

# AMETEK

## Vacuum Airflow Performance Data

Model <b>116146-00</b>	Customer LAMB	Date 10/20/1997
Voltage 120	Inner fan	File# 4639
Freq 60	Stationary fan	Motor#
Stack	Outer fan	Commutator
Type 2	Cleaner	Armature winding
Box F-11-3	Cleaner#	Field winding

### Notes

AVERAGE MOTOR - 33326-1 MECHS.

Orifice Size	Current (Ampere)	Input Watts	Speed RPM	Vacuum In./H2O	Air Flow (CFM)	Air Watts	Effic. %	Vacuum mm/H2O	Vacuum m
2	10.13	1151.7	18646.7	5.46	121.57	78.14	6.78		
1.75	10.16	1154.3	18643.3	8.80	117.56	121.76	10.55		
1.5	10.23	1162.7	18583.3	14.79	110.51	192.25	16.54		
1.25	10.20	1161.0	18580.0	24.64	99.18	287.54	24.77		
1.125	10.11	1149.3	18646.7	31.33	90.40	333.18	28.99		
1	9.86	1121.7	18966.7	38.99	79.47	364.49	32.50		
0.875	9.46	1077.7	19356.7	47.30	66.97	372.71	34.59		
0.75	8.93	1020.0	19996.7	55.90	53.35	350.83	34.40		
0.625	8.24	945.0	20766.7	65.03	39.86	304.90	32.26		
0.5	7.50	864.0	21876.7	73.65	27.06	234.47	27.14		
0.375	6.73	780.3	23106.7	82.69	16.23	157.89	20.23		
0.25	6.06	707.0	24470.0	91.05	7.89	84.48	11.95		
Sealed Hot	5.57	652.7	25566.7	100.16					
Sealed Cold	5.60	654.7	25373.3	100.36					

Temp 68

Barometer 29.92

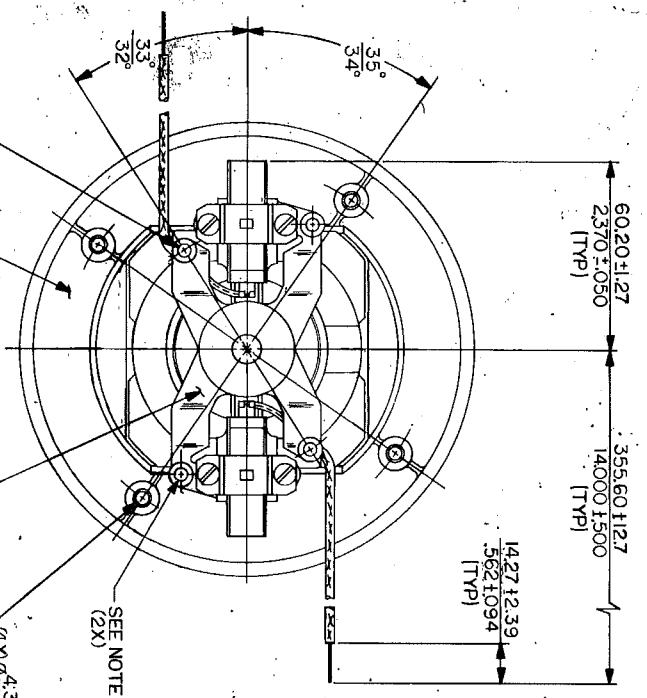
Wetbu 52

Room

Operator CARSON

Misc Average of 3

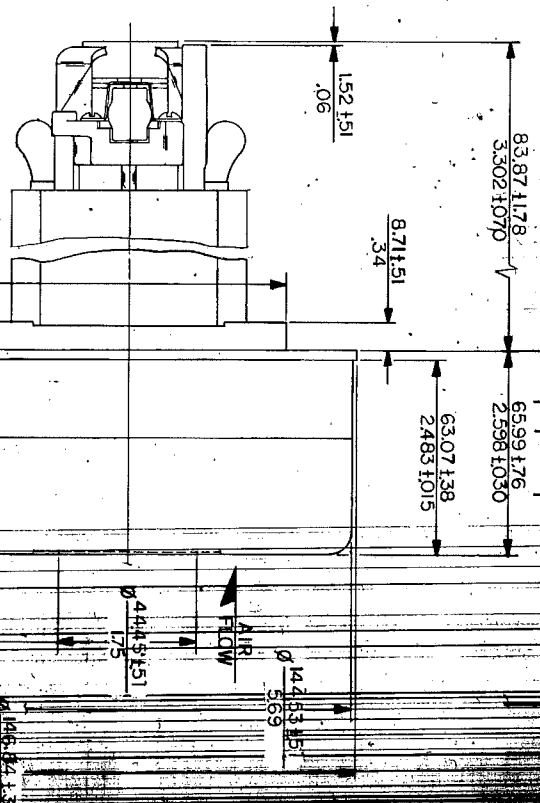
NOTES:  
 1. LEADS: 18GA. STRANDED, CAN BE ANY COLOR EXCEPT GREEN OR GREEN WITH YELLOW STRIPE.  
 2. GROUNDING OR EARTHING PROVISIONS: USE HOLES AS INDICATED FOR GROUNDING OR EARTHING.  
 REFER TO APPROPRIATE LISTING OR REGULATORY AGENCY FOR PROPER METHOD OF GROUNDING OR EARTHING.



DATE OF MANUFACTURE & INSPECTION CODE WITH F-SUFFIX  
 MODEL NO.

(4)  $\phi$  4.34 ± 0.13 X 15.75 MIN. DEPTH HOLES EQ. SPACED ON  $\phi$  11.747 ± 0.625 B.C. BASIC  
 (SEE NOTE 2)

$\phi$  0.36 ± 0.014 (SEE NOTE 2)  
 1.71 ± 0.44 DP  
 HOLES EQ. SPACED AS SHOWN ON  $\phi$  3.000 B.C. BASIC



MANUFACTURER'S NAME  
 VOLTAGE & 60 HZ

MILLIMETER  
 INCH

G	H	A
0	1	2
3	4	5
6	7	8
9	0	1

GAGES 116146-00

REV.	DATE	BY	CHKD.	DESCRIPTION
1				REVISED TO 116146-00
2				REVISED TO 116146-00

REV.	DATE	BY	CHKD.	DESCRIPTION
1				REVISED TO 116146-00
2				REVISED TO 116146-00

116146-00-0  
 116251-00-0

116146-00-0