



Lamb Electric



Model: 122661-00

SPECIAL FEATURES

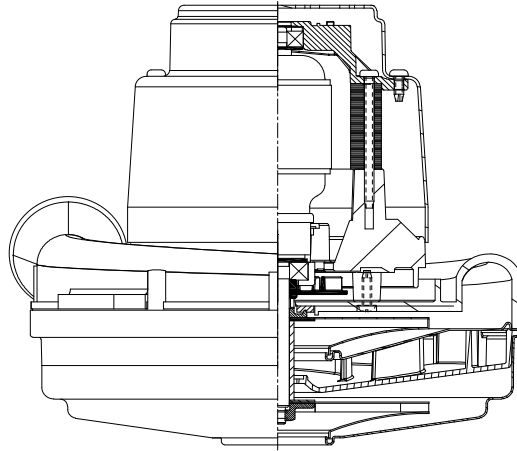
- High Efficiency Performance
- 1500 + Hours Life with Eternity Brushes
- UL & cUL recognized, category PRGY2 (E47185)
- Same mounting pattern as Lamb's 7.2 tangential-bypass
- Includes Non Loading Fan System & Metal Motor Bracket

DESCRIPTION

- Double-stage tapered fan system
- 8.4" / 213 mm diameter
- Improved sound quality
- "True" tangential discharge bracket
- 120 volts AC
- 3.5" High-Efficiency lamination
- Double ball bearings; 10mm output

DESIGN APPLICATION

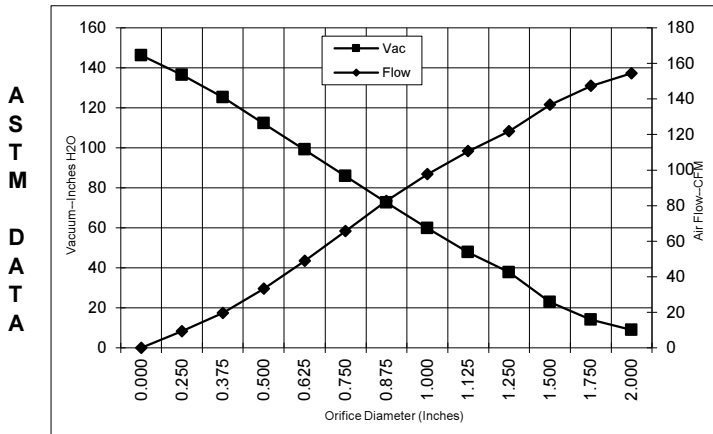
- Commercial and Residential Central Cleaning Systems
- Car wash vac and blower systems
- Equipment operating in environments requiring separation of working air from motor ventilating air
- Designed to handle clean, dry, filtered air only



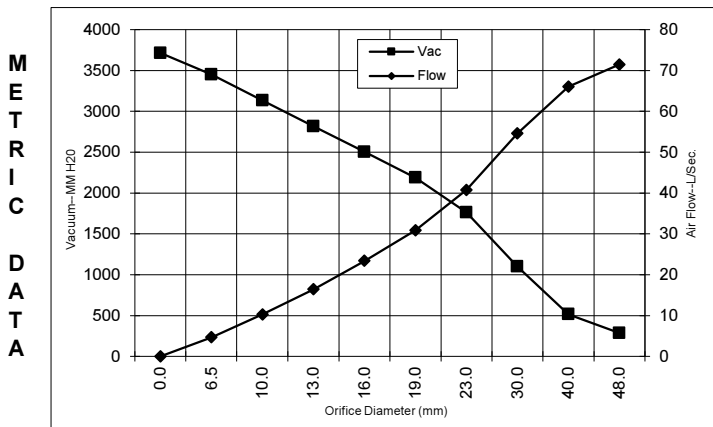
PEAK AIRWATTS
705
Calculated in accordance with ASTM F2105

TYPICAL MOTOR PERFORMANCE.*

(At 120 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	17.5	1937	19745	9.0	154.4	162
1.750	17.4	1931	19785	14.1	147.3	243
1.500	17.2	1912	19835	22.9	136.7	368
1.250	16.9	1878	20011	37.7	121.8	539
1.125	16.6	1843	20194	47.8	110.6	620
1.000	16.0	1787	20464	59.9	97.7	686
0.875	15.3	1710	20964	72.6	82.6	704
0.750	14.3	1603	21619	85.9	65.7	662
0.625	13.0	1467	22566	99.1	48.9	568
0.500	11.5	1307	23845	112.2	33.2	437
0.375	10.0	1145	25349	125.3	19.7	289
0.250	9.0	1033	26601	136.4	9.4	150
0.000	8.0	931	27957	146.1	0.0	0



Orifice (mm)	Amps	Watts (In)	RPM	Vac (mm H2O)	Flow (L/Sec)	Air Watts
48.0	17.4	1934	19763	285	71.4	198
40.0	17.3	1918	19820	515	66.0	330
30.0	16.7	1859	20112	1098	54.6	584
23.0	15.5	1729	20839	1764	40.7	699
19.0	14.3	1600	21638	2188	30.9	660
16.0	13.1	1472	22528	2503	23.4	572
13.0	11.7	1323	23717	2817	16.4	450
10.0	10.3	1169	25123	3133	10.2	311
6.5	9.1	1039	26538	3451	4.7	157
0.0	8.0	931	27957	3711	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.

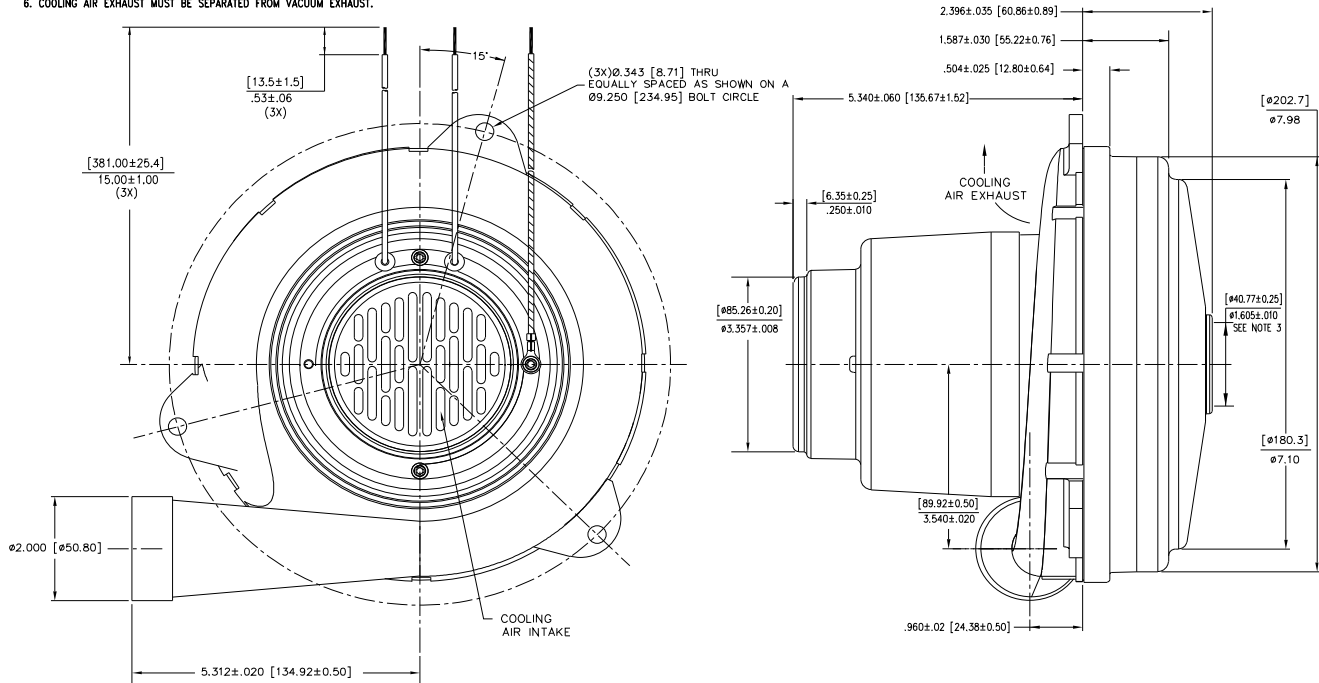
Test Specs:	120	Minimum Sealed Vacuum: 131"	ORIFICE: 7/8"	Minimum Vacuum: 68"	Maximum Watts: 1800
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DIMENSIONS



NOTES:

1. LEADS: 16GA. STRANDED, BLACK.
2. MOTOR IDENTIFICATION: MANUFACTURER'S NAME, MODEL NUMBER, VOLTAGE, FREQUENCY, INSPECTORS CODE WITH "FF" SUFFIX, DATE OF MANUFACTURE, AGENCY RECOGNITION CODE, PLANT LOCATION CODE, PATENT PENDING AND COUNTRY OF ORIGIN.
3. MOUNTING MUST NOT RESTRICT THIS DIAMETER.
4. ALLOW [0.0026 SQ M]/4.0 SQ IN. (MIN.) FOR COOLING AIR INTAKE.
5. COOLING AIR INTAKE MUST BE SEPARATED FROM COOLING AIR EXHAUST.
6. COOLING AIR EXHAUST MUST BE SEPARATED FROM VACUUM EXHAUST.



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

WARNING - When using AMETEK Floorcare & Specialty Motors (F&SM) bypass motors in machines that come in contact with foam, liquid (including water), or other foreign substances, the machine must be designed and constructed to prevent those substances from reaching the fan system, motor housing, and electrical components. F&SM vacuum motors other than hazardous duty models should not be applied in machines that come in contact with dry chemicals or other volatile materials. Failure to observe these precautions could cause flashing (depending on volatility) or electrical shock which could result in property damage and severe bodily injury, including death in extreme cases. All applications incorporating F&SM motors should be submitted to appropriate organizations or agencies for testing specifically related to the safety of your equipment.

AMETEK Dynamic Fluid Solutions
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