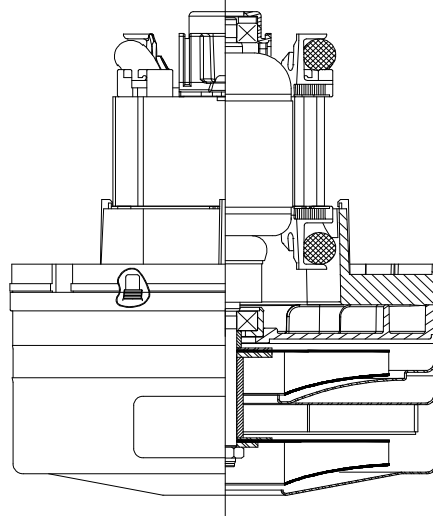
**AMETEK****Floorcare & Specialty Motors****Advantek III - Ultra II****Product Bulletin****Model: 122286-41****DESCRIPTION**

- Two stage
- 230 volts rating (240VAC performance below)
- 5.7"/145 mm diameter
- Double ball bearings
- Single speed
- Thru-flow discharge
- Thermoset fan end bracket
- Stamped steel end bracket

DESIGN APPLICATION

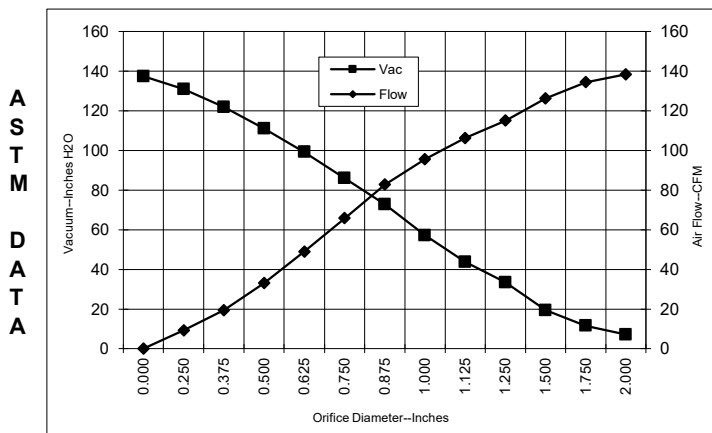
- Equipment operating in environments not requiring separation of working air from motor ventilating air
- Designed to handle clean, dry, filtered air only

**SPECIAL FEATURES**

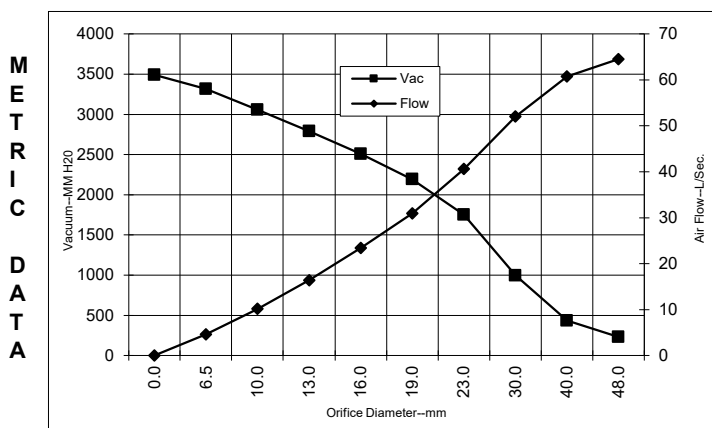
- **650 Peak Air Watts @ 230VAC**
- Patented Advantek II diffusion
- 3" Commercial Lamination
- Dual Tapered fan system
- Provision for grounding
- Top end mounting boss
- Thermal Device
- UL recognized, category PRGY2 (E47185)
- Suitable for 230 volt AC operation, 50 or 60 Hz
- The Lamb vacuum motor line offers a wide range of performance levels to meet design needs

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	7.5	1736	25250	7.1	138.3	116
1.750	7.4	1731	25395	11.6	134.5	183
1.500	7.4	1726	25447	19.5	126.3	288
1.250	7.3	1707	25640	33.5	115.0	452
1.125	7.3	1691	25686	43.8	106.3	547
1.000	7.2	1680	25808	57.2	95.6	642
0.875	6.9	1624	27113	72.9	82.7	708
0.750	6.6	1553	26678	86.0	65.8	664
0.625	6.1	1434	27563	99.2	48.9	570
0.500	5.5	1301	28552	111.1	33.1	431
0.375	4.9	1160	30181	122.0	19.4	278
0.250	4.2	1006	31561	131.0	9.2	142
0.000	3.8	920	33052	137.4	0.0	0



Orifice (mm)	Amps	Watts (In)	RPM	Vac (mm H2O)	Flow (L/Sec)	Air Watts
48.0	7.4	1734	25314	231	64.5	145
40.0	7.4	1728	25431	434	60.8	257
30.0	7.3	1685	25665	995	52.0	504
23.0	7.0	1571	26787	1751	40.6	691
19.0	6.6	1432	26696	2191	30.9	662
16.0	6.1	1307	27528	2507	23.4	574
13.0	5.6	1174	28453	2791	16.4	445
10.0	5.0	1029	29937	3056	10.1	301
6.5	4.2	924	31492	3316	4.6	149
0.0	3.8	844	33052	3490	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.

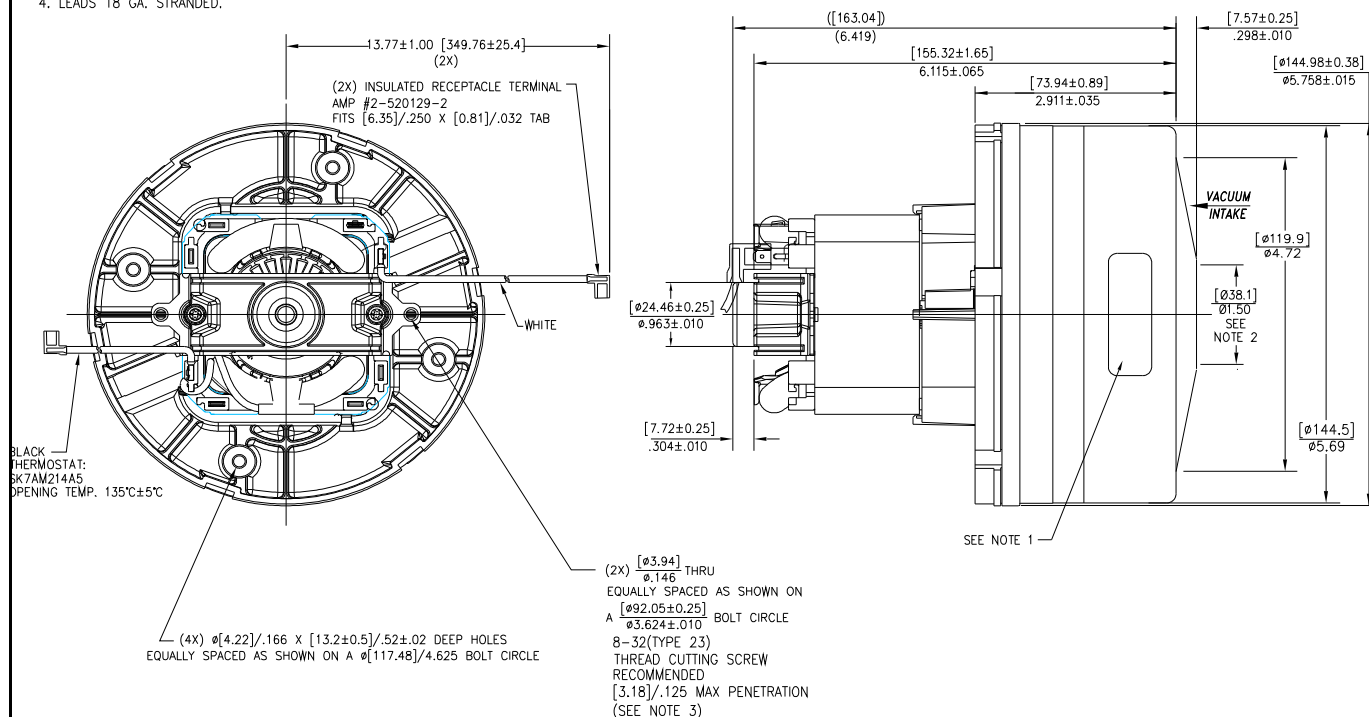
Test Specs:	230	Minimum Sealed Vacuum:	123.0	ORIFICE:	7/8 "	Minimum Vacuum:	58.0	Maximum Watts:	1475
-------------	-----	------------------------	-------	----------	-------	-----------------	------	----------------	------



DIMENSIONS

NOTES:

1. MODEL NUMBER, DATE OF MANUFACTURE, PLANT LOCATION CODE, AGENCY RECOGNITION CODE, INSPECTOR'S CODE, MANUFACTURER'S NAME, "US PATENT: US 6,703,754 B1", VOLTAGE AND FREQUENCY, "08B ARM, 02F FLD" TO APPEAR ON MOTOR.
2. MOUNTING MUST NOT RESTRICT THIS DIAMETER.
3. GROUNDING OR EARTHING PROVISIONS: USE HOLES AS INDICATED FOR GROUNDING OR EARTHING. REFER TO APPROPRIATE LISTING OR REGULATORY AGENCY FOR PROPER METHOD OF GROUNDING OR EARTHING.
4. LEADS 18 GA. STRANDED.



Advantek III - Ultra II

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