



AMETEK

Floorcare & Specialty Motors

Product Bulletin

Model: 122286-00/99

Advantek III - Ultra II

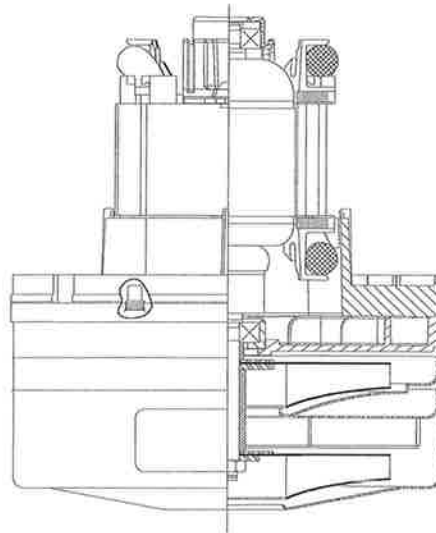
AIR WATT
SERIES

DESCRIPTION

- Two stage
- 240 volts
- 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

- **700 Peak Air Watts**
- 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 230/240 volt AC operation, 50 or 60 Hz
- The Lamb vacuum motor line offers a wide range of performance levels to meet design needs

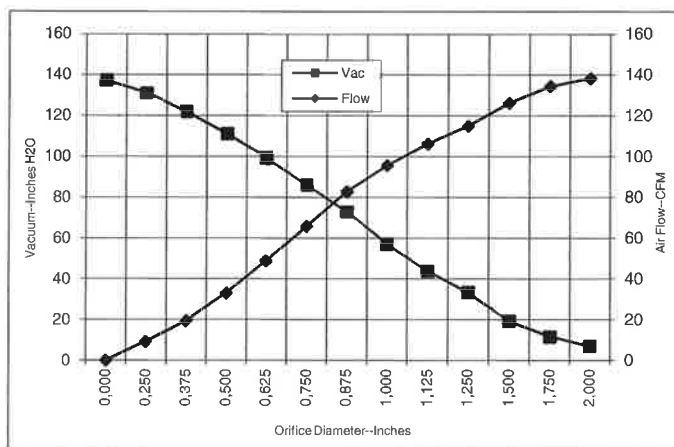
PEAK AIRWATTS
700

Calculated in accordance with ASTM F2105

TYPICAL MOTOR PERFORMANCE.*

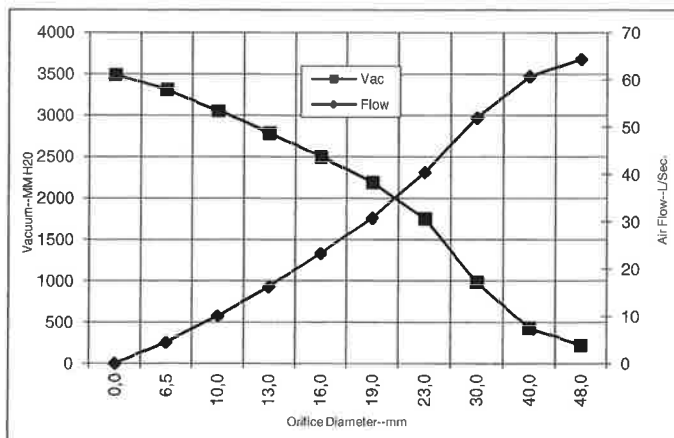
(At 230 volts, 60Hz, test data is corrected to standard conditions of 29.92 Hg, 68° F.)

ASTM
DATA



Orifice (Inches)	Amps	Watts (In)	RPM	Vac (In.H2O)	Flow (CFM)	Air Watts
2,000	7,5	1736	12383	7,1	138,3	116
1,750	7,4	1731	12413	11,6	134,5	183
1,500	7,4	1726	12455	19,5	126,3	288
1,250	7,3	1707	12454	33,5	115,0	452
1,125	7,3	1691	12506	43,8	106,3	547
1,000	7,2	1680	12579	57,2	95,6	642
0,875	6,9	1624	12727	72,9	82,7	708
0,750	6,6	1553	12951	86,0	65,8	664
0,625	6,1	1434	13435	99,2	48,9	570
0,500	5,5	1301	14155	111,1	33,1	431
0,375	4,9	1160	14909	122,0	19,4	278
0,250	4,2	1006	17688	131,0	9,2	142
0,000	3,8	920	21519	137,4	0,0	0

Metric
DATA



Orifice (mm)	Amps	Watts (In)	RPM	Vac (mm H2O)	Flow (L/Sec)	Air Watts
48,0	7,4	1734	12397	231	64,5	145
40,0	7,4	1728	12443	434	60,8	257
30,0	7,3	1685	12483	995	52,0	504
23,0	7,0	1571	12690	1751	40,6	691
19,0	6,6	1432	12961	2191	30,9	662
16,0	6,1	1307	13415	2507	23,4	574
13,0	5,6	1174	14083	2791	16,4	445
10,0	5,0	1029	14796	3056	10,1	301
6,5	4,2	924	17549	3316	4,6	149
0,0	3,8	920	21519	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
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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" AND CUSTOMER'S PART NO. 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.



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

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