

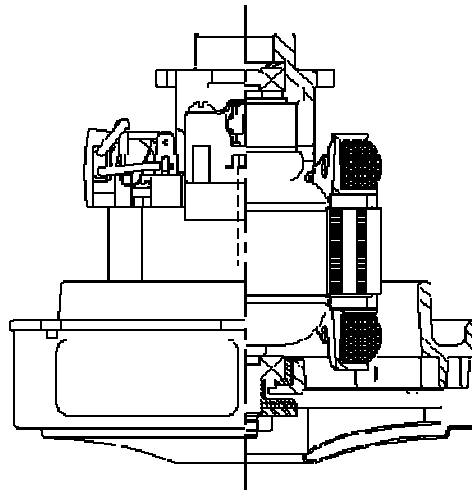


Floorcare and Specialty Motors

Model: 119647-00

DESCRIPTION

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



SPECIAL FEATURES

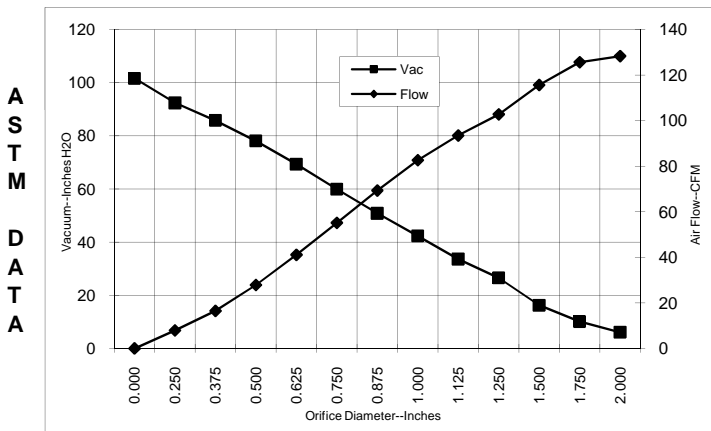
- Suitable for 120 volt AC operation, 50/ 60 Hz
- UL recognized, category PRGY2 (E47185)
- CSA certified, class 1611 01 (LR31393)
- Provision for grounding
- Skeleton-frame design
- Tapered fan system
- Thermal Protector
- The Lamb Electric vacuum motor line offers a wide range of performance levels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

DESIGN APPLICATION

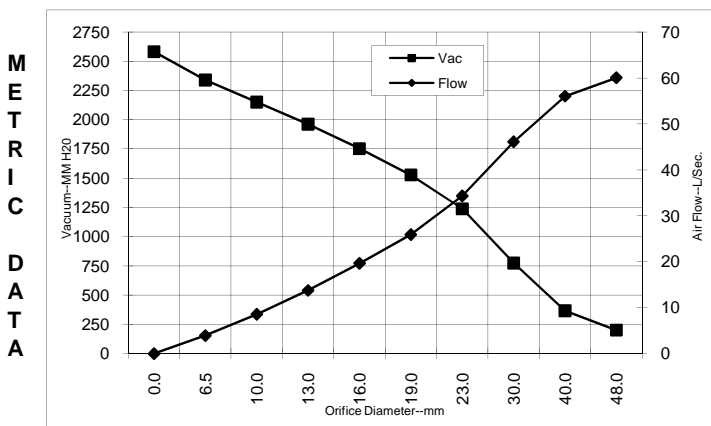
- Equipment operating in environments not requiring separation of working air from motor ventilating air
- Designed to handle clean, dry, filtered air only

TYPICAL MOTOR PERFORMANCE.*

(At 240 volts, 60Hz, test data is corrected to standard conditions of 29.92 Hg, 68° F.)



Orifice (Inches)	Amps	Watts (In)	RPM	Vac (In.H2O)	Flow (CFM)	Air Watts
2.000	4.7	1107	31210	6.1	128.4	92
1.750	4.7	1112	31010	10.1	125.7	150
1.500	4.8	1123	30920	16.3	115.7	221
1.250	4.8	1125	30820	26.6	102.8	322
1.125	4.8	1117	30820	33.7	93.5	370
1.000	4.8	1117	31010	42.4	82.6	412
0.875	4.6	1093	31360	50.9	69.4	415
0.750	4.5	1055	32030	60.0	55.2	389
0.625	4.2	1001	33140	69.4	41.1	336
0.500	3.9	930	34490	78.1	27.8	256
0.375	3.6	849	36320	85.8	16.5	166
0.250	3.3	778	38200	92.4	7.9	86
0.000	3.1	735	39690	101.7	0.0	0



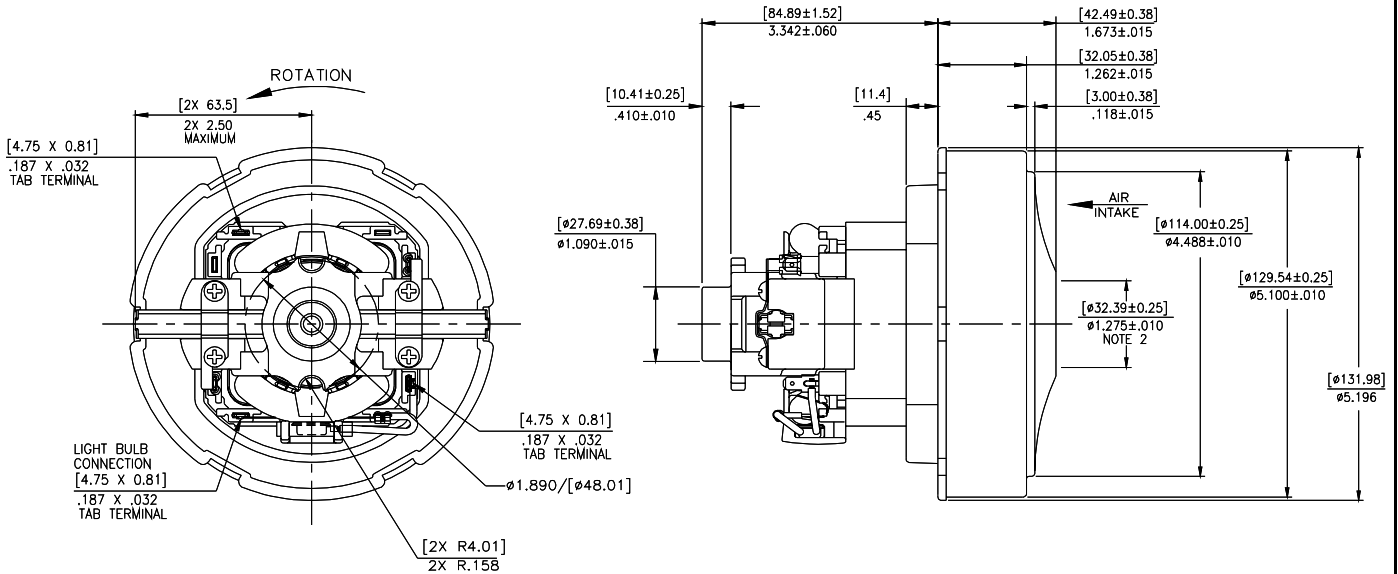
Orifice (mm)	Amps	Watts (In)	RPM	Vac (mm H2O)	Flow (L/Sec)	Air Watts
48.0	4.7	1109	31122	200	60.0	118
40.0	4.8	1120	30947	366	56.0	200
30.0	4.8	1121	30820	774	46.1	348
23.0	4.7	1099	31273	1238	34.3	414
19.0	4.5	1054	32052	1528	25.9	388
16.0	4.3	1003	33096	1753	19.7	338
13.0	4.0	937	34355	1962	13.8	264
10.0	3.6	861	36046	2150	8.6	180
6.5	3.3	782	38106	2339	3.9	90
0.0	3.1	735	39690	2582	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:	240 volts	Minimum Sealed Vacuum:	92"	ORIFICE:	7/8 "	Minimum Vacuum:	46"	Maximum Watts:	1130
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DIMENSIONS



IMPORTANT NOTE: Pictorial and dimensional data are subject to change without notice. Contact factory for current revision levels.

WARNING - AMETEK Lamb Electric thru-flow vacuum motors must never be used in applications in which wet or moist conditions are involved, where dry chemicals or other volatile materials are present, or where airflow may be restricted or blocked. Such motors are designed to permit the vacuumed air to pass over the electrical winding to cool it. Thus any foam, liquid (including water), dry chemical, or other foreign substance coming in contact with electrical conductors could cause combustion (depending on volatility) or electrical shock. Failure to observe these precautions could result in property damage and severe personal injury, including death in extreme cases. All applications incorporating Lamb Electric motors should be submitted to Underwriters Laboratories Inc. or other appropriate organizations or agencies for testing specifically related to the safety of your equipment.

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