



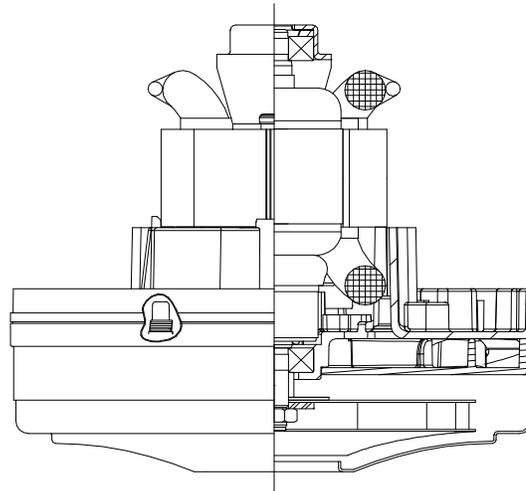
Preliminary

SPECIAL FEATURES

- Suitable for 120 volt AC operation, 60 Hz
- UL recognized, category PRGY2 (E47185)
- "Eternity" (curved) Brush Mech
- Provision for grounding
- Skeleton-frame construction
- **Patented Advantek II diffusion**
- **Tapered high efficiency fan system**
- 120 Deg C Thermal Device
- The Lamb vacuum motor line offers a wide range of performance levels to meet design needs

DESCRIPTION

- Single stage
- 120 volts
- 5.7"/145 mm diameter
- Double ball bearings
- Single speed
- Thru-flow discharge
- Thermo-set fan end bracket
- Stamped steel end bracket



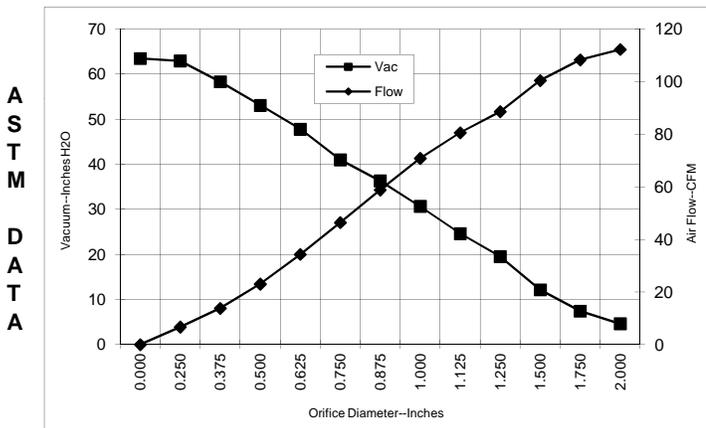
DESIGN APPLICATION

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

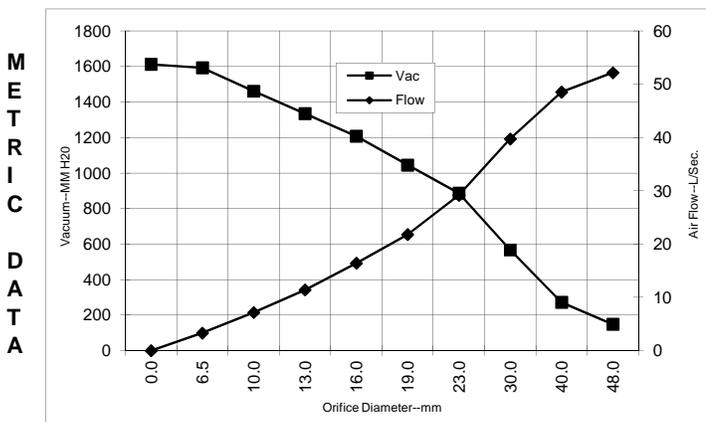


TYPICAL MOTOR PERFORMANCE.*

(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.H ₂ O)	Flow (CFM)	Air Watts
2.000	5.8	655	20962	4.6	112.3	61
1.750	5.8	653	20962	7.4	108.3	95
1.500	5.8	654	20963	12.2	100.5	143
1.250	5.5	626	21154	19.5	88.6	203
1.125	5.5	623	21361	24.6	80.6	233
1.000	5.4	612	21754	30.7	70.8	255
0.875	5.1	580	22216	36.3	58.9	251
0.750	4.8	545	22961	41.0	46.4	229
0.625	4.4	510	23948	47.8	34.3	192
0.500	4.1	469	25130	53.1	23.0	143
0.375	3.7	429	26326	58.3	13.8	94
0.250	3.4	399	27511	63.0	6.7	49
0.000	3.2	672	28262	63.5	0.0	0



Orifice (mm)	Amps	Watts (In)	RPM	Vac (mm H ₂ O)	Flow (L/Sec)	Air Watts
48.0	5.8	654	20962	149	52.2	76
40.0	5.8	653	20963	273	48.5	129
30.0	5.5	624	21268	567	39.7	219
23.0	5.2	588	22101	887	29.2	252
19.0	4.7	544	22981	1045	21.8	228
16.0	4.4	511	23909	1207	16.4	194
13.0	4.1	473	25012	1335	11.4	148
10.0	3.7	435	26147	1462	7.2	102
6.5	3.4	400	27452	1593	3.3	52
0.0	3.2	672	28262	1612	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:	120 volts	Minimum Sealed Vacuum:	TBD	ORIFICE:	7/8 "	Minimum Vacuum:	TBD	Maximum Watts:	TBD
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