



Floorcare & Specialty Motors

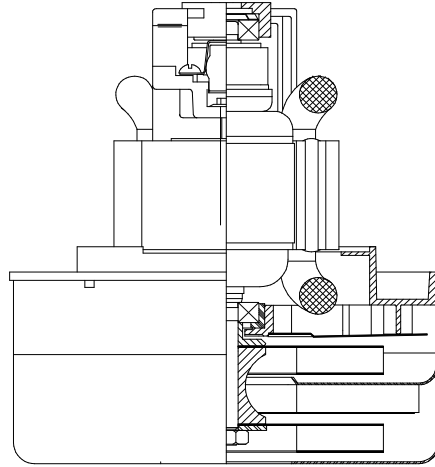
Model: 116278-00

DESCRIPTION

- Two stage
- 240 volts
- 5.7"/145 mm diameter
- Double ball bearings
- Single speed
- Thru-flow discharge
- Aluminum fan end bracket
- Aluminum commutator bracket

DESIGN APPLICATION

- Equipment operating in environments requiring separation of working air from motor ventilating air.
- Designed to handle clean, dry, filtered air only.

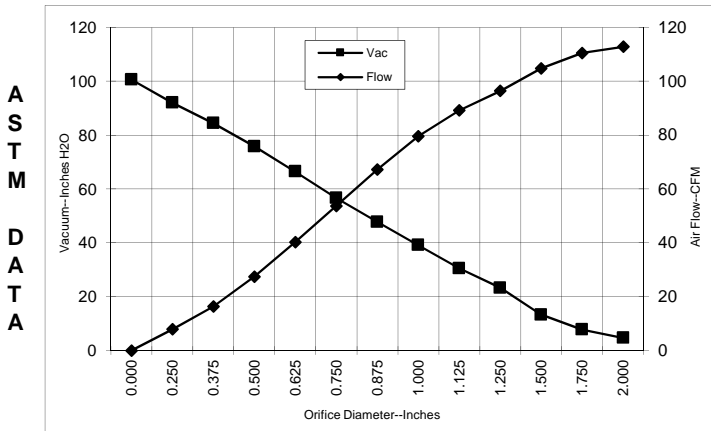


SPECIAL FEATURES

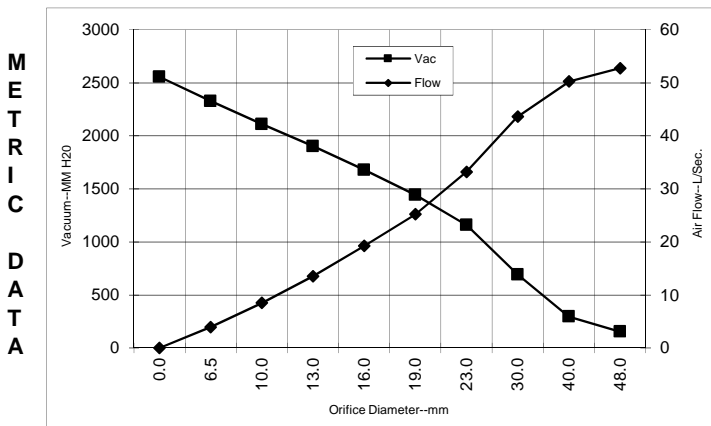
- Suitable for 240 volt AC operation, 50/60 Hz
- UL recognized, category PRGY2 (E47185)
- Provision for grounding
- Skeleton-frame construction
- High air flow fan system
- The Lamb Electric vacuum motor line offers a wide range of performance levels to meet design needs

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	5.0	1137	19192	4.7	112.8	62
1.750	5.0	1137	19170	7.7	110.5	100
1.500	5.0	1142	19131	13.2	104.8	163
1.250	5.0	1141	19127	23.2	96.4	263
1.125	5.0	1136	19149	30.5	89.2	319
1.000	4.9	1123	19326	39.1	79.6	365
0.875	4.7	1087	19659	47.8	67.2	377
0.750	4.5	1037	20210	56.6	53.6	356
0.625	4.2	971	21041	66.4	40.2	314
0.500	3.9	900	21954	75.8	27.4	244
0.375	3.5	822	23121	84.4	16.3	162
0.250	3.2	760	24310	92.0	7.9	85
0.000	3.0	709	25543	100.6	0.0	0



Orifice (mm)	Amps	Watts (In)	RPM	Vac (mm H2O)	Flow (L/Sec)	Air Watts
48.0	5.0	1137	19182	153	52.8	79
40.0	5.0	1140	19142	295	50.3	144
30.0	5.0	1138	19139	692	43.6	294
23.0	4.8	1096	19576	1158	33.2	374
19.0	4.5	1036	20227	1443	25.2	356
16.0	4.2	974	21008	1678	19.2	315
13.0	3.9	907	21863	1901	13.5	251
10.0	3.6	834	22946	2110	8.5	174
6.5	3.3	763	24251	2327	3.9	89
0.0	3.0	709	25543	2555	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 volt	Minimum Sealed Vacuum: 89"	ORIFICE:	13 mm	Minimum Vacuum: 68"	Maximum Watts:	1000
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