



**Model: 122688-18**

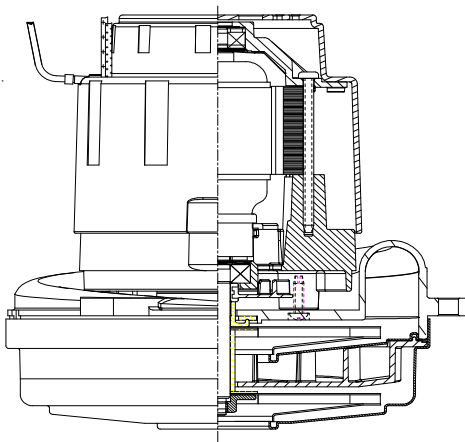


**DESCRIPTION**

- 120 volts AC
- Two-stage tapered fan
- 6.6" / 162 mm diameter
- Improved sound quality
- "True" tangential discharge bracket
- High-Efficiency "Galaxy" lamination
- Double ball bearings; 10mm output

**DESIGN APPLICATION**

- Commercial and Residential Central Cleaning Systems
- Car wash vac and blower systems
- Equipment operating in environments requiring separation of working air from motor ventilating air
- Designed to handle clean, dry, filtered air only



**SPECIAL FEATURES**

- 1000+ hours life
- Eternity Brush
- 659 Peak Air Watts
- Up to 43% Overall Efficiency
- High efficient cooling system
- Lamb "Green Power Label"
- UL & cUL recognized, category PRGY2 (E47185)
- Locked-rotor, blocked cooling air and running overload protection
- Thermally Protected "L"
- Class B Insulation System

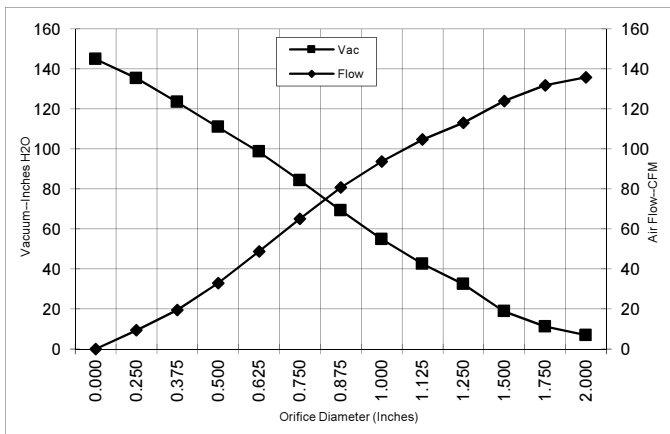
**PEAK AIRWATTS**  
**659**  
Calculated in accordance with ASTM F2105

**Preliminary Bulletin**

**TYPICAL MOTOR PERFORMANCE.\***

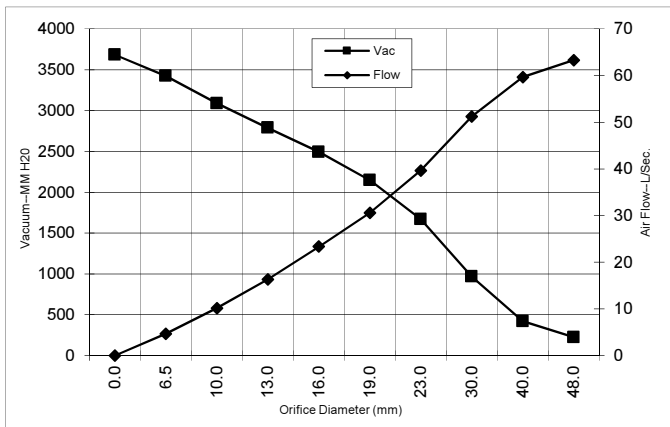
(At 120 volts, 60Hz, test data is corrected to standard conditions of 29.92 Hg, 68° F.)

**ASTM DATA**



Orifice (Inches)	Amps	Watts (In)	RPM	Vac (In.H2O)	Flow (CFM)	Air Watts
2.000	13.8	1560	22842	6.9	135.8	110
1.750	13.9	1566	22820	11.2	131.8	173
1.500	13.9	1572	22717	18.8	124.0	273
1.250	14.1	1586	22619	32.4	113.1	430
1.125	14.1	1587	22629	42.6	104.7	524
1.000	14.1	1582	22636	54.9	93.7	603
0.875	13.8	1558	22808	69.3	80.7	656
0.750	13.4	1508	23137	84.2	65.1	643
0.625	12.6	1420	23816	98.6	48.8	564
0.500	11.4	1290	24886	111.0	33.0	430
0.375	10.0	1135	26315	123.4	19.5	283
0.250	8.7	1002	27839	135.3	9.4	148
0.000	7.8	905	29308	144.9	0.0	0

**METRIC DATA**



Orifice (mm)	Amps	Watts (In)	RPM	Vac (mm H2O)	Flow (L/Sec)	Air Watts
48.0	13.9	1563	22832	223	63.3	138
40.0	13.9	1570	22748	420	59.6	243
30.0	14.1	1587	22625	965	51.2	482
23.0	13.9	1564	22765	1669	39.6	643
19.0	13.4	1506	23151	2146	30.6	641
16.0	12.6	1423	23789	2490	23.3	567
13.0	11.5	1303	24779	2787	16.3	443
10.0	10.2	1158	26101	3087	10.2	305
6.5	8.8	1009	27763	3422	4.7	155
0.0	7.8	905	29308	3680	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>	<b>120-Volts</b>	<b>Minimum Sealed Vacuum:</b>	<b>140.0</b>	<b>ORIFICE:</b>	<b>7/8"</b>	<b>Min. Vacuum:</b>	<b>64.0</b>	<b>Maximum Watts:</b>	<b>1650</b>
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