

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

Blade:
 Number- *3*
 Shape- *Propeller*
 Material- *Poly*
 Pitch- *-*
 Clearance- *0.3"*

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

Motor:
 Make- *Eurusdrive*
 Model- *YFE3-100M4-6BXDV*
 KW *0.55*
 RPM- *960*
 Volts- *380V*
 Amps- *1.7A*
 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							Static Pressure		Airflow	
(in.H2O)	(cfm)	rpm	Volts	Amps	Watts	cfm/Watt	(Pa)	(m ³ /h)	(m ³ /h)/Watt	
0.00	14060	970	379.6	1.56	647	21.7	0	23890	36.9	
0.05	13380	969	379.0	1.58	667	20.1	12.5	22750	34.1	
0.10	12510	969	379.9	1.61	702	17.8	25	21260	30.3	
0.15	11800	967	380.1	1.63	717	16.5	37.5	20050	28.0	
0.20	10950	965	379.9	1.65	737	14.8	50	18610	25.2	
0.25	9990	964	379.4	1.67	750	13.3	62.5	16990	22.6	
0.30	8740	964	378.9	1.68	764	11.4	75	14860	19.4	