



**AMETEK**  
**LAMB ELECTRIC**

**Product Bulletin**

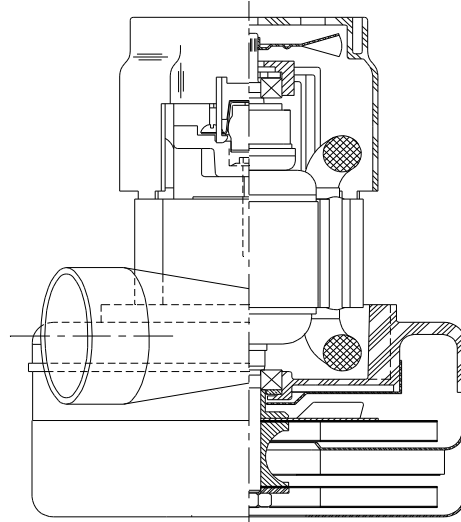
**Model: 119260-07**

**DESCRIPTION**

- Two stage
- 120 volts
- 5.7"/145 mm diameter
- Double ball bearings
- Single speed
- 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



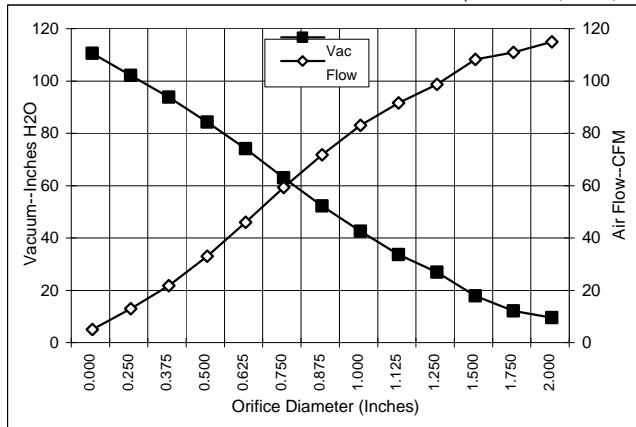
**SPECIAL FEATURES**

- 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
- 10 mm Shaft
- Robust Commutator
- Large Face Carbon Brushes
- Non-loading fans
- Insulated terminals on leads
- The Lamb vacuum motor line offers a wide range of performance levels to meet design needs

**TYPICAL MOTOR PERFORMANCE.\***

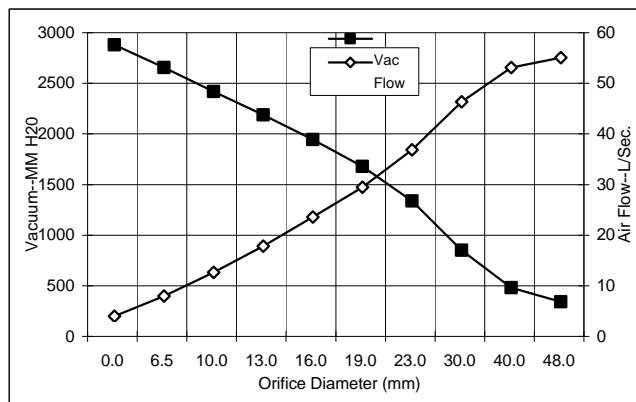
(At 120 volts, 60Hz, test data is corrected to standard conditions of 29.92 Hg, 68° F.)

**ASTM DATA**



Orifice (Inches)	Amps	Watts (In)	RPM	Vac (In.H <sub>2</sub> O)	Flow (CFM)	Air Watts
2.000	13.4	1538	20070	4.5	110.0	53
1.750	13.4	1540	20070	7.1	105.9	88
1.500	13.5	1543	20040	12.8	103.3	156
1.250	13.4	1532	20060	21.9	93.7	241
1.125	13.3	1524	20170	28.6	86.6	292
1.000	13.1	1504	20300	37.6	78.0	344
0.875	12.7	1460	20580	47.2	66.8	371
0.750	12.1	1395	21100	58.0	54.3	370
0.625	11.4	1310	21720	69.1	41.0	333
0.500	10.5	1211	22790	79.3	28.0	261
0.375	9.5	1100	23830	88.8	16.7	174
0.250	8.7	1011	25190	97.1	8.0	91
0.000	8.0	931	26050	105.6	0.0	0

**METRIC DATA**



Orifice (mm)	Amps	Watts (In)	RPM	Vac (mm H <sub>2</sub> O)	Flow (L/Sec)	Air Watts
48.0	13.4	1539	20070	143	51.1	68
40.0	13.5	1542	20049	282	49.1	136
30.0	13.3	1528	20121	650	42.4	269
23.0	12.8	1471	20510	1138	32.9	364
19.0	12.1	1393	21112	1479	25.5	369
16.0	11.4	1313	21695	1744	19.6	334
13.0	10.6	1221	22683	1988	13.8	268
10.0	9.7	1117	23674	2219	8.7	187
6.5	8.7	1015	25122	2456	4.0	95
0.0	8.0	931	26050	2682	0.0	0

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

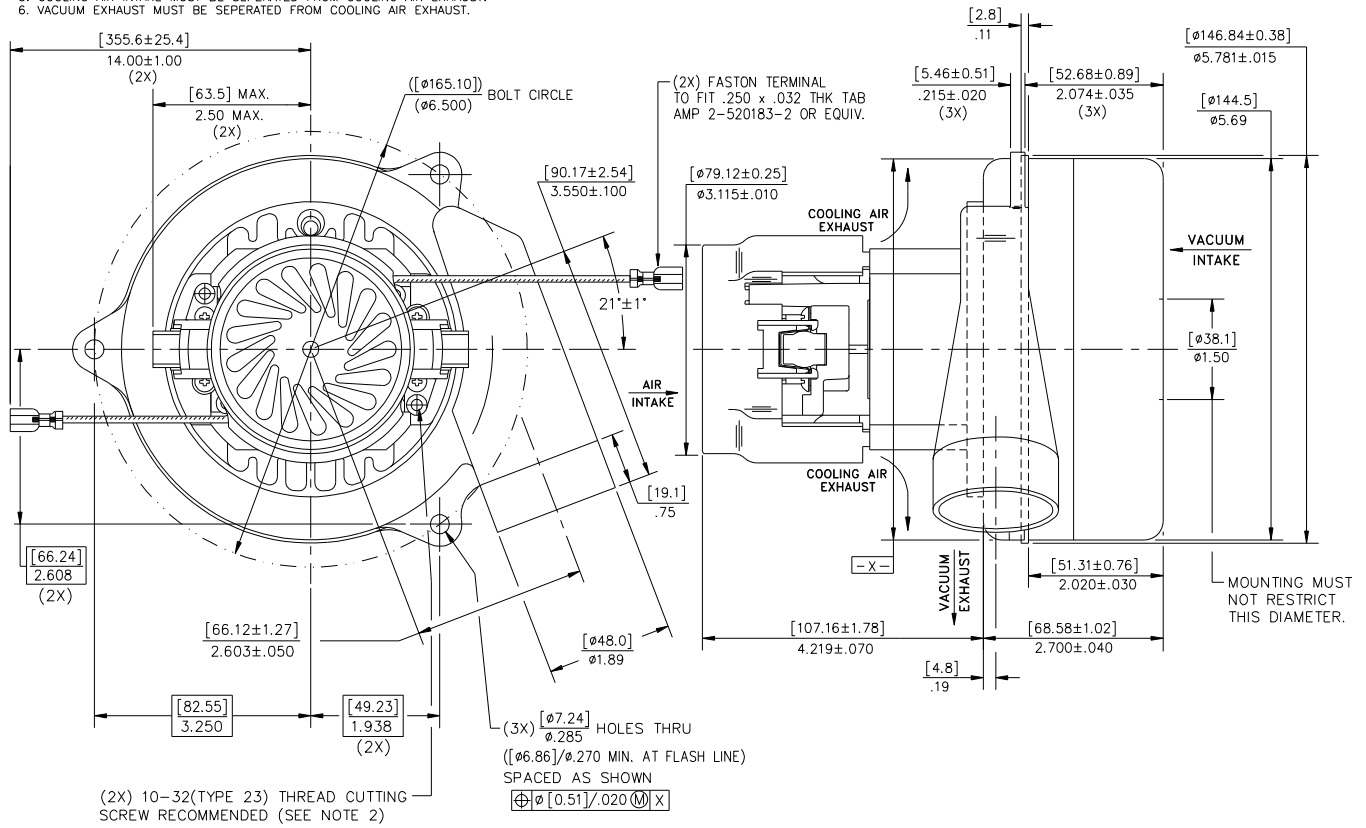
\* Data represents performance of a typical motor sampled from a large production quantity. Individual motor data may vary to normal manufacturing variations.

<b>Test Specs:</b>	120 volts	<b>Minimum Sealed Vacuum:</b>	103.0	<b>ORIFICE:</b>	7/8"	<b>Minimum Vacuum:</b>	49.0	<b>Maximum Watts:</b>	1530
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**DIMENSIONS**

NOTES:

1. LEADS: 18 GA. STRANDED, LEADS CAN BE ANY COLOR EXCEPT GREEN OR GREEN WITH YELLOW STRIPE.
2. GROUNDING OR EARTHING PROVISIONS: USE HOLES AS INDICATED FOR GROUNDING OR EARTHING. REFER TO APPROPRIATE LISTING OR REGULATORY AGENCY FOR PROPER METHOD OF GROUNDING OR EARTHING.
3. MOTOR IDENTIFICATION: MANUFACTURER'S NAME, MODEL NUMBER, VOLTAGE, FREQUENCY, INSPECTOR'S CODE, DATE OF MANUFACTURE, AGENCY RECOGNITION CODE, PLANT LOCATION CODE, AND MADE IN USA.
4. ALLOW 2.5 SQUARE INCHES FOR COOLING AIR INTAKE.
5. COOLING AIR INTAKE MUST BE SEPERATED FROM COOLING AIR EXHAUST.
6. VACUUM EXHAUST MUST BE SEPERATED FROM COOLING AIR EXHAUST.



**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) of 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 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 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) 673-3451  
 Fax: (330) 673-8994

**Ametek GmbH**  
 P. O. Box 1251  
 D-71667 Marbach  
 Germany  
 Phone: + 49-714-484-9512  
 Fax: + 49-714-484-9513

**AMETEK/Singapore Private Limited**  
 10 Ang Mo Kio Street 65  
 # 05-12 Techpoint  
 Singapore 2056  
 Tel: + 65-484-2388  
 Fax: + 65-481-6588