-60	1212-56
3500	2412-104	2012-92	2012-84	2012-78	2012-74	2012-72	1612-68	1612-64	1612-62	1612-58
3750	2412-108	2012-96	2012-88	2012-80	2012-78	2012-74	2012-70	1612-66	1612-64	1612-60
4000	2412-112	2412-100	2012-90	2012-84	2012-80	2012-76	2012-72	1612-68	1612-66	1612-62
4250	-	2412-102	2412-92	2012-88	2012-84	2012-80	2012-74	1612-70	1612-68	1612-63
4500	-	2412-104	2412-96	2412-90	2412-86	2012-84	2012-76	1612-72	1612-70	1612-64
4750	-	2412-106	2412-98	2412-92	2412-88	2412-86	2012-78	1612-74	1612-72	1612-66
5000	-	-	2412-100	2412-96	2412-90	2412-88	2012-84	2012-76	1612-74	1612-68
5500	-	-	2412-104	2412-98	2412-94	2412-92	2012-86	2012-80	2012-78	1612-76
6000	-	-	-	-	-	2412-96	2412-88	2012-84	2012-80	1612-78
6500	-	-	-	-	-	2412-98	2412-92	2012-88	2012-86	1612-80

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Capacity Selection Table Manufactured Gas - 1000 Btu - 0.6 Sp. Gr. 100% Premix* - 10 to 1 Air/Gas Ratio										
Gas Capacity CFH	Blower Pressure (Ounces)									
	2.5	4	6	8	10	12	16	20	24	32
7000	-	-	-	-	-	2412-104	2412-96	2412-92	2012-90	2012-84
8000	-	-	-	-	-	-	2412-100	2412-98	2012-96	2012-88
9000	-	-	-	-	-	-	-	2416-104	2416-100	2016-94
10000	-	-	-	-	-	-	-	2416-108	2416-104	2416-96
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.



Offered By:

Power Equipment Company
2011 Williamsburg Road
Richmond, Virginia 23231
Phone (804) 236-3800
Fax (804) 236-3882

www.peconet.com