

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

Motor:
 Make- *Eurusdrive*
 Model- *YFE3-100L2-8BX*
 KW *1.5*
 RPM- *710*
 Volts- *380V*
 Amps- *4.4A*
 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	41300	712	379.2	3.89	1781	23.2
0.05	39190	708	379.1	4.05	1904	20.6
0.10	37490	706	379.0	4.19	2004	18.7
0.15	35290	703	379.0	4.32	2100	16.8
0.20	32860	711	378.9	4.41	2171	15.1
0.25	30160	698	378.9	4.51	2242	13.5
0.30	27810	697	378.8	4.56	2276	12.2

Static Pressure		Airflow	
(Pa)	(m³/h)	(m³/h)	(m³/h)/Watt
0	69800		39.2
12.5	66240		34.8
25	63360		31.6
37.5	59640		28.4
50	55540		25.6
62.5	50980		22.7
75	47000		20.7