



**LAMB ELECTRIC**

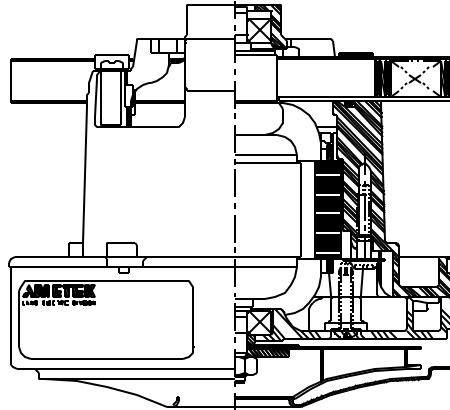
**Model: 119539-00**

**DESCRIPTION**

- One stage
- 120 volts
- 5.1"/130 mm diameter
- Double ball bearings
- Single speed
- Thru-flow discharge
- Thermoset fan end bracket
- Thermoset Cup bracket

**DESIGN APPLICATION**

- Equipment operating in environments not requiring separation of working air from motor ventilating air
- Designed to handle clean, dry, filtered air only



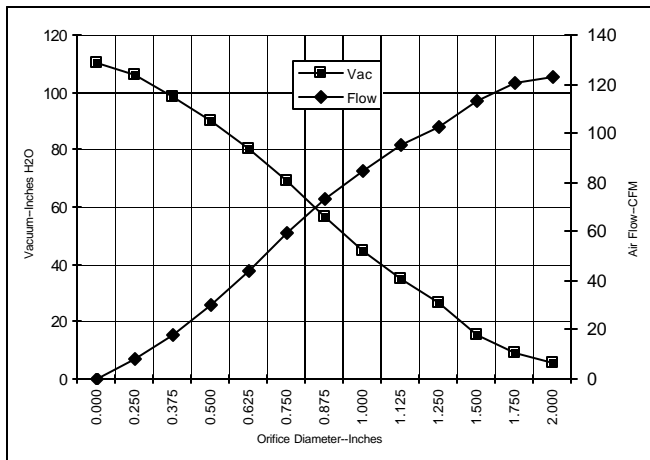
**SPECIAL FEATURES**

- Suitable for 120 volt AC operation, 50/ 60 Hz
- UL recognized, category PRGY2 (E47185)
- CSA certified, class 1611 01 (LR31393)
- Provision for grounding
- Thermoset Cup frame design
- Tapered fan system
- High airflow fan system
- The Lamb Electric vacuum motor line offers a wide range of performance levels to meet design needs

**TYPICAL MOTOR PERFORMANCE.\***

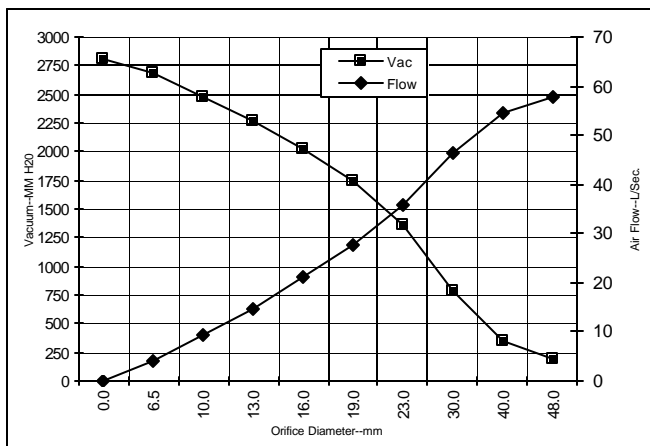
(At 120 volts, 60Hz, test data is corrected to standard conditions of 29.92 Hg, 68° F.)

**ASTM DATA**



Orifice (Inches)	Amps	Watts (In)	RPM	Vac (In.H <sub>2</sub> O)	Flow (CFM)	Air Watts
2.000	10.6	1237	32033	5.6	123.3	82
1.750	10.7	1238	32005	9.3	120.7	133
1.500	10.6	1237	31988	15.4	113.2	206
1.250	10.7	1249	32087	26.7	102.7	322
1.125	10.7	1244	32108	34.9	94.9	390
1.000	10.6	1236	32332	45.0	85.0	317
0.875	10.4	1211	32688	56.5	72.9	484
0.750	10.0	1165	33387	68.7	59.0	477
0.625	9.3	1088	34335	80.2	44.2	417
0.500	8.6	1011	35737	89.9	30.0	317
0.375	7.7	908	37493	98.5	17.7	205
0.250	7.0	829	39070	105.8	8.2	102
0.000	6.5	764	40863	110.3		

**METRIC DATA**



Orifice (mm)	Amps	Watts (In)	RPM	Vac (mm H <sub>2</sub> O)	Flow (L/Sec)	Air Watts
48.0	10.6	1237	32021	184	57.7	104
40.0	10.6	1237	31993	346	54.5	184
30.0	10.7	1246	32099	792	46.5	359
23.0	10.4	1217	32599	1362	35.8	442
19.0	10.0	1164	33406	1752	27.7	476
16.0	9.4	1091	34297	2025	21.2	420
13.0	8.7	1019	35597	2259	14.8	327
10.0	7.9	924	37230	2469	9.2	222
6.5	7.1	833	38991	2679	4.1	107
0.0	6.5	764	40863	2801	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 manuf.

<b>Test Specs:</b> 120 volts	<b>Minimum Sealed Vacuum:</b>	<b>ORIFICE:</b> 7/8 "	<b>Minimum Vacuum:</b>	<b>Maximum Watts:</b>
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