Everwind Excellence Co., Limited

TEST REPORT

SCOPE OF WORK
ENERGY EFFICIENCY TESTING - CEILING FAN WITH LIGHT KIT- [See Page 2 “Model(s)"]

REPORT NUMBER
260729036GZS-006

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Testing Laboratory:	Intertek Testing Services Shenzhen Ltd. Guangzhou Branch
Address:	Room 101 & 102, 1st Floor; Room 201, 2nd Floor, Building C6, Bay Area No.1 New Energy Industrial Park, Xinyu Road No.1, Wusha Community, Daliang Street, Shunde District, Foshan City, Guangdong Province, China
Applicant/Manufacturer:	Everwind Excellence Co., Limited
Address:	RM 701 UNIT 127, 7/F TOWER B NEW MANDARIN PLAZA14 SCIENCE MUSEUM RD TSIM SHA TSUI HONG KONG
Manufacturing site:	Foshan Hengyue He Feng Lighting Technology Co., Ltd.
Address:	NO.6, Xiang'an North Road, Building A,Jun'an Community,Jun'an Town,Shunde District, FOSHAN CITY,Guangdong Province, P.R.China
Testing Location:	Same as the Testing Laboratory
Address:	Same as the Testing Laboratory's Address
Product:	Ceiling Fan with Light Kit
Brand Name:	Greenever
Description:	The product covered by this report is a household, indoor use, fix connected ceiling fan.
Model(s):	CFL-0022,CFL-0022-XXXX
Model Similarity:	All models are identical except for the specific model name and colors. X can represent A~Z, 0~9 or blank.
Ratings:	120V 60Hz
Date of receipt of sample(s):	29-Jul-2026
Date Range of Test:	10-Oct-2026
Test standard(s) or criteria(s):	10 CFR 430, Appendix U to subpart B Uniform Test Method for Measuring the Energy Consumption of Ceiling Fans California Code of Regulations, Title 20, Division 2, Chapter 4, Article 4, Sections 1601-1609: Appliance Efficiency Regulations
Conclusion:	The product tested complies with the Energy Efficiency Standard of DOE&CEC, starting on January 21, 2020.

Prepared by:	Nora Tan	Approved by:	Taylor Cai
Title:	Engineer	Title:	Sr. Project Engineer
Signature:	Nora Tan	Signature:	Taylor Cai

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Photos:

Photo 1 - Overall view



Product Details

Item	Data
Model number of Unit Under Tested	CFL-0022
Serial number	NA
Condition of sample(s)	Prototype
Product Type	Ceiling Fan with Light Kit
Product Class	Standard
Fan Size [in]	52
Number of fan speeds	6
Type of Fan Speed Control	Remote control
Fan speed controls separate from lighting controls?	Yes
The capability of reversible fan action?	Yes
Airflow direction	Reversible
Thickness of edges of blades [mm]	5.65
Thickness of edges of blades [inch]	0.22
Maximum distance between lowest point on the fan blades and the ceiling [inch]	17.50
Minimum distance between lowest point on the fan blades and the ceiling [inch]	17.50
Maximum Tip speed threshold [m/s]	14.23
Maximum Tip speed threshold [fpm]	2801

Critical Components

Name	Manufacturer / trademark	Type / model	Technical data
Fan motor	Foshan Hengyue He Feng Lighting Technology Co.,Ltd.	153*10	DC24V, Class A

NOTE
"Various" means any type, from any manufacturer that complies with the "Technical data and securement means" can be used.

Sample 1, Air Delivery Test at Low Speed - First Set

Item	*Unit*	Value	Item	*Unit*	Value
Barometric pressure	*hPa*	965	Voltage	*V*	120.3
Room temperature	*°F*	69.4	Frequency	*Hz*	60
Relative humidity	*%*	50.6	Current	*A*	0.08
Rotate speed	*RPM*	83	Power	*W*	2.59

Sensor #	Velocity in FPM - Axis #				Average Vel. [FPM]	Circle area [sq. Ft.]	Airflow [CFM]
	A	B	C	D			
1	133.96	134.42	131.36	131.77	132.88	0.0873	11.60
2	137.51	136.78	135.17	127.03	134.12	0.6981	93.64
3	163.90	163.60	159.54	152.80	159.96	1.3963	223.35
4	169.84	169.79	169.39	160.89	167.48	2.0944	350.76
5	160.48	163.09	169.83	167.26	165.17	2.7925	461.23
6	110.90	117.22	121.78	130.51	120.10	3.4907	419.24
7	70.17	72.01	73.45	81.52	74.29	4.1888	311.18
8	52.38	49.92	55.74	54.98	53.25	4.8869	260.24
9							
10							
11							
12							
						Total airflow [CFM]:	2131.24

Sample 1, Air Delivery Test at Low Speed - Second Set

Item	*Unit*	Value	Item	*Unit*	Value
Barometric pressure	*hPa*	965	Voltage	*V*	120.3
Room temperature	*°F*	71.4	Frequency	*Hz*	60
Relative humidity	*%*	47.8	Current	*A*	0.08
Rotate speed	*RPM*	83	Power	*W*	2.59

Sensor #	Velocity in FPM - Axis #				Average Vel. [FPM]	Circle area [sq. Ft.]	Airflow [CFM]
	A	B	C	D			
1	131.29	133.32	128.45	137.29	132.59	0.0873	11.57
2	133.16	139.72	129.27	132.85	133.75	0.6981	93.37
3	159.37	165.79	154.57	152.47	158.05	1.3963	220.68
4	172.73	172.24	161.90	162.62	167.38	2.0944	350.55
5	159.64	166.35	173.84	171.51	167.84	2.7925	468.69
6	106.57	113.54	140.79	131.31	123.05	3.4907	429.54
7	67.57	63.48	87.88	74.68	73.40	4.1888	307.47
8	49.29	43.99	60.23	54.18	51.92	4.8869	253.73
9							
10							
11							
12							
						Total airflow [CFM]:	2135.61

Sample 1, Air Delivery Test at High Speed - First Set

Item	*Unit*	Value	Item	*Unit*	Value
Barometric pressure	*hPa*	965	Voltage	*V*	120.1
Room temperature	*°F*	68.5	Frequency	*Hz*	60
Relative humidity	*%*	50.9	Current	*A*	0.47
Rotate speed	*RPM*	208	Power	*W*	29.63

Sensor #	Velocity in FPM - Axis #				Average Vel. [FPM]	Circle area [sq. Ft.]	Airflow [CFM]
	A	B	C	D			
1	345.59	325.46	326.36	334.95	333.09	0.0873	29.07
2	346.84	343.85	324.24	342.57	339.37	0.6981	236.93
3	402.62	399.43	371.65	392.05	391.44	1.3963	546.55
4	430.34	427.94	401.97	421.92	420.54	2.0944	880.78
5	414.66	426.02	435.59	430.69	426.74	2.7925	1191.68
6	293.80	311.77	379.61	331.52	329.18	3.4907	1149.04
7	174.56	183.24	268.20	203.77	207.44	4.1888	868.93
8	132.15	123.48	175.20	135.26	141.52	4.8869	691.60
9							
10							
11							
12							
						Total airflow [CFM]:	5594.57

Sample 1, Air Delivery Test at High Speed - Second Set

Item	*Unit*	Value	Item	*Unit*	Value
Barometric pressure	*hPa*	965	Voltage	*V*	120.1
Room temperature	*°F*	72.7	Frequency	*Hz*	60
Relative humidity	*%*	46.0	Current	*A*	0.46
Rotate speed	*RPM*	208	Power	*W*	29.77

Sensor #	Velocity in FPM - Axis #				Average Vel. [FPM]	Circle area [sq. Ft.]	Airflow [CFM]
	A	B	C	D			
1	340.95	324.38	329.54	339.57	333.61	0.0873	29.11
2	348.82	346.91	331.73	350.90	344.59	0.6981	240.57
3	403.45	406.82	385.22	402.75	399.56	1.3963	557.89
4	434.79	439.99	415.73	429.02	429.88	2.0944	900.35
5	431.85	425.61	448.37	435.83	435.41	2.7925	1215.91
6	297.40	305.56	367.50	329.50	324.99	3.4907	1134.43
7	173.92	182.51	252.61	200.30	202.34	4.1888	847.54
8	125.79	128.47	168.33	136.02	139.65	4.8869	682.46
9							
10							
11							
12							
						Total airflow [CFM]:	5608.27

Sample 2, Air Delivery Test at Low Speed - First Set

Item	*Unit*	Value	Item	*Unit*	Value
Barometric pressure	*hPa*	966	Voltage	*V*	120.3
Room temperature	*°F*	70.0	Frequency	*Hz*	60
Relative humidity	*%*	49.0	Current	*A*	0.08
Rotate speed	*RPM*	74	Power	*W*	2.56

Sensor #	Velocity in FPM - Axis #				Average Vel. [FPM]	Circle area [sq. Ft.]	Airflow [CFM]
	A	B	C	D			
1	117.01	123.44	119.98	118.20	119.66	0.0873	10.44
2	121.82	118.04	118.55	121.42	119.96	0.6981	83.75
3	148.39	137.77	138.40	139.17	140.93	1.3963	196.78
4	153.62	150.78	148.06	146.25	149.68	2.0944	313.48
5	140.84	150.52	155.31	152.69	149.84	2.7925	418.43
6	92.50	100.42	120.56	108.63	105.53	3.4907	368.36
7	56.63	56.52	76.28	69.17	64.65	4.1888	270.80
8	42.07	36.38	50.67	49.02	44.53	4.8869	217.63
9							
10							
11							
12							
						Total airflow [CFM]:	1879.67

Sample 2, Air Delivery Test at Low Speed - Second Set

Item	*Unit*	Value	Item	*Unit*	Value
Barometric pressure	*hPa*	965	Voltage	*V*	120.3
Room temperature	*°F*	68.8	Frequency	*Hz*	60
Relative humidity	*%*	50.5	Current	*A*	0.08
Rotate speed	*RPM*	74	Power	*W*	2.56

Sensor #	Velocity in FPM - Axis #				Average Vel. [FPM]	Circle area [sq. Ft.]	Airflow [CFM]
	A	B	C	D			
1	123.30	122.82	121.40	120.35	121.97	0.0873	10.64
2	128.50	123.29	117.50	117.37	121.67	0.6981	84.94
3	151.09	142.03	138.05	133.02	141.05	1.3963	196.94
4	154.37	148.49	149.90	142.75	148.88	2.0944	311.81
5	128.35	143.79	153.02	153.27	144.61	2.7925	403.82
6	79.20	96.29	108.31	118.39	100.55	3.4907	350.98
7	54.15	58.59	64.76	73.57	62.77	4.1888	262.92
8	42.24	42.64	42.63	48.23	43.94	4.8869	214.71
9							
10							
11							
12							
						Total airflow [CFM]:	1836.77

Sample 2, Air Delivery Test at High Speed - First Set

Item	*Unit*	Value	Item	*Unit*	Value
Barometric pressure	*hPa*	966	Voltage	*V*	120.1
Room temperature	*°F*	72.2	Frequency	*Hz*	60
Relative humidity	*%*	47.0	Current	*A*	0.46
Rotate speed	*RPM*	204	Power	*W*	29.66

Sensor #	Velocity in FPM - Axis #				Average Vel. [FPM]	Circle area [sq. Ft.]	Airflow [CFM]
	A	B	C	D			
1	326.42	313.18	331.78	319.03	322.60	0.0873	28.15
2	340.90	328.02	329.72	333.24	332.97	0.6981	232.46
3	393.68	387.49	371.49	390.08	385.68	1.3963	538.52
4	432.27	423.52	399.62	421.26	419.17	2.0944	877.90
5	410.05	423.16	432.31	422.29	421.95	2.7925	1178.32
6	288.00	301.56	361.61	301.99	313.29	3.4907	1093.59
7	177.96	172.84	240.13	190.51	195.36	4.1888	818.32
8	126.94	111.20	161.93	134.04	133.53	4.8869	652.53
9							
10							
11							
12							
						Total airflow [CFM]:	5419.79

Sample 2, Air Delivery Test at High Speed - Second Set

Item	*Unit*	Value	Item	*Unit*	Value
Barometric pressure	*hPa*	966	Voltage	*V*	120.1
Room temperature	*°F*	71.4	Frequency	*Hz*	60
Relative humidity	*%*	47.9	Current	*A*	0.46
Rotate speed	*RPM*	204	Power	*W*	29.74

Sensor #	Velocity in FPM - Axis #				Average Vel. [FPM]	Circle area [sq. Ft.]	Airflow [CFM]
	A	B	C	D			
1	336.76	333.84	330.58	307.12	327.07	0.0873	28.54
2	347.90	341.36	326.99	323.51	334.94	0.6981	233.83
3	395.13	390.22	371.96	385.18	385.62	1.3963	538.43
4	422.83	420.36	407.28	423.44	418.48	2.0944	876.46
5	407.70	409.54	440.73	416.13	418.52	2.7925	1168.74
6	302.23	289.39	359.16	294.21	311.25	3.4907	1086.46
7	185.82	172.65	242.46	171.23	193.04	4.1888	808.61
8	131.70	113.04	160.73	120.88	131.59	4.8869	643.06
9							
10							
11							
12							
						Total airflow [CFM]:	5384.13

Standby power

Item	*Unit*	Sample 1	Sample 2
Applied voltage	*V*	120	120
Frequency	*Hz*	60	60
Total harmonic content	*%*	1.03	1.03
Accumulated energy	*mWh*	77	77
Period of measurement	*min*	10	10
Standby or off mode power	*W*	0.46	0.46

Conclusion

Item	Airflow [CFM]		Power [W]		Standby [W]	Efficiency [CFM/W]
	Low	High	Low	High		
Sample 1	2133.43	5601.42	2.59	29.70	0.46	217.79
Sample 2	1858.22	5401.96	2.56	29.70	0.46	205.05
Number of samples	2	2	2	2	2	2
Mean	1995.82	5501.69	2.57	29.70	0.46	211.42
Standard deviation	194.60	141.04	0.02	0.00	0.00	9.01
$LCL_{0.90}$/0.9 for Airflow and Efficiency	1746.98	5771.92	N/A	N/A	N/A	213.13
$UCL_{0.95}$/1.1 for Power	N/A	N/A	2.41	27.00	0.42	N/A
Declarable value	1747	5502	2.6	29.7	0.46	211.42
Minimum Efficiency on and after January 21, 2020						71.83
Verdict						Pass

FTC EnergyGuide

Item	*Unit*	Standard	Hugger
Airflow (weighted-average)	*CFM*	3742	N/A
Energy Use	*W*	18	N/A
Airflow Efficiency	*CFM/W*	205	N/A
Estimated Yearly Energy Cost	*$*	5	N/A

Revision Summary

Date/ Proj # Site ID	Project Handler/ Reviewer	Item	Description of Change
			None