

Fan:
 Make- *Eurusfan*
 Model- *VFA2-36HP37-A3IM-CBM*
 Blade dia.- *37.7"*
 Orifice dia.- *38.0"*

Blade:
 Number- *6*
 Shape- *Propeller*
 Material- *Poly*
 Pitch- *-*
 Clearance- *0.3"*

Drive Sheaves:
 Drive dia.- *Direct*
 Axle dia.- *Drive*

Motor:
 Make- *Eurusdrive*
 Model- *YFE3-112L2-6BX*
 KW *3.7*
 RPM- *960*
 Volts- *380V*
 Amps- *8.6A*
 Hz- *50*
 Phase- *3*
 S. F.- *1.15*

Housing:
 Material- *Fiberglass*
 Intake area- *40.3"X40.3"*
 Discharge- *38"*
 Depth- *21.2"*

Shutter: *Butterfly*
 Material- *Fiberglass*
 # Doors- *2*
 # Columns- *1*
 Door length- *38"*
 Location- *Intake*

Guards:
 Description- *Wire Wire*
 Spacing- *4 concentric 2 concentric*
 Location- *Exhaust Intake*

Discharge Cone:
 Depth- *27.7"*
 Minor dia.- *38"*
 Major dia.- *44.9"*

Notes:

Test Conditions:

T(wb): *74.84* *23.8*
 T(db): *83.48* *28.6* Barometric pressure, recorded *29.97* *101500*

Static Pressure		Airflow					Static Pressure		Airflow	
(in.H2O)	(cfm)	rpm	Volts	Amps	Watts	cfm/Watt	(Pa)	(m ³ /h)	(m ³ /h)/Watt	
0.00	27500	961	377.8	7.58	3704	7.4	0	46750	12.6	
0.10	26710	959	377.8	7.80	3870	6.8	25	45410	11.6	
0.20	25450	957	377.6	8.01	4018	6.3	50	43260	10.7	
0.30	24320	955	377.6	8.22	4167	5.8	75	41340	9.8	
0.40	23210	954	377.5	8.35	4258	5.4	100	39460	9.2	
0.50	21870	952	377.4	8.48	4345	5.0	125	37180	8.5	
0.60	20680	951	377.3	8.60	4430	4.6	150	35150	7.9	
0.70	19310	950	377.4	8.65	4459	4.3	175	32830	7.3	
0.80	18480	950	377.5	8.65	4468	4.1	200	31420	7.0	
0.90	15620	950	377.6	8.55	4401	3.5	225	26550	6.0	
1.00	12800	951	377.6	8.46	4341	2.9	250	21750	5.0	