



Lamb Electric

Model: 122476-07

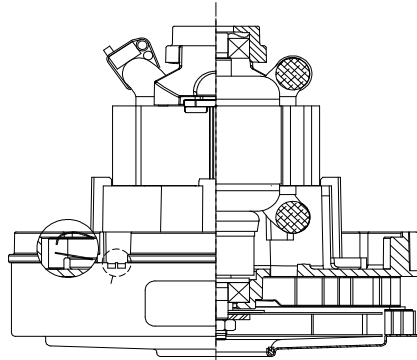


DESCRIPTION

- One stage
- 120 volts
- 5.3"/135mm diameter
- Ball/Ball bearing system
- Single speed
- Thru-flow discharge
- Thermoset fan end bracket
- Die Cast 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

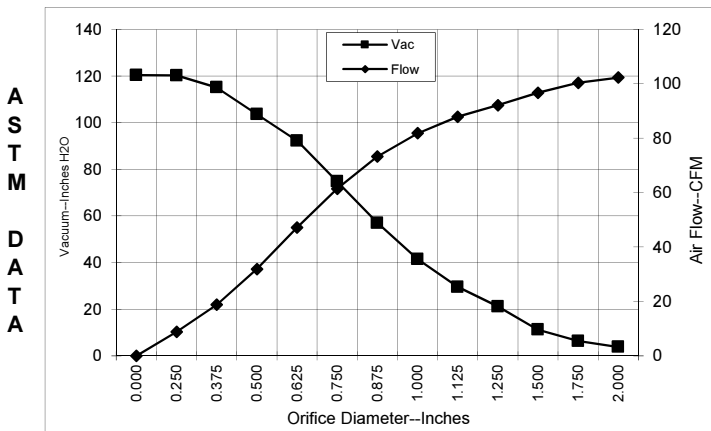
- Suitable for 120 volt AC operation 50/60 Hz
- UL/cRU recognized, category PRGY2 (E47185)
- Provision for grounding per UL 1563
- Skeleton-frame construction
- Patented Advantek diffusion
- High efficiency fan system
- "Eternity Brush" mech

**PEAK AIRWATTS
542**

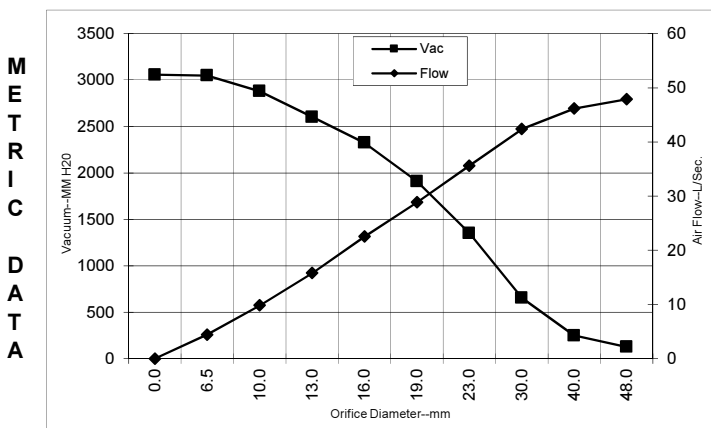
Calculated in accordance with ASTM F2105

TYPICAL MOTOR PERFORMANCE.*

(At 120 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 | 12.7 | 1461 | 30383 | 3.8 | 102.3 | 46 |
| 1.750 | 12.8 | 1466 | 30463 | 6.3 | 100.4 | 75 |
| 1.500 | 12.8 | 1471 | 30611 | 11.2 | 96.7 | 127 |
| 1.250 | 12.7 | 1456 | 30869 | 21.2 | 92.1 | 229 |
| 1.125 | 12.5 | 1445 | 31127 | 29.6 | 87.9 | 305 |
| 1.000 | 12.3 | 1413 | 31508 | 41.5 | 81.8 | 398 |
| 0.875 | 11.9 | 1372 | 32093 | 57.0 | 73.3 | 490 |
| 0.750 | 11.3 | 1310 | 33016 | 74.8 | 61.4 | 539 |
| 0.625 | 10.4 | 1209 | 34346 | 92.2 | 47.2 | 510 |
| 0.500 | 9.5 | 1102 | 35902 | 103.6 | 31.9 | 388 |
| 0.375 | 8.6 | 999 | 37558 | 115.0 | 18.9 | 255 |
| 0.250 | 7.9 | 924 | 39073 | 120.2 | 8.9 | 125 |
| 0.000 | 7.3 | 857 | 40852 | 120.3 | 0.0 | 0 |



| Orifice (mm) | Amps | Watts (In) | RPM | Vac (mm H2O) | Flow (L/Sec) | Air Watts |
|--------------|------|------------|-------|--------------|--------------|-----------|
| 48.0 | 12.8 | 1463 | 30418 | 125 | 47.9 | 59 |
| 40.0 | 12.8 | 1470 | 30567 | 248 | 46.2 | 112 |
| 30.0 | 12.6 | 1450 | 31011 | 655 | 42.4 | 271 |
| 23.0 | 12.0 | 1382 | 31947 | 1349 | 35.6 | 467 |
| 19.0 | 11.3 | 1308 | 33043 | 1908 | 28.9 | 538 |
| 16.0 | 10.5 | 1213 | 34292 | 2324 | 22.5 | 512 |
| 13.0 | 9.6 | 1113 | 35746 | 2602 | 15.8 | 400 |
| 10.0 | 8.7 | 1014 | 37310 | 2878 | 9.8 | 275 |
| 6.5 | 7.9 | 927 | 38998 | 3047 | 4.4 | 132 |
| 0.0 | 7.3 | 857 | 40852 | 3056 | 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: 115" | ORIFICE: 3/4" | Minimum Vacuum: 50" | Maximum Watts: 1350 |
|------------------------------|------------------------------------|----------------------|----------------------------|----------------------------|

