

Fan:
 Make- *Eurusfan*
 Model- *VFAG-50HO-A3IM-CBM*
 Blade dia.- *50.0"*
 Orifice dia.- *50.6"*

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

Drive Sheaves:
 Drive dia.- *DIRECT*
 Axle dia.- *DRIVE*

Motor:
 Make- *Eurus Drive*
 Model- *YFE3-100L3-8BX*
 KW *1.5*
 RPM- *710*
 Volts- *380V*
 Amps- *4.4A*
 Hz- *50*
 Phase- *3*
 S. F.- *1.15*

Housing:
 Material- *Galvanized steel*
 Intake area- *51.6"x51.6"*
 Discharge- *50.7"*
 Depth- *13.8"*

Shutter: *Butterfly damper*
 Material- *Galvanized steel*
 # Doors- *2*
 # Columns-
 Door length-
 Location- *Exhaust*

Guards:
 Description- *wire*
 Spacing- *2"X2"/2.4" concentric*
 Location- *Intake/Exhaust*

Discharge Cone:
 Depth- *39.8"*
 Minor dia.- *50.7"*
 Major dia.- *63"*

Notes:

Test Conditions:

T(wb): 65.3 18.5
 T(db): 78.8 26 Barometric pressure, recorded 30.00 101600

Static Pressure							Static Pressure		Airflow	
(in.H2O)	(cfm)	rpm	Volts	Amps	Watts	cfm/Watt	(Pa)	(m ³ /h)	(m ³ /h)/Watt	
0.00	30730	714	379.1	3.97	1701	18.1	0	52240	30.7	
0.05	29350	713	379.1	4.05	1771	16.6	12.5	49890	28.2	
0.10	27820	711	379.1	4.11	1822	15.3	25	47290	25.9	
0.15	25910	709	379.1	4.19	1884	13.8	37.5	44050	23.4	
0.20	23750	708	379.1	4.22	1911	12.4	50	40380	21.1	
0.25	21490	708	379.0	4.23	1918	11.2	62.5	36530	19.0	
0.30	19080	708	378.8	4.23	1915	10.0	75	32440	16.9	