

Fan:
 Make- *Eurusfan*
 Model- *VFA2-50HP-A3IM-CBM*
 Blade dia.- *51.0"*
 Orifice dia.- *51.6"*

Motor:
 Make- *Eurusdrive*
 Model- *YFE3-100L6-8BX*
 KW *2.2*
 RPM- *720*
 Volts- *380V*
 Amps- *6.7A*
 Hz- *50Hz*
 Phase- *3*
 S. F.- *1.15*

Shutter: *Butterfly*
 Material- *Fiberglass*
 # Doors- *2*
 # Columns- *1*
 Door length- *53"*
 Location- *Exhaust*

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

Housing:
 Material- *Fiberglass*
 Intake area- *54"x54"*
 Discharge- *51.6"*
 Depth- *22.5"*

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

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

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							Static Pressure			
(in.H2O)	Airflow (cfm)	rpm	Volts	Amps	Watts	cfm/Watt	(Pa)	Airflow (m³/h)	(m³/h)/Watt	
0.00	34199	730	381.0	5.96	2047	16.7	0	58140	28.4	
0.10	32345	728	380.4	6.16	2224	14.5	25	54990	24.7	
0.20	30191	726	382.5	6.31	2420	12.5	50	51330	21.2	
0.30	28201	724	382.2	6.49	2584	10.9	75	47940	18.6	
0.35	26873	723	382.4	6.57	2657	10.1	88	45680	17.2	
0.40	25548	722	382.4	6.67	2732	9.3	100	43430	15.9	
0.50	22163	720	381.2	6.79	2864	7.7	125	37680	13.2	
0.60	17520	719	381.8	6.84	2964	5.9	150	29780	10.0	