



**AMETEK**  
**LAMB ELECTRIC**

**Product Bulletin**

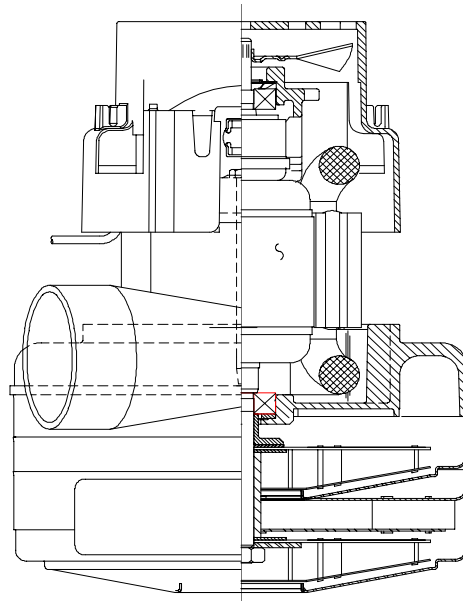
**Model: 122059-07**

**DESCRIPTION**

- Double stage
- 230 volts
- 5.7"/ 145 mm diameter
- Dual ball bearings
- Single speed
- Tangential bypass discharge
- Plastic fan end bracket
- Plastic 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



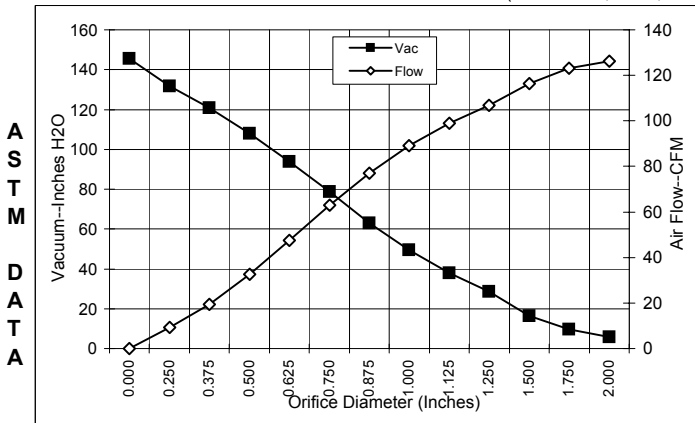
**SPECIAL FEATURES**

- Suitable for 230 volt AC operation, 50/60 Hz
- UL recognized, category PRGY2 (E47185)
- Provision for grounding
- Skeleton frame design
- Dual Tapered fan system
- The Lamb vacuum motor line offers a wide range of performance levels to meet design needs

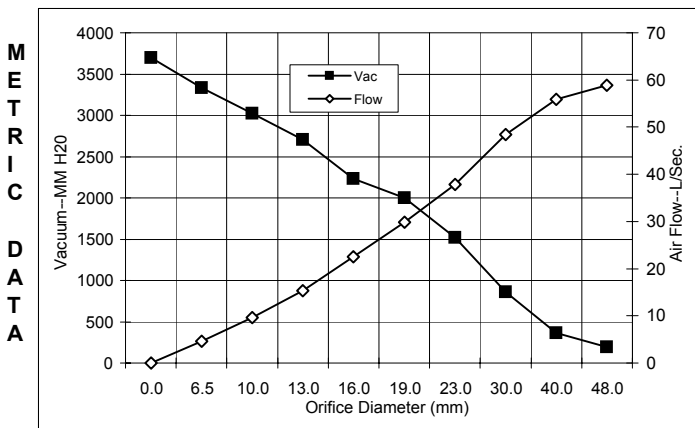


**TYPICAL MOTOR PERFORMANCE.\***

(At 230 volts, 60Hz, test data is corrected to standard conditions of 29.92 Hg, 68° F.)



Orifice (Inches)	Amps	Watts (In)	RPM	Vac (In.H <sub>2</sub> O)	Flow (CFM)	Air Watts
2.000	8.1	1794	23340	5.9	126.1	88
1.750	8.2	1818	23350	9.7	123.0	140
1.500	8.2	1817	23310	16.5	116.5	226
1.250	8.2	1813	23290	28.7	106.7	360
1.125	8.2	1818	23300	37.9	99.0	442
1.000	8.1	1793	23490	49.6	89.2	520
0.875	7.8	1745	23770	63.0	77.0	571
0.750	7.6	1683	24100	78.6	63.0	582
0.625	7.1	1584	24890	93.7	47.6	525
0.500	6.6	1462	26050	108.0	32.6	415
0.375	5.9	1315	27400	120.9	19.4	276
0.250	5.3	1187	29020	131.7	9.3	144
0.000	4.8	1089	30490	145.7	0.0	0



Orifice (mm)	Amps	Watts (In)	RPM	Vac (mm H <sub>2</sub> O)	Flow (L/Sec)	Air Watts
48.0	8.1	1805	23344	192	58.9	111
40.0	8.2	1817	23322	367	55.9	200
30.0	8.2	1816	23296	858	48.4	405
23.0	7.9	1757	23700	1516	37.8	515
19.0	7.6	1681	24116	2003	29.8	528
16.0	7.1	1588	24858	2230	22.5	470
13.0	6.6	1474	25934	2707	15.3	426
10.0	6.0	1337	27198	3023	9.6	296
6.5	5.3	1193	28939	3332	4.6	150
0.0	4.8	1089	30490	3700	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.

<b>Test Specs:</b>	230 volt			
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