

AIR MOVING MOTOR: 5.7 in. / 144.8 mm. 120 V 2-Stage

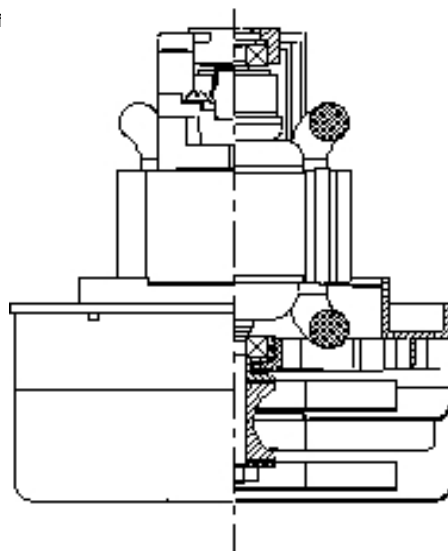
MODEL:115923

SPECIFICATIONS

Motor Type:	Series Universal
Input Voltage:	120 VAC, 50/60 Hz
Frequency:	50/60 Hz
Fan Diameter:	5.7 in./144.8 mm
No. Fan Stages:	2
Fan System Style:	Through-Flow
Air Discharge:	
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

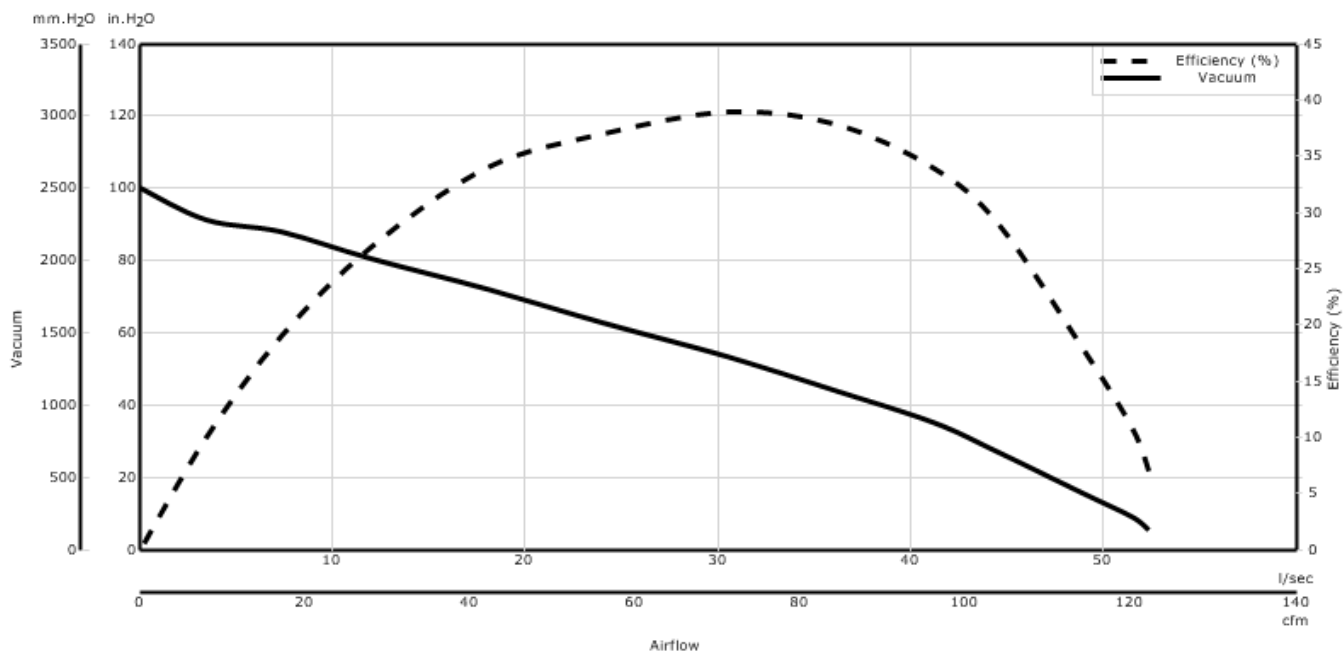
ADDITIONAL FEATURES

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

PERFORMANCE



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

ENGLISH

Orifice (inches)	Amps	Watts (In)	RPM	Vac (In. H2O)	Flow (CFM)	Air Watts
2.000	10.60	1164	22510	5.6	122.0	80
1.750	10.70	1171	22510	9.2	120.0	131
1.500	10.80	1170	22470	15.7	114.0	210
1.250	10.70	1171	22380	27.3	104.0	335
1.125	10.70	1169	22510	35.5	96.0	401
1.000	10.50	1160	22720	44.3	84.0	439
0.875	10.20	1146	23070	53.5	71.0	447
0.750	9.70	1117	23700	62.9	56.0	417
0.625	9.00	1061	24520	72.5	42.0	357
0.500	8.40	983	25460	80.7	28.0	267
0.375	7.70	908	26450	88.0	17.0	172
0.250	6.90	818	26880	91.3	8.0	84
0.000	6.60	785	28400	100.4	0.0	0

METRIC

Orifice (mm)	Amps	Watts (In)	RPM	Vac (mm H2O)	Flow (l/Sec)	Air Watts
48.000	10.60	1167	22510	182.0	57.2	102
40.000	10.80	1170	22482	349.0	54.7	186
30.000	10.70	1170	22452	808.0	47.0	371
23.000	10.30	1150	22983	1,300.0	35.0	445
19.000	9.70	1116	23716	1,603.0	26.3	416
16.000	9.00	1063	24487	1,832.0	20.1	359
13.000	8.50	991	25366	2,029.0	13.9	276
10.000	7.80	919	26302	2,207.0	8.8	186
6.500	6.90	823	26859	2,315.0	4.0	88
0.000	6.60	785	28400	2,550.0	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.