

# AIRTECH

## GARMENT STOCKER

### USER MANUAL



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This manual is for standard product reference only.

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## **1.** *Foreword*

Thank you for purchasing our GARMENT STOCKER this time.

- Please read the instruction manual carefully and use the product correctly.
- Improper operation will cause serious accidents.
- Please be sure to designate the operation and management personnel of this equipment. If an abnormal accident occurs, please report to the management personnel immediately.
- Do not tear off the specification label on the device.
- This manual is written for standard equipment, but special specifications can also be used as a reference.





## **2.** *Receiving instructions*

- Please check carefully and confirm whether the product is damaged due to the shipping process.
- Please confirm whether the product and the order content are consistent.
- The company's products are strictly controlled from production, inspection, packaging to shipment. If there is any problem with the product, please contact us within 3 days of arrival. If the product is improperly used or modified, it will not be covered by our warranty.

## **3.** *Safety instructions*





### **| 3-1 Marking description**

- Please read the "Safety Instructions" carefully before using the product and use the product correctly.
- Please follow the precautions described here.
- The label and description are shown in the figure below.


Label	Description
 Danger	It will damage human body if do not comply with Safety Notice.
 Caution	It will cause malfunction if do not comply with Safety Notice.
 Prohibition	Prohibition
 Conformation	Conformation

## 3-2 Precautions during installation

### Danger

-  It is forbidden to install in an environment prone to fire or explosion
  - This equipment is not explosion-proof.
  - It is forbidden to install in an environment prone to fire and full of explosive gas.
-  Wiring work is performed by professionals
  - There may be a risk of electric shock.
-  Install in a place where the base plate is strong enough
  - Please install it in a location that can bear the weight of this equipment.
-  Install the equipment before connecting the power line
  - Avoid electric shock accidents.
  - Be sure to ground.

### Note

-  Do not use in the following places to avoid machine failure
  - Places with low or high temperatures.
  - Places with heavy moisture or moisture easily.
  - Places likely to cause dust accumulation.
  - An outdoor space that is exposed to wind and rain.
  - If you want to install in a special environment, please contact our company to discuss opinions.

- ❗ Install the device in a stable location
  - If the equipment is installed in an unstable position and tilted, it may cause problems in the operation of the blower.
- ❗ Do not block the return air outlet
  - Blocking will reduce the return air volume, resulting in reduced equipment performance.
- ❗ Plan maintenance work area
  - The filter must be replaced regularly, and maintenance work such as the blower and electrical wiring must be maintained.
- ❗ Confirm voltage specifications
  - Please confirm whether the input power is the same as the equipment specifications to avoid the danger of fire and combustion of parts.

### | 3-3 Precautions when using





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#### ⚠ Danger

- ❗ Please cut off the power when checking
  - Sudden operation of the equipment may cause electric shock accidents.
- ❗ When replacing the primary filter, please stop the blower first
  - Prevent the blower from inhaling foreign objects or causing personal injury.

#### ⚠ Note


- ⊘ Caution electricity
  - Do not operate the device with wet hands, as this may cause electric shock.
- ⊘ Do not switch the switch multiple times within one minute
  - Switching the power switch repeatedly for a short time may cause the blower or electric control parts to burn out.
- ⊘ Do not touch the electronic control parts
  - Do not touch the electronic control parts inside the device. If you have to, please cut off the power first.

-  Do not damage the power cord
  - Do not put heavy objects on the power cord or place them randomly.
  - Damage to the power cord may cause accidents such as fire or electric shock.
-  Do not modify the equipment
  - It may cause accidents such as electric shock, fire, and equipment performance degradation.
-  It is forbidden to use volatile oil or thinner to clean the equipment
  - Do not use volatile oil or thinner to wipe the equipment to avoid the fading and peeling of the coating.
-  Please clean and replace the filter of this equipment regularly
  - Please follow the operation method described later to clean and replace.


### **| 3–4 Precautions when abnormal**

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#### **Danger**

-  Prohibit self-disassembly and repair
  - Improper handling may cause electric shock, fire and other accidents. Please hand over to our company for disassembly and repair.

#### **Note**

-  Do not use when abnormal
  - Operating under abnormal conditions may cause electric shock or fire accidents.
  - In the event of an abnormality, please stop the operation immediately, cut off the main power supply and contact our customer service staff.

### | 4-1 Equipment combination

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- This equipment is a combination of SS-MAC or F.F.U. and the wardrobe body. Please refer to the attached size specification drawing for its specifications. (Specifications can be made according to customer specifications)

### | 4-2 Filter efficiency

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- This equipment is equipped with air supply unit, which can remove particles above 0.3 $\mu$ m and efficiency above 99.99%. The cleanliness of the blowing outlet is CLASS 1,000 (US. Fed. Std. 209d.), and it has the characteristics of low noise and low power consumption.

### | 4-3 Main filter

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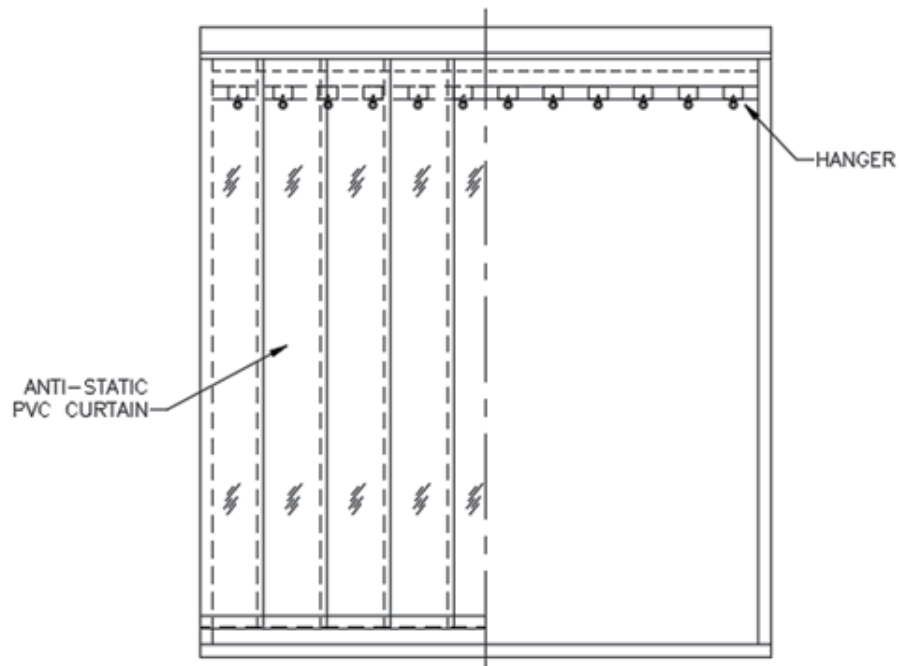
- The main filter (MAIN FILTER) adopts HEPA FILTER 0.3 $\mu$ m high-efficiency filter with efficiency above 99.99% or ULPA FILTER 0.1 $\mu$ m high-efficiency filter with efficiency above 99.999%. The outer frame is made of aluminum material.

### | 4-4 Pre-filter

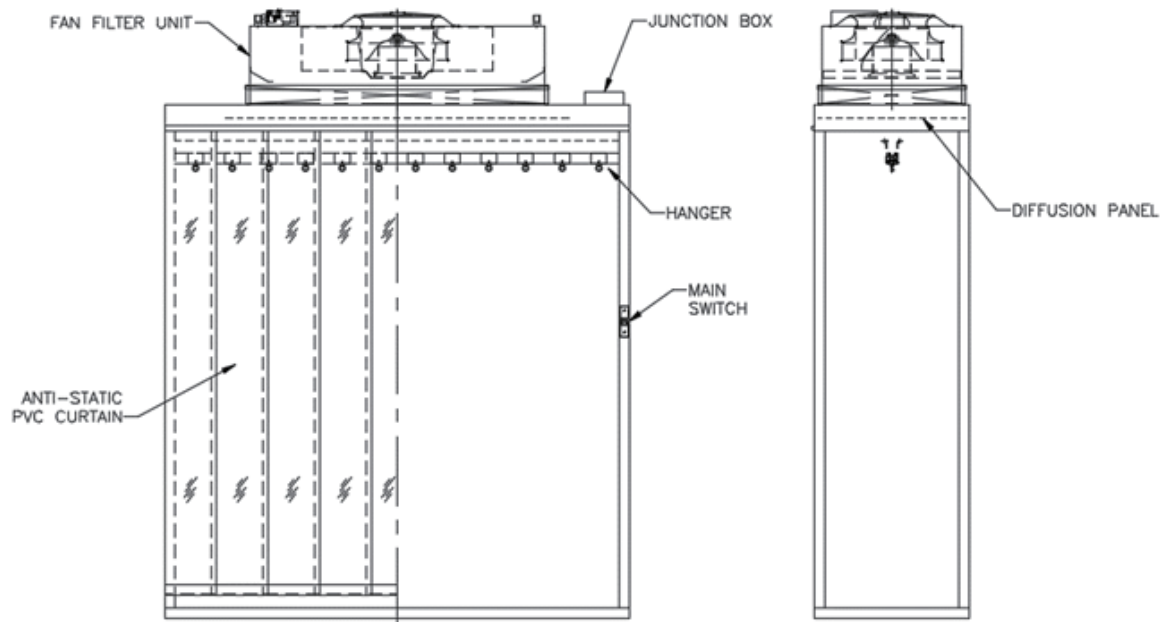
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- The pre-filter (PRE-FILTER) can remove coarse particles to extend the life of the main filter (MAIN FILTER). Using nylon (POLYESTER) non-woven fabric net, its collection efficiency is about 30–35% under the weight method (AFI method).

## Drawing

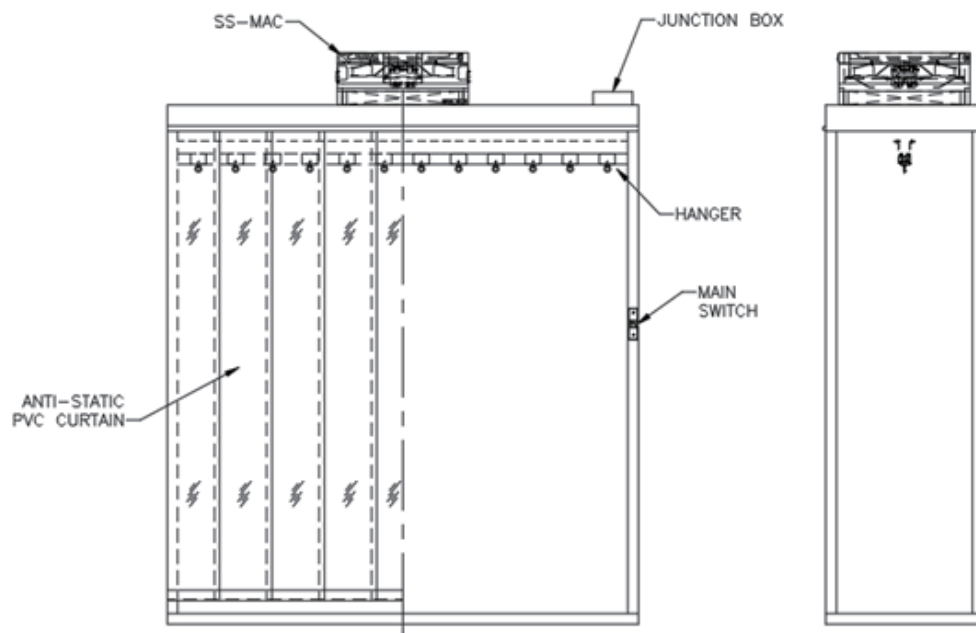


GARMENT STOCKER TYPE-1



GARMENT STOCKER TYPE-2





GARMENT STOCKER TYPE-3

## 5. *Installation method*

### | 5-1 Voltage specifications

- For voltage specifications, please connect to an appropriate power source according to the specifications of the equipment.

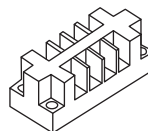
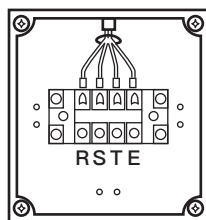
### | 5-2 Power connection

- If the power supply is AC 110V 1Φ or 220V1Φ, a 5M power cord plug is attached.  
Please confirm the socket voltage and plug the power plug into the power supply.



### | 5-3 Three-phase power connection

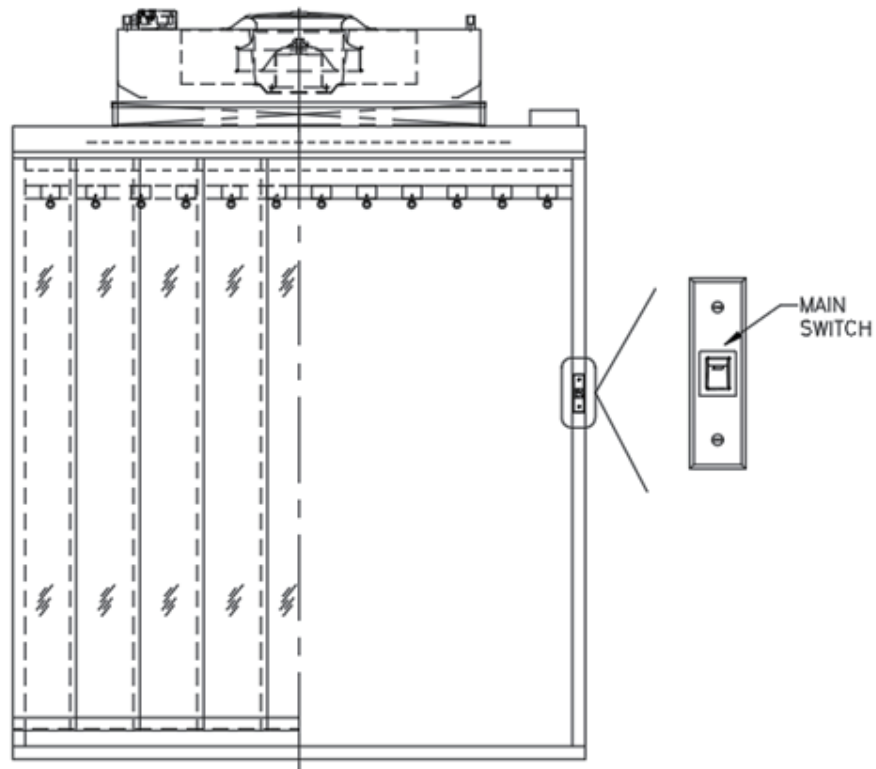
- If the power supply is AC 220V 3Φ, the body of the device is a terminal type, so please confirm the wire number RST (red, white, and black, and then wire). After connecting the power, please make sure the rotation direction of the blower is correct, otherwise, when the fan is reversed, The air volume will decrease.



### | 5-4 Fixed equipment

- After the installation location is determined, adjust the level of the whole wardrobe and then fix it.

## 6. Operation method



- Please supply power according to the installation regulations.
- When picking up or hanging clean clothes, please gently pull the antistatic curtain to avoid breaking and falling off the antistatic curtain.
- For the air supply unit, please always keep the air supply in order to maintain the cleanness of the wardrobe.
- There is a name tag holder at the clothes rail, and personal name tags can be placed according to personal use.

## 7. Simple troubleshooting

	Condition	Cause	Treatment/Repair
FAN	The windmill does not start.	<ul style="list-style-type: none"><li>· Power—electricity is not coming.</li><li>· FAN SWITCH is in the "OFF" position.</li><li>· Break type wiring loose.</li></ul>	<ul style="list-style-type: none"><li>· Insert the plug, or open the primary side relay BREAKER</li><li>· Check the wiring of the fan switch by pressing the "ON" position.</li></ul>
	It will start, but the wind speed is slow.	<ul style="list-style-type: none"><li>· The pre-filter (PRE-FILT-ER) is blocked.</li><li>· The high efficiency filter (HEPA FILTER) is blocked.</li></ul>	<ul style="list-style-type: none"><li>· Clean or replace the pre-filter (PRE-FILTER).</li><li>· Replace the high efficiency filter (HEPA FILTER).</li></ul>

## 8. Maintenance

### 8-1 Main filter

- As dust accumulates, it is difficult for air to pass through, and the wind speed and volume also decrease. If the air volume is reduced to one-half of the initial air volume, it must be replaced.
- Generally speaking, the HEPA FILTER must be replaced after about three years in a CLASS 100,000 clean room.

### 8-2 Pre-filter

- PRE-FILTER will accumulate a large amount of dust. Please remove it and dry it in a cycle of about seven to fifteen days, or clean it with a vacuum cleaner.

- In order to use the wardrobe effectively and achieve the expected effect, please maintain it regularly.

Consumables table

Product name	Specifications	Recommended replacement time
Pre-filter	Nylon mesh or non-woven filter	Approximately 2 weeks
Main filter	575×1170×50t x 1 pc	About 3 years

## 9. *Contact method*

If you have any questions about AIRTECH equipment, please contact us through our website or call the customer service. We'll server you as soon as possible.

### Address :

- Plant 1 : No.58-1, Guangfu Rd., Hsinchu Industrial Park, Hsinchu County 303-51, Taiwan
- Plant 2 : No.84, Guangfu N. Rd., Hsinchu Industrial Park, Hsinchu County 303-51, Taiwan
- [www.air-tech.com.tw](http://www.air-tech.com.tw)
- TEL : +886-3-6105668
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- Email : [info@air-tech.com.tw](mailto:info@air-tech.com.tw)

## Contact information

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