



AMETEK®

Dynamic Fluid Solutions



Product Bulletin

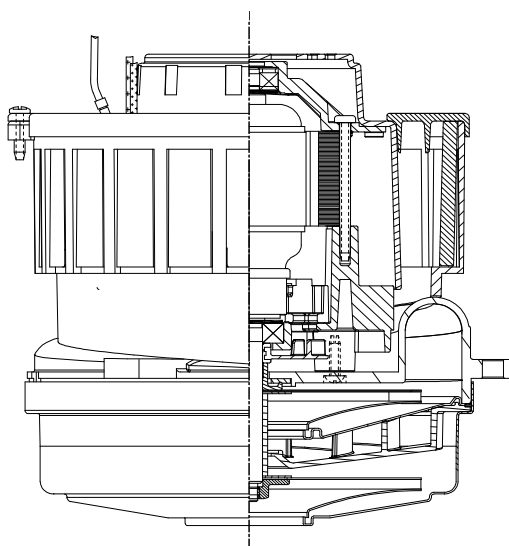
Model: **122687-07**

DESCRIPTION

- 240 volts AC
- Two-stage tapered fan
- 6.6" / 162 mm diameter
- Improved sound quality
- "True" tangential discharge bracket
- Cast Al Motor Brackets
- High-Efficiency "Galaxy" lamination

DESIGN APPLICATION

- Commercial and Residential Central Cleaning Systems
- Equipment requires separation of working air from motor ventilating air
- Designed to handle clean, dry, filtered air only



SPECIAL FEATURES

- 1500+ Hours life (Eternity Brush)
- High Efficiency Motor/Fan
- Improved Cooling System
- Enhanced II Bearing Protection
- CAN & US UL recognition marked cRUus
- Categories PRGY2/PRGY8
- File #s E47185 & E56617 (Class B)
- Noise & Carbon Dust Filter Housing Included
- 07 version with terminals on leads

PEAK AIRWATTS

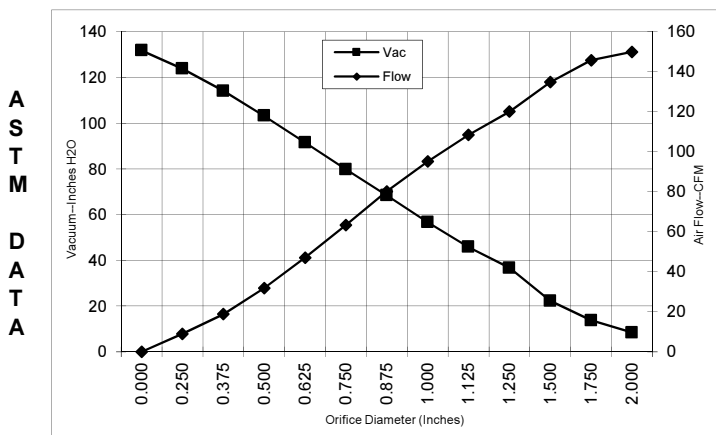
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Calculated in accordance with ASTM F2105

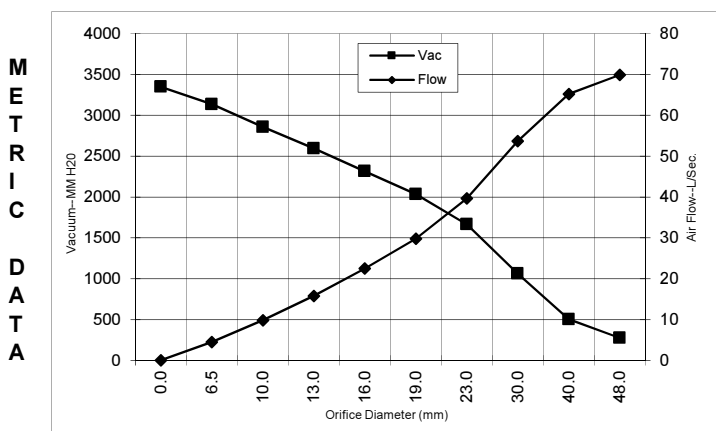
Preliminary Bulletin

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.H2O)	Flow (CFM)	Air Watts
2.000	8.3	1843	19479	8.4	149.9	148
1.750	8.3	1837	19479	13.8	145.7	235
1.500	8.3	1825	19479	22.3	134.8	352
1.250	8.2	1805	19597	36.6	120.1	516
1.125	8.1	1778	19733	45.9	108.5	584
1.000	7.9	1737	20045	56.7	95.1	632
0.875	7.6	1676	20494	68.5	80.2	644
0.750	7.2	1592	21178	79.8	63.4	594
0.625	6.6	1472	22173	91.5	47.0	505
0.500	5.9	1322	23442	103.2	31.9	386
0.375	5.3	1188	24828	114.1	18.8	252
0.250	4.7	1063	26057	123.8	9.0	131
0.000	4.3	982	27267	131.8	0.0	0



Orifice (mm)	Amps	Watts (In)	RPM	Vac (mm H2O)	Flow (L/Sec)	Air Watts
48.0	8.3	1841	19479	274	69.9	186
40.0	8.3	1829	19479	501	65.2	317
30.0	8.1	1790	19672	1059	53.7	553
23.0	7.6	1691	20382	1664	39.6	641
19.0	7.1	1589	21197	2032	29.8	592
16.0	6.6	1477	22133	2313	22.5	509
13.0	6.0	1337	23315	2592	15.8	398
10.0	5.4	1208	24620	2856	9.8	272
6.5	4.7	1069	25996	3133	4.5	137
0.0	4.3	982	27267	3347	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:	240 Volts	Minimum Sealed Vacuum: 125"	ORIFICE: 7/8"	Min. Vacuum: 64"	Maximum Watts: 1700
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1. LEADS: 18GA. STRANDED, POUND LEADS BLACK AND WHITE. GROUNDING LEAD GREEN OR GREEN WITH YELLOW STRIPE.
2. CORD IDENTIFICATION: MANUFACTURER'S NAME, MODEL NUMBER, VOLTAGE, FREQUENCY, INSPECTORS CODE WITH "FF" SUFFIX, DATE OF MANUFACTURE, AGENCY RECOGNITION CODE, PLANT LOCATION CODE, PATENT PENDING* AND COUNTRY OF ORIGIN.
3. ALLOW [0.0026 SO M]/4.0 SO IN. (MIN.) FOR COOLING AIR INTAKE.
4. COOLING AIR INTAKE MUST BE SEPARATED FROM COOLING AIR EXHAUST.
5. COOLING AIR EXHAUST MUST BE SEPARATED FROM VACUUM EXHAUST.



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