AMETEK®

Product Bulletin

Lamb Electric

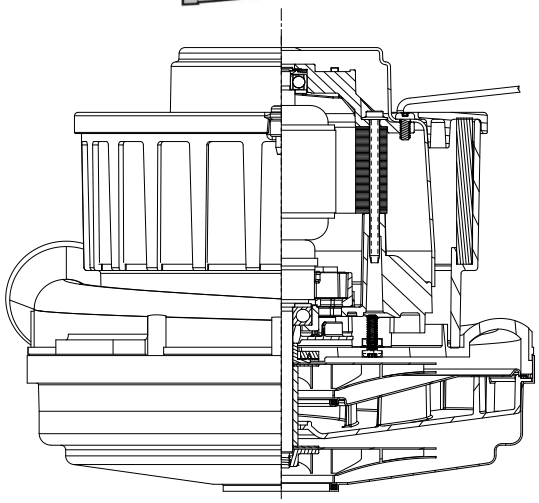
Model: 122699-07

DESCRIPTION

- Double-stage tapered fan system
- 8.4" / 213 mm diameter
- Improved sound quality
- "True" tangential discharge bracket
- 240 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



SPECIAL FEATURES

- High Efficiency Performance
- 1000 + Hours Life with Eternity Brushes
- Class B Insulation System

- UL & cUL recognized, category PRGY2 (E47185)

- Same mounting patern as Lamb's 7.2 tangential-bypass

- Includes Non Loading Fan System & Metal Motor Bracket

PEAK AIRWATTS

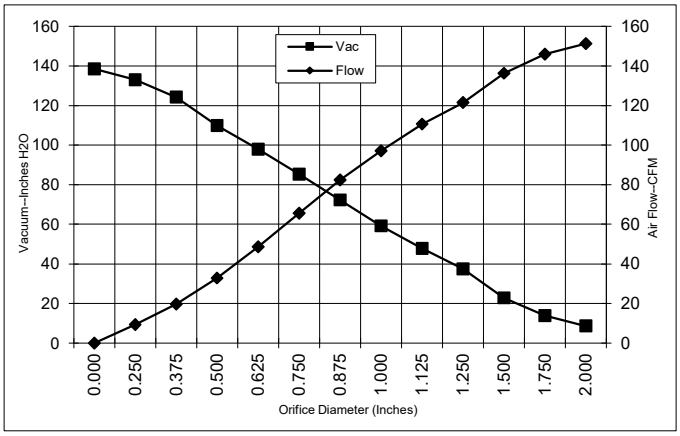
700

Calculated in accordance with ASTM F2105

TYPICAL MOTOR PERFORMANCE.*

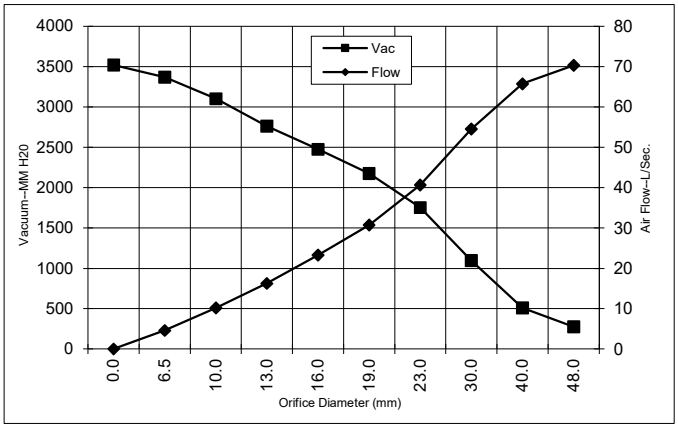
(At 240 volts, 60Hz, test data is corrected to standard conditions of 29.92 Hg, 68° F.)

ASTM DATA



Orifice (Inches)	Amps	Watts (In)	RPM	Vac (In.H2O)	Flow (CFM)	Air Watts
2.000	8.5	1885	19801	8.6	151.3	153
1.750	8.4	1868	19810	13.8	146.0	236
1.500	8.4	1856	19895	22.8	136.4	365
1.250	8.2	1826	20035	37.5	121.5	535
1.125	8.1	1792	20214	47.8	110.7	620
1.000	7.9	1744	20495	59.3	97.2	676
0.875	7.5	1664	20941	72.3	82.4	699
0.750	7.0	1563	21597	85.3	65.5	656
0.625	6.4	1434	22483	97.9	48.6	559
0.500	5.7	1286	23645	110.0	32.9	424
0.375	5.0	1128	25023	124.3	19.6	286
0.250	4.5	1021	26182	133.0	9.3	145
0.000	4.2	973	27687	138.6	0.0	0

METRIC DATA



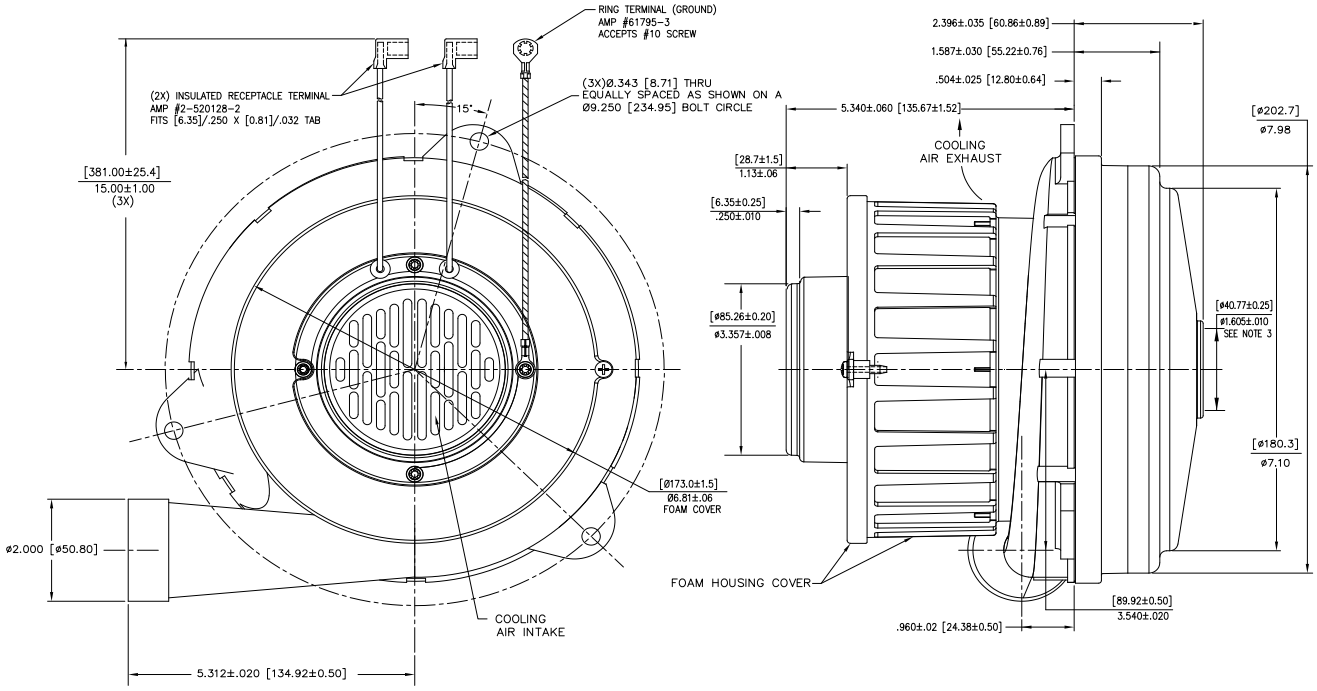
Orifice (mm)	Amps	Watts (In)	RPM	Vac (mm H2O)	Flow (L/Sec)	Air Watts
48.0	8.5	1878	19805	276	70.3	189
40.0	8.4	1860	19870	511	65.7	326
30.0	8.2	1807	20133	1096	54.5	582
23.0	7.6	1684	20829	1754	40.6	693
19.0	7.0	1560	21615	2173	30.8	654
16.0	6.4	1440	22447	2475	23.3	562
13.0	5.8	1301	23529	2762	16.3	438
10.0	5.1	1152	24816	3103	10.2	306
6.5	4.5	1026	26124	3367	4.6	152
0.0	4.2	973	27687	3520	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	Minimum Sealed Vacuum: 130"	ORIFICE:	7/8"	Minimum Vacuum: 68"	Maximum Watts:	1820

DIMENSIONS



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 shockwhich 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
www.ametekdfs.com

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