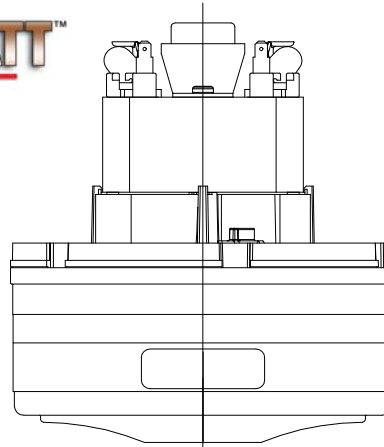


**AMETEK****LAMB ELECTRIC****Product Bulletin**Model: **119998-00/99****PRELIMINARY BULLETIN****SPECIAL FEATURES**

- **650 Peak Air Watts**
- Patented Advantek II diffusion
- 3" Commercial Lamination
- Dual Tapered fan system
- Provision for grounding
- Top end mounting boss
- Thermal Device
- UL recognized, category PRGY2 (E47185)
- Suitable for 240 volt AC operation, 50 or 60 Hz

DESCRIPTION

- Two stage
- 240 volts
- 5.7"/145 mm diameter
- Double ball bearings
- Single speed
- Thru-flow discharge
- Thermoset fan end bracket
- Stamped steel end bracket

AIR WATT™
SERIES**DESIGN APPLICATION**

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

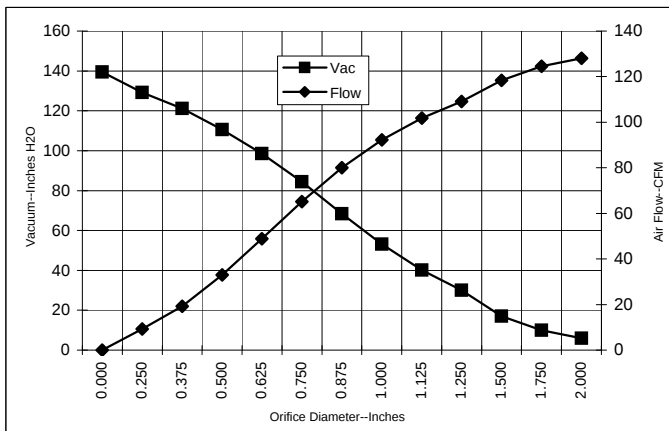
Advantek II - Ultra**PEAK AIRWATTS****650**

Calculated in accordance with ASTM F2105

TYPICAL MOTOR PERFORMANCE.*

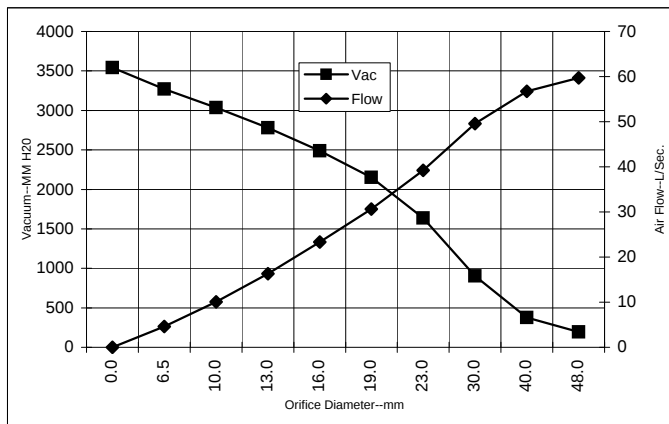
(At 240 volts, 60Hz, test data is corrected to standard conditions of 29.92 Hg, 68° F.)

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Orifice (Inches)	Amps	Watts (In)	RPM	Vac (In.H2O)	Flow (CFM)	Air Watts
2.000	7.3	1659	25686	6.0	128.1	91
1.750	7.3	1660	25683	9.9	124.5	146
1.500	7.3	1655	25813	17.0	118.4	238
1.250	7.2	1641	26076	30.0	109.1	387
1.125	7.1	1627	26073	40.1	101.8	483
1.000	7.1	1613	26076	53.1	92.2	579
0.875	6.9	1578	26470	68.3	80.1	647
0.750	6.6	1505	26860	84.4	65.2	651
0.625	6.1	1401	28040	98.6	48.8	569
0.500	5.6	1283	29213	110.6	33.0	432
0.375	4.9	1146	30790	121.1	19.3	277
0.250	4.5	1039	32106	129.2	9.2	141
0.000	4.1	962	33550	139.4		0

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Orifice (mm)	Amps	Watts (In)	RPM	Vac (mm H2O)	Flow (L/Sec)	Air Watts
48.0	7.3	1659	25685	196	59.7	115
40.0	7.3	1657	25774	378	56.7	211
30.0	7.2	1633	26074	903	49.6	440
23.0	6.9	1587	26372	1638	39.2	630
19.0	6.6	1503	26884	2151	30.6	650
16.0	6.1	1405	27993	2490	23.3	573
13.0	5.6	1295	29096	2779	16.3	446
10.0	5.0	1167	30553	3036	10.1	300
6.5	4.5	1044	32040	3271	4.6	147
0.0	4.1	962	33550	3541	0.0	0

Note: Metric Performance data is calculated from the ASTM data above.

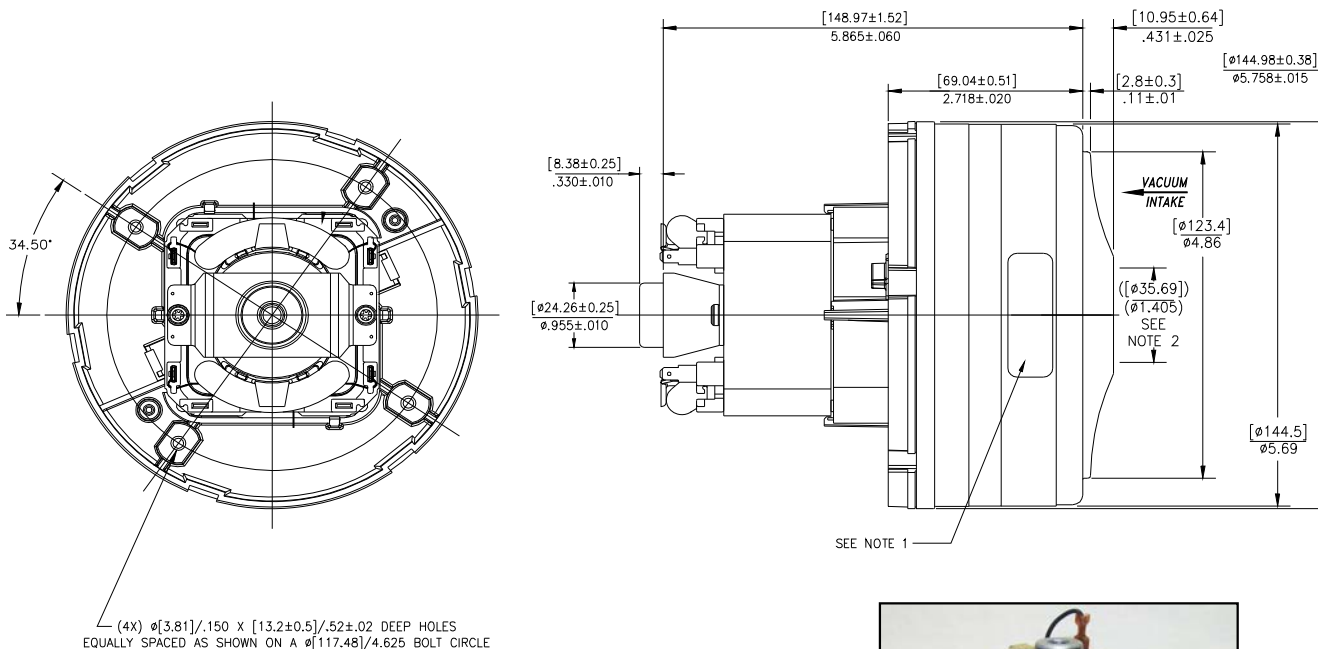
* Data represents performance of a typical motor sampled from a large production quantity. Individual motor data may vary due to normal manufacturing variations.

Test Specs:	240 volts	Minimum Sealed Vacuum:	TBD	ORIFICE:	7/8 "	Minimum Vacuum:	TBD	Maximum Watts:	TBD
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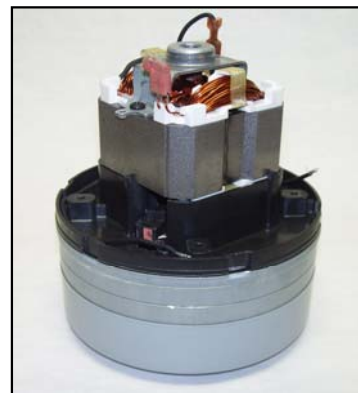
DIMENSIONS

NOTES:

1. MOTOR IDENTIFICATION: MANUFACTURER'S NAME, MODEL NUMBER, VOLTAGE, FREQUENCY, INSPECTOR'S CODE WITH "FF" SUFFIX, DATE OF MANUFACTURE, AGENCY RECOGNITION CODE, PLANT LOCATION CODE, "CLASS F" AND CUSTOMER MODEL NUMBER "TBD".
2. MOUNTING MUST NOT RESTRICT THIS DIAMETER.



PRELIMINARY BULLETIN



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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