

AMETEK

Vacuum Airflow Performance Data

Model 119678-00	Customer BEAM	Date 2002-7-19
Voltage 240	Inner fan	File# 11469
Freq 60	Stationary fan	Motor# Avg. 3
Stack	Outer fan	Commutator
Type 2	Cleaner	Armature winding
Box F-11.2	Cleaner#	Field winding

Notes
STD. BOX TEST

Orifice Size	Current (Ampere)	Input Watts	Speed RPM	Vacuum In./H2O	Air Flow (CFM)	Air Watts	Effic. %	Vacuum mm/H2O	Vacuum mBars
2	6.92	1599.3	22716.7	3.86	102.75	46.70	2.92		
1.75	6.94	1602.3	22700.0	7.13	106.23	89.15	5.56		
1.5	6.96	1607.3	22653.3	13.02	103.92	159.22	9.91		
1.25	7.01	1618.3	22636.7	24.33	98.56	282.08	17.43		
1.125	6.99	1613.0	22603.3	32.94	92.60	358.85	22.25		
1	6.96	1606.3	22656.7	44.69	84.86	446.14	27.77		
.875	6.82	1574.3	22816.7	58.27	74.16	508.33	32.29		
.75	6.58	1520.3	23216.7	71.70	60.23	508.10	33.42		
.625	6.19	1435.3	23970.0	84.12	45.17	446.96	31.14		
.5	5.73	1333.3	24863.3	94.45	30.56	339.59	25.47		
.375	5.21	1218.7	26013.3	104.82	18.12	223.49	18.34		
.25	4.75	1114.7	27283.3	114.01	8.71	116.80	10.48		
Sealed Hot	4.43	1043.7	28293.3	125.42					
Sealed Cold	4.43	1042.3	28323.3	125.69					

Temp 68	Barometer 29.92	Wetbu 52	Room RM3VOL10	Operator D.VARNER
---------	-----------------	----------	---------------	-------------------

Misc Average of 3