

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

**Motor:**  
 Make- Eurusdrive  
 Model- *YFE3-100L4-6BX*  
 KW 0.75  
 RPM- 960  
 Volts- 380V  
 Amps- 2.2A  
 Hz- 50  
 Phase- 3  
 S. F.- 1.15

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

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

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

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

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

**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 <sup>3</sup> /h)	(m <sup>3</sup> /h)/Watt	
0.00	15950	974	380.3	1.99	828	19.3	0	27120	32.7	
0.05	15210	971	380.5	2.04	866	17.6	12.5	26110	29.9	
0.10	14540	970	380.8	2.07	892	16.3	25	24960	27.7	
0.15	13710	968	380.7	2.09	916	15.0	37.5	23550	25.4	
0.20	12940	966	380.6	2.11	935	13.8	50	22220	23.5	
0.25	11970	965	381.4	2.13	960	12.5	62.5	20560	21.2	
0.30	10920	965	382.1	2.16	976	11.2	75	18750	19.0	