

Fan:
 Make- *Eurusfan*
 Model- *VFE2-50HP-A3PM-CR*
 Blade dia.- *51.0"*
 Orifice dia.- *51.6"*

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

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

Motor:
 Make- *Eurusdrive*
 Model- *TFE5-100M8-75BXDV*
 KW *2.2*
 RPM- *730*
 Volts- *380V*
 Amps- *4.3A*
 Hz- *50*
 Phase- *3*
 S. F.-

Housing:
 Material- *FRP*
 Intake area- *54"x54"*
 Discharge- *51.6"*
 Depth- *22"*

Shutter:
 Material- *PVC*
 # Doors- *16 per column*
 # Columns- *3*
 Door length *17.8"*
 Location- *INTAKE*

Guards:
 Description- *Wire*
 Spacing- *4 concentric*
 Location- *exhaust*

Discharge Cone:
 Depth- *32.3"*
 Minor dia.- *51.8"*
 Major dia.- *61"*

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
730转									
0.00	33350	730	380.0	2.96	1642	20.3	0	56690	34.5
0.10	31790	730	378.9	3.22	1802	17.5	25	54040	29.7
0.20	29850	730	380.0	3.52	2019	14.6	50	50750	24.9
0.30	28060	730	379.6	3.79	2179	12.7	75	47700	21.7
0.40	25740	730	379.4	4.05	2345	10.9	100	43770	18.5
0.50	22970	730	379.7	4.30	2500	9.1	125	39060	15.5
0.60	18600	730	379.7	4.48	2623	7.0	150	31620	11.9
0.70	12210	730	378.9	4.41	2561	4.7	175	20750	8.0
680转									
0.00	31470	680	379.2	2.61	1419	22.2	0	53500	37.7
0.10	29850	680	379.6	2.90	1608	18.6	25	50740	31.6
0.20	27410	680	379.4	3.14	1766	15.5	50	46600	26.4
0.30	25530	680	379.1	3.36	1913	13.3	75	43400	22.7
0.40	22520	680	379.5	3.58	2051	11.0	100	38280	18.7
0.50	18500	680	379.4	3.78	2176	8.5	125	31460	14.5
0.60	12770	680	379.4	3.78	2174	5.9	150	21710	10.0
0.70	8580	680	379.0	4.00	2302	3.7	175	14590	6.3
630转									
0.00	29000	630	379.1	2.21	1146	25.3	0	49300	43.0
0.10	26670	630	379.7	2.47	1326	20.1	25	45340	34.2
0.20	24430	630	379.4	2.68	1457	16.8	50	41530	28.5
0.30	21840	630	379.4	2.86	1582	13.8	75	37130	23.5
0.40	17960	630	379.5	3.02	1696	10.6	100	30530	18.0
0.50	12170	630	379.6	3.06	1716	7.1	125	20690	12.1
0.60	7670	630	379.4	3.22	1813	4.2	150	13030	7.2
580转									
0.00	26390	580	379.2	1.86	911	29.0	0	44870	49.2
0.10	23910	580	379.8	2.09	1065	22.5	25	40650	38.2
0.20	21030	580	379.4	2.30	1193	17.6	50	35750	30.0

Static Pressure						Static Pressure			
(in.H2O)	Airflow (cfm)	rpm	Volts	Amps	Watts	cfm/Watt	(Pa)	Airflow (m ³ /h)	(m ³ /h)/Watt
0.30	17540	580	379.3	2.46	1304	13.4	75	29810	22.9
0.40	12170	580	379.5	2.53	1357	9.0	100	20690	15.2
530转									
0.00	23710	530	379.2	1.56	707	33.5	0	40300	57.0
0.10	21030	530	379.2	1.75	833	25.2	25	35750	42.9
0.20	17390	530	379.4	1.94	954	18.2	50	29570	31.0
0.30	12770	530	379.7	2.05	1033	12.4	75	21710	21.0
0.40	5840	530	379.5	2.11	1070	5.5	100	9930	9.3
480转									
0.00	20790	480	379.2	1.32	556	37.4	0	35340	63.5
0.10	17960	480	379.8	1.49	656	27.4	25	30530	46.5
0.20	13340	480	379.4	1.63	751	17.8	50	22680	30.2
0.30	5840	480	379.3	1.67	778	7.5	75	9930	12.8
430转									
0.00	18100	430	379.6	1.11	452	40.0	0	30760	68.0
0.10	14420	430	379.6	1.24	517	27.9	25	24510	47.4
0.20	7670	430	379.6	1.32	550	13.9	50	13030	23.7
380转									
0.00	15420	380	379.5	0.79	307	50.2	0	26210	85.3
0.10	9920	380	379.6	0.95	382	26.0	25	16860	44.1
330转									
0.00	12170	330	379.2	0.60	218	55.7	0	20690	94.7
0.10	4400	330	379.8	0.72	273	16.1	25	7480	27.4