

Fan:
 Make- *Eurusfan*
 Model- *VFA2-56HP-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- 6
 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	39120	730	378.7	6.15	2123	18.4
0.10	37080	727	378.6	6.34	2335	15.9
0.20	34690	724	378.4	6.55	2546	13.6
0.30	32130	722	378.3	6.77	2749	11.7
0.40	29010	719	378.2	6.99	2953	9.8
0.50	25790	717	378.0	7.16	3104	8.3
0.60	22330	716	378.0	7.27	3193	7.0

Static Pressure		Airflow	
(Pa)	(m³/h)	(m³/h)	Watt
0	66120	31.1	
12.5	62660	26.8	
25	58630	23.0	
37.5	54310	19.8	
50	49030	16.6	
62.5	43590	14.0	
75	37740	11.8	