

Fan:
 Make- *Eurusfan*
 Model- *VFA2-36HP30-A3IM-CBM*
 Blade dia.- *37.7"*
 Orifice dia.- *38.0"*

Blade:
 Number- *6*
 Shape- *Propeller*
 Material- *Poly*
 Pitch- *-*
 Clearance- *0.3"*

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

Motor:
 Make- *Eurusdrive*
 Model- *YFE3-112L3-6BX*
 KW *3*
 RPM- *960*
 Volts- *380V*
 Amps- *7.4A*
 Hz- *50*
 Phase- *3*
 S. F.- *1.15*

Housing:
 Material- *Fiberglass*
 Intake area- *40.3"X40.3"*
 Discharge- *38"*
 Depth- *21.2"*

Shutter: *Butterfly*
 Material- *Fiberglass*
 # Doors- *2*
 # Columns- *1*
 Door length- *38"*
 Location- *Intake*

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

Discharge Cone:
 Depth- *27.7"*
 Minor dia.- *38"*
 Major dia.- *44.9"*

Notes:

Test Conditions:

T(wb): *74.84* *23.8*
 T(db): *83.48* *28.6* Barometric pressure, recorded *29.97* *101500*

Static Pressure		Airflow					Static Pressure		Airflow	
(in.H2O)	(cfm)	rpm	Volts	Amps	Watts	cfm/Watt	(Pa)	(m ³ /h)	(m ³ /h)/Watt	
0.00	24800	969	380.2	6.43	2898	8.6	0	42160	14.5	
0.10	24070	967	380.2	6.62	3046	7.8	25	40920	13.3	
0.20	23100	966	380.9	6.81	3195	7.2	50	39270	12.2	
0.30	22060	963	381.3	6.92	3338	6.5	75	37490	11.1	
0.40	21020	962	380.9	7.09	3420	6.1	100	35730	10.3	
0.50	19900	961	380.6	7.24	3520	5.6	125	33820	9.5	
0.60	18630	959	381.2	7.27	3563	5.2	150	31680	8.8	
0.70	17170	958	380.6	7.32	3594	4.7	175	29190	8.0	
0.80	15570	959	380.3	7.15	3442	4.5	200	26470	7.6	
0.90	12840	960	381.0	7.23	3502	3.6	225	21830	6.2	
1.00	9340	962	381.0	7.35	3536	2.6	250	15880	4.4	