

AIR MOVING MOTOR: 7.2 in. / 182.9 mm. 120 V 2-Stage

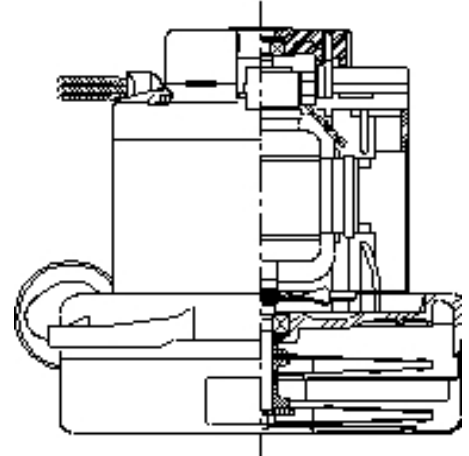
MODEL:117465-00

SPECIFICATIONS

Motor Type:	Series Universal
Input Voltage:	120 VAC, 50/60 Hz
Frequency:	50/60 Hz
Fan Diameter:	7.2 in./182.9 mm
No. Fan Stages:	2
Fan System Style:	Bypass
Air Discharge:	Tangential
Operating Temp:	32-104°F/0-40°C
Bearing System:	Ball/Ball
Frame:	Skeleton
Brush Type:	Carbon
Inlet Tube Dia.:	None
RFI Choke:	None
Speed:	1

ADDITIONAL FEATURES

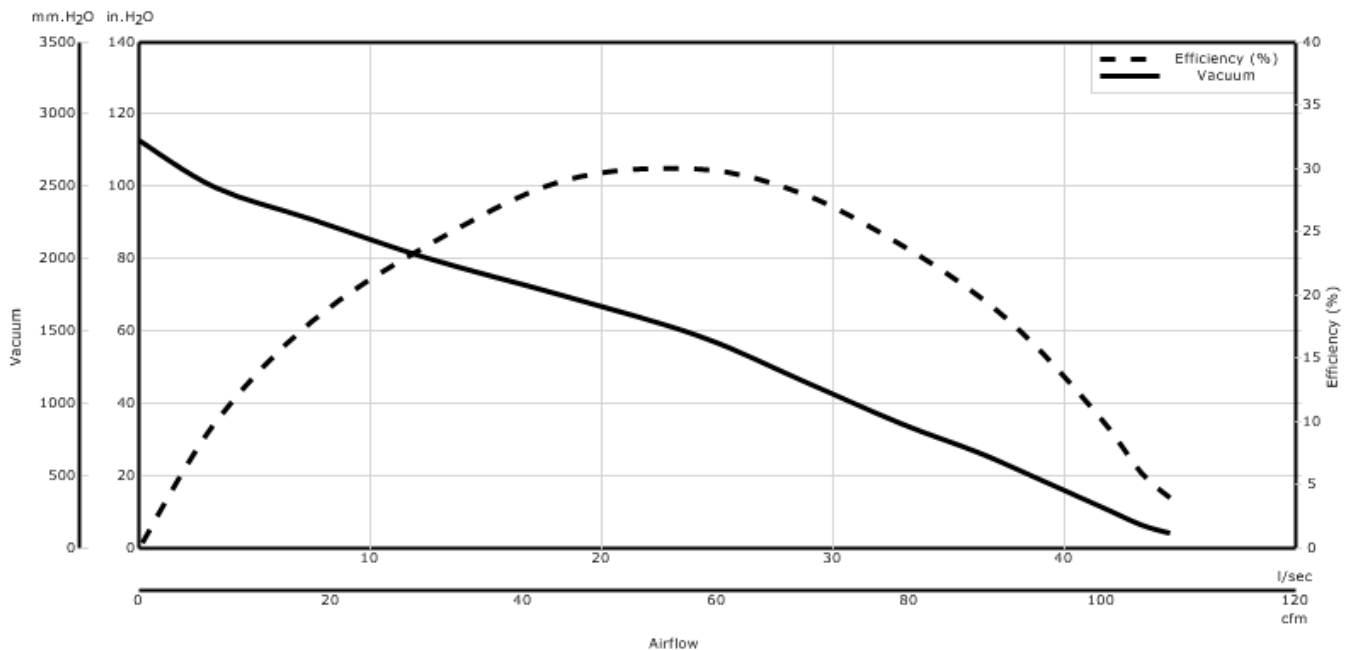
Regulatory:	UL Recognized, CSA certif
Comm Bracket:	Plastic
Fan Bracket:	Plastic
Therm Protect:	None
Insulation Class:	Class A
Added Bearing Prot.:	
Fan Shell Coat:	None
Electrical Conn.:	Lead Wires
Duty Cycle:	Intermittent
Special Feature:	



Design Application

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

PERFORMANCE



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

Data shown is measured at regulated nominal voltage and normalized to standard atmospheric pressure and temperature.

ENGLISH

Orifice (inches)	Amps	Watts (In)	RPM	Vac (In. H2O)	Flow (CFM)	Air Watts
2.000	11.70	1347	18725	4.0	107.0	50
1.750	11.70	1347	18725	6.5	104.0	80
1.500	11.80	1351	18700	11.0	100.0	129
1.250	11.70	1351	18675	19.7	93.0	214
1.125	11.70	1348	18700	26.7	87.0	273
1.000	11.70	1341	18788	34.7	79.0	320
0.875	11.50	1331	18900	46.1	69.0	375
0.750	11.30	1310	19150	58.6	58.0	396
0.625	10.70	1239	19725	70.0	44.0	359
0.500	9.90	1162	20513	80.3	30.0	282
0.375	9.20	1063	21525	91.1	18.0	192
0.250	8.10	971	23000	100.1	8.0	98
0.000	7.40	873	23613	112.8	0.0	0

METRIC

Orifice (mm)	Amps	Watts (In)	RPM	Vac (mm H2O)	Flow (l/Sec)	Air Watts
48.000	11.70	1347	18725	130.0	49.9	63
40.000	11.80	1350	18708	245.0	47.8	114
30.000	11.70	1349	18689	598.0	42.3	246
23.000	11.60	1334	18872	1,099.0	33.7	361
19.000	11.30	1309	19162	1,494.0	27.2	395
16.000	10.70	1242	19702	1,766.0	21.0	360
13.000	10.00	1170	20434	2,013.0	14.8	290
10.000	9.30	1078	21373	2,273.0	9.3	206
6.500	8.20	976	22926	2,531.0	4.0	103
0.000	7.40	873	23613	2,865.0	0.0	0

* Metric data is calculated based on ASTM standards
 Box tests are performed to ASTM F558

WARNING: When using AMETEK vacuum 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. Ametek 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 Ametek motors should be submitted to appropriate organizations or agencies for testing specifically related to the safety of your equipment.