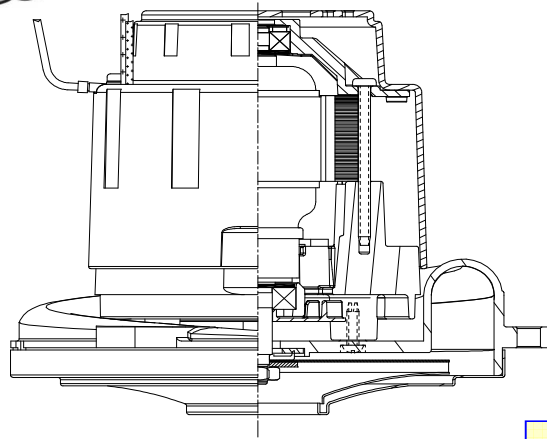




Floorcare & Specialty Motors

Model: 122408-07



SPECIAL FEATURES

- 1000+ hours life (curved brush)
- 557 Peak Air Watts
- Up to 42% Overall Efficiency
- High efficient cooling system
- Non-Loading Fan
- Lamb "Green Power Label"
- UL & cUL recognized, category PRGY2 (E47185)
- **122408-08 with terminals on motor leads**

DESCRIPTION

- 240 volts AC
- Single 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

PEAK AIRWATTS

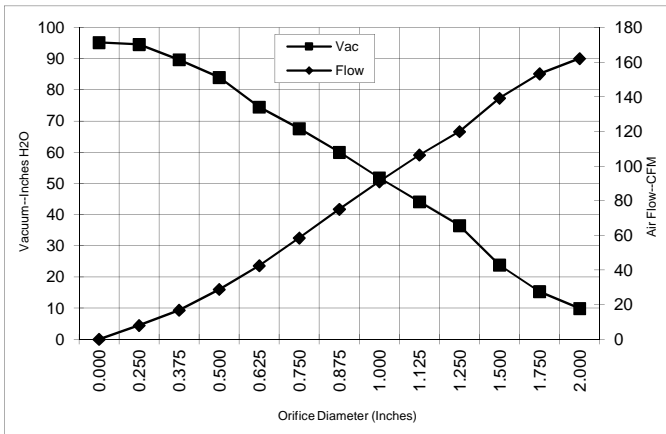
557

Calculated in accordance with ASTM F2105

TYPICAL MOTOR PERFORMANCE.*

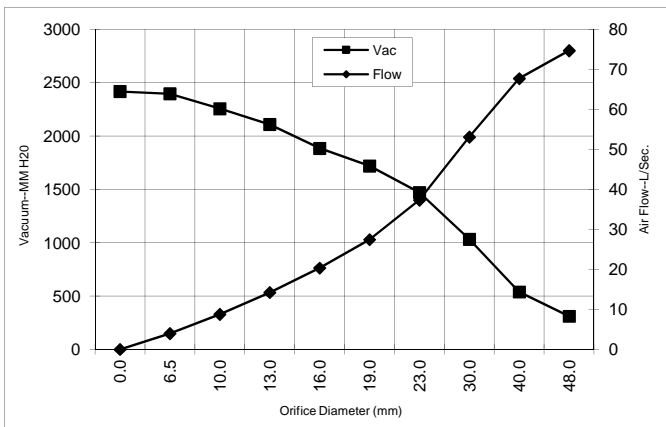
(At 240 volts, 60Hz, test data is corrected to standard conditions of 29.92 Hg, 68° F.)

ASTM DATA



Orifice (Inches)	Amps	Watts (In)	RPM	Vac (In.H ₂ O)	Flow (CFM)	Air Watts
2.000	6.4	1457	23851	9.9	162.1	188
1.750	6.4	1443	23832	15.3	153.3	275
1.500	6.3	1429	23872	23.8	139.2	388
1.250	6.2	1401	24184	36.5	119.9	514
1.125	6.0	1359	24399	44.1	106.4	551
1.000	5.8	1327	24781	51.8	91.0	553
0.875	5.6	1265	25351	60.0	75.1	529
0.750	5.3	1200	26068	67.6	58.5	464
0.625	4.8	1105	27036	74.5	42.5	372
0.500	4.4	1003	28349	84.0	28.8	284
0.375	4.0	916	29496	89.7	16.8	177
0.250	3.7	850	30469	94.6	8.0	88
0.000	3.4	792	31737	95.2	0.0	0

METRIC DATA



Orifice (mm)	Amps	Watts (In)	RPM	Vac (mm H ₂ O)	Flow (L/Sec)	Air Watts
48.0	6.4	1451	23843	311	74.7	226
40.0	6.3	1433	23860	540	67.7	354
30.0	6.1	1378	24302	1033	53.1	534
23.0	5.6	1281	25209	1472	37.3	535
19.0	5.3	1198	26087	1721	27.5	462
16.0	4.8	1109	26997	1885	20.4	376
13.0	4.4	1013	28218	2109	14.2	293
10.0	4.0	929	29324	2257	8.8	193
6.5	3.7	853	30420	2397	4.0	92
0.0	3.4	792	31737	2418	0.0	0

Note: Metric Performance data is calculated from the ASTM data above.

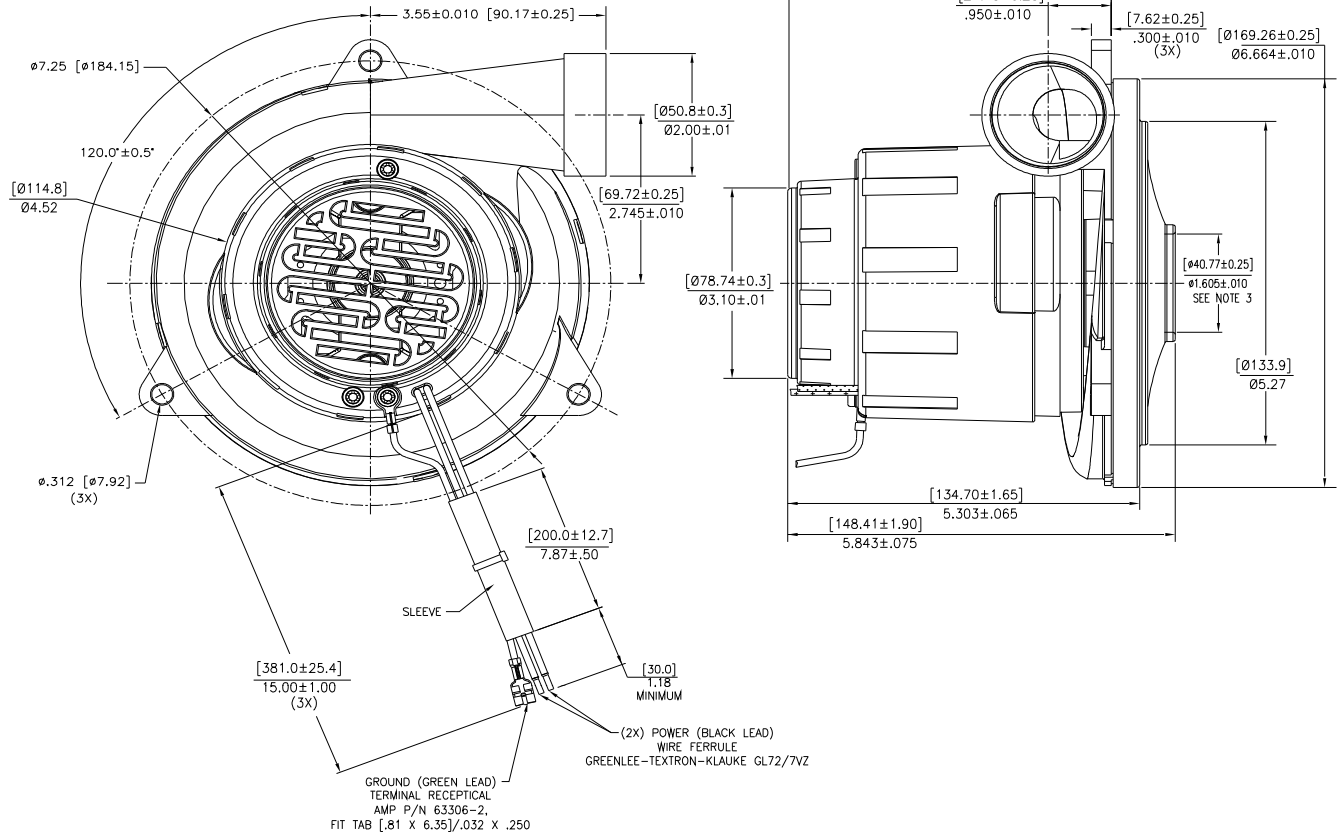
* Data represents performance of a typical motor sampled from a large production quantity. Individual motor data may vary due to normal manufacturing variations.

Test Specs:	240	Minimum Sealed Vacuum:	90.0	ORIFICE:	7/8"	Minimum Vacuum:	57.0	Maximum Watts:	1320
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DIMENSIONS

NOTES:

1. LEADS: 18GA. STRANDED, POWER LEADS BLACK, GROUNDING LEAD GREEN OR GREEN WITH YELLOW STRIPE.
2. MOTOR 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. MOUNTING MUST NOT RESTRICT THIS DIAMETER.
4. ALLOW [0.0026 SQ M]/4.0 SQ IN. (MIN.) FOR COOLING AIR INTAKE.
5. COOLING AIR INTAKE MUST BE SEPARATED FROM COOLING AIR EXHAUST.
6. COOLING AIR EXHAUST MUST BE SEPARATED FROM VACUUM EXHAUST.



IMPORTANT NOTE: Pictorial and dimensional data are subject to change without notice. Contact factory for current revision levels.

WARNING - When using AMETEK Floorcare & Specialty Motors (F&SM) bypass motors in machines that come in contact with foam, liquid (including water), or other foreign substances, the machine must be designed and constructed to prevent those substances from reaching the fan system, motor housing, and electrical components. F&SM vacuum motors other than hazardous duty models should not be applied in machines that come in contact with dry chemicals or other volatile materials. Failure to observe these precautions could cause flashing (depending on volatility) or electrical shock which could result in property damage and severe bodily injury, including death in extreme cases. All applications incorporating F&SM motors should be submitted to appropriate organizations or agencies for testing specifically related to the safety of your equipment.

AMETEK/Floorcare & Specialty Motors
www.ametekfsm.com

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