



SPECIAL FEATURES

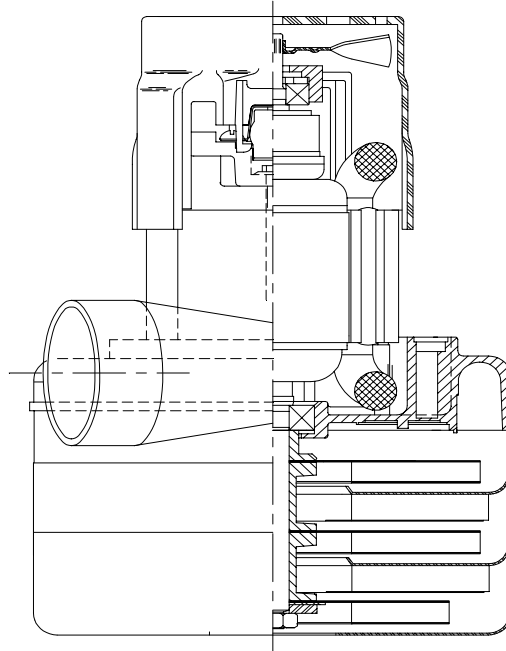
- Suitable for 120 volt AC operation, 50/ 60 Hz
- UL recognized, category PRGY2 (E47185)
- CSA Certified, class 1611 01 (LR31393)
- Provision for grounding
- Open frame design
- 10mm shaft and bearing system
- Aluminum fan end bracket designed to dampen vibration and improve durability
- The Lamb Electric vacuum motor line offers a wide range of performance levels to meet design needs
- *-19 features patented air seal bearing protection, (U.S. #4,088,424) plus epoxy paint, and 30" power leads with connectors added**

DESCRIPTION

- Three stage
- 120 volts
- 5.7"/145 mm diameter
- Double ball bearings
- Single speed
- Tangential bypass discharge
- Aluminum fan end bracket
- Aluminum commutator bracket

DESIGN APPLICATION

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

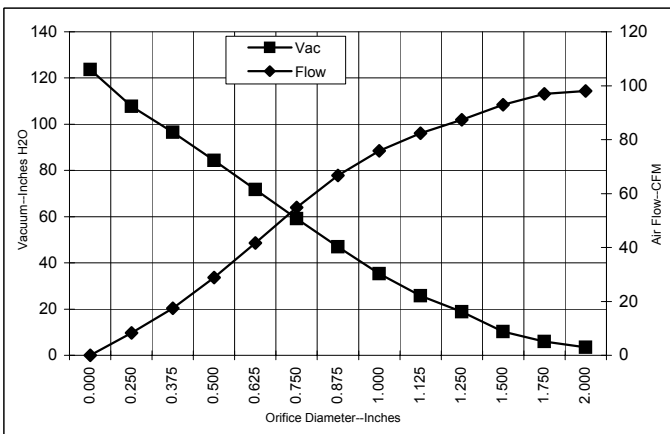


TYPICAL MOTOR PERFORMANCE.*

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

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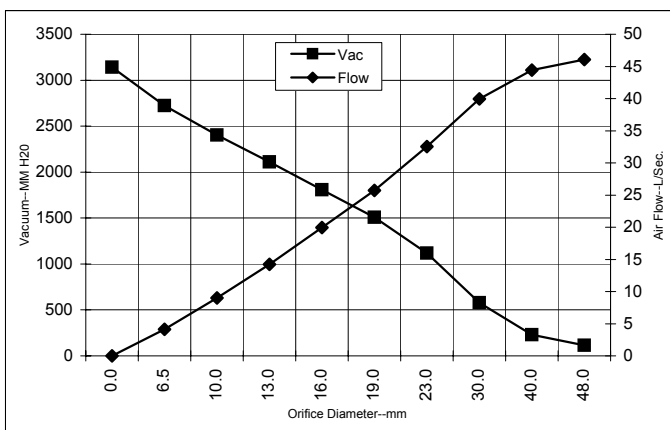
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Orifice (Inches)	Amps	Watts (In)	RPM	Vac (In.H ₂ O)	Flow (CFM)	Air Watts
2.000	11.1	1272	18143	3.5	98.0	40
1.750	11.1	1269	18146	5.9	97.0	67
1.500	11.2	1277	18086	10.3	92.9	113
1.250	11.3	1285	18036	18.9	87.4	195
1.125	11.3	1292	18003	25.8	82.4	250
1.000	11.3	1295	17943	35.3	75.8	315
0.875	11.3	1290	17996	46.9	66.7	368
0.750	11.1	1263	18200	59.1	54.8	381
0.625	10.5	1203	18696	71.7	41.7	351
0.500	9.8	1124	19473	84.3	28.9	286
0.375	8.9	1027	20483	96.5	17.4	197
0.250	8.0	936	21470	107.8	8.3	106
0.000	7.3	859	22463	123.7	0.0	0

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Orifice (mm)	Amps	Watts (In)	RPM	Vac (mm H ₂ O)	Flow (L/Sec)	Air Watts
48.0	11.1	1271	18144	116	46.0	52
40.0	11.2	1275	18104	228	44.4	99
30.0	11.3	1289	18018	576	40.0	225
23.0	11.3	1291	17983	1118	32.6	355
19.0	11.0	1262	18210	1508	25.7	380
16.0	10.5	1205	18676	1808	19.9	352
13.0	9.8	1132	19395	2109	14.2	293
10.0	9.0	1042	20332	2405	9.0	210
6.5	8.1	941	21421	2724	4.1	111
0.0	7.3	859	22463	3142	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:	120 volts	Minimum Sealed Vacuum:	115.0"	ORIFICE:	7/8 "	Minimum Vacuum:	42.0"	Maximum Watts:	1400
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