

**Lamb<sup>®</sup> Performance**

9.0" Flo-Tek Bypass Tangential Vacuum Motors

**Model: 122706-03**

**MECHANICAL**

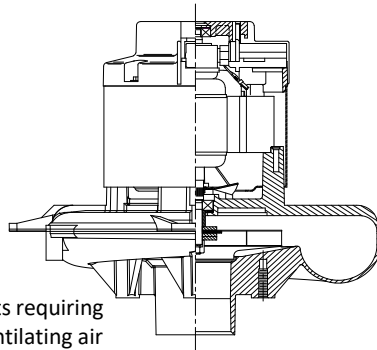
**DIAMETER:** 9.0" (229mm)  
**DISCHARGE TYPE:** Bypass  
**DISCHARGE:** "True" Tangential

**PERFORMANCE**

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

**DESIGN APPLICATIONS**

-Equipment operating in environments requiring separation of working air & motor ventilating air  
-Handles clean, dry, filtered air only



**ELECTRICAL**

**OPERATING INPUT VOLTAGE:** 36v volts DC

**FEATURES**

-Provision for grounding  
-10mm shaft and bearing system  
-Aluminum fan end bracket designed to dampen vibration and improve durability  
-The Lamb vacuum motor line offers a wide range of performance levels to meet design needs

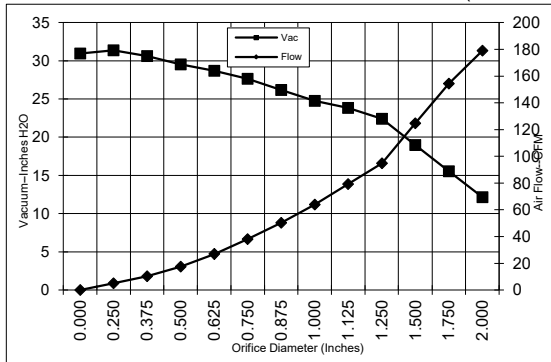
**REGULATORY CERTIFICATIONS**

cRUus recognized, category PRGY2/8 (E47185)

**TYPICAL MOTOR PERFORMANCE.\***

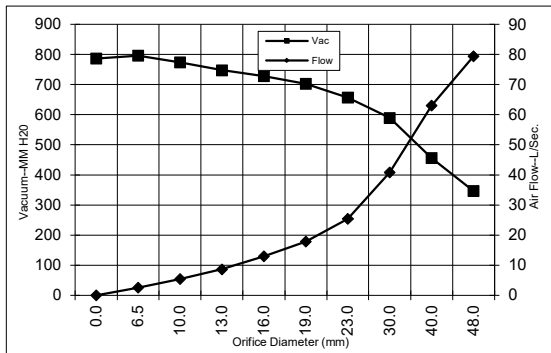
(At 36 volts, 60Hz, test data is corrected to standard conditions of 29.92 Hg, 68° F.)

ASTM DATA



Orifice (Inches)	Amps	Watts (In)	RPM	Vac (In.H <sub>2</sub> O)	Flow (CFM)	Air Watts
2.000	21.7	781	13535	12.1	179.0	255
1.750	21.2	764	13709	15.6	154.6	282
1.500	20.7	744	14083	18.9	124.6	277
1.250	19.6	707	14602	22.4	94.7	249
1.125	18.8	678	14920	23.8	79.3	222
1.000	18.3	662	15189	24.8	64.0	186
0.875	17.8	642	15497	26.2	50.2	154
0.750	17.5	631	15716	27.7	38.0	123
0.625	16.7	611	16048	28.7	26.9	91
0.500	16.1	581	16394	29.5	17.3	60
0.375	15.7	566	16657	30.6	10.4	37
0.250	15.5	561	16806	31.4	5.0	18
0.000	15.4	557	16963	31.0	0.0	0

METRIC DATA



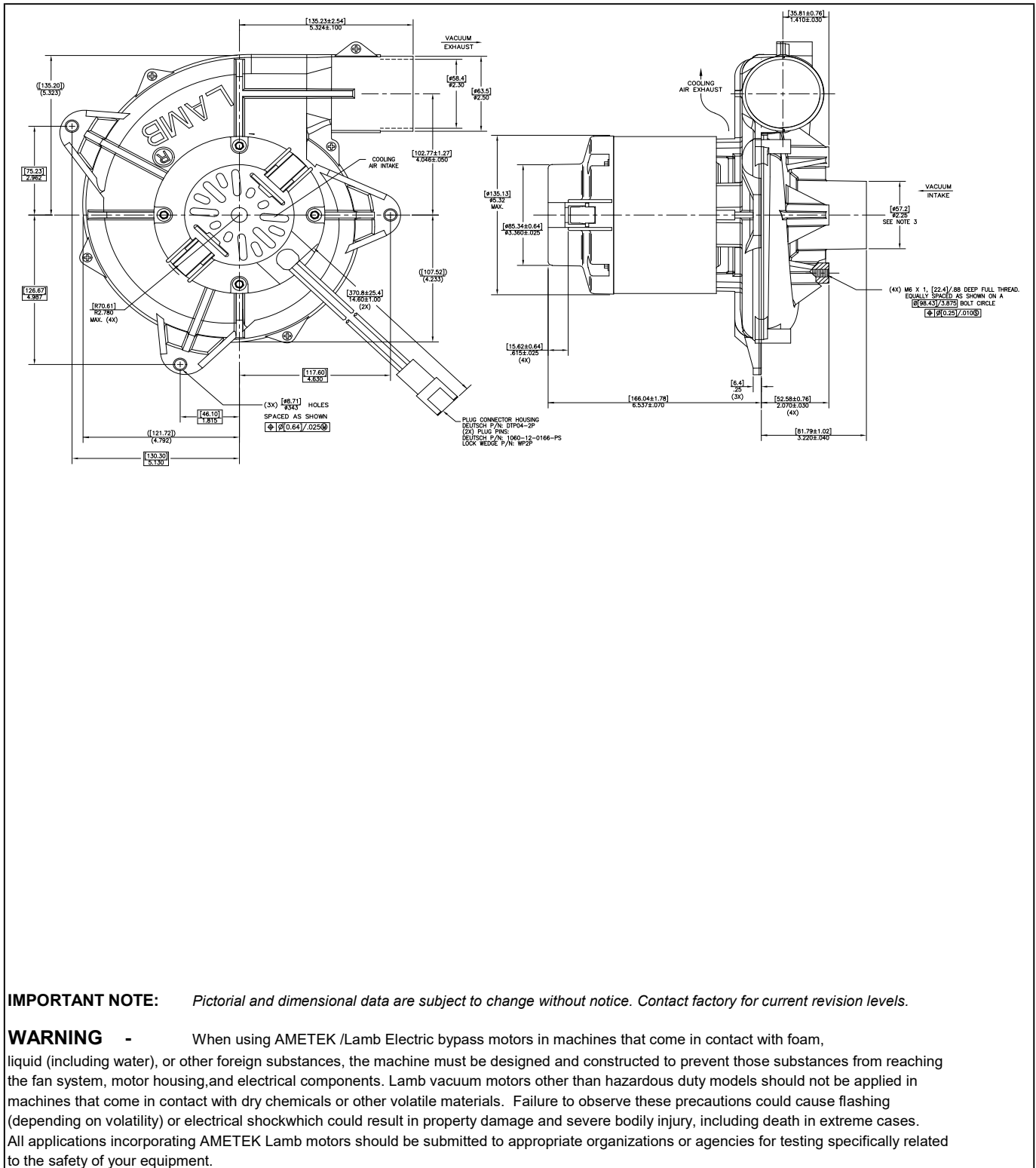
Orifice (mm)	Amps	Watts (In)	RPM	Vac (mm H <sub>2</sub> O)	Flow (L/Sec)	Air Watts
48.0	21.5	773	13612	346	79.4	267
40.0	20.8	750	13971	455	63.1	279
30.0	19.2	691	14777	589	40.7	234
23.0	17.9	647	15420	656	25.3	162
19.0	17.5	631	15723	703	17.8	123
16.0	16.7	611	16034	728	12.9	92
13.0	16.2	584	16359	747	8.6	63
10.0	15.7	568	16618	774	5.4	41
6.5	15.5	562	16798	796	2.5	19
0.0	15.4	557	16963	786	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:	36-Volts	Minimum Sealed Vacuum:	27"	ORIFICE:	7/8"	Min. Vacuum:	24.0"	Maximum Watts:	694
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Lamb<sup>®</sup> | Nautilair<sup>®</sup> | Prestolite Motors | ROTRON<sup>®</sup> | Windjammer<sup>®</sup>



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