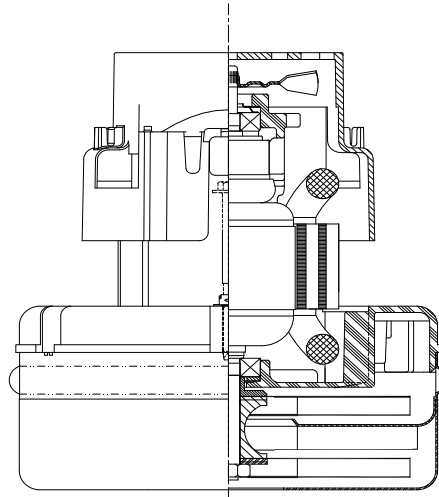


## LAMB ELECTRIC

**Model: 119793-00**

### DESCRIPTION

- Two stages
- 100 volts
- 5.7"/145 mm diameter
- Double ball bearings
- Single speed
- Peripheral bypass discharge
- Thermoset fan end bracket
- Thermoset commutator bracket



### SPECIAL FEATURES

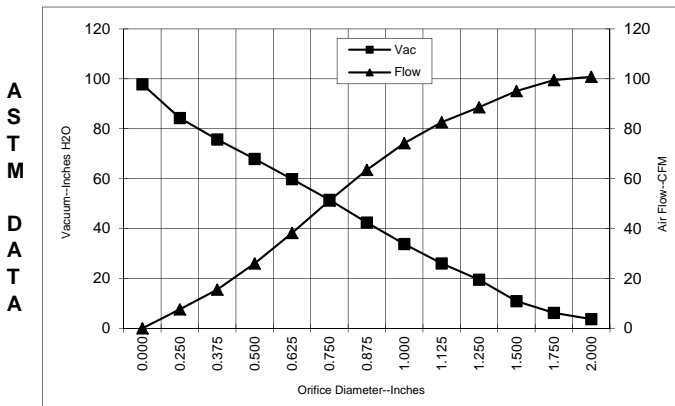
- Suitable for 100 volt AC operation, 50/60 Hz
- UL recognized, category PRGY2 (E47185)
- No shaft extension
- Provision for grounding
- Skeleton-frame design
- The Lamb Electric vacuum motor line offers a wide range of performance levels to meet design needs

### DESIGN APPLICATION

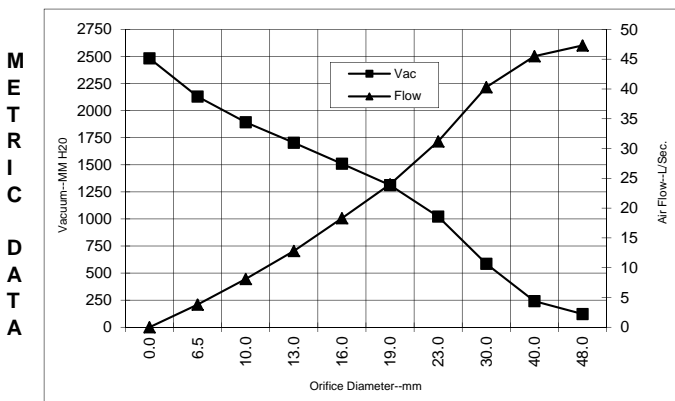
- Equipment operating in environments requiring separation of working air from motor ventilating air
- Designed to handle clean, dry, filtered air only

### TYPICAL MOTOR PERFORMANCE.\*

(At 100 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	10.7	1024	19195	3.7	100.8	44
1.750	10.7	1026	19100	6.2	99.5	73
1.500	10.8	1034	18950	10.9	95.1	121
1.250	11.0	1049	18800	19.5	88.6	203
1.125	11.0	1051	18750	26.0	82.6	252
1.000	11.0	1050	18800	33.8	74.2	294
0.875	10.8	1036	19000	42.4	63.5	316
0.750	10.4	999	19440	51.5	51.2	310
0.625	9.8	944	20040	59.8	38.2	268
0.500	9.1	879	20940	67.9	26.0	207
0.375	8.3	808	22040	75.7	15.5	138
0.250	7.6	742	23280	84.3	7.6	75
0.000	7.0	684	24330	97.8	0.0	0



Orifice (mm)	Amps	Watts (In)	RPM	Vac (mm H <sub>2</sub> O)	Flow (L/Sec)	Air Watts
48.0	10.7	1025	19153	122	47.3	57
40.0	10.8	1032	18995	241	45.5	107
30.0	11.0	1050	18773	586	40.3	230
23.0	10.8	1040	18950	1022	31.2	311
19.0	10.4	998	19452	1312	24.0	309
16.0	9.8	946	20016	1510	18.3	270
13.0	9.2	886	20850	1704	12.8	213
10.0	8.4	819	21875	1893	8.1	148
6.5	7.6	745	23218	2130	3.8	78
0.0	7.0	684	24330	2483	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.

<b>Test Specs:</b>	100 volts	<b>Minimum Sealed Vacuum:</b>	88.0"	<b>ORIFICE:</b>	7/8 "	<b>Minimum Vacuum:</b>	35.0"	<b>Maximum Watts:</b>	1110
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