

Fan:
 Make- *Eurusfan*
 Model- *VFA2-36HP22-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- *YFE3-112L1-6BX*
 KW *2.2*
 RPM- *960*
 Volts- *380V*
 Amps- *5.7A*
 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	22600	974	380.3	4.68	2016	11.2	0	38420	19.1	
0.10	21715	971	379.3	4.84	2142	10.0	25	36920	17.1	
0.20	20600	970	379.7	5.00	2264	9.0	50	35020	15.3	
0.30	19259	968	380.3	5.15	2376	8.0	75	32740	13.6	
0.40	18091	966	380.3	5.25	2467	7.3	100	30760	12.3	
0.50	16617	965	380.2	5.34	2539	6.5	125	28250	11.0	
0.60	14955	965	380.9	5.38	2568	5.8	150	25420	9.8	
0.70	12241	966	380.8	5.30	2490	4.9	175	20810	8.3	