AIR MOVING MOTOR: 7.2 in. / 182.9 mm. 220 V 2-Stage

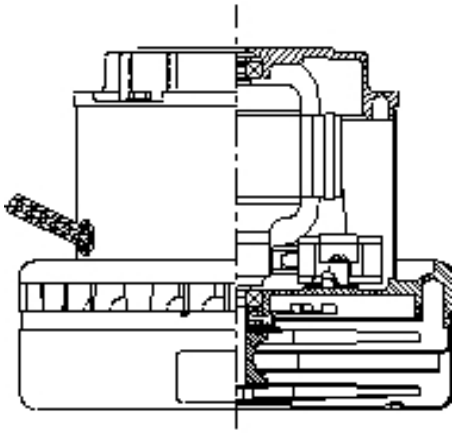
MODEL:115519

SPECIFICATIONS

Motor Type:	Series Universal
Input Voltage:	220 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:	Peripheral
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

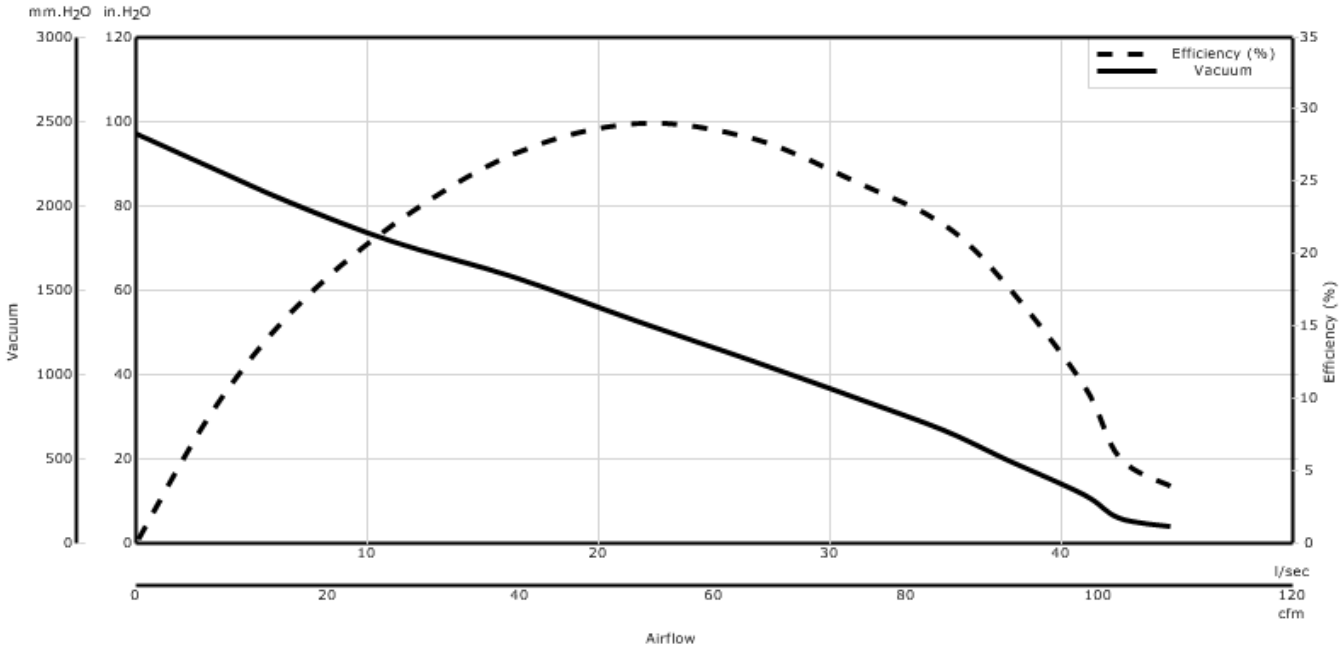
Regulatory:	UL Recognized, CSA certif
Comm Bracket:	Aluminum
Fan Bracket:	Aluminum
Therm Protect:	None
Insulation Class:	Class A
Added Bearing Prot.:	
Fan Shell Coat:	None
Electrical Conn.:	Lead Wires
Duty Cycle:	Intermittent
Special Feature:	



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	5.70	1202	15708	4.2	107.3	53
1.750	5.70	1192	15708	5.9	102.0	67
1.500	5.70	1202	15708	11.6	98.3	134
1.250	5.70	1192	15626	20.2	90.1	214
1.125	5.70	1192	15677	26.7	83.8	263
1.000	5.70	1192	15811	34.4	74.8	303
0.875	5.50	1171	15914	43.1	64.0	324
0.750	5.30	1126	16275	52.7	51.8	321
0.625	5.10	1082	16841	63.0	39.2	290
0.500	4.80	1015	17614	71.7	26.7	225
0.375	4.40	948	18386	80.7	16.0	152
0.250	4.00	881	19313	89.1	7.8	82
0.000	3.80	814	19960	97.2	0.0	0

METRIC

Orifice (mm)	Amps	Watts (In)	RPM	Vac (mm H2O)	Flow (l/Sec)	Air Watts
48.000	5.70	1198	15708	126.0	49.5	59
40.000	5.70	1199	15708	251.0	46.9	114
30.000	5.70	1192	15654	604.0	40.9	241
23.000	5.60	1176	15888	1,039.0	31.5	319
19.000	5.30	1125	16286	1,344.0	24.3	320
16.000	5.10	1084	16818	1,590.0	18.7	291
13.000	4.80	1022	17537	1,799.0	13.2	232
10.000	4.50	958	18270	2,015.0	8.3	163
6.500	4.00	884	19267	2,252.0	3.9	86
0.000	3.80	814	19960	2,469.0	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.