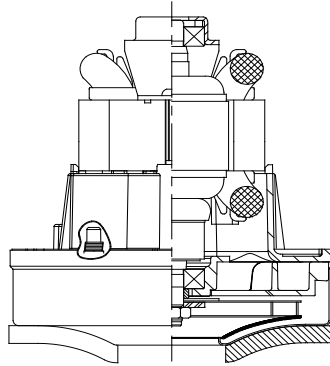


**Lamb**<sup>®</sup>  
4.2" Thru-Flow Advantek Vacuum Motors



**Model: 122477-00**

**MECHANICAL**

**DIAMETER:** 4.3" (106mm)  
**DISCHARGE TYPE:** Thru-flow  
**DISCHARGE:** Thru-flow

**PERFORMANCE**

**STAGES:** 1  
**SPEED:** Single

**DESIGN APPLICATIONS**

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

**ELECTRICAL**

**OPERATING INPUT VOLTAGE:** 120 volts AC

**FEATURES**

Provision for grounding  
The Lamb vacuum motor line offers a wide range of performance levels to meet design needs

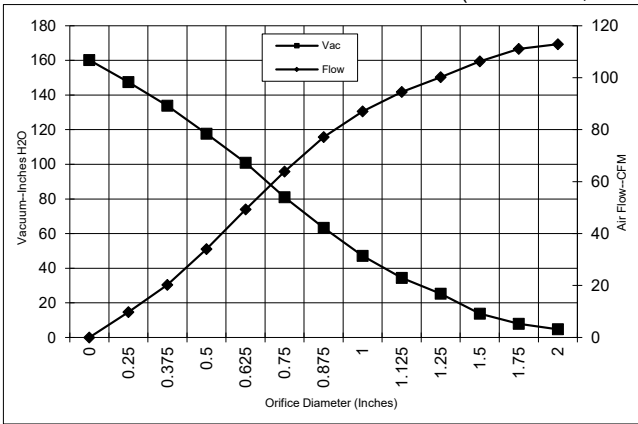
**REGULATORY CERTIFICATIONS**

cRUus recognized, category PRGY2/8 (E47185).

**TYPICAL MOTOR PERFORMANCE.\***

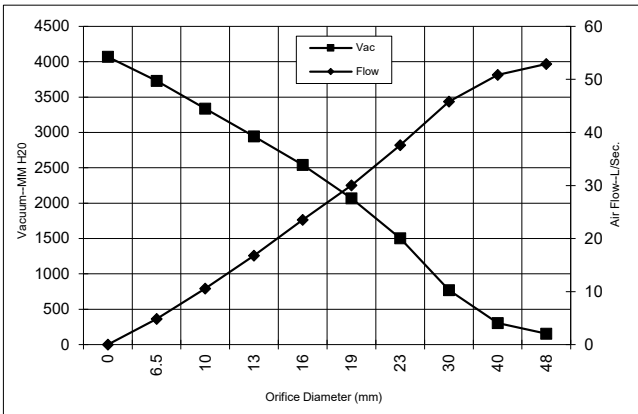
(At 120 volts, 60Hz, test data is corrected to standard conditions of 29.92 Hg, 68° F.)

**ASTM DATA**



Orifice (Inches)	Amps	Watts (In)	RPM	Vac (In.H <sub>2</sub> O)	Flow (CFM)	Air Watts
2.000	4.0	479	28021	2.4	80.7	22
1.750	4.0	476	27972	3.8	78.5	35
1.500	4.0	474	28070	6.7	75.1	59
1.250	4.0	477	28094	11.6	69.2	94
1.125	4.0	477	28119	15.7	65.0	119
1.000	4.0	476	28216	20.9	59.1	145
0.875	3.9	467	28509	27.4	51.3	165
0.750	3.8	454	29046	34.6	42.3	171
0.625	3.7	443	29925	41.4	32.0	156
0.500	3.6	424	31048	46.6	21.6	118
0.375	3.3	396	32707	53.1	13.2	82
0.250	3.1	375	34465	58.0	6.5	44
0.000	3.0	356	36222	60.5	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	4.0	477	28000	76	37.7	28
40.0	4.0	475	28041	148	35.9	52
30.0	4.0	477	28108	352	31.6	108
23.0	4.0	470	28436	654	25.1	160
19.0	3.8	454	29064	882	19.9	171
16.0	3.7	443	29890	1045	15.3	156
13.0	3.6	426	30935	1169	10.7	122
10.0	3.4	401	32458	1324	6.8	88
6.5	3.1	376	34377	1468	3.2	46
0.0	3.0	356	36222	1536	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>	55.0	<b>ORIFICE:</b>	7/8"	<b>Min. Vacuum:</b>	24.5	<b>Maximum Watts:</b>	520
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Lamb<sup>®</sup> | Nautilair<sup>®</sup> | Prestolite Motors | ROTRON<sup>®</sup> | Windjammer<sup>®</sup>

