

<b>Fan:</b>		<b>Motor:</b>		<b>Shutter:</b>	
Make-	<i>Eurusfan</i>	Make-	Eurusdrive	Material-	<i>PVC</i>
Model-	<i>VFA2-24HE-A3IMDV-CP</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>
<b>Blade:</b>		Amps-	<i>0.9</i>	<b>Guards:</b>	
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>	<b>Housing:</b>		<b>Discharge Cone:</b>	
<b>Drive Sheaves:</b>		Material-	<i>Fiberglass</i>	Depth-	<i>23"</i>
Drive dia.-	<i>Direct</i>	Intake area-	<i>30"x30"</i>	Minor dia.-	<i>26.5"</i>
Axle dia.-	<i>Drive</i>	Discharge-	<i>26"</i>	Major dia.-	<i>32.5"</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)	(m <sup>3</sup> /h)	(m <sup>3</sup> /h)/Watt	
<b>1470转</b>										
0.00	6430	1470	380.1	0.77	337	19.1	0	10870	32.3	
0.05	5940	1470	380.8	0.79	346	17.2	12.5	10040	29.1	
0.10	5460	1470	380.6	0.78	346	15.8	25	9230	26.6	
0.15	5130	1470	380.2	0.78	350	14.7	37.5	8670	24.8	
0.20	4610	1470	380.3	0.78	349	13.2	50	7790	22.3	
0.25	4090	1470	380.5	0.77	345	11.8	62.5	6910	20.0	
0.30	3680	1470	380.4	0.77	347	10.6	75	6220	17.9	
<b>1420转</b>										
0.00	6050	1420	379.4	0.73	309	19.6	0	10230	33.1	
0.05	5740	1420	380.3	0.74	319	18.0	12.5	9690	30.4	
0.10	5230	1420	381.3	0.73	320	16.4	25	8840	27.6	
0.15	4770	1420	379.5	0.73	316	15.1	37.5	8060	25.5	
0.20	4210	1420	380.1	0.73	313	13.5	50	7120	22.8	
0.25	3630	1420	380.4	0.73	309	11.8	62.5	6140	19.9	
0.30	3230	1420	380.1	0.73	308	10.5	75	5450	17.7	
<b>1370转</b>										
0.00	5860	1370	379.3	0.70	291	20.1	0	9900	34.0	
0.05	5360	1370	379.6	0.70	291	18.4	12.5	9060	31.1	
0.10	4890	1370	378.8	0.70	292	16.8	25	8270	28.3	
0.15	4460	1370	380.2	0.70	295	15.1	37.5	7530	25.5	
0.20	3870	1370	380.1	0.70	289	13.4	50	6540	22.6	
0.25	3230	1370	379.4	0.70	290	11.1	62.5	5450	18.8	
0.30	2700	1370	380.1	0.71	298	9.0	75	4550	15.3	
<b>1320转</b>										
0.00	5620	1320	379.4	0.65	269	20.9	0	9500	35.3	
0.05	5100	1320	380.1	0.65	270	18.9	12.5	8620	31.9	
0.10	4680	1320	380.2	0.66	273	17.1	25	7910	28.9	
0.15	4080	1320	379.5	0.66	272	15.0	37.5	6900	25.4	
0.20	3590	1320	379.5	0.66	270	13.3	50	6060	22.5	

Static Pressure							Static Pressure			
(in.H2O)	Airflow (cfm)	rpm	Volts	Amps	Watts	cfm/Watt	(Pa)	Airflow (m³/h)	(m³/h)/Watt	
0.25	2760	1320	380.3	0.67	276	10.0	62.5	4660	16.9	
1270转										
0.00	5310	1270	379.3	0.62	248	21.5	0	8980	36.3	
0.05	4820	1270	380.1	0.62	251	19.2	12.5	8150	32.5	
0.10	4300	1270	379.5	0.63	252	17.1	25	7260	28.8	
0.15	3670	1270	380.1	0.63	251	14.6	37.5	6200	24.7	
0.20	3230	1270	379.2	0.63	252	12.8	50	5450	21.7	
0.25	2490	1270	379.6	0.63	252	9.9	62.5	4210	16.7	
1220转										
0.00	5090	1220	379.4	0.58	225	22.6	0	8590	38.2	
0.05	4490	1220	380.5	0.59	228	19.7	12.5	7590	33.3	
0.10	4010	1220	380.3	0.59	227	17.6	25	6770	29.8	
0.15	3360	1220	380.2	0.58	225	15.0	37.5	5690	25.3	
0.20	2880	1220	380.3	0.58	225	12.8	50	4870	21.7	
1170转										
0.00	4810	1170	379.4	0.55	202	23.8	0	8130	40.2	
0.05	4170	1170	379.2	0.56	204	20.4	12.5	7050	34.6	
0.10	3650	1170	380.4	0.56	204	17.9	25	6160	30.2	
0.15	3090	1170	380.1	0.55	199	15.5	37.5	5220	26.2	
0.20	2420	1170	380.1	0.57	207	11.7	50	4090	19.8	
1120转										
0.00	4600	1120	379.6	0.53	186	24.8	0	7770	41.8	
0.05	3960	1120	378.9	0.53	185	21.4	12.5	6700	36.1	
0.10	3450	1120	379.5	0.53	188	18.4	25	5840	31.0	
0.15	2790	1120	380.1	0.53	186	15.0	37.5	4710	25.3	
1070转										
0.00	4290	1070	379.4	0.49	169	25.5	0	7260	43.0	
0.05	3650	1070	380.8	0.49	168	21.7	12.5	6160	36.7	
0.10	3030	1070	380.8	0.49	170	17.9	25	5120	30.2	
0.15	2370	1070	380.7	0.49	170	13.9	37.5	4010	23.5	
1020转										
0.00	4050	1020	379.4	0.45	151	26.8	0	6850	45.3	
0.05	3400	1020	380.1	0.45	150	22.7	12.5	5750	38.4	
0.10	2730	1020	380.2	0.46	155	17.7	25	4620	29.9	
0.15	2050	1020	379.7	0.46	155	13.2	37.5	3470	22.3	
970转										
0.00	3700	970	379.4	0.42	135	27.4	0	6260	46.4	
0.05	3090	970	380.8	0.42	136	22.7	12.5	5220	38.4	
0.10	2470	970	380.8	0.42	137	18.0	25	4170	30.4	
920转										
0.00	3570	920	379.3	0.39	123	28.9	0	6030	48.8	
0.05	2670	920	380.5	0.40	124	21.5	12.5	4510	36.4	
0.10	2100	920	380.3	0.40	128	16.4	25	3540	27.7	
870转										
0.00	3270	870	379.7	0.36	110	29.8	0	5530	50.4	
0.05	2470	870	380.6	0.37	115	21.4	12.5	4170	36.2	