



AMETEK LAMB ELECTRIC

Product Bulletin

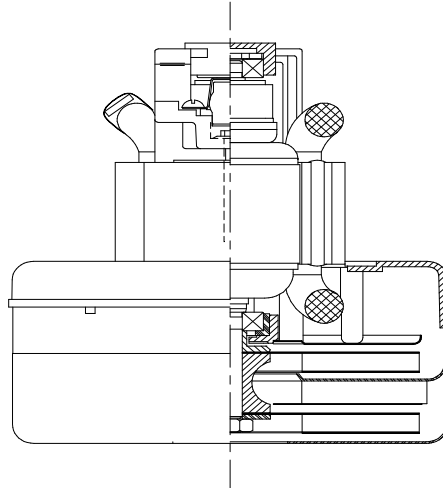
Model: 117556-00

DESCRIPTION

- Two stage
- 120 volts
- 5.7"/145 mm diameter
- Double ball bearings
- Two 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

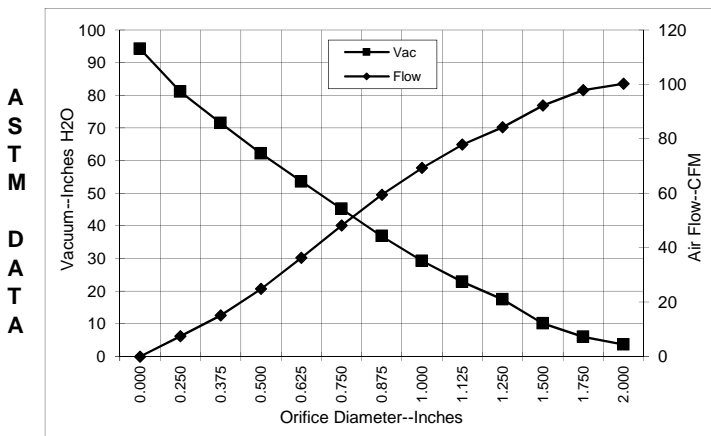


SPECIAL FEATURES

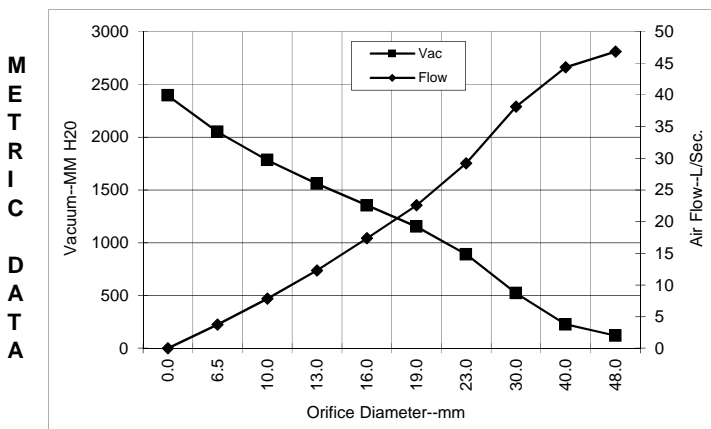
- Suitable for 120 volt AC operation, 50/60 Hz
- UL recognized, category PRGY2 (E47185)
- CSA certified, class 1611 01 (LR31393)
- Provision for grounding
- Skeleton frame design
- Thermal protection, automatic reset, UL category XEWR2 (E27701)
- The Lamb vacuum motor line offers a wide range of performance 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.H2O)	Flow (CFM)	Air Watts
2.000	7.5	874	18440	3.7	100.2	43
1.750	7.5	880	18363	6.0	97.9	69
1.500	7.6	887	18236	10.1	92.2	110
1.250	7.7	895	18153	17.5	84.3	174
1.125	7.7	896	18096	22.9	77.9	210
1.000	7.7	888	18196	29.3	69.3	238
0.875	7.5	869	18396	36.9	59.4	258
0.750	7.2	836	18893	45.2	48.1	255
0.625	6.7	788	199553	53.6	36.3	228
0.500	6.2	728	20413	62.2	24.9	182
0.375	5.6	666	216336	71.5	15.1	127
0.250	5.1	611	23010	81.1	7.5	71
0.000	4.7	565	24400	94.2	0.0	0



Orifice (mm)	Amps	Watts (In)	RPM	Vac (mm H2O)	Flow (L/Sec)	Air Watts
48.0	7.5	877	18406	119	46.8	54
40.0	7.6	885	18274	225	44.3	98
30.0	7.7	896	18122	520	38.1	194
23.0	7.5	874	18346	889	29.2	253
19.0	7.2	835	22506	1152	22.6	254
16.0	6.7	790	192327	1353	17.4	229
13.0	6.2	734	38327	1558	12.3	187
10.0	5.7	675	186948	1781	7.8	135
6.5	5.2	614	32676	2048	3.7	74
0.0	4.7	565	24400	2393	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 to normal manufacturing variations.

Test Specs:	120 volts	Minimum Sealed Vacuum:	83.0"	ORIFICE:	7/8"	Minimum Vacuum:	35.0"	Maximum Watts:	1010
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