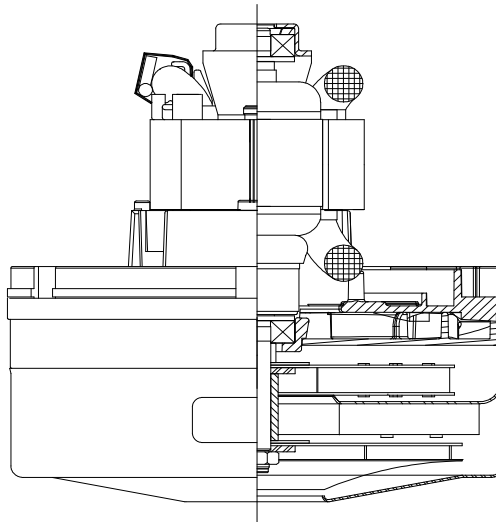


**Floorcare & Specialty Motors**

**Models: 122323-00**

**DESCRIPTION**

- Two stage
- 120 volts
- 5.7"/145 mm diameter
- Double ball bearings
- Single speed
- Thru-flow discharge
- Steel End bracket
- Thermoset Commutator bracket



**SPECIAL FEATURES**

- Suitable for 120 volt AC operation, 50/60 Hz
- UL recognized, category PRGY2 (E47185)
- Provision for grounding
- Skeleton-frame construction
- High Efficient fan system
- Auto-Reset Thermal Device
- Patented "Eternity" brush mech for 2000+ hours life
- The Lamb Electric vacuum motor line offers a wide range of performance levels to meet design needs

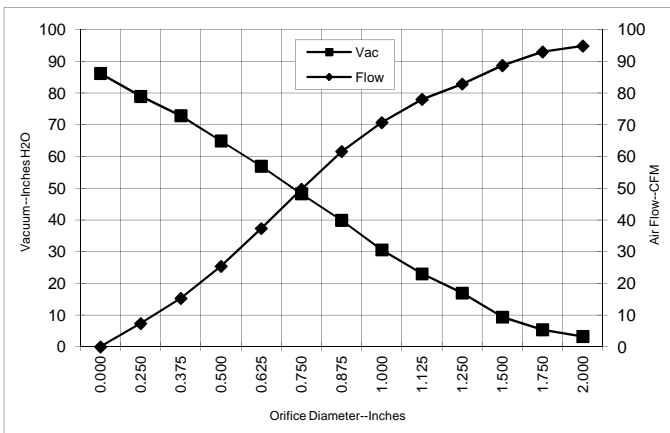
**DESIGN APPLICATION**

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

**TYPICAL MOTOR PERFORMANCE.\***

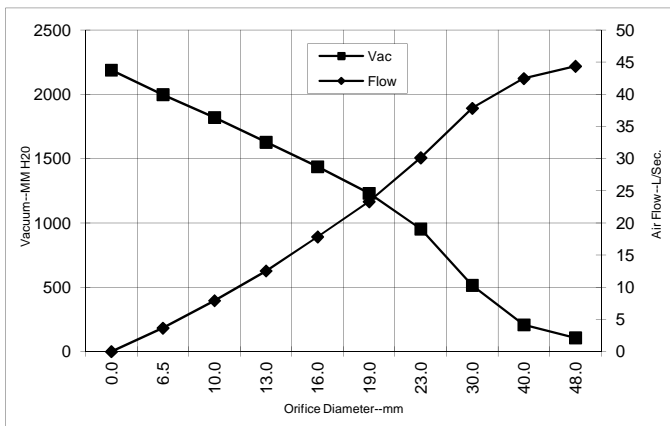
(At 120 volts, 60Hz, test data is corrected to standard conditions of 29.92 Hg, 68° F.)

**ASTM DATA**



Orifice (Inches)	Amps	Watts (In)	RPM	Vac (In.H <sub>2</sub> O)	Flow (CFM)	Air Watts
2.000	6.4	705	18,924	3.3	94.8	36
1.750	6.4	709	18,930	5.4	93.0	59
1.500	6.4	711	18,856	9.4	88.7	98
1.250	6.5	722	18,777	17.0	82.8	165
1.125	6.6	724	18,679	23.0	78.0	211
1.000	6.6	730	18,617	30.6	70.7	254
0.875	6.6	729	18,703	39.9	61.6	288
0.750	6.4	705	18,973	48.3	49.6	281
0.625	6.0	669	19,573	56.9	37.3	249
0.500	5.5	617	20,369	64.9	25.4	193
0.375	5.0	563	21,386	72.9	15.3	130
0.250	4.5	512	22,323	79.0	7.4	68
0.000	4.2	476	23,229	86.2	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	6.4	706	18926	107	44.4	46
40.0	6.4	711	18878	208	42.5	86
30.0	6.5	723	18723	515	37.8	190
23.0	6.6	729	18682	954	30.1	280
19.0	6.4	704	18985	1231	23.3	281
16.0	6.0	670	19549	1437	17.8	251
13.0	5.6	622	20289	1628	12.5	199
10.0	5.1	571	21233	1820	7.9	140
6.5	4.5	514	22276	1998	3.7	71
0.0	4.2	476	23229	2189	0.0	0

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

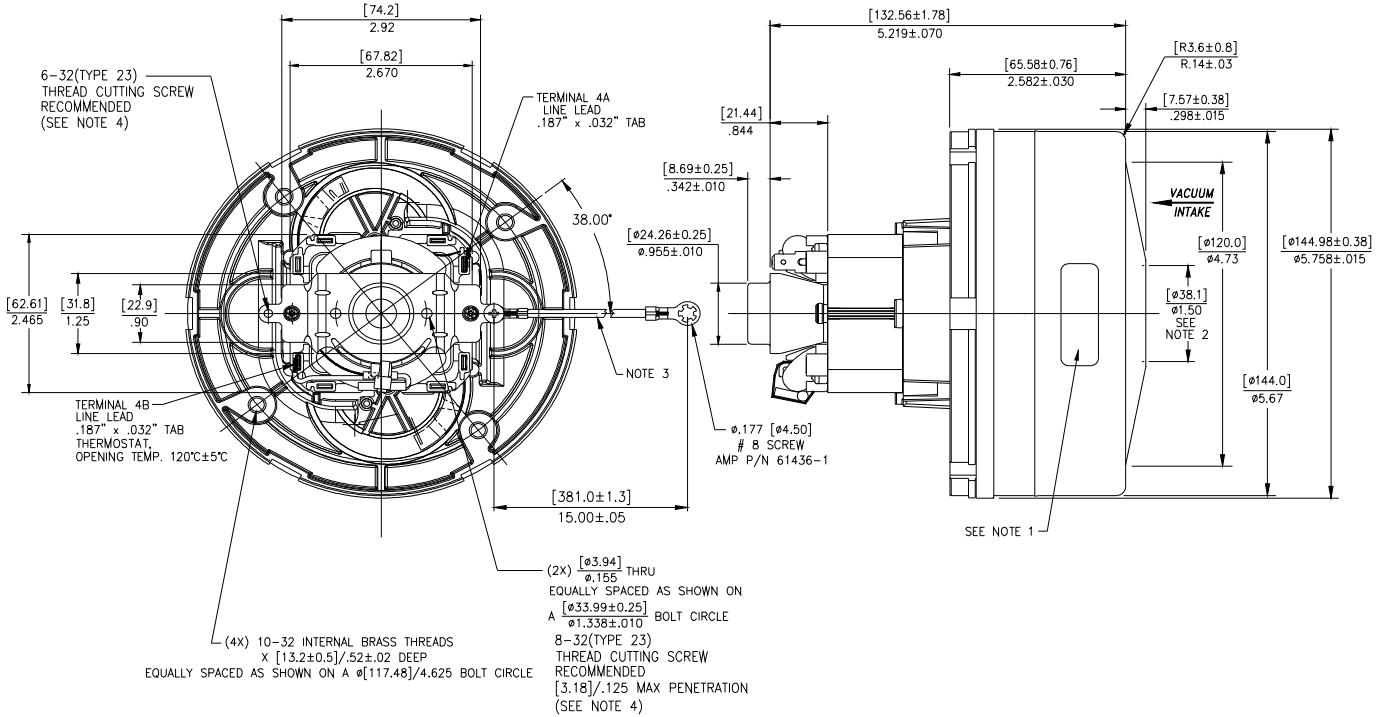
\* Data represents performance of a typical motor sampled from a large production quantity. Individual motor data may vary due to normal manufacturing variations.

<b>Test Specs:</b>	120 volts	<b>Minimum Sealed Vacuum:</b>	80"	<b>ORIFICE:</b>	7/8 "	<b>Minimum Vacuum:</b>	36"	<b>Maximum Watts:</b>	783
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**DIMENSIONS**

**NOTES:**

1. MODEL NUMBER, DATE OF MANUFACTURE, PLANT LOCATION CODE, AGENCY RECOGNITION CODE, INSPECTOR'S CODE, MANUFACTURER'S NAME, VOLTAGE AND FREQUENCY, AND CUSTOMER'S PART NO. TO APPEAR ON MOTOR.
2. MOUNTING MUST NOT RESTRICT THIS DIAMETER.
3. GROUND LEAD: 18GA STRANDED, GREEN OR GREEN WITH YELLOW STRIPES..
4. 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.



**IMPORTANT NOTE:** Pictorial and dimensional data are subject to change without notice. Contact factory for current revision levels.

**WARNING** - When using AMETEK Floorcare & Specialty Motors (F&SM) 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. F&SM 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 F&SM motors should be submitted to appropriate organizations or agencies for testing specifically related to the safety of your equipment.

**AMETEK/Floorcare & Specialty Motors**  
[www.ametekfsm.com](http://www.ametekfsm.com)