



### LAMB ELECTRIC

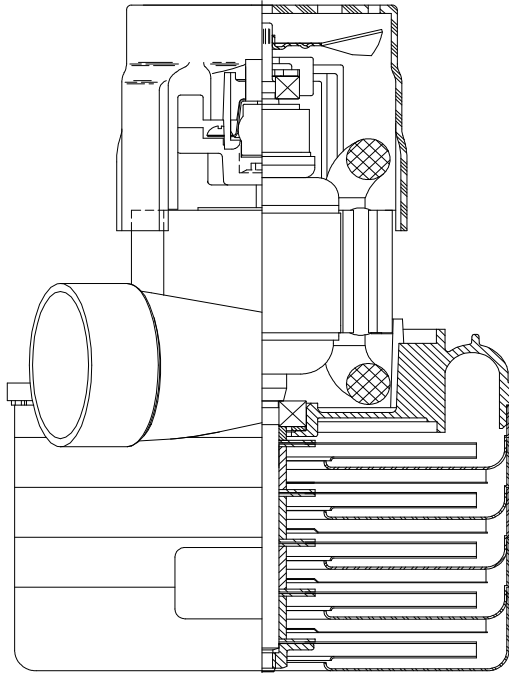
**Model: 122146-00**

#### DESCRIPTION

- Five stage Fan system
- 230 volts
- 5.7"/145 mm diameter
- Double ball bearings
- Single speed
- Tangential bypass discharge

#### DESIGN APPLICATION

- Equipment operating in environments requiring separation of working air from motor ventilating air
- Designed to handle clean, dry, filtered air only

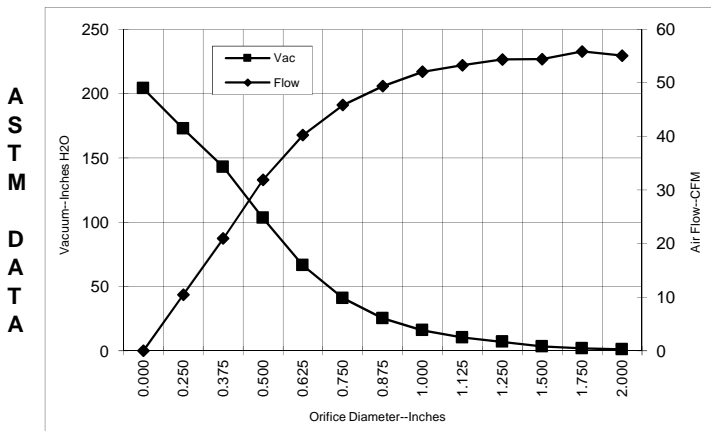


#### SPECIAL FEATURES

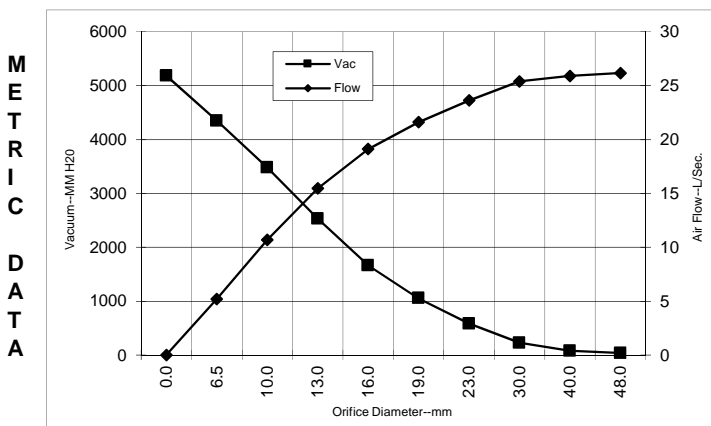
- Suitable for 230 volt AC operation, 50/60 Hz
- UL recognized, category PRGY2 (E47185)
- Provision for grounding
- Open frame design
- Aluminum fan-end bracket designed to dampen vibration and improve durability
- 10 mm shaft and bearing system
- Special fans designed for high pressure/low volume operation
- The Lamb Electric vacuum motor line offers a wide range of performance levels to meet design needs

#### TYPICAL MOTOR PERFORMANCE.\*

(At 230 volts, 60Hz, test data is corrected to standard conditions of 29.92 Hg, 68° F.)



Orifice (Inches)	Amps	Watts (In)	RPM	Vac (In.H <sub>2</sub> O)	Flow (CFM)	Air Watts
2.000	7.2	1566	20580	1.1	55.1	7
1.750	7.2	1565	20530	1.9	55.9	12
1.500	7.2	1564	20570	3.4	54.4	22
1.250	7.2	1561	20570	7.0	54.4	45
1.125	7.3	1567	20560	10.3	53.3	64
1.000	7.2	1564	20560	16.0	52.1	98
0.875	7.3	1567	20540	25.3	49.4	147
0.750	7.2	1566	20530	41.0	45.9	221
0.625	7.2	1564	20570	66.5	40.3	315
0.500	7.1	1543	20720	103.3	31.9	388
0.375	6.7	1455	21340	143.0	21.0	353
0.250	5.9	1282	22750	172.7	10.5	213
0.000	4.8	1065	24970	204.0	0.0	0



Orifice (mm)	Amps	Watts (In)	RPM	Vac (mm H <sub>2</sub> O)	Flow (L/Sec)	Air Watts
48.0	7.2	1566	20558	37	26.2	9
40.0	7.2	1564	20558	75	25.9	19
30.0	7.2	1564	20565	223	25.4	56
23.0	7.2	1566	20545	583	23.6	135
19.0	7.2	1566	20531	1054	21.6	223
16.0	7.2	1564	20568	1663	19.1	311
13.0	7.1	1545	20705	2529	15.5	380
10.0	6.8	1468	21247	3480	10.7	358
6.5	5.9	1291	22680	4348	5.2	220
0.0	4.8	1065	24970	5183	0.0	0

Note: Metric performance data is calculated from the ASTM data above.

\* Data represents performance of a typical motor sampled from a large production quantity. Individual motor data may vary due to normal manufacturing variations.

Test Specs:	230 volts	Minimum Sealed Vacuum:	202.0	ORIFICE:	7/8"	Minimum Vacuum:	23.0	Maximum Watts:	1670
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