

Fan:
Make- *Eurusfan*
Model- *VFEG-50HE-A3PM-CBA*
Blade dia.- *50.0"*
Orifice dia.- *50.6"*

Motor:
Make- *Eurus Drive*
Model- *TFE5-100M6-70BXDV*
KW *1.1*
RPM- *700*
Volts- *380-480V*
Amps- *2.5A*
Hz- *50/60Hz*
Phase- *3*
S. F.-

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

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

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

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

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

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	27730	640	380.6	2.20	1139	24.3	0	47140	41.4	
0.05	26290	640	378.9	2.29	1198	21.9	12.5	44680	37.3	
0.10	24460	640	380.8	2.39	1266	19.3	25	41580	32.8	
0.15	22380	640	378.6	2.43	1288	17.4	37.5	38040	29.5	
0.20	19830	640	380.8	2.44	1309	15.2	50	33720	25.8	
0.25	17060	640	378.8	2.46	1303	13.1	62.5	29000	22.3	
0.30	13730	640	379.4	2.49	1320	10.4	75	23350	17.7	