

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

Motor:
 Make- *Eurusdrive*
 Model- *YFE3-100L5-6BX*
 KW *1.5*
 RPM- *960*
 Volts- *380V*
 Amps- *4.0A*
 Hz- *50*
 Phase- *3*
 S. F.- *1.15*

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

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

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

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

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

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	19630	974	380.3	3.32	1549	12.7	0	33380	21.6	
0.10	18770	971	380.5	3.47	1673	11.1	25	31900	18.9	
0.20	17710	970	380.8	3.60	1776	9.9	50	30100	16.8	
0.30	16470	968	380.7	2.74	1379	11.8	75	27990	20.1	
0.40	14960	966	380.6	3.84	1960	7.6	100	25420	12.8	
0.50	13640	965	381.4	3.89	1994	6.8	125	23190	11.5	
0.60	11720	965	382.1	3.90	2005	5.8	150	19920	9.8	
0.70	8790	966	382.4	3.79	1931	4.5	175	14940	7.7	