AMETEK

# LAMB ELECTRIC

AIR WATT
S E R I E S

Model: **119916-12**

DESCRIPTION
- Two stage
- 120 volts
- 3.5" High Efficiency Lamination
- 7.2"/183 mm diameter
- Double ball bearings
- Self Cleaning Fan System
- 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
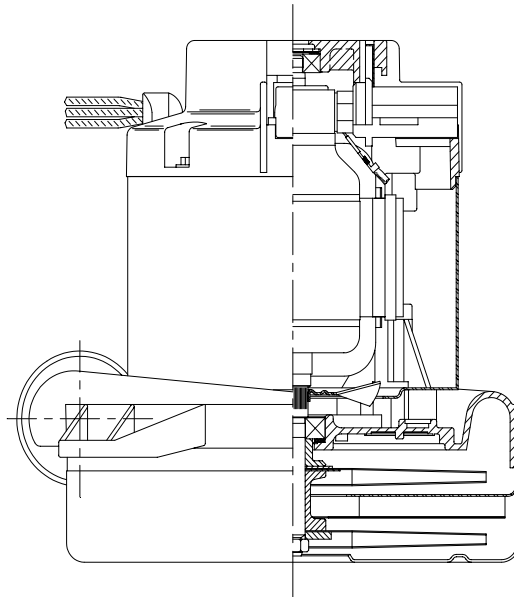
SPECIAL FEATURES
- 600+ Peak Air Watts
- High Efficiency Lamination
- 10 mm shaft and bearing system
- Self Cleaning Fan System
- Epoxy painted fan case
- Aluminum brackets to dampen vibration & improve durability
- Suitable for 120 volt AC operation, 50/60 Hz
- UL recognized, category PRGY2 (E47185)
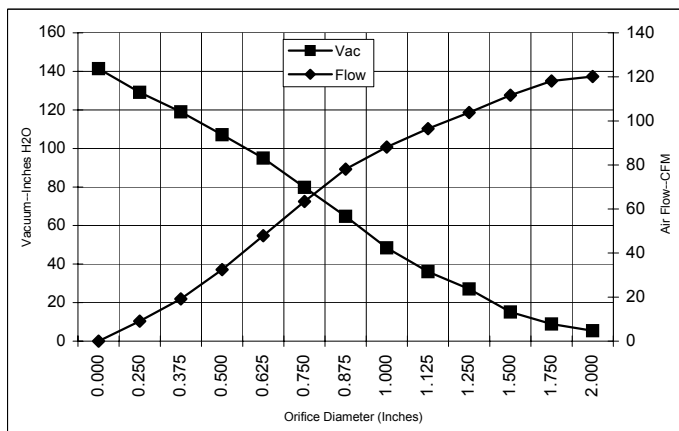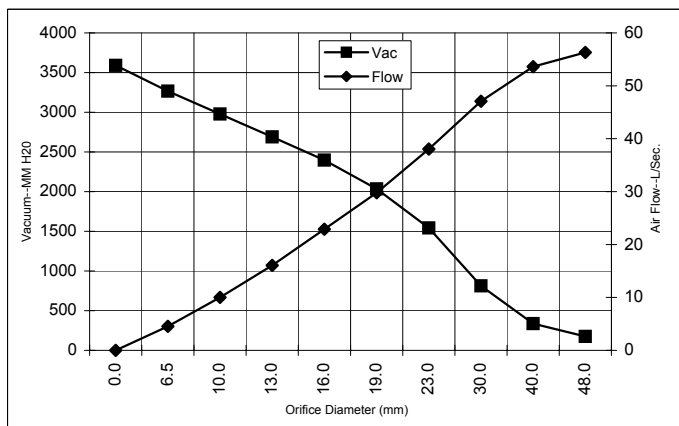- CSA certified, class 1611 01 (LR31393)

PEAK AIRWATTS
610
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	15.8	1785	21020	5.4	120.2	76

DIMENSIONS

NOTES:
1. LEADS: 16GA. STRANDED, ONE BLACK AND ONE WHITE. GROUND LEAD: 18GA. STRANDED, GREEN WITH YELLOW STRIPE.
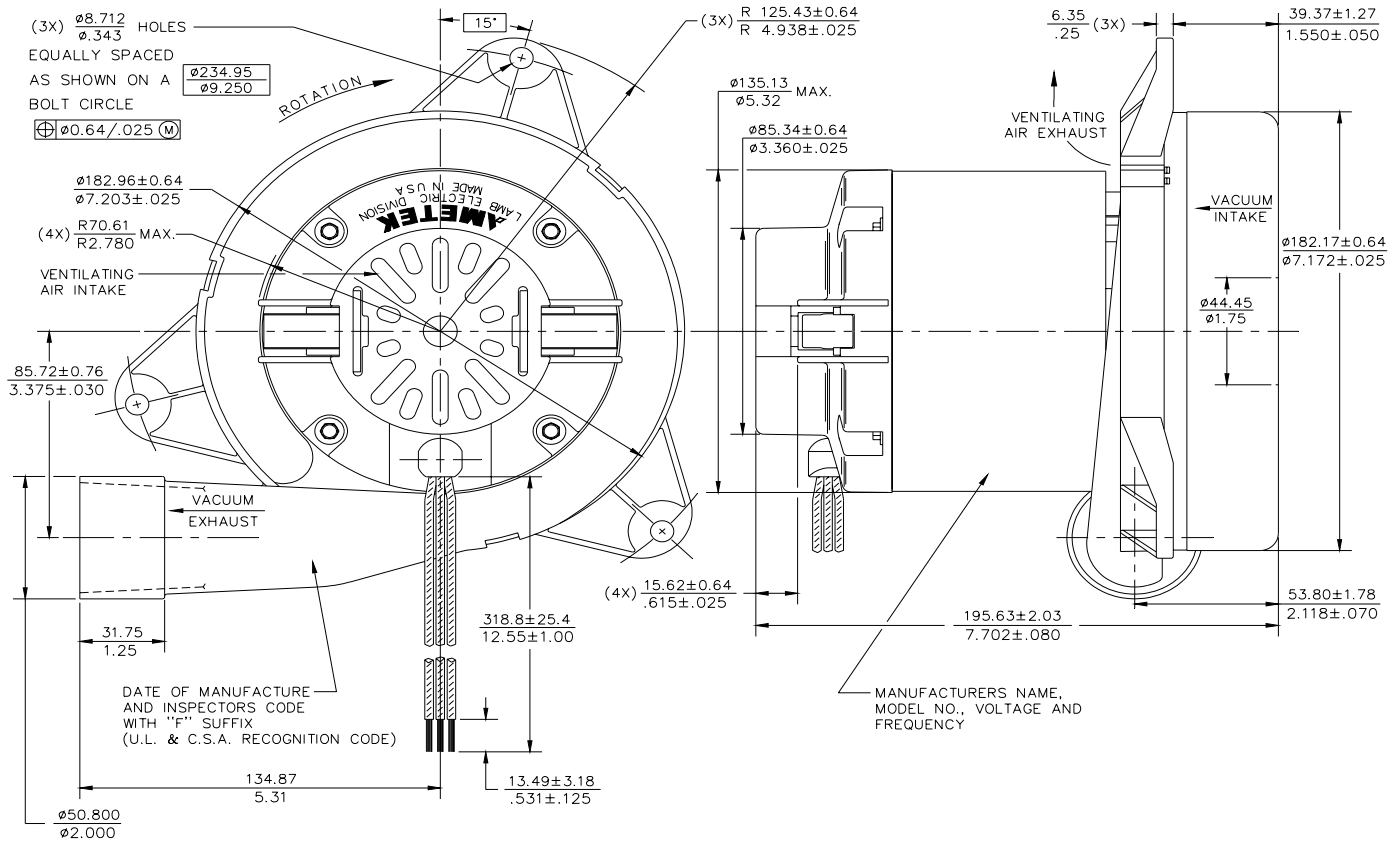
IMPORTANT NOTE: *Pictorial and dimensional data are subject to change without notice. Contact factory for current revision levels.*

WARNING   -   When using AMETEK Lamb Electric 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. Lamb Electric 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 Lamb Electric motors should be submitted to appropriate organizations or agencies for testing specifically related to the safety of your equipment.

AMETEK/Lamb Electric Division
627 Lake Street
Kent, Ohio 44240
U.S.A.
Tel: (330) 673-3786   Fax: (330) 677-3812
www.lambelectric.com

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