

LAMB ELECTRIC

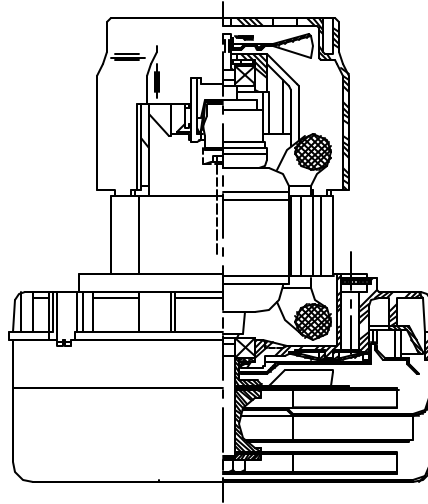
Model: 116024-13

DESCRIPTION

- Two stage
- 120 volts
- 5.7"/145 mm diameter
- Double ball bearings
- Single speed
- ACUSTEK® low-noise peripheral bypass discharge
- Thermoset fan end bracket
- Thermoset commutator bracket
- Double insulation

DESIGN APPLICATION

- Equipment operating in environments requiring separation of working air from motor ventilating air
- Designed to handle clean, dry, filtered air only

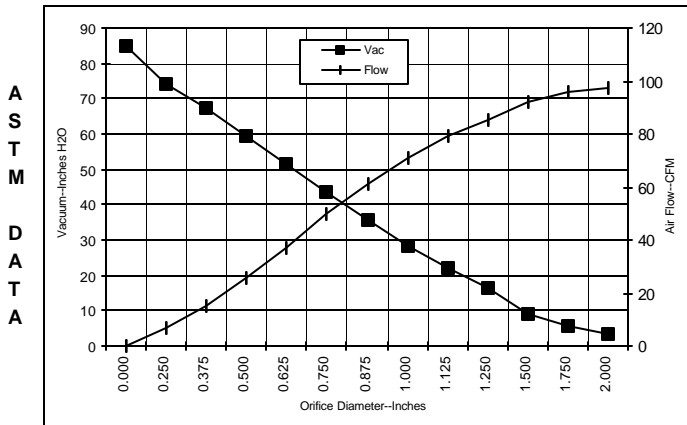


SPECIAL FEATURES

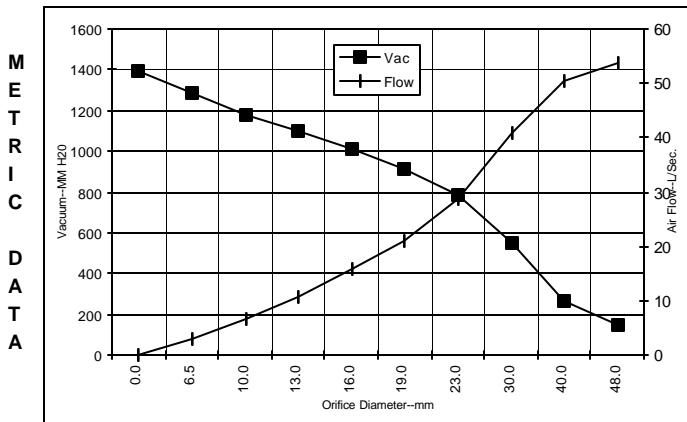
- Suitable for 120 volt AC operation, 50/60 Hz
- UL recognized, category PRGY2 (E47185)
- CSA certified, class 1611 01 (LR31393)
- Skeleton-frame design
- Epoxy painted fan case
- Patented air seal bearing construction. U.S. Patent #4,088,424
- ACUSTEK® low-noise design, U.S. Patent #1,417,200
- The Lamb Electric 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.)



Orifice (Inches)	Amps	Watts (In)	RPM	Vac (In.H ₂ O)	Flow (CFM)	Air Watts
2.000	7.8	901	17649	3.3	97.0	37
1.750	7.8	905	17573	5.5	96.0	62
1.500	7.9	911	17484	9.3	92.0	100
1.250	7.9	918	17431	16.4	85.0	163
1.125	7.9	917	17389	21.9	79.0	204
1.000	7.9	912	17487	28.4	71.0	237
0.875	7.7	895	17692	35.6	61.0	255
0.750	7.4	862	18054	43.5	50.0	253
0.625	7.0	817	18693	51.4	37.0	225
0.500	6.5	758	19523	59.3	26.0	179
0.375	5.9	694	20516	67.2	15.0	122
0.250	5.4	643	21496	74.2	7.0	63
0.000	5.0	596	22332	84.9	0.0	0



Orifice (mm)	Amps	Watts (In)	RPM	Vac (mm H ₂ O)	Flow (L/Sec)	Air Watts
48.0	6.84	766	19530	144	53.6	76
40.0	6.90	773	19451	264	50.4	131
30.0	6.90	775	19501	549	40.9	221
23.0	6.64	745	20157	785	28.7	222
19.0	6.39	714	20891	911	21.1	189
16.0	6.11	682	21600	1007	15.7	156
13.0	5.77	650	22327	1096	10.8	117
10.0	5.45	618	23105	1181	6.6	77
6.5	5.15	581	23839	1281	2.9	37
0.0	4.90	554	24430	1392	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 variability.

Test Specs:	120 volts	Minimum Sealed Vacuum:	80.0"	ORIFICE:	7/8"	Minimum Vacuum:	33.0"	Maximum Watts:	1050
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