

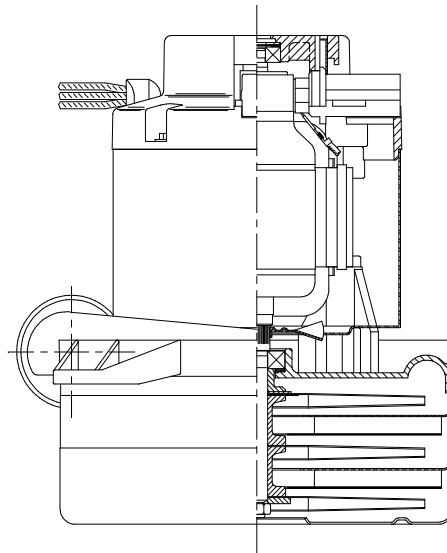


DESCRIPTION

- Three stage
- 240 volts
- 7.2"/183 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

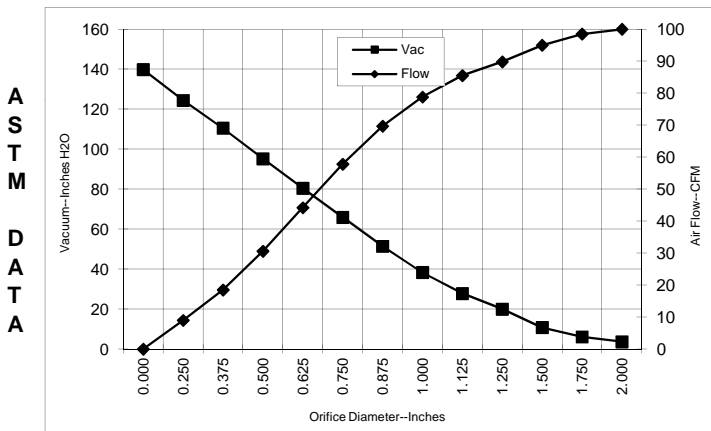


SPECIAL FEATURES

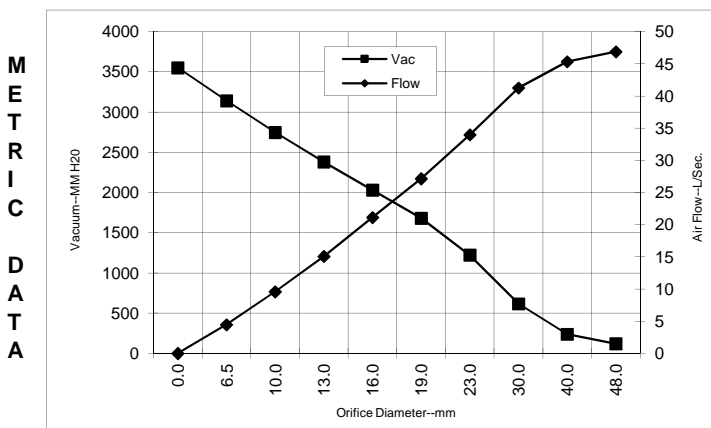
- Suitable for 240 volt AC operation, 50/60 Hz
- UL recognized, category PRGY2 (E47185)
- 10 mm shaft and bearing system
- Epoxy painted fan case
- Non-loading fans
- Provision for grounding
- Aluminum fan end bracket designed to dampen vibration and improve durability
- The Lamb Electric vacuum motor line offers a wide range of performance levels to meet design needs

TYPICAL MOTOR PERFORMANCE.*

(At 240 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	6.5	1450	14960	3.7	100.0	43
1.750	6.5	1452	14932	6.1	98.5	71
1.500	6.5	1453	14910	10.8	95.0	121
1.250	6.5	1455	14916	20.0	89.8	211
1.125	6.5	1453	14929	27.8	85.5	280
1.000	6.5	1448	14990	38.3	78.8	355
0.875	6.4	1436	15196	51.4	69.7	421
0.750	6.3	1405	15635	65.9	57.8	448
0.625	6.0	1343	16316	80.5	44.2	419
0.500	5.5	1249	17252	95.2	30.6	343
0.375	5.0	1134	18317	110.5	18.5	241
0.250	4.5	1030	19460	124.4	9.0	132
0.000	4.1	943	19250	139.8	0.0	0



Orifice (mm)	Amps	Watts (In)	RPM	Vac (mm H2O)	Flow (L/Sec)	Air Watts
48.0	6.5	1451	14948	120	46.9	55
40.0	6.5	1453	14917	239	45.3	106
30.0	6.5	1454	14923	617	41.3	249
23.0	6.4	1439	15145	1222	34.0	405
19.0	6.2	1404	15649	1681	27.2	447
16.0	6.0	1345	16289	2030	21.1	420
13.0	5.6	1258	17158	2381	15.1	351
10.0	5.1	1151	18157	2748	9.6	256
6.5	4.5	1035	19403	3142	4.5	137
0.0	4.1	943	19250	3551	0.0	0

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

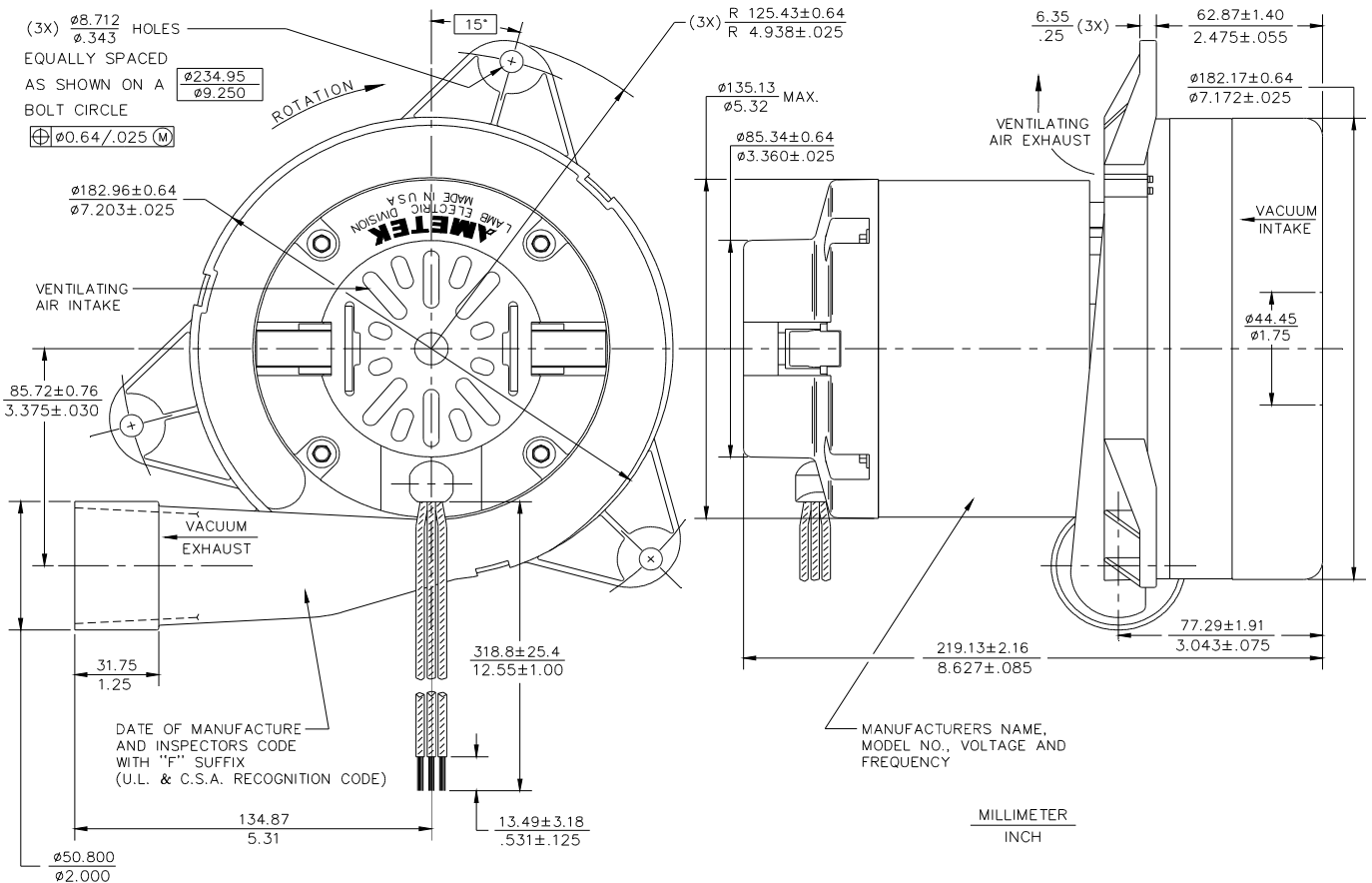
* Data represents performance of a typical motor sampled from a large production quantity. Individual motor data may vary due to normal manufacturing variations.

Test Specs:	240 volts	Minimum Sealed Vacuum:	130.0"	ORIFICE:	7/8 "	Minimum Vacuum:	44.0"	Maximum Watts:	1500
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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/Floorcare & Specialty Motors
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