

Fan:
 Make- *Eurusfan*
 Model- *VFA2-50HO-C3IM-CR*
 Blade dia.- *51.0"*
 Orifice dia.- *51.6"*

Motor:
 Make- *Eurusdrive*
 Model- *YFE3-112L3B-10BX*
 KW *1.1*
 RPM- *690*
 Volts- *380V*
 Amps- *4.3A*
 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	29130	695	378.2	4.07	1292	22.5
0.05	27560	694	378.2	4.10	1349	20.4
0.10	25900	692	378.0	4.18	1419	18.3
0.15	24030	690	378.1	4.23	1470	16.3
0.20	22000	689	378.0	4.28	1513	14.5
0.25	19770	688	378.0	4.31	1553	12.7
0.30	17910	688	378.2	4.34	1570	11.4

Static Pressure		Airflow	
(Pa)	(m³/h)	(m³/h)	Watt
0	49220	38.3	
12.5	46580	34.7	
25	43780	31.0	
37.5	40620	27.8	
50	37190	24.7	
62.5	33410	21.6	
75	30260	19.4	