

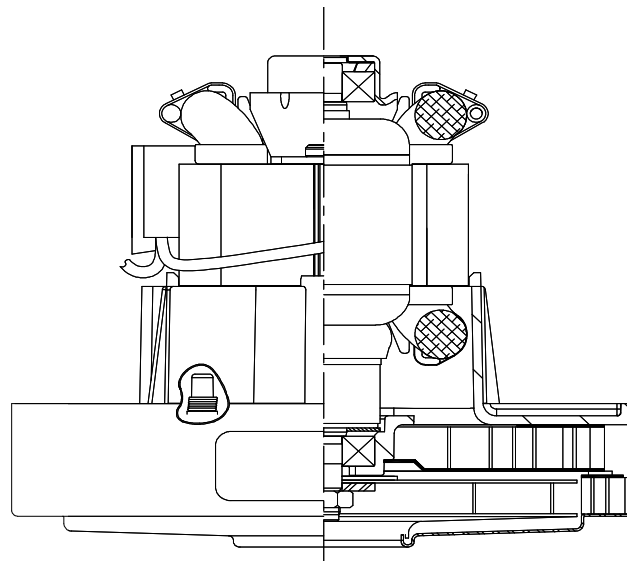
**Model: 122188-00 - 7610177**

### DESCRIPTION

- One stage
- 240 volts
- 5.3"/135mm diameter
- Ball/Ball bearing system
- Single speed
- Thru-flow discharge
- Thermoset fan end bracket
- Steel End-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

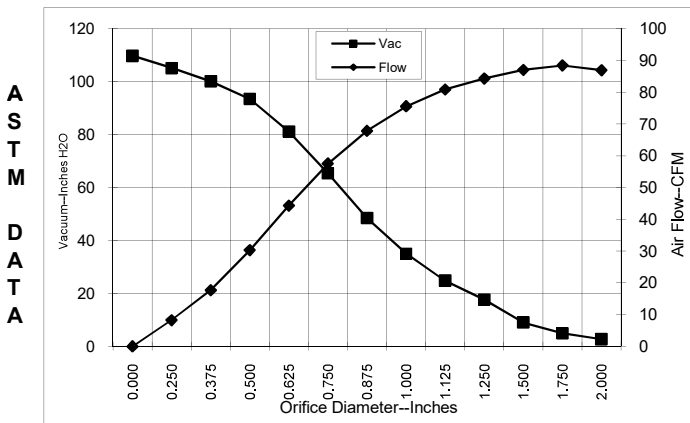


### SPECIAL FEATURES

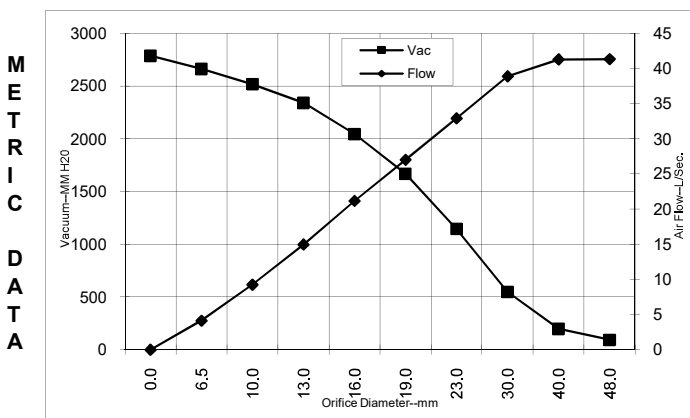
- Suitable for 240 volt AC operation 50/60 Hz
- UL recognized, category PRGY2 (E47185)
- Provision for grounding per UL 1563
- Skeleton-frame construction
- **Patented Advantek diffusion**
- **High efficiency fan system**

### TYPICAL MOTOR PERFORMANCE.\*

(At 240 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	5.5	1291	28870	2.7	86.9	28
1.750	5.5	1288	28870	4.9	88.4	51
1.500	5.5	1280	28970	9.0	87.0	92
1.250	5.4	1265	29170	17.6	84.3	174
1.125	5.3	1249	29470	24.8	80.8	235
1.000	5.2	1223	29770	35.0	75.5	311
0.875	5.1	1182	30160	48.5	67.8	386
0.750	4.8	1126	30960	65.3	57.5	441
0.625	4.5	1046	32050	81.1	44.3	422
0.500	4.1	961	33440	93.4	30.3	332
0.375	3.8	893	34930	100.1	17.7	208
0.250	3.5	832	36220	105.1	8.3	102
0.000	3.2	763	38220	109.7	0.0	0



Orifice (mm)	Amps	Watts (In)	RPM	Vac (mm H <sub>2</sub> O)	Flow (L/Sec)	Air Watts
48.0	5.5	1290	28870	93	41.3	38
40.0	5.5	1282	28940	197	41.3	80
30.0	5.4	1256	29335	548	38.9	208
23.0	5.1	1192	30063	1146	32.9	367
19.0	4.8	1124	30982	1667	27.0	441
16.0	4.5	1049	32006	2044	21.2	423
13.0	4.1	970	33301	2341	15.0	341
10.0	3.8	903	34707	2517	9.2	227
6.5	3.5	835	36156	2663	4.1	107
0.0	3.2	763	38220	2786	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:	120 volts	Minimum Sealed Vacuum:	TBD	ORIFICE:	7/8"	Minimum Vacuum:	TBD	Maximum Watts:	TBD
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