

**Fan:**  
 Make- *Eurusfan*  
 Model- *VFA2-50HO-B3IM-CR*  
 Blade dia.- *51.0"*  
 Orifice dia.- *51.6"*

**Motor:**  
 Make- *Eurusdrive*  
 Model- *YFE3-112L3A-10BX*  
 KW *1.1*  
 RPM- *690*  
 Volts- *230V*  
 Amps- *6.8A*  
 Hz- *60*  
 Phase- *3*  
 S. F.- *1.15*

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

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

**Housing:**  
 Material- *Fiberglass*  
 Intake area- *54"x54"*  
 Discharge- *51.6"*  
 Depth- *22.5"*

**Shutter:**  
 Material- *PVC*  
 # Doors- *16 per column*  
 # Columns- *3*  
 Door length- *17.6"*  
 Location- *Intake*

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

**Discharge Cone:**  
 Depth- *32.3"*  
 Minor dia.- *51.8"*  
 Major dia.- *61"*

**Notes:**

**Test Conditions:**

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

Static Pressure		Airflow				
(in.H2O)	(cfm)	rpm	Volts	Amps	Watts	cfm/Watt
0.00	29250	695	228.6	6.27	1288	22.7
0.05	27690	694	228.5	6.39	1337	20.7
0.10	25760	692	228.5	6.54	1410	18.3
0.15	24170	690	228.5	6.61	1458	16.6
0.20	22040	689	228.6	6.70	1513	14.6
0.25	19560	688	228.6	6.78	1555	12.6
0.30	17800	688	228.9	6.81	1569	11.3

Static Pressure		Airflow	
(Pa)	(m³/h)	(m³/h)	Watt
0	49430		38.6
12.5	46790		35.2
25	43540		31.1
37.5	40840		28.2
50	37240		24.8
62.5	33060		21.4
75	30090		19.3