



Taiwanese products · One-year warranty · Permanent service

Ya Suh Dar Ventilation Co., Ltd.
is variously certified



American UL Recognized: Class-F insulation NO.222265
CE Certification of European Union NO.2027912.04
High-efficiency Certification from Bureau of Standards, Metrology & Inspection, M.O.E.A., R.O.C. NO.CI536061850015-99



Intellectual Property Office, M.O.E.A. Application Patent No.: M289807
Intellectual Property Office, M.O.E.A. Application Patent No.: M285626
Intellectual Property Office, M.O.E.A. Application Patent No.: M406715
Intellectual Property Office, M.O.E.A. Application Patent No.: M413031
Intellectual Property Office, M.O.E.A. Application Patent No.: M428232
Intellectual Property Office, M.O.E.A. Application Patent No.: M428231
Intellectual Property Office, M.O.E.A. Application Patent No.: M443836

Don't let poor products jeopardize your safety!
Ya Suh Dar Ventilation Co., Ltd protect indirectly your personal and property safety.



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Ming Lun Electric Machinery Industrial Co., Ltd. (Motor specialized)

www.yasuda.com.tw

<We reserve the right to change the product design.>



AC Design 04-27071159



100%
Made in Taiwan



Rotational ~~~~~
Controllable ~~~~~
Economical ~~~~~



Perfect solution to

~~~~~ muggy  
~~~~~ odorous  
~~~~~ dusty  
environments





**100% Made in Taiwan**

Our products market worldwide



**All products  
made in Taiwan**



**Developing for  
the best products**



**New  
Production-SMC**



**Insist on  
high quality**

The products of Ya Suh Dar Ventilacion Co.,Ltd and Ming Lun Electric Machinery Industrial Co.,Ltd are certified by various certificates.



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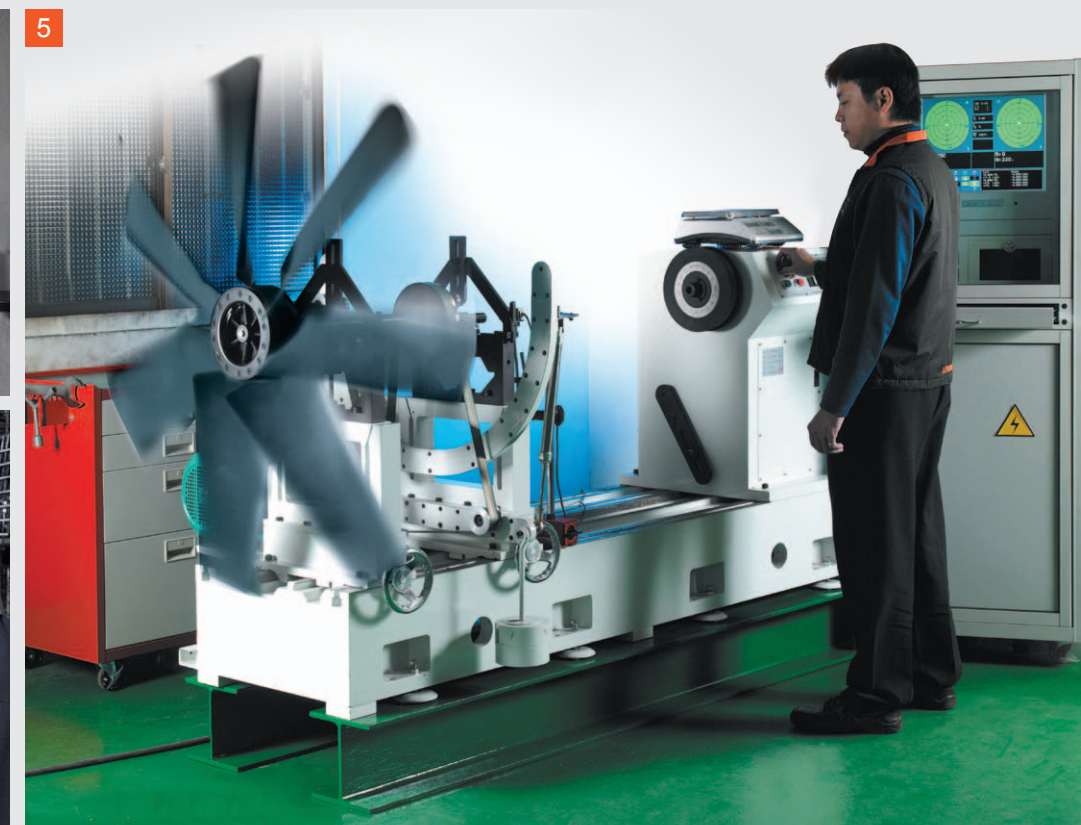
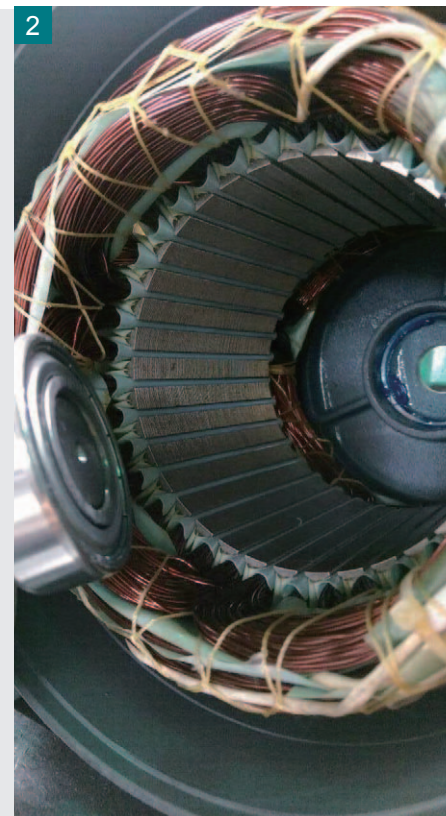


**M**ING LUN Electric Machinery Co., Ltd. who has accumulated decades of experience in manufacturing motors and incorporates state-of-the-art facilities and technology from overseas to dedicate itself to the production of motors for industrial use, also established Ya Suh Dar Ventilation Co., Ltd. to be devoted to the R&D and manufacture of cooling, ventilating equipment and eco-friendly cooling system. The Company's products have been exported globally, we also manufactures for many clients, both in Taiwan and overseas, on OEM and OEM basis. These products have exhibited compelling competitive edge in the market for their fast upgrade of quality and functions.

The ISO9001-conforming process has been UL, CE and Taiwan CNS certified as well as verified with test by the Energy Laboratory of ITRI, Taiwan, which safeguards the quality for our clients. **Our products are entirely developed and produced in Taiwan, with quality assured and service following through.**

**Y**A SUH DAR operates in good faith. While we serve our clients by innovation and upgrade of product quality, the Company also fulfills its responsibility for environmental protection, energy conservation and quality working environment, toward the goal of sustainable operation.





1. The Stock  
2. Motors coil processing area

1. Spare parts processing area  
2. The assembly of water cooling fan  
3. The assembly of exhaust fan  
4. Fan testing  
5. Dynamic balance correction of blades  
6. Injection machine



The Demonstration room exhibits the latest fans and motors.



## The first in the industry

Demonstration room has 165 m<sup>2</sup>. All products are presented in the room. There is complete products' information, and you are not only can see how to operate the products but also feel how those products work. This is the first in the industry. We would like to show you how to use our products and experience how they work by yourself.

Welcome to visit and experience our demonstration room.

Perfect solution to muggy, odorous, dusty factories and homes



Made in TAIWAN  
SMC Processing

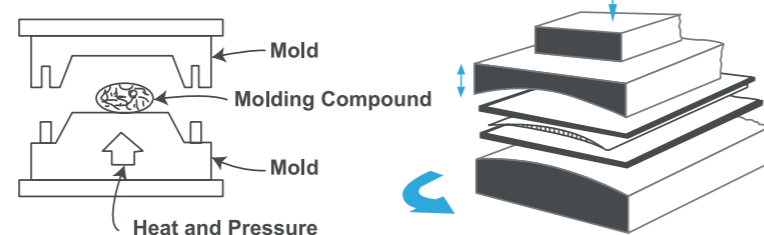
Act as a leader in the field of Taiwan.

54" external frame, holder, 50" blades are both integrative shaping.

### Sheet Molding Compound

"Sheet Molding Compound"(SMC) is the most active forming method of production of composite material. It is a solidified forming method that quantities of pre-mix materials are input into metal match mold after heating and pressure for solidification.

SMC illustration



1. Put the material
2. Compression mold
3. Ejector
4. Forming
5. Finished products

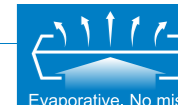
### The advantage of SMC :

- Automated production.
- The size of product has high precision.
- The smooth frame doesn't need to decorate once more.
- Integrative shape.

The disadvantage of SMC is complicated to make molds and in high cost. SMC is the composite material, which mixed by plastic resin, filler, hardening agent and modified agent, impregnated in the glass fiber yarn bundle. SMC materials are stacked on upper and lower steel molds. Heating and pressurizing molds to make SMC materials softened and flow within molds.

### Portable Inverter Water Cooling Fan

Stepless speed control, large amount of wind, save energy



Single phase Green Economical Cooler

#### M502-COOL

|                              |                                |
|------------------------------|--------------------------------|
| External frame               | PE                             |
| Blade size                   | 50"                            |
| Nos. of blade                | 3 SMC Blades                   |
| Motor                        | 2HP Insulation grade F, 12Pole |
| Voltage                      | Spec. by customer's option     |
| Water storage                | 230L                           |
| Size                         | 220x180x88cm                   |
| Weight                       | 160Kg(include chassis)         |
| Total weight (include water) | 390Kg                          |



Single phase Green Economical Cooler Electric shutters

#### M703-COOL

|                              |                                 |
|------------------------------|---------------------------------|
| External frame               | PE                              |
| Blade size                   | 30"                             |
| Nos. of blade                | 3 Nylon 66+Fiber Blades         |
| Motor                        | 1/2HP Insulation grade F, 6Pole |
| Voltage                      | Spec. by customer's option      |
| Water storage                | 170L                            |
| Size                         | 172x132x69cm                    |
| Weight                       | 100Kg(include chassis)          |
| Total weight (include water) | 270Kg                           |



Single phase Green Economical Cooler

#### M602-COOL

|                              |                                  |
|------------------------------|----------------------------------|
| External frame               | PE                               |
| Blade size                   | 42"                              |
| Nos. of blade                | 6 Nylon 66+Fiber Blades          |
| Motor                        | 1.5HP Insulation grade F, 10Pole |
| Voltage                      | Spec. by customer's option       |
| Water storage                | 180L                             |
| Size                         | 186x155x81cm                     |
| Weight                       | 120Kg(include chassis)           |
| Total weight (include water) | 300Kg                            |



Single phase Green Economical Cooler Electric shutters

#### M802-COOL

|                              |                                  |
|------------------------------|----------------------------------|
| External frame               | PE                               |
| Blade size                   | 24"                              |
| Nos. of blade                | 3 Nylon 66+Fiber Blades          |
| Motor                        | 1/2 HP Insulation grade F, 6Pole |
| Voltage                      | Spec. by customer's option       |
| Water storage                | 120L                             |
| Size                         | 141x98x70cm                      |
| Weight                       | 75Kg(include chassis)            |
| Total weight (include water) | 195Kg                            |



Single phase Green Economical Cooler

#### M702-COOL

|                              |                                 |
|------------------------------|---------------------------------|
| External frame               | PE                              |
| Blade size                   | 30"                             |
| Nos. of blade                | 3 Nylon 66+Fiber Blades         |
| Motor                        | 1/2HP Insulation grade F, 6Pole |
| Voltage                      | Spec. by customer's option      |
| Water storage                | 145L                            |
| Size                         | 160x126x72cm                    |
| Weight                       | 90Kg(include chassis)           |
| Total weight (include water) | 235Kg                           |

1. Applicable to a variety of sultry place.(ex. Wedding or funeral establishment, factory, cultivation industry, animal husbandry, restaurant, air-conditioned room...)
2. This product can filter the dust and decrease the temperature, and if your place have installed air conditioner, you can decrease the air conditioner quantity for the purpose of saving electricity.
3. This product can clean by the water cycle.
4. User can add ice cubes to increase cooling effect.

### Installing Type Water Cooling Fan

Big Air Volume

#### Main function and advantage

- Opened style high temperature.
- Temperature decreased by cooling board with water filter.
- The temperature decreased approximately 4~6°C when air in and air out, the temperature decrease effect is more obvious if temperature is higher.

3 Phase Green Economical Cooler

#### Water Cooling Fan S-18B

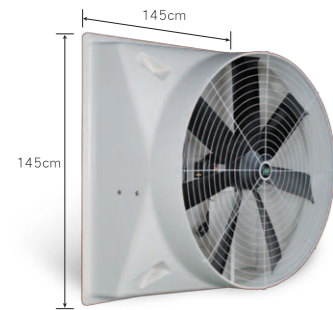
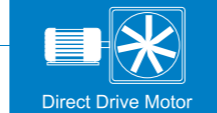
|                   |                                      |
|-------------------|--------------------------------------|
| Blade size        | 24"                                  |
| Nos. of blade     | 3 Nylon 66+Fiber Blades              |
| Motor             | 1.5HP Insulation grade F 4P          |
| Voltage           | Spec. by customer's option           |
| Water Consumption | 50L                                  |
| Air flow style    | Above                                |
| Output Distance   | ≤30M (The duct can open 10 outlets.) |
| Size              | 108x108x97cm                         |
| Weight            | 80Kg                                 |

#### Water Cooling Fan Y-18B

|                   |                                     |
|-------------------|-------------------------------------|
| Blade size        | 24"                                 |
| Nos. of blade     | 3 Nylon 66+Fiber Blades             |
| Motor             | 1/2HP Insulation grade F 6P         |
| Voltage           | Spec. by customer's option          |
| Water Consumption | 50L                                 |
| Air flow style    | Above                               |
| Output Distance   | ≤20M (The duct can open 6 outlets.) |
| Size              | 110x110x97cm                        |
| Weight            | 80Kg                                |

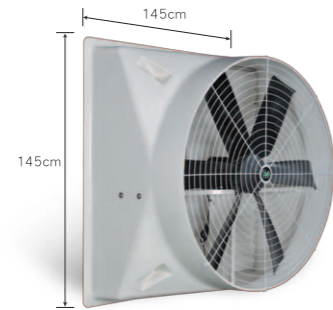


## SMC Housing Exhaust Fan (AC)



**Y700D 54" 7 Nylon 66+Fiber Blades with Direct Drive Motor**

|                |                              |
|----------------|------------------------------|
| External frame | SMC Housing                  |
| Blade size     | 50"                          |
| Nos. of blade  | 7 Nylon 66+Fiber Blades      |
| Motor          | 1.5HP Insulation grade F 12P |
| Voltage        | Spec. by customer's option   |
| R.P.M.         | 430, 470RPM                  |
| Size           | 145x145x67cm                 |
| Total weight   | 73Kg                         |



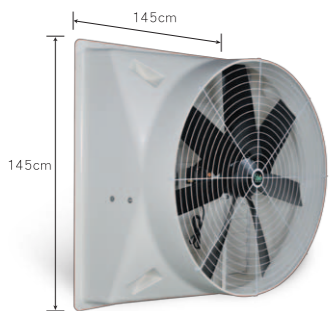
**Y600D 54" 6 Nylon 66+Fiber Blades with Direct Drive Motor**

|                |                              |
|----------------|------------------------------|
| External frame | SMC Housing                  |
| Blade size     | 50"                          |
| Nos. of blade  | 6 Nylon 66+Fiber Blades      |
| Motor          | 1.5HP Insulation grade F 12P |
| Voltage        | Spec. by customer's option   |
| R.P.M.         | 470RPM                       |
| Size           | 145x145x67cm                 |
| Total weight   | 73Kg                         |



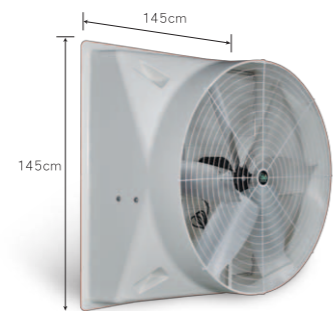
**C300D 54" 3 SMC Blades with Direct Drive Motor**

|                |                                                             |
|----------------|-------------------------------------------------------------|
| External frame | SMC Housing                                                 |
| Blade size     | 50"                                                         |
| Nos. of blade  | 3 SMC Blades                                                |
| Motor          | 1.5HP Insulation grade F 12P/<br>2HP Insulation grade F 10P |
| Voltage        | Spec. by customer's option                                  |
| R.P.M.         | 550-590RPM                                                  |
| Size           | 145x145x67cm                                                |
| Total weight   | 75Kg                                                        |



**S700D 54" 7 Magnesium Alloy Blades with Direct Drive Motor**

|                |                              |
|----------------|------------------------------|
| External frame | SMC Housing                  |
| Blade size     | 50"                          |
| Nos. of blade  | 7 Magnesium Alloy Blades     |
| Motor          | 1.5HP Insulation grade F 12P |
| Voltage        | Spec. by customer's option   |
| R.P.M.         | 430RPM                       |
| Size           | 145x145x67cm                 |
| Total weight   | 75Kg                         |



**A600D 54" 6 Aluminum Alloy Blades with Direct Drive Motor**

|                |                                            |
|----------------|--------------------------------------------|
| External frame | SMC Housing                                |
| Blade size     | 50"                                        |
| Nos. of blade  | 6 Aluminum Alloy Blades                    |
| Motor          | 1HP Insulation grade F, Planetary Gearhead |
| Voltage        | Spec. by customer's option                 |
| R.P.M.         | 365RPM                                     |
| Size           | 145x145x67cm                               |
| Total weight   | 74Kg                                       |

AC-SMC

**Factory Building**

Muggy

Smell

Dust

Powder

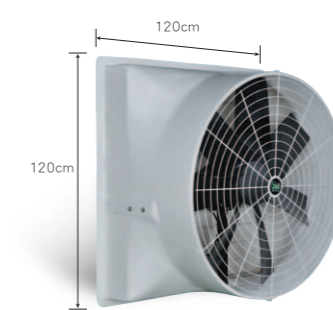
**All Clear**

## FRP Housing Exhaust Fan (AC)



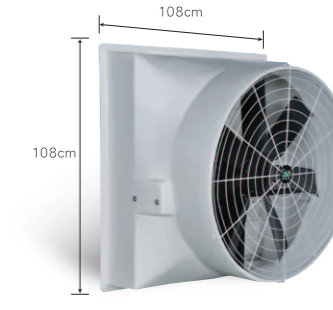
**A300D 54" 3 Aluminum Alloy Blades with Direct Drive Motor**

|                |                            |
|----------------|----------------------------|
| External frame | FRP Housing                |
| Blade size     | 48"                        |
| Nos. of blade  | 3 Aluminum Alloy Blades    |
| Motor          | 2HP Insulation grade F 10P |
| Voltage        | Spec. by customer's option |
| R.P.M.         | 600RPM                     |
| Size           | 145x145x67cm               |
| Total weight   | 70Kg                       |



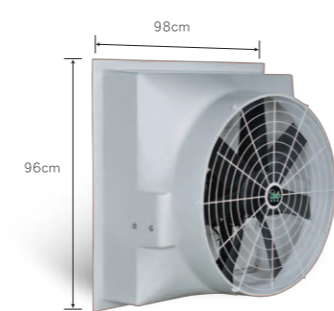
**D700D 46" 7 Nylon 66+Fiber Blades with Direct Drive Motor**

|                |                            |
|----------------|----------------------------|
| External frame | FRP Housing                |
| Blade size     | 42"                        |
| Nos. of blade  | 7 Nylon 66+Fiber Blades    |
| Motor          | 1HP Insulation grade F 12P |
| Voltage        | Spec. by customer's option |
| R.P.M.         | 480RPM                     |
| Size           | 120x120x62cm               |
| Total weight   | 53Kg                       |



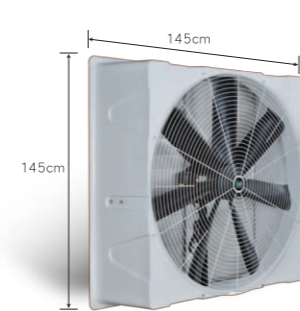
**L700D 42" 7 Nylon 66+Fiber Blades with direct drive motor**

|                |                              |
|----------------|------------------------------|
| External frame | FRP Housing                  |
| Blade size     | 36"                          |
| Nos. of blade  | 7 Nylon 66+Fiber Blades      |
| Motor          | 3/4HP Insulation grade F 10P |
| Voltage        | Spec. by customer's option   |
| R.P.M.         | 630RPM                       |
| Size           | 108x108x60cm                 |
| Total weight   | 45Kg                         |



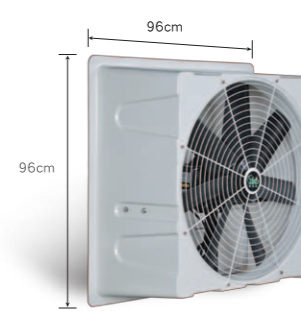
**S301D 34" 7 Nylon 66+Fiber Blades with direct drive Motor**

|                |                              |
|----------------|------------------------------|
| External frame | FRP Housing                  |
| Blade size     | 30"                          |
| Nos. of blade  | 7 Nylon 66+Fiber Blades      |
| Motor          | 1/2HP Insulation grade F 10P |
| Voltage        | Spec. by customer's option   |
| R.P.M.         | 660RPM                       |
| Size           | 98x96x48cm                   |
| Total weight   | 35Kg                         |



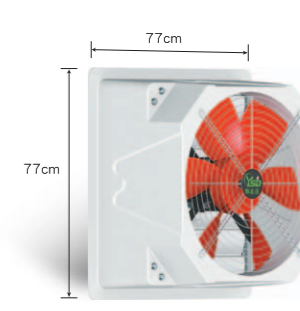
**F700D 54" FRP Box Fan with Direct Drive Motor**

|                |                              |
|----------------|------------------------------|
| External frame | FRP Housing                  |
| Blade size     | 50"                          |
| Nos. of blade  | 7 Nylon 66+Fiber Blades      |
| Motor          | 1.5HP Insulation grade F 12P |
| Voltage        | Spec. by customer's option   |
| R.P.M.         | 430, 470RPM                  |
| Size           | 145x145x45cm                 |
| Total weight   | 65Kg                         |



**F301D 34" FRP Box Fan with Direct Drive Motor**

|                |                              |
|----------------|------------------------------|
| External frame | FRP Housing                  |
| Blade size     | 30"                          |
| Nos. of blade  | 7 Nylon 66+Fiber Blades      |
| Motor          | 1/2HP Insulation grade F 10P |
| Voltage        | Spec. by customer's option   |
| R.P.M.         | 660RPM                       |
| Size           | 96x96x40cm                   |
| Total weight   | 63Kg                         |

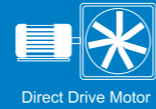


**F024D 24" 6 Nylon 66+Fiber Blades with direct drive Motor**

|                |                             |
|----------------|-----------------------------|
| External frame | FRP Housing                 |
| Blade size     | 24"                         |
| Nos. of blade  | 6 Nylon 66+Fiber Blades     |
| Motor          | 1/4HP Insulation grade F 8P |
| Voltage        | Spec. by customer's option  |
| R.P.M.         | 870RPM                      |
| Size           | 77x77x38cm                  |
| Total weight   | 25Kg                        |

## Brushless DC Exhaust Fan (AC)

Factory Building Muggy · Smell · Dust & Powder All Clear



# Brushless DC

## Mobile Type Positive Pressure Fan



**M602-FRP (Mobile)** Single phase Swing type

|                |                            |
|----------------|----------------------------|
| External frame | FRP Housing                |
| Blade size     | 42"                        |
| Nos. of blade  | 6 Nylon 66+Fiber Blades    |
| Motor          | 1HP Insulation grade F 12P |
| Voltage        | Spec. by customer's option |
| R.P.M.         | 520RPM                     |
| Size           | 155x116x90cm               |
| Total weight   | 110Kg                      |



**M601-FRP (Mobile)** 3 phase

|                |                            |
|----------------|----------------------------|
| External frame | FRP Housing                |
| Blade size     | 42"                        |
| Nos. of blade  | 6 Nylon 66+Fiber Blades    |
| Motor          | 1HP Insulation grade F 12P |
| Voltage        | Spec. by customer's option |
| R.P.M.         | 520RPM                     |
| Size           | 154x116x64cm               |
| Total weight   | 54Kg                       |



**M701-FE (Mobile)** Single phase

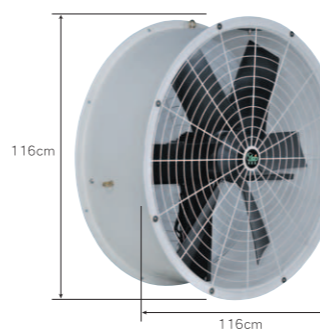
|                |                             |
|----------------|-----------------------------|
| External frame | FE                          |
| Blade size     | 30"                         |
| Nos. of blade  | 7 Nylon 66+Fiber Blades     |
| Motor          | 3/4HP Insulation grade F 8P |
| Voltage        | Spec. by customer's option  |
| R.P.M.         | 800RPM                      |
| Size           | 113x93x60cm                 |
| Total weight   | 45Kg                        |



**M801-FE (Mobile)** Single phase

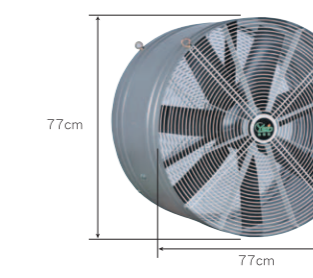
|                |                             |
|----------------|-----------------------------|
| External frame | FE                          |
| Blade size     | 24"                         |
| Nos. of blade  | 3 Nylon 66+Fiber Blades     |
| Motor          | 1/2HP Insulation grade F 6P |
| Voltage        | Spec. by customer's option  |
| R.P.M.         | 1100RPM                     |
| Size           | 104x62x50cm                 |
| Total weight   | 35Kg                        |

## Dangling Type Positive Pressure Fan



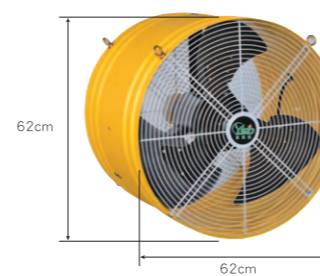
**M601-FRP (Dangling)** 3 phase

|                |                            |
|----------------|----------------------------|
| External frame | FRP Housing                |
| Blade size     | 42"                        |
| Nos. of blade  | 6 Nylon 66+Fiber Blades    |
| Motor          | 1HP Insulation grade F 12P |
| Voltage        | Spec. by customer's option |
| R.P.M.         | 520RPM                     |
| Size           | 116x116x45cm               |
| Total weight   | 47Kg                       |



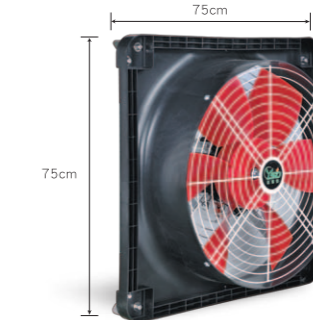
**M701-FE (Dangling)** Single phase

|                |                             |
|----------------|-----------------------------|
| External frame | FE                          |
| Blade size     | 30"                         |
| Nos. of blade  | 7 Nylon 66+Fiber Blades     |
| Motor          | 3/4HP Insulation grade F 8P |
| Voltage        | Spec. by customer's option  |
| R.P.M.         | 800RPM                      |
| Size           | 77x77x55cm                  |
| Total weight   | 38Kg                        |



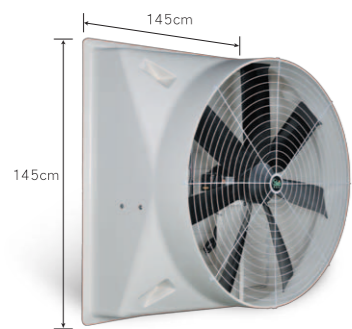
**M801-FE (Dangling)** Single phase

|                |                             |
|----------------|-----------------------------|
| External frame | FE                          |
| Blade size     | 24"                         |
| Nos. of blade  | 3 Nylon 66+Fiber Blades     |
| Motor          | 1/2HP Insulation grade F 6P |
| Voltage        | Spec. by customer's option  |
| R.P.M.         | 1100RPM                     |
| Size           | 62x62x50cm                  |
| Total weight   | 28Kg                        |



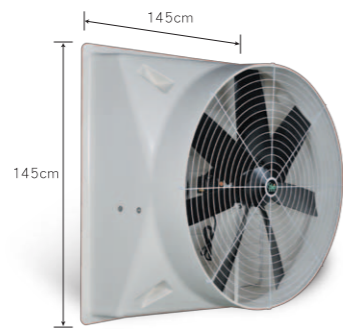
**D24-FAN (Dangling)** 3 phase Single phase

|                |                                                        |
|----------------|--------------------------------------------------------|
| External frame | PP                                                     |
| Blade size     | 24"                                                    |
| Nos. of blade  | 6 Nylon 66+Fiber Blades                                |
| Motor          | 1/3HP Isolation grade F 6P, 1/4HP Isolation grade F 8P |
| Voltage        | Spec. by customer's option                             |
| R.P.M.         | 1100RPM, 870RPM                                        |
| Size           | 75x75x30.5cm                                           |
| Total weight   | 21.5Kg                                                 |



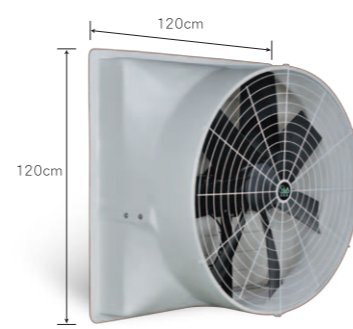
**Y700D-BLDC**  
54" 7 Nylon 66+Fiber Blades BLDC with Direct Drive Motor

|                |                                            |
|----------------|--------------------------------------------|
| External frame | SMC Housing                                |
| Blade size     | 50"                                        |
| Nos. of blade  | 7 Nylon 66+Fiber Blades                    |
| Motor          | 1HP Insulation grade F BLDC (brushless DC) |
| Voltage        | 50Hz/60Hz 200-240V                         |
| R.P.M.         | 470RPM                                     |
| Size           | 145x145x67cm                               |
| Total weight   | 73Kg                                       |



**S700D-BLDC**  
54" 7 Magnesium Alloy Blades BLDC with Direct Drive Motor

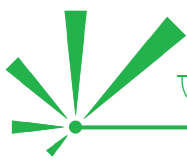
|                |                                            |
|----------------|--------------------------------------------|
| External frame | SMC Housing                                |
| Blade size     | 50"                                        |
| Nos. of blade  | 7 Magnesium Alloy Blades                   |
| Motor          | 1HP Insulation grade F BLDC (brushless DC) |
| Voltage        | 50Hz/60Hz 200-240V                         |
| R.P.M.         | 430RPM                                     |
| Size           | 145x145x67cm                               |
| Total weight   | 74Kg                                       |



**D700D-BLDC**  
46" 7 Nylon 66+Fiber Blades BLDC with Direct Drive Motor

|                |                                              |
|----------------|----------------------------------------------|
| External frame | FRP Housing                                  |
| Blade size     | 42"                                          |
| Nos. of blade  | 7 Nylon 66+Fiber Blades                      |
| Motor          | 3/4HP Insulation grade F BLDC (brushless DC) |
| Voltage        | 50Hz/60Hz 200-240V                           |
| R.P.M.         | 480RPM                                       |
| Size           | 120x120x62cm                                 |
| Total weight   | 52Kg                                         |





**E601B | Box Fan**

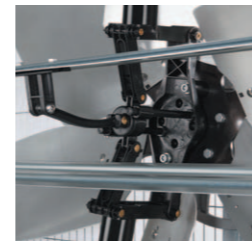
**54" 6 Stainless Steel Blades Belt Drive Motor**



Japan Bando Belt (Strong & durable)



Belt structure v-shaped belt

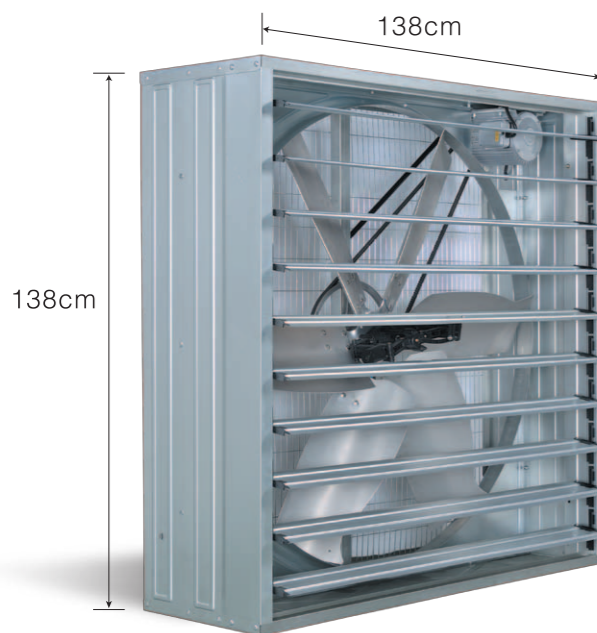


Pushing type, good seal tightness.

|                |                                 |
|----------------|---------------------------------|
| External frame | Galvanization Steel Plate       |
| Blade size     | 50"                             |
| Nos. of blade  | 6 Stainless Steel Blades        |
| Motor          | 1HP, 1.5HP Isolation grade F 4P |
| Voltage        | Spec. by customer's option      |
| R.P.M.         | 360~400RPM                      |
| Size           | 138x138x45cm                    |
| Total weight   | 81Kg                            |

**E600B | Box Fan**

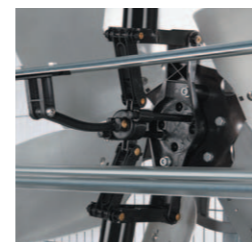
**54" 6 Aluminum Alloy Blades Belt Drive Motor**



Japan Bando Belt (Strong & durable)



Belt structure v-shaped belt

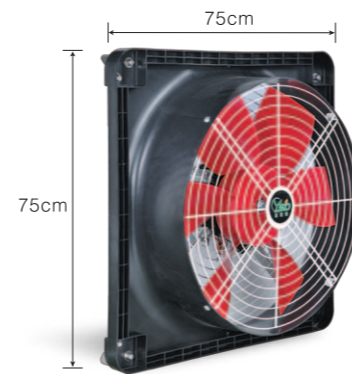


Pushing type, good seal tightness.

|                |                                 |
|----------------|---------------------------------|
| External frame | Galvanization Steel Plate       |
| Blade size     | 50"                             |
| Nos. of blade  | 6 Aluminum Alloy Blades         |
| Motor          | 1HP, 1.5HP Isolation grade F 4P |
| Voltage        | Spec. by customer's option      |
| R.P.M.         | 360~400RPM                      |
| Size           | 138x138x45cm                    |
| Total weight   | 81.5Kg                          |

**D24-FAN | Circulation Fan**

**24" 6 Nylon 66+Fiber Blades**



|                |                                                        |
|----------------|--------------------------------------------------------|
| External frame | PP                                                     |
| Blade size     | 24"                                                    |
| Nos. of blade  | 6 Nylon 66+Fiber Blades                                |
| Motor          | 1/4HP Isolation grade F 8P, 1/3HP Isolation grade F 6P |
| Voltage        | Spec. by customer's option                             |
| R.P.M.         | 870RPM, 1100RPM                                        |
| Size           | 75x75x30.5cm                                           |
| Total weight   | 21.5Kg                                                 |

**M801-FE | Circulation Fan**

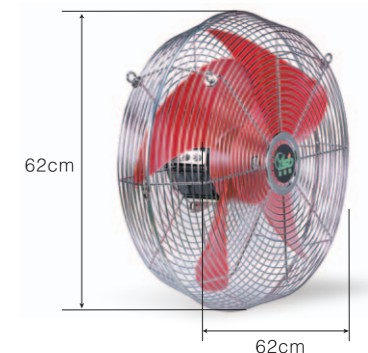
**24" 3 Nylon 66+Fiber Blades**



|                |                             |
|----------------|-----------------------------|
| External frame | FE                          |
| Blade size     | 24"                         |
| Nos. of blade  | 3 Nylon 66+Fiber Blades     |
| Motor          | 1/2HP Insulation grade F 6P |
| Voltage        | Spec. by customer's option  |
| R.P.M.         | 1100RPM                     |
| Size           | 62x62x50cm                  |
| Total weight   | 28Kg                        |

**D22-FAN | Circulation Fan**

**22" 4 Nylon 66+Fiber Blades**



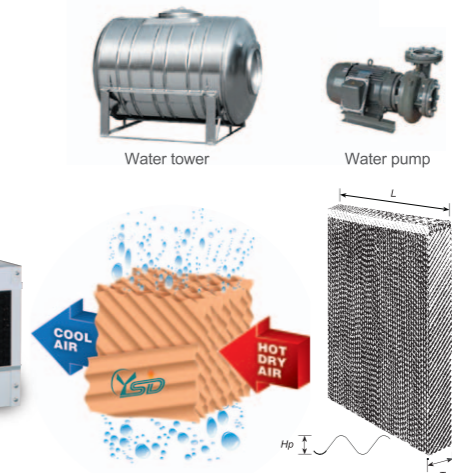
|                |                            |
|----------------|----------------------------|
| External frame | SUS304 Stainless Steel     |
| Blade size     | 22"                        |
| Nos. of blade  | 4 Nylon 66+Fiber Blades    |
| Motor          | 1/3HP Isolation grade F 6P |
| Voltage        | Spec. by customer's option |
| R.P.M.         | 1100RPM                    |
| Size           | 62x62x25.7cm               |
| Total weight   | 13Kg                       |

**Water Cooling Pad**



Model : Original 7090

Model : Black 7090



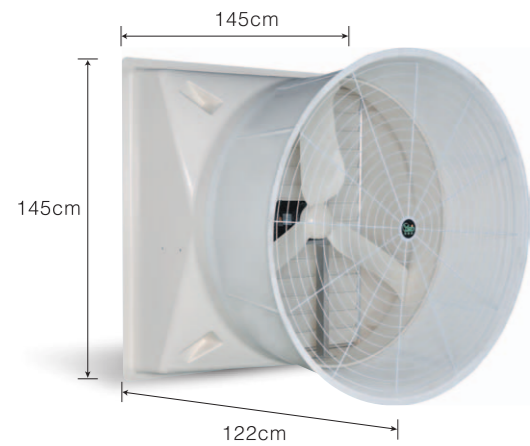
**Main function and advantage**

- Opened style high temperature.
- Temperature decreased by cooling board with water filter.
- The temperature decreased approximately 4~6°C when air in and air out, the temperature decrease effect is more obvious if temperature is higher.

|          |            |                                             |
|----------|------------|---------------------------------------------|
| L        | 600mm      | Length                                      |
| H        | 1800mm     | Height                                      |
| T        | 150mm      | Thickness                                   |
| $\alpha$ | 45, 15, 30 | Angle with respect to the airflow direction |
| $\beta$  | 45, 60     | Angle with respect to the airflow direction |
| Hp       | 7          | Flute size(wave height)                     |



## C300D-HL | Exhaust Fan with Extended Cone 54" 3 SMC Blades with Direct Drive Motor



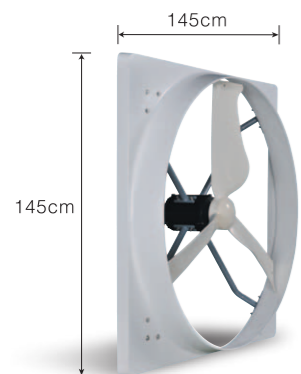
|                |                                                          |
|----------------|----------------------------------------------------------|
| External frame | SMC Housing                                              |
| Blade size     | 50"                                                      |
| Nos. of blade  | 3 SMC Blades                                             |
| Motor          | 1.5HP Insulation grade F 12P/ 2HP Insulation grade F 10P |
| Voltage        | Spec. by customer's option                               |
| R.P.M.         | 550RPM, 590RPM                                           |
| Size           | 145x145x122cm                                            |
| Total weight   | 85Kg                                                     |

## C300D-XL | Exhaust Fan 54" 3 SMC Blades with Direct Drive Motor



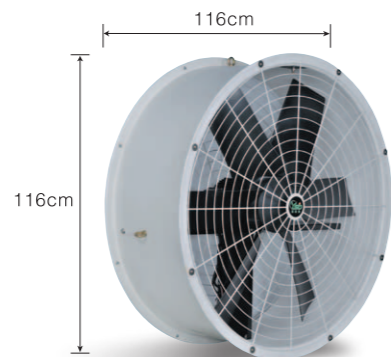
|                |                                                          |
|----------------|----------------------------------------------------------|
| External frame | SMC Housing                                              |
| Blade size     | 50"                                                      |
| Nos. of blade  | 3 SMC Blades                                             |
| Motor          | 1.5HP Insulation grade F 12P/ 2HP Insulation grade F 10P |
| Voltage        | Spec. by customer's option                               |
| R.P.M.         | 550RPM, 590RPM                                           |
| Size           | 145x145x67cm                                             |
| Total weight   | 75Kg                                                     |

## C301D | Circulation Fan 54" 3 SMC Blades with Direct Drive Motor



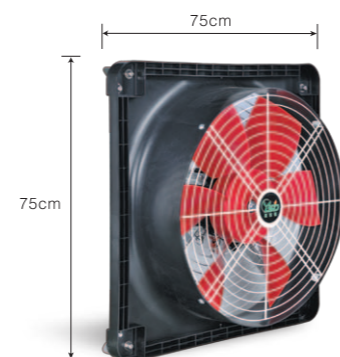
|                |                             |
|----------------|-----------------------------|
| External frame | SMC Housing                 |
| Blade size     | 50"                         |
| Nos. of blade  | 3 SMC Blades                |
| Motor          | 1.5HP Isolation grade F 12P |
| Voltage        | Spec. by customer's option  |
| R.P.M.         | 550RPM                      |
| Size           | 145x145x41cm                |
| Total weight   | 35.5Kg                      |

## M601-FRP | Circulation Fan 42" 6 Nylon 66+Fiber Blades with Direct Drive Motor



|                |                            |
|----------------|----------------------------|
| External frame | FRP Housing                |
| Blade size     | 42"                        |
| Nos. of blade  | 6 Nylon 66+Fiber Blades    |
| Motor          | 1HP Insulation grade F 12P |
| Voltage        | Spec. by customer's option |
| R.P.M.         | 520RPM                     |
| Size           | 116x116x45cm               |
| Total weight   | 47Kg                       |

## D24-FAN | Circulation Fan 24" 6 Nylon 66+Fiber Blades with Direct Drive Motor



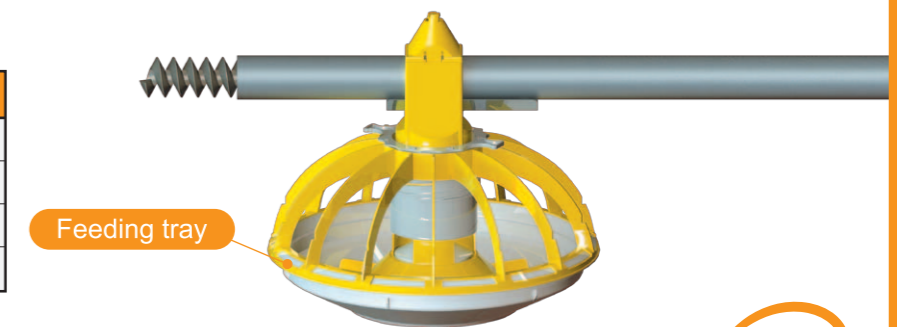
|                |                                                        |
|----------------|--------------------------------------------------------|
| External frame | PP                                                     |
| Blade size     | 24"                                                    |
| Nos. of blade  | 6 Nylon 66+Fiber Blades                                |
| Motor          | 1/3HP Isolation grade F 6P, 1/4HP Isolation grade F 8P |
| Voltage        | Spec. by customer's option                             |
| R.P.M.         | 1100RPM, 870RPM                                        |
| Size           | 75x75x30.5cm                                           |
| Total weight   | 21.5Kg                                                 |

## For Broiler Farm Automatic Feeding System

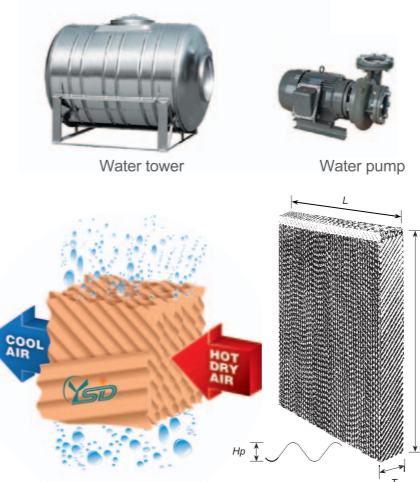
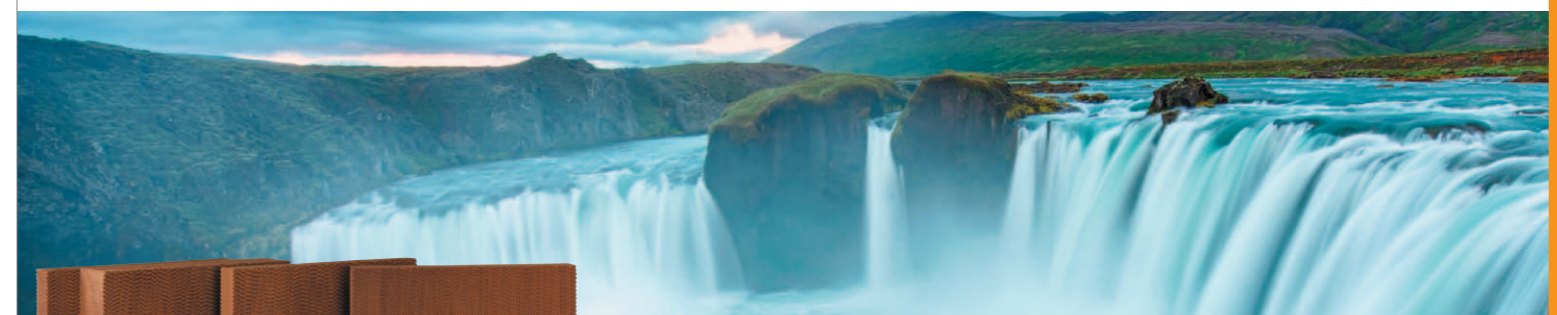


- Using in the broiler farm.
- Automatic Feeding system can save labor cost and increase the breeding efficiency.
- Easy to maintain.

| Name         | Size                      | Material           |
|--------------|---------------------------|--------------------|
| Feeding tray | 33 cm (diameter)          | Nylon and PP       |
| Duct         | 45 mm (external diameter) | Galvanized         |
| Hopper       | 56x56x62 cm               | Galvanized         |
| Motor        | 1/2 HP, 4P                | Decelerator series |



## Water Cooling Pad



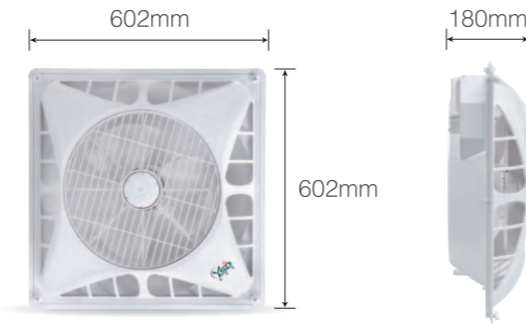
**Main function and advantage**

- Opened style high temperature.
- Temperature decreased by cooling board with water filter.
- The temperature decreased approximately 4~6°C when air in and air out, the temperature decrease effect is more obvious if temperature is higher.

|          |            |                                             |
|----------|------------|---------------------------------------------|
| L        | 600mm      | Length                                      |
| H        | 1800mm     | Height                                      |
| T        | 150mm      | Thickness                                   |
| $\alpha$ | 45, 15, 30 | Angle with respect to the airflow direction |
| $\beta$  | 45, 60     | Angle with respect to the airflow direction |
| Hp       | 7          | Flute size(wave height)                     |

## Y14-AC、DC

### 14 inch blades—arc shape

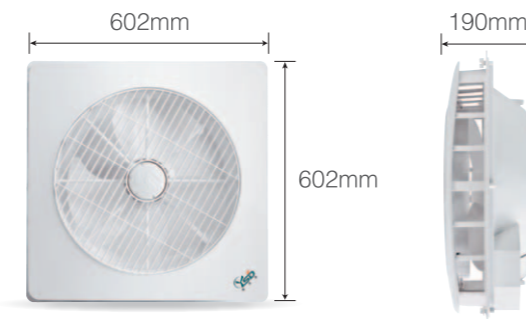


DC – save power 50%

| Model      | Blade Size | Voltage                    | Power Consumption             | Size(MM)                             |
|------------|------------|----------------------------|-------------------------------|--------------------------------------|
| Y14-AC     | 14 inch    | Spec. by customer's option | 43(high)32(media)24(low) ±10% | 602(length) x602(width) x180(height) |
| Y14-AC (2) |            |                            | 43(high)32(media)24(low) ±10% |                                      |
| Y14-DC     |            |                            | 22(high)12(media)08(low) ±10% |                                      |

## Y15-AC、DC

### 14 inch blades

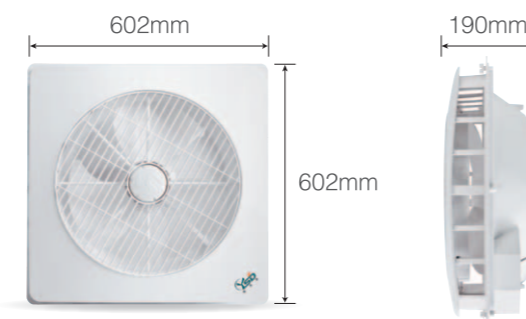


DC – save power 50%

| Model      | Blade Size | Voltage                    | Power Consumption             | Size(MM)                             |
|------------|------------|----------------------------|-------------------------------|--------------------------------------|
| Y15-AC     | 14 inch    | Spec. by customer's option | 45(high)33(media)25(low) ±10% | 602(length) x602(width) x190(height) |
| Y15-AC (2) |            |                            | 45(high)33(media)25(low) ±10% |                                      |
| Y15-DC     |            |                            | 22(high)12(media)08(low) ±10% |                                      |

## Y16-AC、DC

### 16 inch blades



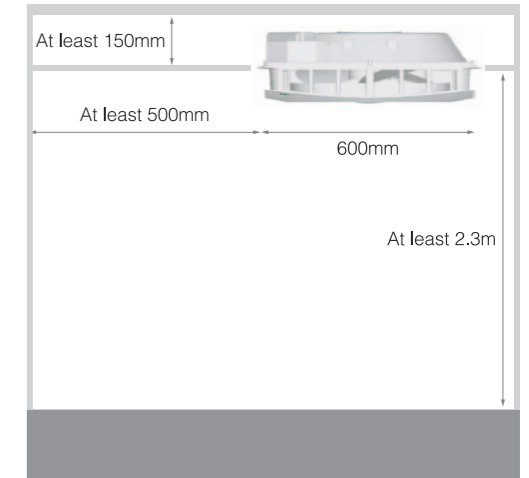
DC – save power 50%

| Model      | Blade Size | Voltage                    | Power Consumption             | Size(MM)                             |
|------------|------------|----------------------------|-------------------------------|--------------------------------------|
| Y16-AC     | 16 inch    | Spec. by customer's option | 45(high)40(media)36(low) ±10% | 602(length) x602(width) x190(height) |
| Y16-AC (2) |            |                            | 45(high)35(media)32(low) ±10% |                                      |
| Y16-DC     |            |                            | 25(high)15(media)10(low) ±10% |                                      |

- High Quality
- Comfortable
- Economical
- Circulating
- Convenient
- Maintainable

### DIY Installing Plan

- The Installing diagram is at right hand side.
- Please make sure the size of ceiling tile is 600 x 600mm.
- Let the person who has technical qualification do the installing.
- Please use the wire is 1.6mm~2.0mm.
- Please double check the voltage before installing.
- Installing several ceiling tile fans, there are at least 4 ceiling tiles between two ceiling tile fans.
- Make sure the ceiling tile can bear 20Kg before installing.



### DIY Installing Steps

**Please turn off the power before installing!**

- Remove the ceiling tile.
- Put the ceiling tile fan to the ceiling.
- Let the ceiling tile fan still horizontal with ceiling.
- Connect with the wire.



### About Ceiling Tile Fan

- Convenient** : Easy to install on the ceiling
- Maintainable** : Easy to clean
- The steps of maintenance** : (Double check the power is off before installing.)



- Economical**: Using the high efficiency motor, quiet and power saving.
- Circulating**: Circulating the air in the offices and rooms.
- Comfortable**: There are 4 speeds to choose what you feel comfortable.
- Simple**: Controlling with a remote control, easy and handy.

### Manual of Remote Control



- There are 4 speed modes (high, medium, low and natural wind) you can choose.
- There is the switch of turntable, you can turn it on for cycling or fix it in the certain direction.
- The battery of remote control is NO.4 battery.(1.5Vx2)
- Please remove the battery if you don't use the remote control for a long time.
- Please do the recycling for discarding battery.

Equipment  
**Shutters**



**New-Style Shutter**

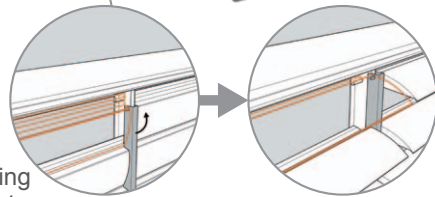


• The new-style shutters keep small insect from getting into.

**Old-Style Shutter**



• The old-style shutters side has the gap, easily have the mosquito, fly and the small insect into.



connecting rod structure



• Pneumatic Aluminum Frame with PP Shutters (CLOSE)



• Pneumatic Aluminum Frame with PP Shutters (OPEN)



• Electric Aluminum Alloy Shutters (CLOSE)



• Electric Aluminum Alloy Shutters (OPEN)



• Electric Aluminum Frame with PP Shutters



• Pneumatic Aluminum Alloy Shutters



• Pneumatic PVC Shutters

Equipment  
**Magnetic Switc, Control Box, Elbow Duct, Roof Housing Set**

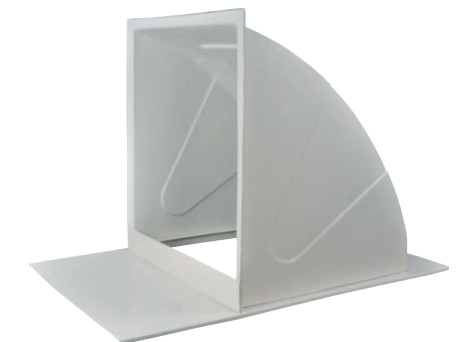
**Magnetic Switch**



**Control Box**



**Elbow Duct (FRP 45 degrees angle)**  
For 54 inch, 46 inch, 34 inch exhaust fan



**Roof Housing Set (FRP)**  
Foe 54 inch, 46 inch exhaust fan

### Wall & Roof Cases



### Portable Inverter Water Cooling Fan



### Installing Type Water Cooling Fan



### Water Cooling Pad



Box Fan



Positive Pressure Fan



Animal Husbandry



Green House



Ceiling Tile Fan

