

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

Motor:
 Make- *Eurusdrive*
 Model- *YFE3-112L4B-10BX*
 KW *1.5*
 RPM- *690*
 Volts- *380V*
 Amps- *5.5A*
 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	34160	692	377.6	5.16	1812	18.9
0.05	32800	690	377.6	5.27	1894	17.3
0.10	31220	689	377.5	5.33	1955	16.0
0.15	29630	688	377.5	5.35	1998	14.8
0.20	28040	687	377.4	5.40	2036	13.8
0.25	25420	686	377.4	5.43	2071	12.3
0.30	23340	685	377.5	5.44	2082	11.2

Static Pressure		Airflow	
(Pa)	(m³/h)	(m³/h)	Watt
0	58080		32.0
12.5	55750		29.4
25	53070		27.1
37.5	50370		25.2
50	47660		23.4
62.5	43210		20.9
75	39670		19.1