

Fan:
 Make- *Eurusfan*
 Model- VFAG2-56HE-A3IM-CBM
 Blade dia.- 55.8"
 Orifice dia.- 56.4"

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

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

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

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

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

Housing:
 Material- *Galvanized steel*
 Intake area- 60.3"x60.3"
 Discharge- 56.4"
 Depth- 13.8"

Discharge Cone:
 Depth- 39.8"
 Minor dia.- 56.4"
 Major dia.- 69"

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)	(m³/h)	(m³/h)/Watt	
0.00	30000	719	379.5	2.95	1205	24.9	0	51000	42.3	
0.05	28080	717	379.4	3.01	1270	22.1	12.5	47740	37.6	
0.10	26210	716	379.4	3.09	1335	19.6	25	44550	33.4	
0.15	24090	714	379.3	3.16	1387	17.4	37.5	40950	29.5	
0.20	21760	712	379.3	3.21	1429	15.2	50	36990	25.9	
0.25	19030	711	379.3	3.25	1459	13.0	62.5	32340	22.2	
0.30	16430	710	379.3	3.22	1437	11.4	75	27930	19.4	