

Fan:		Motor:		Shutter:	
Make-	<i>Eurusfan</i>	Make-	Eurusdrive	Material-	<i>PVC</i>
Model-	<i>VFA2-24HE-A3IMDV-CR</i>	Model-	<i>YFE3-100M1-4B3DV</i>	# Doors-	<i>9 per column</i>
Blade dia.-	<i>26"</i>	KW	<i>0.25</i>	# Columns-	<i>2</i>
Orifice dia.-	<i>26.5"</i>	RPM-	<i>1470</i>	Door length-	<i>15"</i>
		Volts-	<i>380</i>	Location-	<i>Intake</i>
Blade:		Amps-	<i>0.9</i>	Guards:	
Number-	<i>3</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>	Housing:		Discharge Cone:	
		Material-	<i>Fiberglass</i>	Depth-	<i>23"</i>
Drive Sheaves:		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
1470转									
0.00	6380	1470	379.4	0.78	337	18.9	0	10780	32.0
0.05	5910	1470	380.8	0.78	345	17.1	12.5	9990	29.0
0.10	5400	1470	380.8	0.79	351	15.4	25	9120	26.0
0.15	5060	1470	380.7	0.78	350	14.5	37.5	8550	24.4
0.20	4490	1470	380.3	0.80	350	12.8	50	7600	21.7
0.25	4000	1470	380.4	0.79	352	11.4	62.5	6760	19.2
0.30	3490	1470	380.9	0.79	350	10.0	75	5890	16.8
1420转									
0.00	6030	1420	379.5	0.73	313	19.2	0	10190	32.5
0.05	5610	1420	380.9	0.73	319	17.6	12.5	9490	29.8
0.10	5170	1420	381.3	0.74	322	16.1	25	8730	27.1
0.15	4690	1420	379.5	0.74	318	14.8	37.5	7930	25.0
0.20	4090	1420	380.1	0.73	314	13.0	50	6910	22.0
0.25	3540	1420	380.2	0.73	310	11.4	62.5	5980	19.3
0.30	2940	1420	380.9	0.74	311	9.5	75	4970	16.0
1370转									
0.00	5800	1370	379.4	0.70	290	20.0	0	9800	33.7
0.05	5270	1370	379.8	0.70	291	18.1	12.5	8900	30.6
0.10	4750	1370	378.8	0.70	294	16.2	25	8030	27.3
0.15	4340	1370	380.2	0.70	294	14.8	37.5	7330	25.0
0.20	3680	1370	380.3	0.69	288	12.8	50	6220	21.6
0.25	3060	1370	380.4	0.69	290	10.6	62.5	5170	17.8
0.30	2490	1370	380.1	0.71	299	8.3	75	4210	14.1
1320转									
0.00	5560	1320	379.4	0.65	269	20.7	0	9400	34.9
0.05	5000	1320	380.1	0.65	270	18.5	12.5	8450	31.3
0.10	4570	1320	380.0	0.66	273	16.7	25	7720	28.2
0.15	3990	1320	379.7	0.66	272	14.7	37.5	6750	24.8
0.20	3330	1320	379.3	0.65	269	12.4	50	5630	20.9

Static Pressure							Static Pressure			
(in.H2O)	Airflow (cfm)	rpm	Volts	Amps	Watts	cfm/Watt	(Pa)	Airflow (m³/h)	(m³/h)/Watt	
0.25	2630	1320	380.4	0.66	276	9.5	62.5	4440	16.1	
1270转										
0.00	5250	1270	379.1	0.62	248	21.2	0	8870	35.8	
0.05	4750	1270	380.2	0.63	252	18.9	12.5	8030	31.9	
0.10	4220	1270	379.8	0.63	252	16.7	25	7120	28.2	
0.15	3570	1270	380.1	0.63	250	14.3	37.5	6030	24.1	
0.20	3000	1270	379.3	0.62	248	12.1	50	5070	20.4	
0.25	2120	1270	379.4	0.63	251	8.4	62.5	3580	14.2	
1220转										
0.00	5020	1220	379.4	0.59	225	22.3	0	8480	37.7	
0.05	4450	1220	380.8	0.59	229	19.5	12.5	7520	32.9	
0.10	3920	1220	380.8	0.59	229	17.1	25	6620	28.9	
0.15	3150	1220	380.7	0.58	225	14.0	37.5	5320	23.6	
0.20	2280	1220	380.3	0.59	225	10.1	50	3840	17.1	
1170转										
0.00	4600	1170	379.4	0.55	199	23.0	0	7770	38.9	
0.05	4130	1170	380.2	0.56	205	20.2	12.5	6980	34.1	
0.10	3600	1170	380.3	0.56	204	17.6	25	6080	29.8	
0.15	2720	1170	380.1	0.55	199	13.7	37.5	4600	23.1	
0.20	1950	1170	380.3	0.57	207	9.4	50	3290	15.9	
1120转										
0.00	4410	1120	379.4	0.52	184	24.0	0	7450	40.5	
0.05	3790	1120	378.8	0.52	183	20.7	12.5	6400	35.0	
0.10	3200	1120	379.2	0.52	186	17.2	25	5400	29.1	
0.15	2370	1120	380.1	0.52	184	12.9	37.5	4010	21.8	
1070转										
0.00	4130	1070	379.4	0.49	168	24.7	0	6990	41.7	
0.05	3550	1070	380.8	0.49	168	21.2	12.5	6000	35.8	
0.10	2860	1070	380.8	0.49	168	17.0	25	4830	28.8	
0.15	2050	1070	380.7	0.49	169	12.2	37.5	3470	20.6	
1020转										
0.00	3880	1020	379.4	0.45	151	25.7	0	6560	43.4	
0.05	3250	1020	380.1	0.45	150	21.7	12.5	5490	36.7	
0.10	2540	1020	380.2	0.46	155	16.4	25	4290	27.7	
0.15	1450	1020	379.7	0.46	154	9.4	37.5	2440	15.8	
970转										
0.00	3570	970	379.4	0.42	135	26.4	0	6030	44.6	
0.05	2920	970	380.8	0.42	136	21.5	12.5	4930	36.3	
0.10	2100	970	380.8	0.42	137	15.3	25	3540	25.8	
920转										
0.00	3270	920	379.4	0.39	122	26.8	0	5530	45.3	
0.05	2540	920	380.1	0.39	122	20.8	12.5	4290	35.1	
0.10	1290	920	380.3	0.40	125	10.3	25	2190	17.5	
870转										
0.00	2940	870	379.2	0.36	108	27.2	0	4980	45.9	
0.05	2100	870	380.2	0.37	114	18.4	12.5	3540	31.1	