

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

Motor:
 Make- *Eurusdrive*
 Model- *YFE3-112L4A-10BX*
 KW *1.5*
 RPM- *690*
 Volts- *230V*
 Amps- *9.0A*
 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	34300	692	228.6	8.44	1820	18.8
0.05	32940	690	228.5	8.60	1905	17.3
0.10	31140	689	228.5	8.71	1972	15.8
0.15	29630	688	228.5	8.79	2010	14.7
0.20	28210	687	228.6	8.83	2039	13.8
0.25	25980	686	228.6	8.92	2088	12.4
0.30	23850	685	228.9	8.94	2105	11.3

Static Pressure		Airflow	
(Pa)	(m³/h)	(m³/h)	Watt
0	58320		32.0
12.5	56000		29.4
25	52930		26.8
37.5	50370		25.1
50	47960		23.5
62.5	44170		21.2
75	40550		19.3