

LAMB ELECTRIC

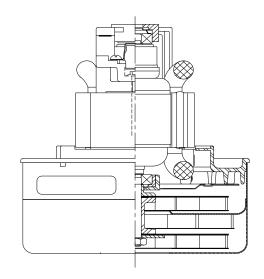
Model: 119559-00

DESCRIPTION

- Two stages
- 220 volts
- 5.7"/145 mm diameter
- Double ball bearings
- Single speed
- Thru-flow discharge
- Aluminum fan end bracket
- Aluminum commutator bracket

DESIGN APPLICATION

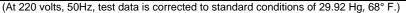
- Equipment operating in environments not requiring separation of working air from motor ventilating air
- Designed to handle clean, dry, filtered air only

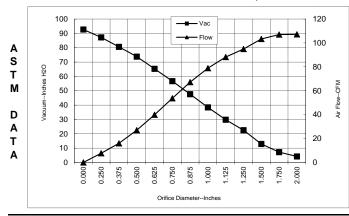


SPECIAL FEATURES

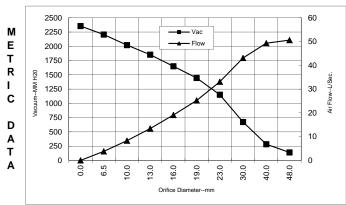
- Suitable for 220 volt AC operation, 50/60 Hz
- UL recognized, category PRGY2 (E47185)
- No shaft extension
- Provision for grounding
- Skeleton-frame design
- The Lamb Electric vacuum motor line offers a wide range of performance levels to meet design needs

TYPICAL MOTOR PERFORMANCE.*





Orifice	Amps	Watts	RPM	Vac	Flow	Air	
(Inches)		(In)		(In.H2O)	(CFM)	Watts	
2.000	5.2	1092	19750	4.2	107.2	53	
1.750	5.2	1094	19650	7.2	107.0	91	
1.500	5.2	1090	19750	12.9	103.3	156	
1.250	5.1	1086	19750	22.5	94.9	251	
1.125	5.1	1084	19750	29.8	88.2	308	
1.000	5.1	1077	19850	38.4	78.9	356	
0.875	5.0	1049	20050	47.6	67.2	376	
0.750	5.0	1008	20550	56.7	53.7	357	
0.625	4.5	949	21250	65.3	39.9	306	
0.500	4.1	881	22140	73.8	27.0	234	
0.375	3.8	819	23140	80.6	16.0	151	
0.250	3.5	764	24140	87.2	7.7	79	
0.000	3.2	699	25040	92.7	0.0	0	



Orifice Amps		Watts	RPM	Vac	Flow	Air	
(mm)		(ln)		(mm H2O)	(L/Sec)	Watts	
48.0	5.2	1093	19706	140	50.6	70	
40.0	5.2	1091	19720	284	49.3	137	
30.0	5.1	1085	19750	673	43.1	282	
23.0	5.0	1056	20000	1151	33.1	371	
19.0	4.9	1007	20564	1445	25.2	356	
16.0	4.5	951	21222	1650	19.1	308	
13.0	4.2	888	22051	1853	13.4	241	
10.0	3.9	828	22990	2021	8.3	163	
6.5	3.6	767	24090	2206	3.8	83	
0.0	3.2	699	25040	2355	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.

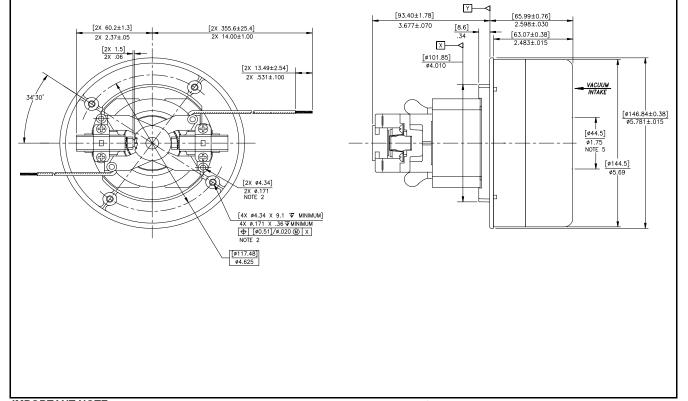
Test Specs:	220 volts	Minimum Sealed Vacuum:	88.0"	ORIFICE:	7/8 "	Minimum Vacuum:	44.0"	Maximum Watts:	1053

PRODUCT BULLETIN 119559-00

DIMENSIONS

- NOTES:

 1. LEADS: 18GA 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. END PLAY: ARMATURE SPRING LOADED AND LOCKED IN PLACE WITH ADHESIVE TO REMOVE END PLAY.
 - 4. MOTOR IDENTIFICATION: MODEL NUMBER, DATE OF MANUFACTURE, UL & CSA RECOGNITION CODE, INSPECTOR'S CODE, MANUFACTURER'S NAME, VOLTAGE, AND FREQUENCY TO APPEAR ON MOTOR.
 - 5. MOUNTING MUST NOT RESTRICT THIS DIAMETER.



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.

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