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Model Number: 116103-00

Ametek Lamb 116103-00, Three Stage Vacuum Motor, 7.2in Tangential Discharge, AV18  
8.685-446.0

Manufacturer: Ametek-Lamb

#### SPECIFICATIONS

Motor Type : Series Universal  
Input Voltage : 120 VAC  
Frequency : 50/60 Hz  
Fan Diameter : 7.2 in.  
No. Fan Stages : 3  
Fan System Style : Bypass  
Air Discharge : Tangential  
Operating Temp : 32-104&deg;F  
Bearing System : Ball/Ball  
Frame : Skeleton  
Brush Type : Carbon  
Inlet Tube Dia. : None  
RFI Choke : None  
Speed : 1

#### ADDITIONAL FEATURES

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

Compare to current or past OEM associations:

1964

AV18

Vacmotor Discharge  
Tangential

Vacmotor Size  
7.2"

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Vacmotor Stages  
3

Amps  
13.8

Vacmotor Voltage  
120V

Cross Reference Skus

116103-00  
AV18  
8.685-446.0  
86854460  
117507-13  
130404  
53021  
830884  
993-1736  
ASM130404  
ASM55475  
S611P  
VM-14

Orifice  
(In.)  
Current  
(A)  
Input Power  
(W)  
Speed  
(RPM)  
Vacuum  
(in. H2O)  
Air Flow  
(CFM)  
Air Power

>

(Watts)  
Effic  
(%)

2.000  
13.70  
1541  
17150  
003.0  
092.1  
32  
2

1.750  
13.70  
1544  
17125  
005.0  
091.6  
54  
4

1.500  
13.60  
1539  
17075  
008.9  
089.7  
94  
6

1.250  
13.80  
1544  
17075  
017.1  
086.3  
174  
11

1.125  
13.70  
1457  
17000  
023.7

>

082.2  
229  
16

1.000  
13.70  
1539  
17150  
033.1  
076.8  
299  
19

0.875  
13.60  
1465  
17150  
044.8  
068.4  
361  
25

0.750  
13.40  
1455  
17325  
059.3  
057.8  
403  
28

0.625  
12.80  
1360  
17725  
075.2  
045.2  
400  
29

0.500  
11.90  
1251  
18450  
089.7

>

031.6  
334  
27

0.375  
10.90  
1161  
19350  
103.0  
019.1  
233  
20

0.250  
10.10  
1070  
20450  
116.0  
009.0  
123  
11

0.000  
09.30  
1080  
21450  
134.0  
000.0  
0  
0

Optional:

Add Vacuum Motor Lint Screen Filtration and Gasket to any vacuum motor

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Gasket Vacuum Motors fits 5.7in Vacuum Motors 1/4" Thick PP43-807110  
Mytee G004A PX13

Ametek Lamb 33415-4, 8.680-145.0: Carbon Brush with side tab for  
vacuum motors

*Availability: This product was added to our catalog on Wednesday 25 February, 2009*