

Fan:		Motor:		Shutter:	
Make-	<i>Eurusfan</i>	Make-	Eurusdrive	Material-	PVC
Model-	<i>VFA2-36HE-A3IMDV-CR</i>	Model-	<i>YFE3-100M3-6BXDV</i>	# Doors-	12 per column
Blade dia.-	<i>37.7"</i>	KW	<i>0.55</i>	# Columns-	2
Orifice dia.-	<i>38.0"</i>	RPM-	<i>960</i>	Door length-	20"
		Volts-	<i>380V</i>	Location-	Intake
Blade:		Amps-	<i>1.5A</i>	Guards:	
Number-	<i>3</i>	Hz-	<i>50</i>	Description-	<i>Wire</i>
Shape-	<i>Propeller</i>	Phase-	<i>3</i>	Spacing-	<i>4 concentric</i>
Material-	<i>Poly</i>	S. F.-	<i>1.15</i>	Location-	<i>Exhaust</i>
Pitch-	<i>-</i>	Housing:		Discharge Cone:	
Clearance-	<i>0.3"</i>	Material-	<i>Fiberglass</i>	Depth-	<i>27.7"</i>
Drive Sheaves:		Intake area-	<i>40.3"X40.3"</i>	Minor dia.-	<i>38"</i>
Drive dia.-	<i>Direct</i>	Discharge-	<i>38"</i>	Major dia.-	<i>44.9"</i>
Axle dia.-	<i>Drive</i>	Depth-	<i>21.2"</i>		

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	14420	970	380.0	1.25	657	22.6	0	24510	38.5	
0.05	13590	970	379.9	1.30	691	20.2	12.5	23100	34.4	
0.10	12750	970	380.8	1.34	719	18.3	25	21670	31.1	
0.15	11970	970	380.7	1.38	748	16.5	37.5	20350	28.0	
0.20	11230	970	381.0	1.42	774	14.9	50	19090	25.4	
0.25	10160	970	379.5	1.45	787	13.3	62.5	17280	22.6	
0.30	9130	970	379.6	1.47	803	11.7	75	15510	19.9	
950转										
0.00	13860	950	381.1	1.19	624	22.9	0	23560	38.9	
0.05	12120	950	379.1	1.26	659	20.5	12.5	22300	34.9	
0.10	12350	950	380.3	1.29	683	18.6	25	21000	31.7	
0.15	11540	950	380.6	1.33	715	16.6	37.5	19610	28.3	
0.20	10750	950	381.0	1.34	725	15.3	50	18280	26.0	
0.25	9900	950	379.0	1.39	756	13.5	62.5	16830	22.9	
0.30	8820	950	380.2	1.41	768	11.8	75	15000	20.1	
900转										
0.00	13120	900	379.6	1.14	564	23.9	0	22300	40.7	
0.05	12270	900	380.6	1.18	592	21.4	12.5	20860	36.3	
0.10	11420	900	380.1	1.21	609	19.3	25	19420	32.9	
0.15	10630	900	379.9	1.24	630	17.4	37.5	18070	29.5	
0.20	9800	900	380.5	1.26	639	15.8	50	16660	26.8	
0.25	8560	900	380.4	1.30	670	13.2	62.5	14560	22.4	
0.30	7330	900	380.4	1.31	673	11.2	75	12470	19.1	
850转										
0.00	12400	850	379.5	1.03	503	25.4	0	21090	43.2	
0.05	11280	850	380.6	1.07	531	21.9	12.5	19180	37.2	
0.10	10510	850	380.1	1.10	547	19.8	25	17860	33.6	
0.15	9460	850	379.9	1.13	569	17.1	37.5	16090	29.1	
0.20	8640	850	380.5	1.14	578	15.4	50	14680	26.2	

Static Pressure		Airflow					Static Pressure		Airflow	
(in.H2O)	(cfm)	rpm	Volts	Amps	Watts	cfm/Watt	(Pa)	(m ³ /h)	(m ³ /h)/Watt	
0.25	7420	850	380.4	1.16	591	12.9	62.5	12620	22.0	
0.30	5630	850	380.4	1.17	599	9.7	75	9570	16.4	
800转										
0.00	11370	800	379.6	0.95	442	26.5	0	19320	45.1	
0.05	10410	800	380.5	0.97	459	23.4	12.5	17700	39.8	
0.10	9600	800	380.1	1.00	476	20.8	25	16320	35.3	
0.15	8560	800	380.0	1.02	492	17.9	37.5	14560	30.5	
0.20	7240	800	380.7	1.04	504	14.8	50	12320	25.2	
0.25	5800	800	380.3	1.04	503	11.9	62.5	9860	20.2	
750转										
0.00	10410	750	381.0	0.86	381	28.2	0	17700	47.9	
0.05	9460	750	379.9	0.88	400	24.4	12.5	16090	41.5	
0.10	8410	750	381.3	0.91	415	20.8	25	14290	35.4	
0.15	7380	750	379.6	0.92	422	18.0	37.5	12540	30.6	
0.20	5800	750	380.6	0.93	431	13.9	50	9860	23.6	
700转										
0.00	9670	700	380.0	0.77	321	31.0	0	16440	52.7	
0.05	8560	700	380.9	0.80	340	26.0	12.5	14560	44.1	
0.10	7510	700	379.7	0.82	350	22.1	25	12770	37.5	
0.15	6280	700	380.7	0.84	364	17.8	37.5	10680	30.2	
650转										
0.00	8750	650	380.9	0.70	279	32.4	0	14880	55.0	
0.05	7510	650	379.7	0.73	288	26.9	12.5	12770	45.7	
0.10	6280	650	380.6	0.74	301	21.5	25	10680	36.6	
600转										
0.00	7810	600	381.2	0.63	235.84	34.1	0	13270	58.0	
0.05	6440	600	380.0	0.65	247.47	26.8	12.5	10940	45.5	
0.10	4820	600	379.8	0.66	251	19.8	25	8190	33.7	
550转										
0.00	6830	550	380.2	0.57	202	34.8	0	11610	59.2	
0.05	5210	550	379.8	0.58	210	25.5	12.5	8850	43.4	
500转										
0.00	6020	500	379.8	0.51	167	37.1	0	10230	63.1	
0.05	4250	500	380.9	0.52	181	24.1	12.5	7220	41.0	
450转										
0.00	4950	500	379.8	0.45	148	34.4	0	8420	58.6	
0.05	2770	500	380.9	0.46	153	18.6	12.5	4710	31.6	