



WEILI-FAN Enterprise Co. Ltd.

ENERGY SAVING FAN

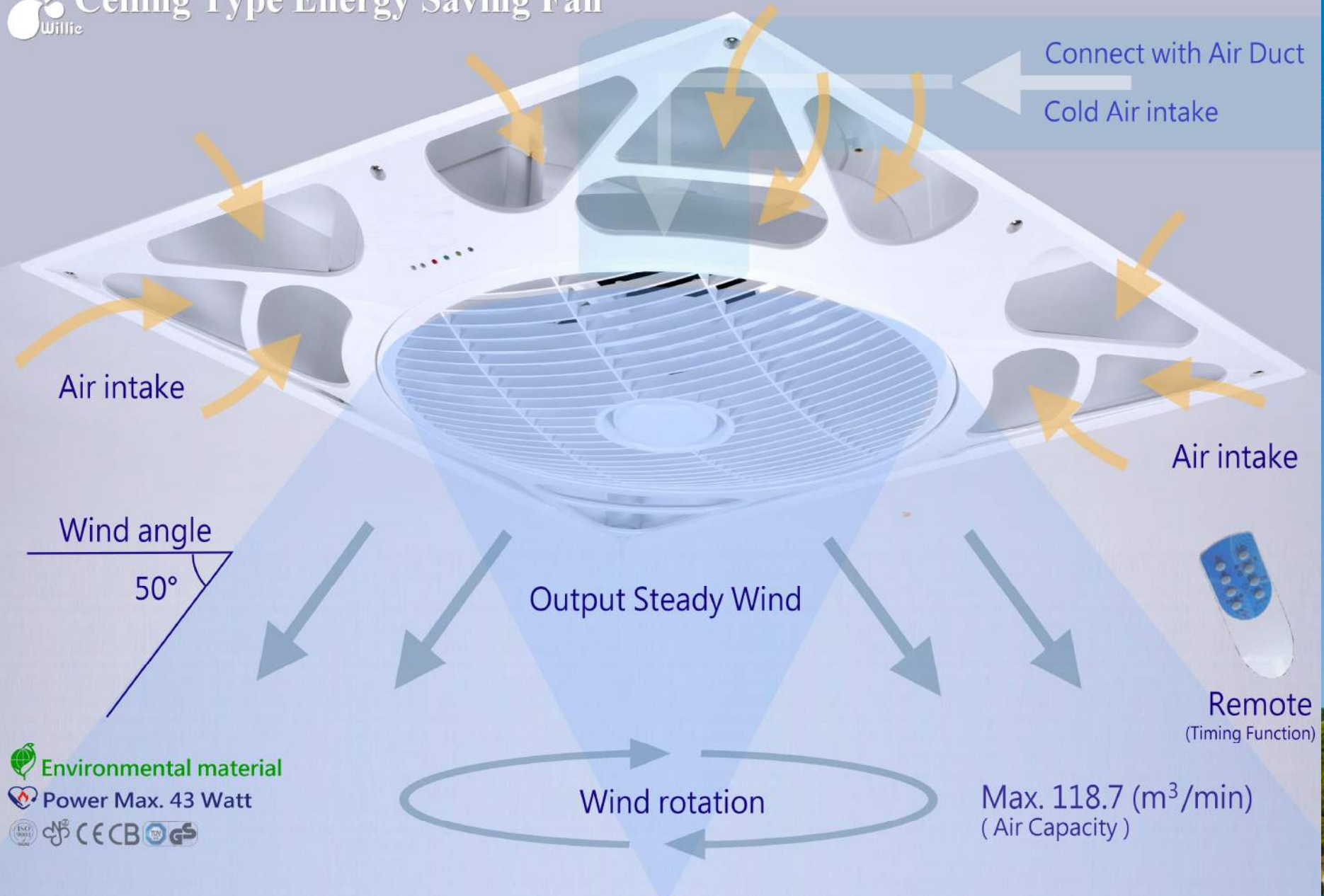
Improve Efficiency, Energy Saving
and New Way for Ceiling Fans



威利事業有限公司



Ceiling Type Energy Saving Fan



Weili-Fan Enterprise Co., Ltd.



Effect of Energy Savings ^{-1/3}

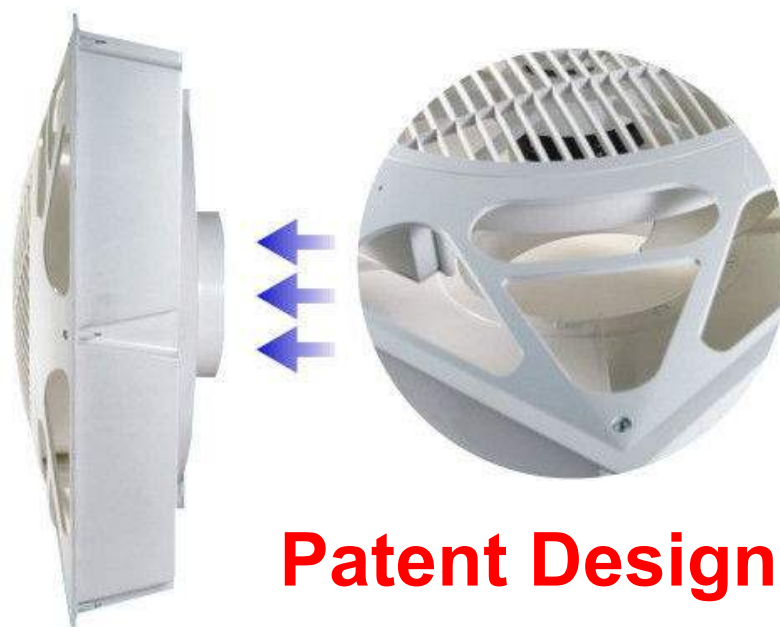
- Willie energy saving fan, top speed is only about 40W power consumption
- General market 12 ".14" fan power consumption at least 75 ~ 80W, and share floor space collection is not easy.





Effect of Energy Savings ^{-2/3}

- Willie energy saving fan can be used with air duct (Patent)
- Increase indoor comfort, improve cold room effect.



Patent Design



Effect of Energy Savings ^{-3/3}

- Willie energy saving fan with High energy efficiency
- Air current (intake & output) will not interfere with each other.

	Brand							
	Willie	G	S	A	W	H	C	W
Blade (mm)	35	30	33.1	35	35	40	40	40
Air flow (m3/min)	118.7	44.95	63.7	82.64	72.92	83.4	81.37	82.32
Energy Efficiency (m3/min/w)	2.93	1.31	1.42	1.89	1.78	1.52	1.7	2.01
Made in Taiwan	YES	-	-	-	YES	-	-	YES
CNS Certificate	YES	-	-	-	-	-	-	-
Green Certificate	YES	-	-	-	-	-	-	YES
Energy Saving Certificate	YES	-	-	-	-	-	-	-
Timing function	YES	YES	YES	-	-	-	-	-



Energy efficiency standards

1.29(m³/min/W)

Measured energy efficiency

2.93(m³/min/W)

More than double

Measured amount of wind

118.7 m³/min

BEST

Power consumption

40.5W

Saving nearly 50%



財團法人台灣電子檢驗中心 產品安全實驗室

Electronics Testing Center, Taiwan Product safety Testing Laboratory

地址:33383 桃園縣龜山鄉華善村文明路 29 巷 8 號

TEL:03-3280026

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http://www.etc.org.tw



Testing Laboratory
2624

測試報告

報告編號 12-09-VAA-018-1

測試結果：測試型號 WL-15WV1

風速	V ₁	V ₂	V ₃	V ₄	V ₅	V ₆	V ₇	V ₈	V ₉	V ₁₀	V ₁₁	V ₁₂	V ₁₃	V ₁₄
m/min	117.0	113.7	120.0	94.2	76.8	66.6	35.7	11.7	---	---	---	---	---	---
面積	K ₁	K ₂	K ₃	K ₄	K ₅	K ₆	K ₇	K ₈	K ₉	K ₁₀	K ₁₁	K ₁₂	K ₁₃	K ₁₄
m ²	0.0314	0.0942	0.157	0.220	0.283	0.346	0.408	0.471	---	---	---	---	---	---
風量	Q ₁	Q ₂	Q ₃	Q ₄	Q ₅	Q ₆	Q ₇	Q ₈	Q ₉	Q ₁₀	Q ₁₁	Q ₁₂	Q ₁₃	Q ₁₄
m ³ /min	3.7	10.7	18.8	20.7	21.7	23.0	14.6	5.5	---	---	---	---	---	---

總風量 Q: 118.7 m³/min

量測功率: 40.5 W

產品之能源效率標準計算

種類	實測規格 (公分)	能源效率標準 (m ³ /min/W)	實測能源效率 (m ³ /min/W)	判定
箱型電扇	33	1.29	2.93	符合

依據吊電扇節能標章能源效率基準測試，並依據箱型電扇節能標章能源效率基準判定

測試者: _____





Improve indoor air circulation effect

※The indoor floor space :

Willie fan before installation, only the air-conditioning, the room temperature reaches the set goals, the need to operate for 15-20 minutes.

After installing Willie fan, with the air-conditioning, the room temperature reaches the set objectives, it can saving half the time.

The temperature is evenly spread to every corner of the indoor and enhance interior space comfort.



Installation Examples

【T-bar Ceiling 60x60cm】



With air duct



【Ceiling Fixed】





威利節能通風扇WL-35WV1



威利節能通風扇WL-15WV1



威利節能通風扇WL-55WV1



威利負離子風扇WL-CL-111



威利通風扇EF11W



威利通風扇EF33W



台灣專利M377486



日本專利1431170



中國專利ZL200920004746.4



經濟部 節能標章



環保署 環保標章



ISO 9001國際品質保證



100%台灣製造MIT微笑標章

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Characteristics

1. T-bar energy-saving fans have 3 speeds: strong, medium and weak.
2. Ultra thin design: the height is only 7 cm away from ceiling. Oscillating middle fans is turnable.
3. Diameter is 14".
4. Back is sealed to isolate from ceiling. Will not absorb falling dust.
5. 110V/220V available. Less than 52W during motor functioning. 30~40% power saved than normal fans.
6. Infrared wireless remote control is available, CE certified wiring and connector.
7. We use Double ball bearing motors.
8. ABS anti-static material for shell.
9. Can be connected to air conditioning ductings.
10. Easily installed with the extra panel.
11. Oscillating blade cover to increase coverage. The higher the fan, the more coverage.
12. One year warranty.

Parts name		Energy-saving Fan					
Model No.		WL-15WV1	WL-25WV1	WL-35WV1	WL-45WV1	WL-55WV1	WL-65WV1
Design		Sealed type		Air ducts type		Attracts goes against type	
Voltage		110V/60Hz	220V/60Hz	110V/60Hz	220V/60Hz	110V/60Hz	220V/60Hz
Dimension Specifications		Metric System :		Metric System :		Metric System :	
		598×598×200mm		598×598×200mm		598×598×200mm	
		British Inch :		British Inch :		British Inch :	
		2×2×0.66(feet)		2×2×0.66(feet)		2×2×0.66(feet)	
Inner edge size		Metric System:		Metric System:		Metric System:	
(No Frame)		575×575×200mm		575×575×400mm		575×575×200mm	
Inner edge size		Metric System:		Metric System:		Metric System:	
(Frame included)		615×615×200mm		615×615×400mm		615×615×200mm	
Remote control farthest control distance		12m		12m		12m	
Ceiling embedded height		13cm		13cm		no	
Exposed height		7cm		7cm		20cm	
Outlet Dia.(inch)		16"		16"		16"	
Fan Blade OD(inch)		14"±5%		14"±5%		14"±5%	
Back round hole size(inch)		no		10"±5%		no	
External duct air hose size		no		8"±5%		no	
External duct air hose height		no		1.5"		no	
Applicable space		10-13 m ²		10-13 m ²		10-13 m ²	
Amount of wind(m3/ min)	Strong	118.7	114.8	105	94.9	118.1	110.5
Power Consumpti on	Strong	41W	50Hz/33W	41W	50Hz/33W	41W	50Hz/33W
			60Hz/40W		60Hz/40W		60Hz/40W
Energy efficiency(m3/mim.W)		2.93	2.97	2.56	2.41	2.91	2.87
Weight		5 Kg		5 Kg		5 Kg	



The fan is not only the fan

Added value

① Sterilize air

② Decrease air odor

Nano Photocatalyst
Ceiling Fan

③ Air freshness

④ Air cleanly

Anion
Ceiling Fan

Ceiling Type
of
Air Cleaner
System

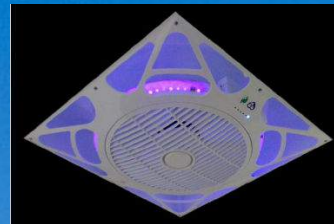
⑤ Air purify, Dust removal

⑥ illumination

Fan with LED light



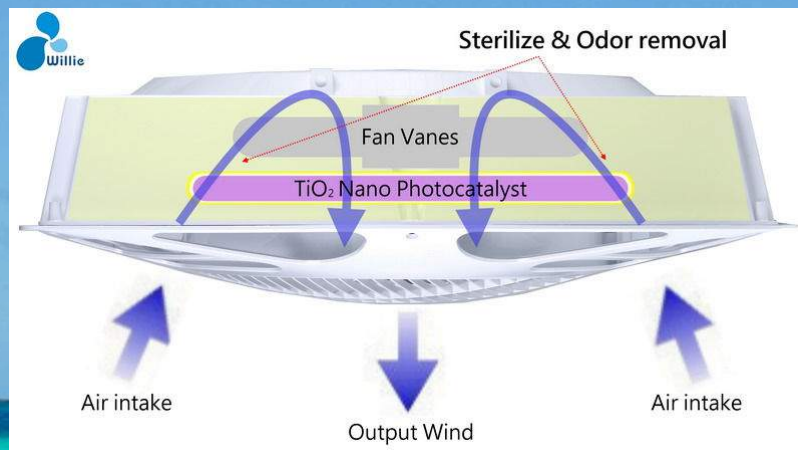
Nano Photocatalyst(TiO₂) Ceiling Fan - Sterilize Air



Nano Photocatalyst(TiO₂) :

Light-related catalyst, chemical conversion that uses light conversion to chemical action. For this application, TiO₂ is used as the catalyst agent. TiO₂ itself is a catalyst with very strong oxidizing capabilities and high stability. As a photocatalyst, TiO₂ has a strong decomposing capability that is more powerful in degrading substances and safer than water treatment chlorine gas, reactive oxygen and ozone.

TiO₂ absorbs ultraviolet light from sunlight or lighting. It then produces something similar to photosynthesis in plants (called the photocatalyst effect). Its powerful oxidation action can easily degrade bacteria (effectively eliminates: E. coli, staphylococcus, and Paeruginosa and limit the transmission of pathogens such as enter virus, flu viruses and other filterable viruses) and act as a deodorizer (smoke, fish, toilet and pet odors, bacteria thoroughly eliminated with a sterilization rate of 99.97%. Testing done by a Japan's Ministry of Welfare (equivalent to our Bureau of Health) designated laboratory has certified its effectiveness. In Japan, TiO₂ already has a broad range of applications and the products that make use of the developed photocatalysts are now very commonplace.



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Willie Anion Energy Saving Fans

1. **Environmentally friendly** : Refreshing the air around. Increase immune system.
2. **Air freshness** : Revitalizing, increase alkaline cells in blood.
3. **Air cleanly** : Reduce airborne bacteria and others that cause allergy.
4. **Guard your environment** : Increase negative ions in air and keep you from disease.
5. **Spiritual enhancer** : Increase vitality and get you more focused on your works.

Negative ions or known as Air Vitamins, is the fresh oxygen particles commonly found near waterfalls, brooks and fountain after photosynthesis.



SGS certified to contain >1236,000(ions/cc)



Affect on human bodies.	
100,000~500,000 ions/cc	Perform natural healing
50,000~100,000 ions/cc	Kills bacteria, reduce odor and anti-toxic functions.

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T-bar Ceiling Type of Air Cleaner System

1. Light-Steel frame type
2. Ultra high purity air circulation rate no dead ends
3. High rate of air circulation, Clean location Hassle, Increase in living space
4. Photocatalyst, UV light, electrostatic precipitators, activated carbon, ion purification such as multiple security
5. Air pollution can be removed, for example: cigarettes, dust, bacteria, Copier Toner, pollen, allergies and numerous other pathogens

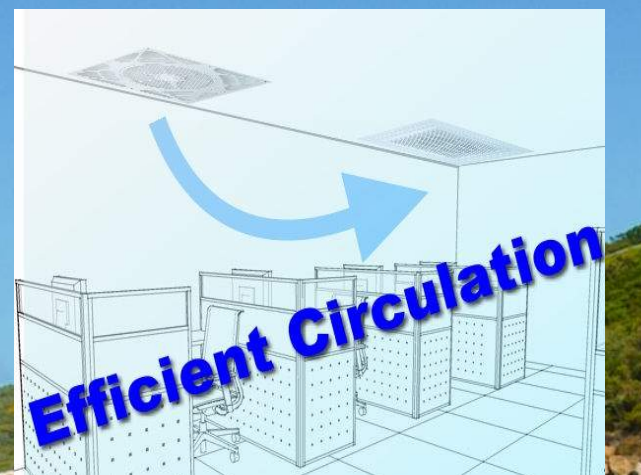
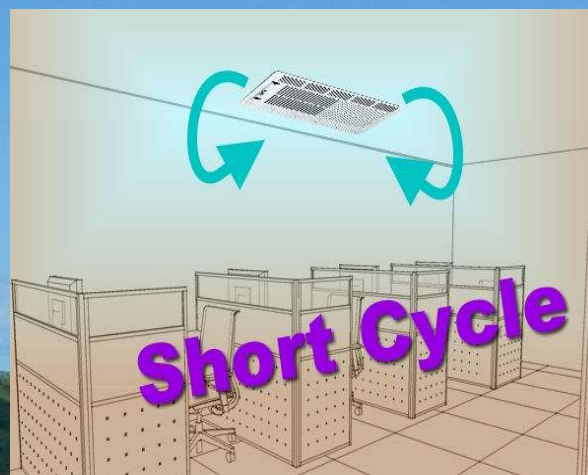
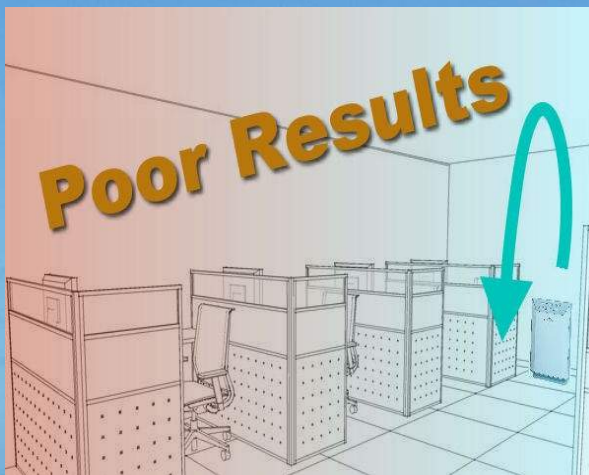
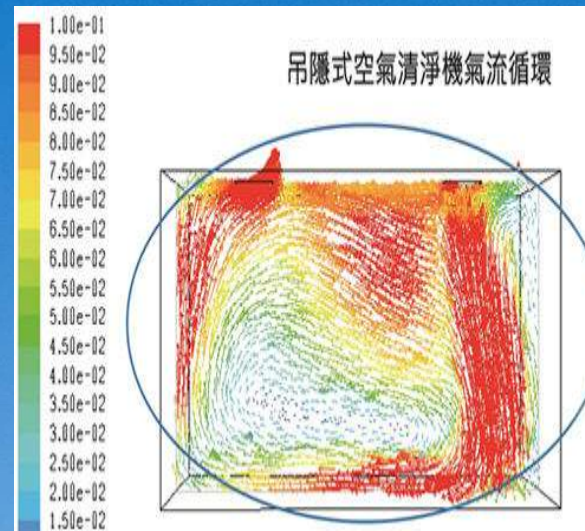
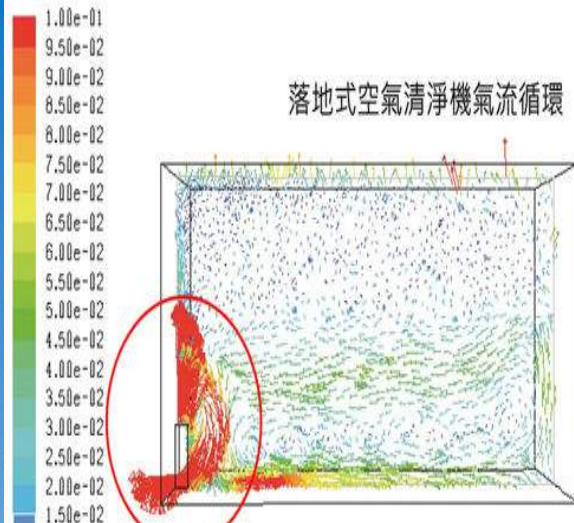
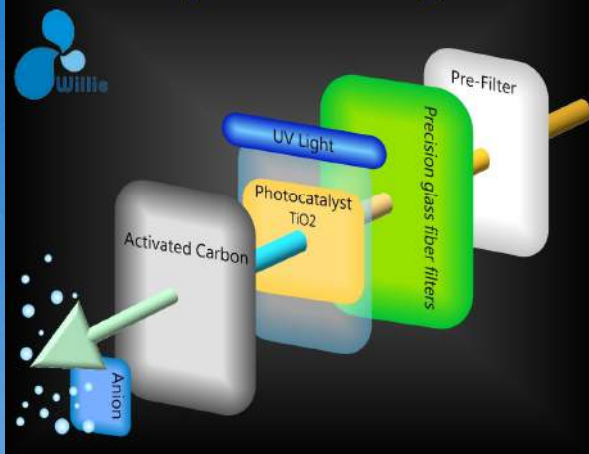


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Ceiling Type of Air Cleaner System

Cleaner System Filtering Process





Willie energy saving fan with LED



There will be no flashing light interference under ceiling fans.

*Five kinds of light mode.



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Thank You for your interest

Hope we can cooperate in near future

感謝

thank
you!

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