

Fan:
 Make- *Eurusfan*
 Model- *VFA2-56HF-A3IM-CBM*
 Blade dia.- *56.0"*
 Orifice dia.- *56.6"*

Motor:
 Make- *Eurusdrive*
 Model- *YFE3-112L3-8BX*
 KW *2.2*
 RPM- *715*
 Volts- *380V*
 Amps- *6.5A*
 Hz- *50*
 Phase- *3*
 S. F.- *1.15*

Shutter: *Butterfly*
 Material- *Fiberglass*
 # Doors- *2*
 # Columns- *1*
 Door length- *58"*
 Location- *Intake*

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

Housing:
 Material- *Fiberglass*
 Intake area- *61.5"x61.5"*
 Discharge- *56.8"*
 Depth- *24"*

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

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

Discharge Cone:
 Depth- *40"*
 Minor dia.- *56.8"*
 Major dia.- *68"*

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	45940	725	378.5	6.45	2445	18.8
0.05	44290	724	378.4	6.57	2561	17.3
0.10	42450	723	378.4	6.68	2667	15.9
0.15	40530	722	378.3	6.78	2765	14.7
0.20	38380	721	378.2	6.86	2840	13.5
0.25	35900	719	378.2	6.93	2903	12.4
0.30	33230	719	378.2	6.97	2939	11.3

Static Pressure		Airflow	
(Pa)	(m³/h)	(m³/h)	(m³/h)/Watt
0	77640		31.8
12.5	74850		29.2
25	71740		26.9
37.5	68500		24.8
50	64860		22.8
62.5	60670		20.9
75	56160		19.1