

<b>Fan:</b>		<b>Motor:</b>		<b>Shutter:</b>	
Make-	<i>Eurusfan</i>	Make-	Eurusdrive	Material-	<i>PVC</i>
Model-	<i>VFA2-24HP-A3IMDV-CR</i>	Model-	<i>YFE3-100M2-4B3DV</i>	# Doors-	<i>9 per column</i>
Blade dia.-	<i>26"</i>	KW	<i>0.75</i>	# Columns-	<i>2</i>
Orifice dia.-	<i>26.5"</i>	RPM-	<i>1500</i>	Door length-	<i>15"</i>
		Volts-	<i>380</i>	Location-	<i>Intake</i>
<b>Blade:</b>		Amps-	<i>1.8</i>	<b>Guards:</b>	
Number-	<i>6</i>	Hz-	<i>50</i>	Description-	<i>Wire</i>
Shape-	<i>Propeller</i>	Phase-	<i>3</i>	Spacing-	<i>2" concentric</i>
Material-	<i>Plastic</i>	S. F.-	<i>1.15</i>	Location-	<i>Exhaust</i>
Pitch-	<i>-</i>				
Clearance-	<i>0.3"</i>	<b>Housing:</b>		<b>Discharge Cone:</b>	
		Material-	<i>Fiberglass</i>	Depth-	<i>23"</i>
<b>Drive Sheaves:</b>		Intake area-	<i>30"x30"</i>	Minor dia.-	<i>26.5"</i>
Drive dia.-	<i>Direct</i>	Discharge-	<i>26"</i>	Major dia.-	<i>32.5"</i>
Axle dia.-	<i>Drive</i>	Depth-	<i>19"</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	
<b>1500转</b>										
0.00	9380	1500	380.3	1.48	810	11.6	0	15940	19.7	
0.10	8820	1500	381.2	1.54	843	10.5	25	15000	17.8	
0.20	8360	1500	381.5	1.62	902	9.3	50	14210	15.8	
0.30	7770	1500	379.8	1.67	927	8.4	75	13210	14.3	
0.40	7090	1500	380.0	1.70	956	7.4	100	12060	12.6	
0.50	6440	1500	381.1	1.73	972	6.6	125	10940	11.3	
0.60	5360	1500	379.1	1.78	997	5.4	150	9110	9.1	
<b>1450转</b>										
0.00	9050	1450	380.1	1.38	742	12.2	0	15390	20.7	
0.10	8530	1450	380.2	1.44	780	10.9	25	14500	18.6	
0.20	7950	1450	380.3	1.48	819	9.7	50	13520	16.5	
0.30	7350	1450	380.7	1.53	848	8.7	75	12500	14.7	
0.40	6610	1450	380.2	1.58	870	7.6	100	11240	12.9	
0.50	5790	1450	379.8	1.60	888	6.5	125	9840	11.1	
0.60	4630	1450	381.5	1.67	929	5.0	150	7870	8.5	
<b>1400转</b>										
0.00	8770	1400	380.3	1.27	677	12.9	0	14910	22.0	
0.10	8190	1400	381.3	1.32	717	11.4	25	13920	19.4	
0.20	7590	1400	379.1	1.37	740	10.2	50	12900	17.4	
0.30	6910	1400	380.0	1.44	780	8.9	75	11750	15.1	
0.40	6060	1400	380.2	1.46	790	7.7	100	10300	13.0	
0.50	5210	1400	379.4	1.50	817	6.4	125	8860	10.8	
0.60	3890	1400	379.5	1.54	842	4.6	150	6610	7.8	
<b>1350转</b>										
0.00	8440	1350	380.1	1.18	609	13.8	0	14350	23.5	
0.10	7810	1350	380.4	1.24	648	12.1	25	13280	20.5	
0.20	7200	1350	380.2	1.30	684	10.5	50	12240	17.9	
0.30	6510	1350	379.6	1.33	709	9.2	75	11070	15.6	
0.40	5620	1350	380.6	1.35	724	7.8	100	9550	13.2	

Static Pressure							Static Pressure			
(in.H2O)	Airflow (cfm)	rpm	Volts	Amps	Watts	cfm/Watt	(Pa)	Airflow (m <sup>3</sup> /h)	(m <sup>3</sup> /h)/Watt	
0.50	4310	1350	380.6	1.40	754	5.7	125	7330	9.7	
0.60	2680	1350	380.7	1.45	793	3.4	150	4560	5.8	
1300转										
0.00	8050	1300	380.3	1.13	570	14.1	0	13690	24.0	
0.10	7440	1300	381.0	1.17	601	12.4	25	12650	21.0	
0.20	6820	1300	380.4	1.22	629	10.8	50	11590	18.4	
0.30	6030	1300	379.5	1.25	649	9.3	75	10250	15.8	
0.40	5060	1300	380.0	1.27	664	7.6	100	8600	12.9	
0.50	3720	1300	380.5	1.30	687	5.4	125	6320	9.2	
0.60	2440	1300	379.3	1.36	722	3.4	150	4150	5.7	
1250转										
0.00	7770	1250	380.7	1.05	515	15.1	0	13210	25.6	
0.10	7110	1250	380.4	1.10	549	13.0	25	12090	22.0	
0.20	6440	1250	379.2	1.13	570	11.3	50	10950	19.2	
0.30	5510	1250	380.7	1.16	596	9.2	75	9370	15.7	
0.40	4420	1250	381.3	1.19	613	7.2	100	7510	12.3	
0.50	2910	1250	379.6	1.23	629	4.6	125	4950	7.9	
1200转										
0.00	7500	1200	380.8	0.98	466	16.1	0	12750	27.4	
0.10	6770	1200	379.7	1.03	498	13.6	25	11510	23.1	
0.20	6030	1200	380.0	1.07	523	11.5	50	10250	19.6	
0.30	5060	1200	381.1	1.09	538	9.4	75	8600	16.0	
0.40	3720	1200	379.7	1.13	562	6.6	100	6320	11.3	
0.50	2300	1200	380.0	1.17	591	3.9	125	3910	6.6	
1150转										
0.00	7140	1150	380.1	0.92	420	17.0	0	12140	28.9	
0.10	6340	1150	380.8	0.96	453	14.0	25	10780	23.8	
0.20	5540	1150	381.1	0.99	477	11.6	50	9420	19.7	
0.30	4490	1150	380.8	1.01	490	9.2	75	7630	15.6	
0.40	2960	1150	379.7	1.05	511	5.8	100	5030	9.9	
1100转										
0.00	6700	1100	380.9	0.86	385	17.4	0	11390	29.6	
0.10	5950	1100	380.8	0.90	414	14.4	25	10120	24.4	
0.20	5060	1100	379.8	0.93	430	11.8	50	8600	20.0	
0.30	3930	1100	380.8	0.96	450	8.7	75	6680	14.9	
0.40	2160	1100	380.8	0.99	472	4.6	100	3670	7.8	
1050转										
0.00	6460	1050	381.1	0.80	346	18.7	0	10980	31.7	
0.10	5590	1050	380.5	0.84	371	15.1	25	9500	25.6	
0.20	4600	1050	381.6	0.87	389	11.8	50	7820	20.1	
0.30	3120	1050	380.8	0.90	410	7.6	75	5300	12.9	
1000转										
0.00	6080	1000	379.8	0.76	311	19.6	0	10340	33.3	
0.10	5210	1000	381.2	0.79	339	15.4	25	8860	26.1	
0.20	4120	1000	379.6	0.81	346	11.9	50	7000	20.3	
0.30	2680	1000	379.8	0.84	367	7.3	75	4560	12.4	
950转										
0.00	5760	950	381.2	0.70	279	20.6	0	9790	35.1	
0.10	4830	950	380.6	0.74	301	16.0	25	8210	27.3	
0.20	3360	950	380.1	0.77	317	10.6	50	5710	18.0	
900转										
0.00	5270	900	379.9	0.66	255	20.7	0	8960	35.1	
0.10	4390	900	380.4	0.70	276	15.9	25	7460	27.0	

Static Pressure							Static Pressure			
(in.H2O)	Airflow (cfm)	rpm	Volts	Amps	Watts	cfm/Watt	(Pa)	Airflow (m <sup>3</sup> /h)	(m <sup>3</sup> /h)/Watt	
0.20	2860	900	381.5	0.73	291	9.8	50	4860	16.7	
850转										
0.00	5030	850	380.0	0.62	231	21.7	0	8550	36.9	
0.10	3970	850	381.1	0.65	248	16.0	25	6750	27.1	
0.20	2240	850	380.3	0.68	263	8.5	50	3810	14.4	
800转										
0.00	4560	800	379.9	0.55	207	22.0	0	7750	37.5	
0.10	3500	800	381.5	0.58	224	15.6	25	5950	26.6	
0.20	1670	800	379.8	0.61	234	7.1	50	2840	12.1	
750转										
0.00	4240	750	380.1	0.54	186	22.8	0	7210	38.7	
0.10	2910	750	381.8	0.57	203	14.3	25	4950	24.3	