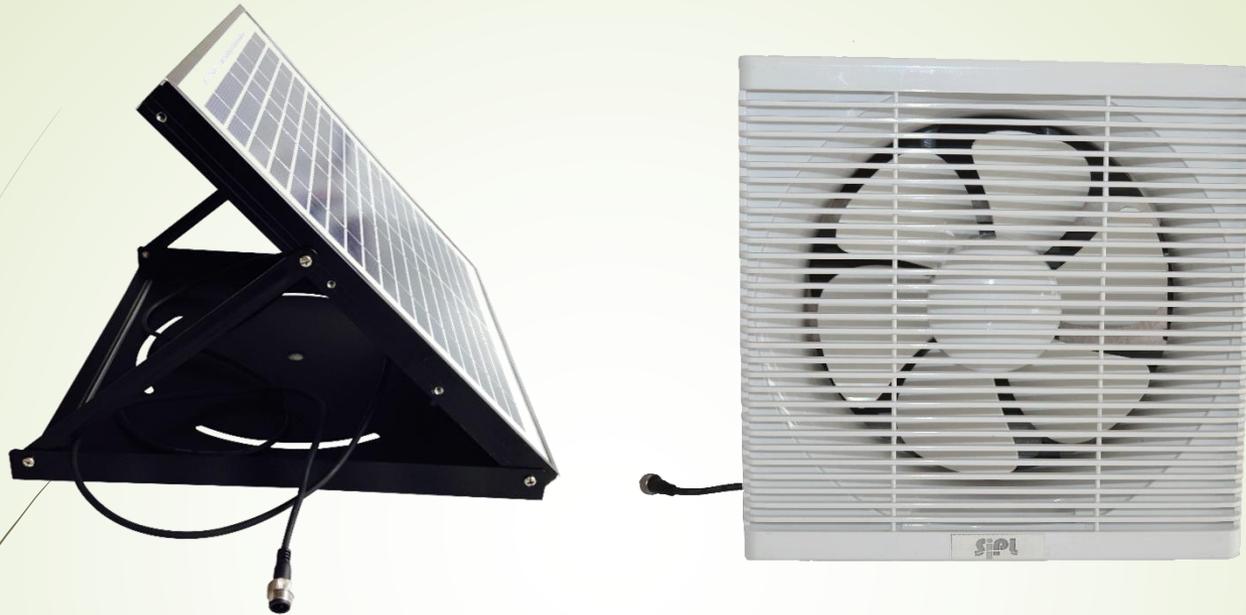


Solar Powered Louvered Wall Exhaust Fan

1



- * Strengthen air circulation
- * Remove heat, moisture, dust & Deduct harmful mildews
- * Solar powered, environmental friendly
- * Once Pay, Benefit Long
- * Can add AC/DC Power Adapter to fulfill solar products working 24 hours nonstop; or add Battery to support the solar fans running day & night nonstop

FOR A BETTER SPACE

Serves Well Everywhere and Suits All Kinds of Building Installation!

Enjoy the Gracious Solar Energy to Let Your Space Breath Freely at Any Time!



Multi-Purpose Applications

2

* Home * Office * Hotel * Restaurant * Conference Center * Anywhere...



- * Connect with Solar Panel for energy supply, so 0 electricity cost
- * Front side includes a mesh cover to protect fan blades
- * Back side carries a shutter to prevent outside rains / insects
- * No need to bother about wire connection
- * Flat embedded into wall / window, won't affect beauty



Quietness, Efficiency
& Comfortability



Super Strong Suction!



Some Product Details:

3

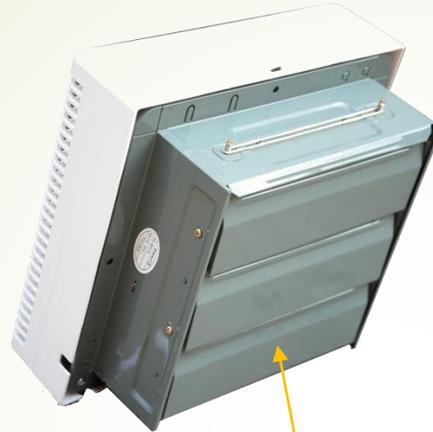
ABS Grid-Mesh

High elegance with full protection



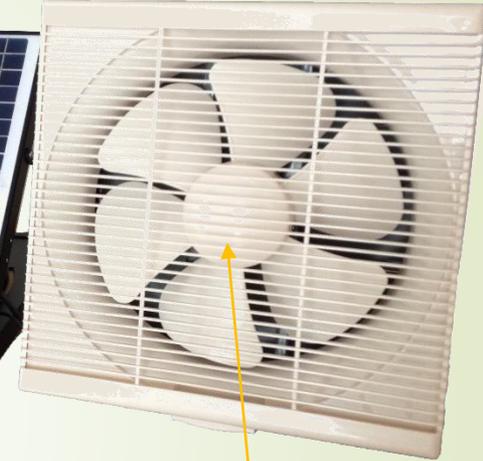
Polycrystalline Solar Panel

Natural solar energy, green & F.O.C.
(can add battery / power adapter for backup)



Metal Shutter Body

Powder coated for more durable

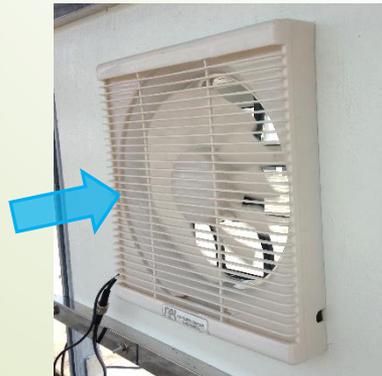


Brushless DC Motor

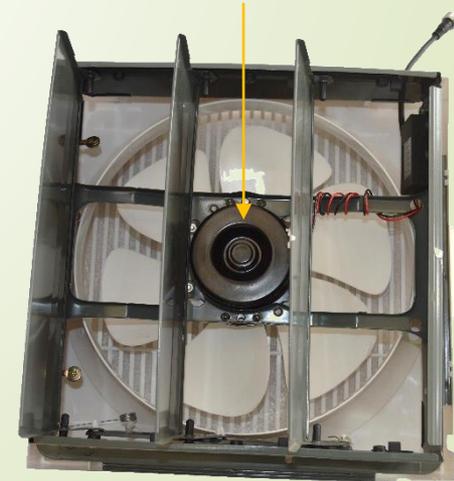
long time lifespan, high energy efficiency



indoor



outdoor

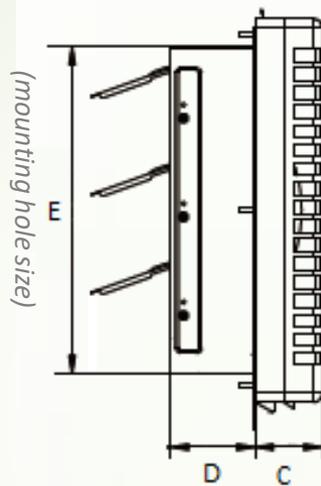
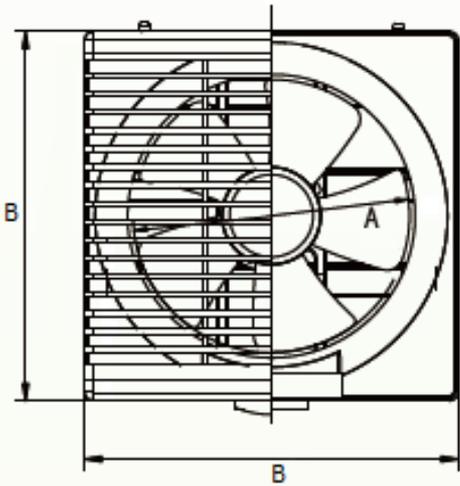


Fan Structure:

4

Small Volume of Scientific Structure

take smells / smokes out & no outside rains / insects in



Option #	A (MM)	B (MM)	C (MM)	D (MM)	E (MM)	Mounting Hole (MM)
8"	200	296	57	67	240	250*250
10"	250	342	60	74	290	300*300
12"	300	390	60	85	340	350*350

only 1 cable, when just solar panel to power the fan

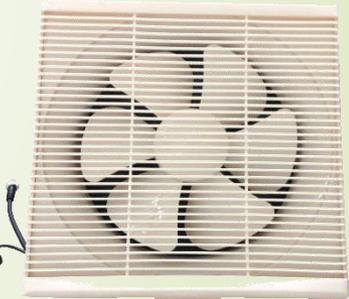
(still only 1 cable even when it's solar panel + battery to power the fan for day & night nonstop)



1 extra cable, if product has solar panel + power adapter to serve as energy supplies

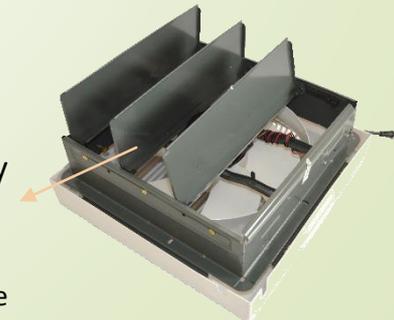


this cable to connect Power Adapter



Shutter opens / closes automatically when the fan runs / stops

this structure can prevent outside rains / insects going inside the house



Solar Panel Structure:

5

Tilting & Angle Adjustable Design
can Carry Battery to Store Energy for Night Use



solar panel angle
0° 15° 30° 45° adjustable

Option #	L (MM)	W (MM)	H (MM)	Battery	Function
17 W	365	365	25	/	for fan works in sunny day time
20 W	365	410	25	/	for fan works in sunny day time
30 W	495	415	25	/	for fan works in sunny day time
50 W (20 w + 30 w)	655	495	25	9.6Ah	20W for fan works in sunny day time, 30W to charge battery & battery backups fan nonstop in sunless periods
60 W (30 w + 30 w)	782	495	30	9.6Ah	30W for fan works in sunny day time, another 30W to charge battery & battery backups fan nonstop in sunless periods

Lithium Storage Battery,
attached at the back side of solar panel



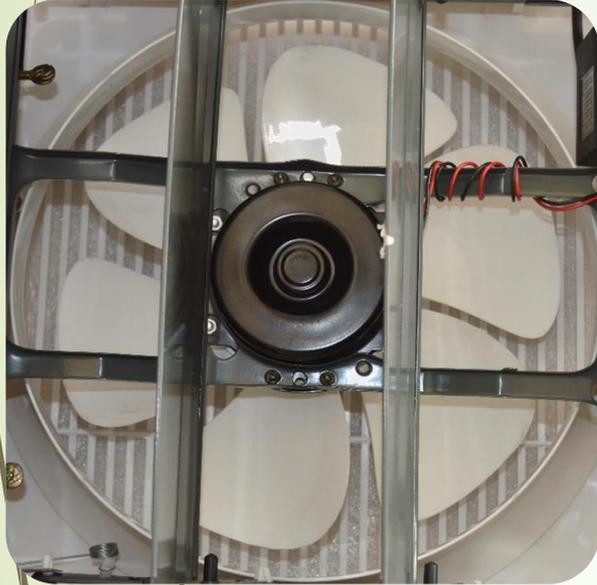
To take place of Battery, you may use AC/DC Power Adapter to serve as energy backup for night use

Motor Specifications:

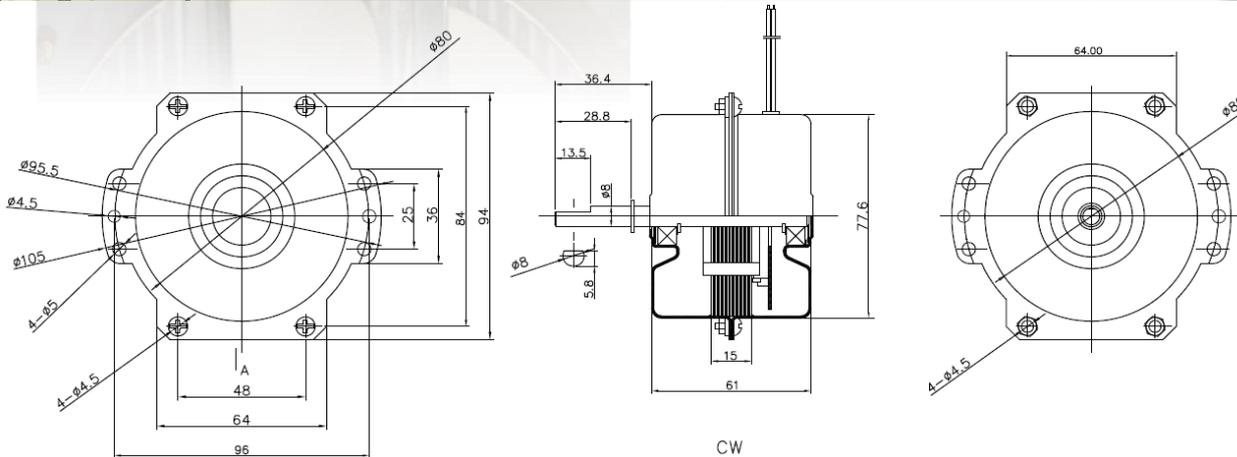
6

Brushless DC Motor

High Energy Efficiency, with Long Time Lifespan



Description	Specification
Voltage	18V DC (variable 6-21V per solar panel input)
Power	no higher than 40W
Diameter	78mm
Motor Speed	30-1750RPM per solar panel input
Waterproof Treatment	IP63
Sound	super quiet (below 45dB)



Model Selections:

7

Green Solar Energy Powered, Cost-Effective, Environmental-Friendly...

Model #	Solar Panel	Mesh Cover	Mounting Hole	Air Flow	Work Time	Power Source	Backup Energy
SN2015007	17W / 18V	8"	250*250mm	280CFM	sunny hours	solar panel	/
SN2015008	20W / 18V	10"	300*300mm	380CFM	sunny hours	solar panel	/
SN2015009	30W / 18V	12"	350*350mm	550CFM	sunny hours	solar panel	/
SN2016019	17W / 18V	8"	250*250mm	280CFM	Day & night 24 hours	solar panel + grid electricity	1A * 18V AC/DC Power Adapter
SN2016021	20W / 18V	10"	300*300mm	380CFM	Day & night 24 hours	solar panel + grid electricity	1A * 18V AC/DC Power Adapter
SN2016023	30W / 18V	12"	350*350mm	550CFM	Day & night 24 hours	solar panel + grid electricity	1A * 18V AC/DC Power Adapter
SN2016020	50 watt (20W/18V + 30W/16V)	8"	250*250mm	280CFM	Day & night 24 hours	solar panel + 9.6Ah lithium battery	0.5A * 14.6V Solar Battery System
SN2016022	50 watt (20W/18V + 30W/16V)	10"	300*300mm	380CFM	Day & night 24 hours	solar panel + 9.6Ah lithium battery	0.5A * 14.6V Solar Battery System
SN2016024	60 watt (30W/18V + 30W/16V)	12"	350*350mm	550CFM	Day & night 24 hours	solar panel + 9.6Ah lithium battery	0.5A * 14.6V Solar Battery System

No matter what size of the fans be, we make them with 3 working modes: **only solar / solar combines with grid electricity for day & night use / only solar but energy storable rechargeable for longer time usage!**

Customization Services:



8

Like other solar fan categories, we also provide optional accessories for you to extend functions of these fan blowers:



Snap-action Thermostat, a kind of mechanical switch to control the ON / OFF of product. You may choose either 25°C or 28°C thermostat from us, and their performance characteristics are as below:

On: 25°C +/-3°C; Off: 18°C +/-5°C (25°C thermostat)

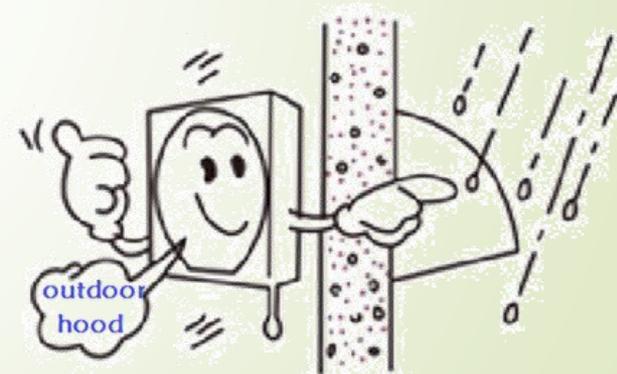
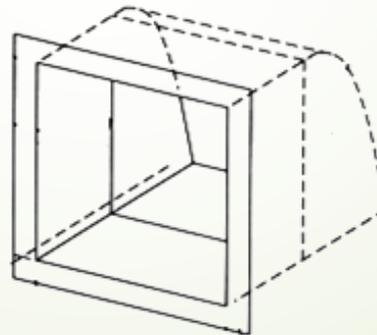
On: 28°C +/-3°C; Off: 21°C +/-5°C (28°C thermostat)

(there is a 7°C temperature difference between on & off)



Power Cord Switch, a kind of manual switch to control the ON / OFF of product. You may turn-on or turn-off the fan flexibly at any time.

(the cable it carries is 2m long)



Outdoor Hood, such kind of hoods are supposed easy to find from local market, so they are not among our regular accessory list, but if you need them also from us, please let us know.



Product Service Life & Warranty:

9

Normally no quality problem unless the fan motor reaches its lifespan.

Product Part	Service Life	Warranty
Plastic / Metal Casing	8 Years	5 Years
Solar Panel	25 Years	15 Years
Brushless DC Motor	more than 7 Years	5 Years
Lithium Battery	5 Years	2 Years
AC/DC Power Adapter	5 Years	2 Years

The hereby lifespan & warranty terms are based on the product be used in regular residential housings, but not in those too humid or extreme condition places with acid and alkali corrosive gas / liquids.



Thanks for being interested in our Solar Powered Louvered Wall Exhaust Fans!

Please feel free to contact us for any further information:

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