

AMETEK

Vacuum Airflow Performance Data

Model 116146-00	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

