

**Fan:**  
 Make- *Eurusfan*  
 Model- *VFA2-36HO-A3IMDV-CBA*  
 Blade dia.- *37.7"*  
 Orifice dia.- *38.0"*

**Motor:**  
 Make- *Eurusdrive*  
 Model- *YFE3-100M4-6BXDV*  
 KW *0.75*  
 RPM- *960*  
 Volts- *380V*  
 Amps- *1.8A*  
 Hz- *50*  
 Phase- *3*  
 S. F.- *1.15*

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

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

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

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

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

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

**Notes:**

**Test Conditions:**

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

Static Pressure							Static Pressure		
Pressure	Airflow						Pressure	Airflow	
(in.H2O)	(cfm)	rpm	Volts	Amps	Watts	cfm/Watt	(Pa)	(m³/h)	(m³/h)/Watt
<b>970转</b>									
0.00	16120	970	379.4	1.53	833	19.5	0	27400	33.2
0.05	15420	970	379.0	1.58	866	18.0	12.5	26210	30.6
0.10	14728	970	380.6	1.64	910	16.3	25	25040	27.8
0.15	13930	970	380.5	1.70	949	14.8	37.5	23680	25.2
0.20	13080	970	380.2	1.74	974	13.6	50	22240	23.1
0.25	12230	970	380.0	1.79	1006	12.3	62.5	20790	20.9
0.30	11280	970	379.8	1.83	1028	11.1	75	19180	18.8
<b>950转</b>									
0.00	15760	970	378.5	1.51	812	19.7	0	26800	33.4
0.05	15100	970	380.7	1.56	845	18.1	12.5	25670	30.8
0.10	14430	970	379.3	1.63	894	16.3	25	24530	27.8
0.15	13670	970	379.6	1.68	930	14.9	37.5	23240	25.3
0.20	1300	970	381.2	1.72	955	13.8	50	22100	23.4
0.25	11880	970	379.2	1.76	979	12.3	62.5	20190	20.9
0.30	11010	970	380.0	1.78	995	11.2	75	18710	19.1
<b>900转</b>									
0.00	15030	900	378.5	1.39	738	20.6	0	25560	35.1
0.05	14200	900	380.7	1.44	769	18.7	12.5	24130	31.8
0.10	13530	900	379.3	1.47	793	17.3	25	22990	29.4
0.15	12610	900	379.6	1.51	813	15.7	37.5	21440	26.7
0.20	11960	900	381.2	1.53	837	14.5	50	20330	24.6
0.25	10600	900	379.2	1.57	855	12.6	62.5	18030	21.4
0.30	9550	900	380.0	1.58	862	11.2	75	16230	19.1
<b>850转</b>									
0.00	14240	850	378.5	1.26	650	22.2	0	24210	37.8
0.05	13300	850	380.7	1.31	686	19.6	12.5	22620	33.4
0.10	122660	850	379.3	1.33	697	18.4	25	21530	31.3
0.15	11620	850	379.6	1.37	727	16.2	37.5	19760	27.5
0.20	10700	850	381.2	1.39	745	14.5	50	18190	24.7
0.25	9370	850	379.2	1.41	750	12.6	62.5	15930	21.5
0.30	8110	850	380.0	1.42	756	10.9	75	13790	18.5
<b>800转</b>									
0.00	13350	800	378.5	1.15	568	23.8	0	22700	40.5

Static Pressure		Airflow					Static Pressure		Airflow	
(in.H2O)	(cfm)	rpm	Volts	Amps	Watts	cfm/Watt	(Pa)	(m³/h)	(m³/h)/Watt	
0.05	12420	800	380.7	1.18	594	21.2	12.5	21120	36.0	
0.10	11620	800	379.3	1.21	615	19.2	25	19760	32.6	
0.15	14410	800	379.6	1.24	635	16.6	37.5	17700	28.2	
0.20	9370	800	381.2	1.27	651	14.6	50	15930	24.8	
0.25	7900	800	379.2	1.27	653	12.3	62.5	13430	20.8	
0.30	6250	800	380.0	1.26	645	9.8	75	10630	16.7	
750转										
0.00	12400	750	378.5	1.01	480	26.1	0	21080	44.4	
0.05	11390	750	380.7	1.06	512	22.5	12.5	19360	38.3	
0.10	10540	750	379.3	1.08	522	20.5	25	17920	34.8	
0.15	9300	750	379.6	1.11	544	17.3	37.5	15810	29.5	
0.20	8110	750	381.2	1.12	551	14.9	50	13790	25.3	
0.25	5980	750	379.2	1.12	546	11.1	62.5	10170	18.9	
0.30	3440	750	380.0	1.09	534	6.5	75	5850	11.1	
700转										
0.00	11590	700	378.5	0.92	414	28.3	0	19710	48.2	
0.05	10450	700	380.7	0.95	439	24.1	12.5	17760	41.0	
0.10	9330	700	379.3	0.97	451	20.9	25	15870	35.6	
0.15	7990	700	379.6	0.99	466	17.4	37.5	13580	29.5	
0.20	6360	700	381.2	1.00	472	13.6	50	10810	23.2	
0.25	3540	700	379.2	0.97	447	8.0	62.5	6010	13.6	
650转										
0.00	10640	650	378.5	0.82	351	30.7	0	18080	52.2	
0.05	9370	650	380.7	0.86	375	25.3	12.5	15930	43.0	
0.10	8110	650	379.3	0.88	388	21.2	25	13790	36.0	
0.15	6460	650	379.6	0.89	391	16.7	37.5	10990	28.5	
0.20	4140	650	381.2	0.89	389	10.8	50	7040	18.3	
600转										
0.00	9650	600	378.5	0.75	301.89	32.4	0	16400	55.0	
0.05	8270	600	380.7	0.78	318.77	26.3	12.5	14070	44.7	
0.10	7180	600	379.3	0.79	326.44	22.3	25	12210	37.9	
0.15	4740	600	379.6	0.80	331	14.5	37.5	8060	24.6	
550转										
0.00	8740	550	378.5	0.67	256	34.5	0	14860	58.7	
0.05	7330	550	380.7	0.70	273	27.2	12.5	12470	46.2	
0.10	5700	550	379.3	0.71	278	20.8	25	9680	35.3	
500转										
0.00	8110	500	378.5	0.59	215	38.3	0	13790	65.1	
0.05	6360	500	380.7	0.63	231	27.9	12.5	10810	47.4	
0.10	4140	500	379.3	0.63	235	17.8	25	7040	30.3	
450转										
0.00	7150	450	378.5	0.53	185	39.1	0	12160	66.5	
0.05	5140	450	380.7	0.56	199	26.1	12.5	8750	44.4	
400转										
0.00	6150	400	378.5	0.48	162	38.4	0	10450	65.4	
0.05	3540	400	380.7	0.49	170	21.1	12.5	6010	35.8	