

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

Motor:
 Make- *Eurusdrive*
 Model- *YFE3-100M3-6BXDV*
 KW *0.55*
 RPM- *960*
 Volts- *380V*
 Amps- *1.5A*
 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*

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

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)	(m³/h)	(m³/h)/Watt	
970转										
0.00	14180	970	380.6	1.25	663	21.8	0	24100	37.1	
0.05	13430	970	380.2	1.30	693	19.8	12.5	22830	33.6	
0.10	12720	970	379.9	1.34	720	18.0	25	21630	30.6	
0.15	11910	970	378.9	1.38	744	16.3	37.5	20250	27.7	
0.20	11140	970	380.3	1.42	774	14.7	50	18930	24.9	
0.25	10160	970	379.9	1.45	793	13.1	62.5	17280	22.2	
0.30	9130	970	380.3	1.47	802	11.6	75	15510	19.7	
950转										
0.00	13850	950	381.1	1.19	627	22.1	0	23540	37.6	
0.05	13100	950	379.1	1.24	648	20.2	12.5	22260	34.4	
0.10	12460	950	380.3	1.26	671	18.6	25	21180	31.5	
0.15	11670	950	379.1	1.31	700	16.7	37.5	19840	28.3	
0.20	10950	950	381.0	1.36	735	14.9	50	18610	25.3	
0.25	10010	950	379.0	1.39	745	13.4	62.5	17010	22.9	
0.30	8940	950	380.2	1.40	754	11.8	75	15190	20.1	
900转										
0.00	13120	900	379.6	1.14	581	22.6	0	22310	38.4	
0.05	12190	900	380.6	1.18	607	20.1	12.5	20730	34.1	
0.10	11590	900	380.1	1.20	621	18.7	25	19700	31.7	
0.15	10740	900	379.9	1.24	651	16.5	37.5	18250	28.0	
0.20	9910	900	380.5	1.27	663	15.0	50	16850	25.4	
0.25	8860	900	380.4	1.29	677	13.1	62.5	15060	22.3	
0.30	7840	900	380.4	1.30	685	11.4	75	13330	19.5	
850转										
0.00	12330	850	379.5	1.03	503	24.5	0	20950	41.6	
0.05	11470	850	380.6	1.07	530	21.7	12.5	19500	36.8	
0.10	10830	850	380.1	1.09	543	19.9	25	18400	33.9	
0.15	9740	850	379.9	1.12	563	17.3	37.5	16560	29.4	
0.20	8970	850	380.5	1.14	577	15.5	50	15250	26.4	
0.25	7580	850	380.4	1.16	589	12.9	62.5	12890	21.9	
0.30	6200	850	380.4	1.15	588	10.5	75	10550	17.9	
800转										
0.00	11500	800	380.5	0.93	431	26.7	0	19550	45.4	

Static Pressure		Airflow					Static Pressure		Airflow	
(in.H2O)	(cfm)	rpm	Volts	Amps	Watts	cfm/Watt	(Pa)	(m³/h)	(m³/h)/Watt	
0.05	10670	800	380.5	0.97	454	23.5	12.5	18150	39.9	
0.10	9810	800	380.1	0.99	470	20.9	25	16680	35.5	
0.15	8820	800	380.0	1.02	488	18.1	37.5	15000	30.8	
0.20	7630	800	380.7	1.03	499	15.3	50	12970	26.0	
0.25	5990	800	380.3	1.03	496	12.1	62.5	10180	20.5	
0.30	3860	850	380.4	1.01	480	8.0	75	6560	13.7	
750转										
0.00	10830	750	381.0	0.84	371	29.2	0	18400	49.6	
0.05	9740	750	379.9	0.88	393	24.8	12.5	16560	42.2	
0.10	8940	750	381.3	0.90	405	22.0	25	15190	37.5	
0.15	7920	750	379.6	0.91	414	19.1	37.5	13470	32.5	
0.20	6310	750	380.6	0.83	381	16.6	50	10730	28.2	
0.25	4340	800	380.3	0.91	415	10.5	62.5	7380	17.8	
700转										
0.00	10010	700	380.0	0.77	312	32.1	0	17010	54.5	
0.05	8820	700	380.9	0.79	331	26.6	12.5	15000	45.3	
0.10	7710	700	379.7	0.82	345	22.4	25	13110	38.1	
0.15	6360	700	380.7	0.83	355	17.9	37.5	10810	30.5	
0.20	4910	750	380.6	0.82	372	13.2	50	8340	22.4	
650转										
0.00	9190	650	380.9	0.69	270	34.1	0	15620	57.9	
0.05	8050	650	379.7	0.71	285	28.2	12.5	13680	48.0	
0.10	6950	650	380.6	0.73	295	23.5	25	11820	40.0	
0.15	5230	650	380.6	0.74	302	17.3	37.5	8890	29.4	
0.20	3110	750	380.6	0.72	294	10.6	50	5290	18.0	
600转										
0.00	8370	600	381.2	0.62	229.64	36.4	0	14220	61.9	
0.05	7230	600	380.0	0.64	243.26	29.7	12.5	12290	50.5	
0.10	5590	600	379.8	0.66	252.25	22.2	25	9510	37.7	
0.15	3600	650	380.6	0.66	252	14.3	37.5	6120	24.2	
550转										
0.00	7540	550	380.2	0.55	197	38.4	0	12820	65.2	
0.05	6310	550	379.8	0.58	208	30.3	12.5	10730	51.6	
0.10	4700	550	379.8	0.59	212	22.1	25	7990	37.6	
500转										
0.00	6810	500	379.8	0.49	166	41.1	0	11580	69.9	
0.05	5100	500	380.9	0.52	179	28.5	12.5	8670	48.4	
0.10	2780	550	379.8	0.52	179	15.5	25	4730	26.4	
450转										
0.00	5820	500	379.8	0.44	142	41.1	0	9900	69.9	
0.05	4110	500	380.9	0.46	152	27.0	12.5	6980	45.8	