

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

Motor:
 Make- *Eurusdrive*
 Model- *YFE3-100M4-6BXDV*
 KW *0.75*
 RPM- *970*
 Volts- *380V*
 Amps- *1.8A*
 Hz- *50*
 Phase- *3*
 S. F.- *1.15*

Shutter:
 Material- *PVC*
 # Doors- *12 per column*
 # Columns- *2*
 Door length- *20"*
 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*
 Spacing- *4 concentric*
 Location- *Exhaust*

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							Static Pressure		
Pressure	Airflow		Volts	Amps	Watts	cfm/Watt	Pressure	Airflow	
(in.H2O)	(cfm)	rpm						(Pa)	(m³/h)
970转									
0.00	16400	970	378.5	1.52	820	20.3	0	27880	34.4
0.05	15750	970	380.7	1.58	869	18.4	12.5	26780	31.2
0.10	15100	970	379.3	1.65	909	16.8	25	25670	28.6
0.15	14390	970	379.6	1.69	938	15.5	37.5	24460	26.4
0.20	13490	970	381.2	1.74	973	14.0	50	22930	23.9
0.25	12610	970	379.2	1.78	988	12.9	62.5	21420	22.0
0.30	11740	970	380.0	1.82	1023	11.6	75	19960	19.8
950转									
0.00	16020	970	378.5	1.45	787	20.6	0	27240	35.1
0.05	15390	970	380.7	1.48	819	19.0	12.5	26160	32.4
0.10	14710	970	379.3	1.55	854	17.4	25	25000	29.6
0.15	13940	970	379.6	1.59	882	16.0	37.5	23700	27.2
0.20	13230	970	381.2	1.64	917	14.6	50	22490	24.8
0.25	12290	970	379.2	1.68	936	13.3	62.5	20890	22.6
0.30	11380	970	380.0	1.72	970	11.9	75	19350	20.2
900转									
0.00	15300	900	378.5	1.39	731	21.2	0	26020	36.1
0.05	14340	900	380.7	1.43	758	19.2	12.5	24380	32.6
0.10	13750	900	379.3	1.46	786	17.7	25	23370	30.1
0.15	12820	900	379.6	1.49	802	16.2	37.5	21790	27.5
0.20	11980	900	381.2	1.51	814	14.9	50	20370	25.3
0.25	10870	900	379.2	1.56	840	13.1	62.5	18490	22.3
0.30	10110	900	380.0	1.59	867	11.8	75	17180	20.1
850转									
0.00	14320	850	378.5	1.26	640	22.7	0	24336	38.5
0.05	13550	850	380.7	1.30	671	20.5	12.5	23040	34.8
0.10	12770	850	379.3	1.33	692	18.7	25	21700	31.8
0.15	11670	850	379.6	1.36	712	16.6	37.5	19450	28.2
0.20	10840	850	381.2	1.38	730	15.0	50	18430	25.6
0.25	9570	850	379.2	1.41	748	13.0	62.5	16260	22.0
0.30	8250	850	380.0	1.43	761	11.0	75	14020	18.7
800转									
0.00	13450	800	378.5	1.14	556	24.5	0	22870	41.7

Static Pressure Airflow							Static Pressure Airflow		
(in.H2O)	(cfm)	rpm	Volts	Amps	Watts	cfm/Watt	(Pa)	(m³/h)	(m³/h)/Watt
0.05	12450	800	380.7	1.18	586	21.5	12.5	21160	36.6
0.10	11530	800	379.3	1.21	600	19.5	25	19600	33.1
0.15	10470	800	379.6	1.23	621	17.1	37.5	17790	29.0
0.20	9390	800	381.2	1.25	638	14.9	50	15960	25.3
0.25	7790	800	379.2	1.28	648	12.2	62.5	13240	20.7
0.30	5710	800	380.0	1.28	651	8.9	75	9700	15.1
750转									
0.00	12370	750	378.5	1.01	470	26.6	0	21020	45.3
0.05	11410	750	380.7	1.05	498	23.2	12.5	19400	39.5
0.10	10400	750	379.3	1.07	514	20.5	25	17680	34.9
0.15	9250	750	379.6	1.09	527	17.8	37.5	15720	30.2
0.20	7830	750	381.2	1.11	540	14.7	50	13320	25.0
0.25	5590	750	379.2	1.12	541	10.5	62.5	9500	17.8
0.30	2810	750	380.0	1.11	537	5.3	75	4780	9.0
700转									
0.00	11330	700	378.5	0.91	403	28.5	0	19250	48.4
0.05	10140	700	380.7	0.94	423	24.3	12.5	17240	41.3
0.10	9210	700	379.3	0.97	439	21.2	25	15650	36.1
0.15	7750	700	379.6	0.98	450	17.4	37.5	13170	29.6
0.20	5880	700	381.2	0.99	460	12.9	50	10000	22.0
0.25	2430	700	379.2	0.99	454	5.4	62.5	4130	9.2
650转									
0.00	10340	650	378.5	0.83	352	29.7	0	17570	50.6
0.05	8990	650	380.7	0.85	364	25.0	12.5	15280	42.5
0.10	7920	650	379.3	0.87	373	21.5	25	13460	36.6
0.15	5990	650	379.6	0.89	385	15.8	37.5	10190	26.8
0.20	3250	650	381.2	0.90	390	8.4	50	5520	14.3
600转									
0.00	9460	600	378.5	0.75	296.67	32.3	0	16080	54.9
0.05	7880	600	380.7	0.77	315.40	25.3	12.5	13390	43.0
0.10	6370	600	379.3	0.79	325.08	19.9	25	10830	33.8
0.15	3540	600	379.6	0.80	327	11.0	37.5	6020	18.6
550转									
0.00	8210	550	378.5	0.68	256	32.5	0	13950	55.3
0.05	6630	550	380.7	0.70	269	24.9	12.5	11270	42.4
0.10	4820	550	379.3	0.71	275	17.8	25	8190	30.2
500转									
0.00	7260	500	378.5	0.60	215	34.2	0	12330	58.1
0.05	5280	500	380.7	0.62	229	23.4	12.5	8980	39.8