

Fan:

Make- *Eurusfan*
 Model- VFAG-50HE-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- YFE3-100L2-8BX
 KW 1.1
 RPM- 710
 Volts- 380-480V
 Amps- 3.3A
 Hz- 50/60Hz
 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	27020	718	379.5	2.99	1241	21.8	0	45930	37.0	
0.05	25820	716	379.4	3.05	1295	19.9	12.5	43890	33.9	
0.10	24260	715	379.4	3.12	1350	18.0	25	41240	30.6	
0.15	22380	713	379.3	3.19	1407	15.9	37.5	38050	27.0	
0.20	20440	711	379.3	3.24	1447	14.1	50	34750	24.0	
0.25	18560	710	379.3	3.27	1472	12.6	62.5	31550	21.4	
0.30	15870	710	379.3	3.27	1472	10.8	75	26980	18.3	