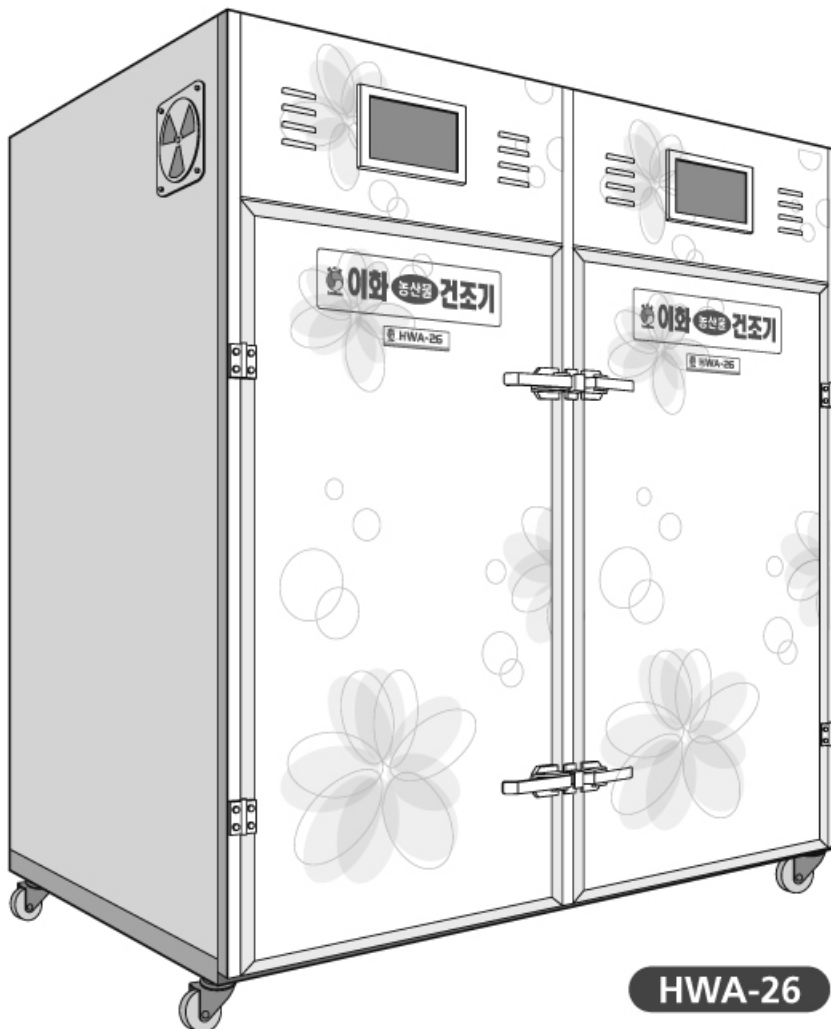


- Thank you for purchasing our products.
- For your safety, please read the user manual and fully understand it before use the product.

GUIDE BOOK FOR AGRICULTURAL PRODUCTS DRYER USER

AGRICULTURAL PRODUCTS DRYER



HWA-26

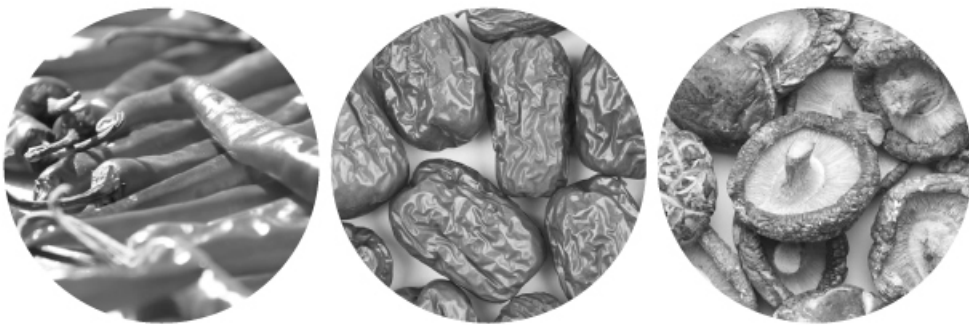
▶ SAME MODEL TYPE. HWA-06 / HWA-13



LEEHWHA INDUSTRY CO.

GUIDE BOOK FOR AGRICULTURAL
PRODUCTS DRYER USER

"More convenient and healthier.."
Your well-being life starts now.



Agricultural Products Dryer

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01

CAUTION FOR SAFETY

Please adhere to these instructions for your safety.

- Failure to observe the precautions in this manual may result in death, serious injury, and massive property damage. The company does not take responsibility.
- 'Danger', 'Warning' and 'Caution' marked in the user manual do not indicate all precautions that may occur during the use of the product. Please exercise caution during use.

Warning and caution display illustration

For safe use, the degree of danger is marked with caution, warning, and danger, and the meaning is as follows.



If instruction is not observed, it has a high risk to cause severe injury or death.



If instruction is not observed, it has a risk to cause severe injury or death.



If instruction is not observed, it has a risk of error or physical damage appearance.

Each picture mark has the following meanings.



General prohibitions



Safety instruction



Grounding to prevent electric shock



Do not disassembly



Flammables



Beware of electric shock



Do not touch



(1) Be sure to check the power voltage before use. It could be the cause of electric shock or malfunction.



(2) Do not use multiple power plugs plugged into one outlet. It could be the cause of fire or electric shock.



(3) If the product makes a strange noise, smell or smoke, immediately shut down the circuit breaker and contact the service center.



(4) Do not touch the power code nor operate the product with wet hands. There is a risk of electric shock.



(5) Do not increase the temperature over the regulation. The product could be destroyed.



(6) Keep flammable materials away from the product. It could be explosion or fire hazard.



(7) Please do not sprinkle water directly to the interior or exterior of the product. It could be fire or electrical shock hazard.



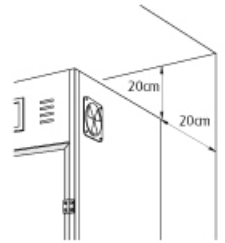
(8) Pay attention to children not to play inside. If door closes, the confined space will be dangerous.



(9) Do not let children operate it. It could cause malfunctioning or damage the content.



(10) Leave a space more than 20cm between the ceiling and the side for product check and repairing. It could make components change and checks impossible.



(11) When installing the product, ensure to ground. It could be the cause of malfunction or electric shock.



(12) Install the production on the flat and firm ground. The unstable installation could cause vibration and noise. Cover the ground with a firm plank when the base side of the product is uneven.



(13) Do not leave anything above the dryer. The things which fall on you could cause injury.



(14) Test and check the circuit breaker regularly (more than once a month) check products for defects. This could be the cause of fire or electrical shock.



(15) Do not disassemble, repair and remodel randomly. It could cause fire, electric shock or injury.



(16) When cleaning or checking, be sure to turn off the power and do it while the operation is stopped. There is a risk of electric shock.



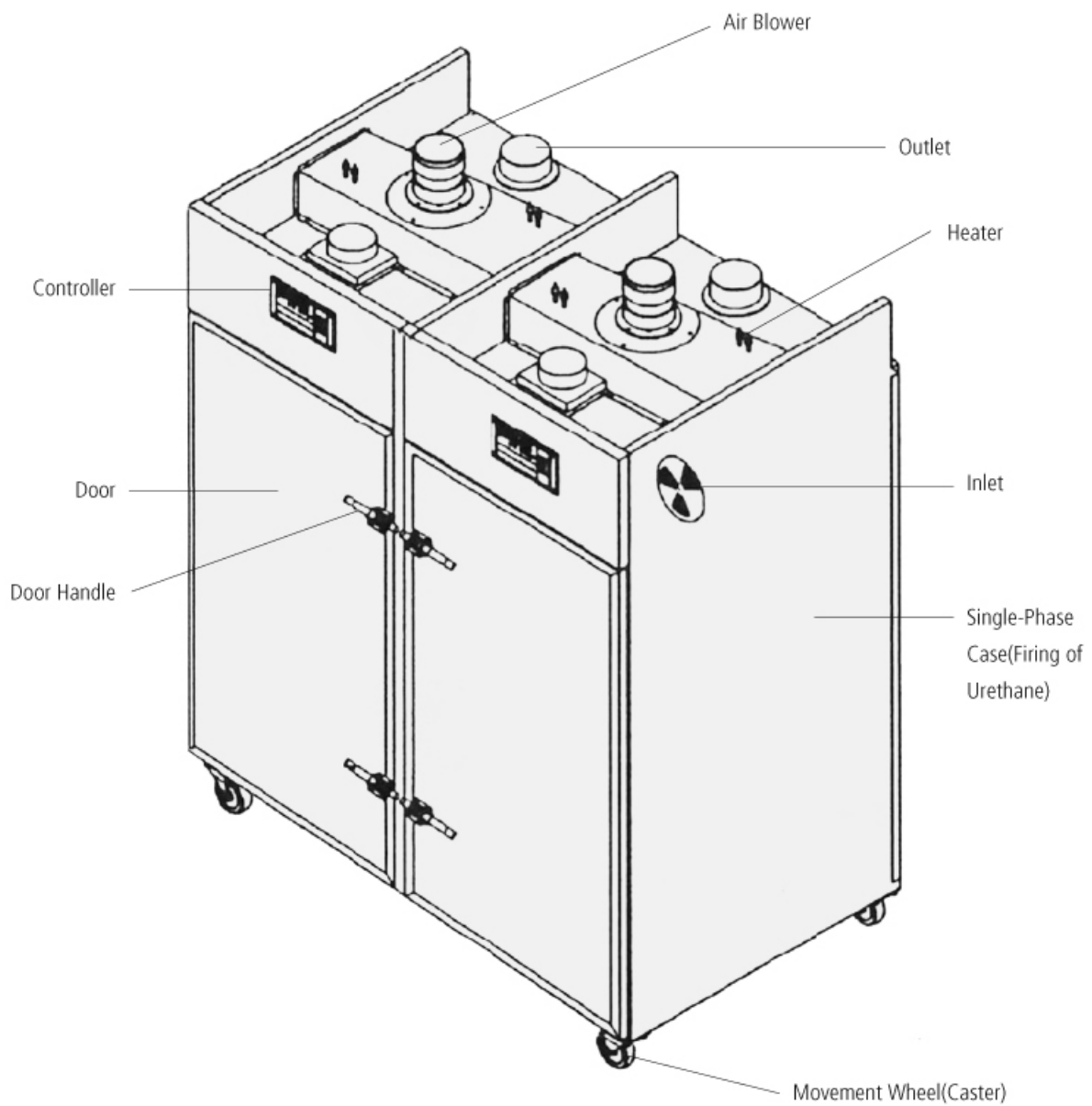
(17) When discarding the product, always contact the specialist. The random discard could cause safety accident.

02

NAMES OF EACH PART

Model of agricultural products dryer
HWA-26

It is more convenient to know the names of each part of the agricultural products dryer.



03 | SPECIFICATION

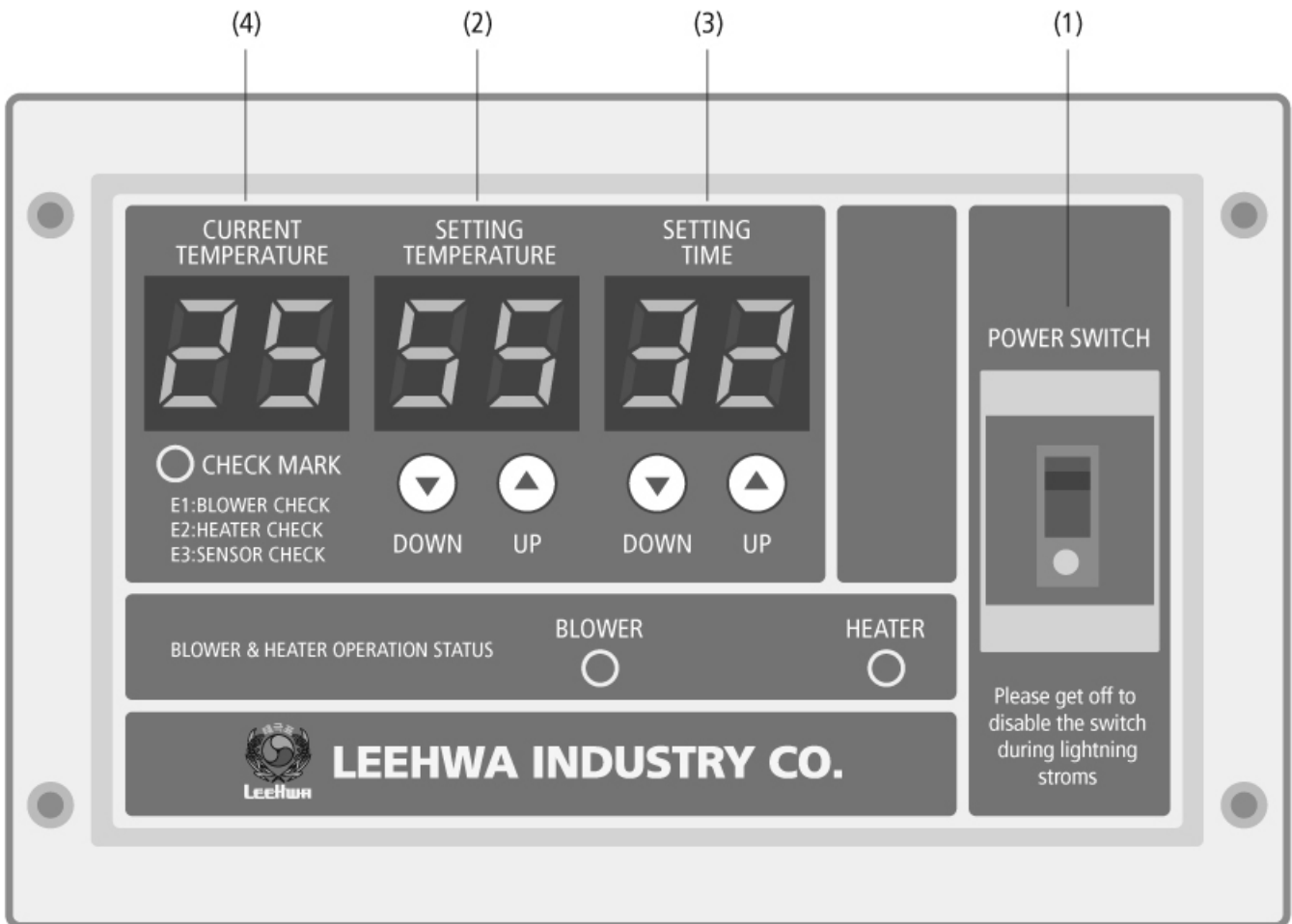
Model	HWA-26
Dimension	W 1,460 x D 955 x H 1,810mm
Weight	277kg
Air Blower	250W x 2EA
Heater	1,600W x 4EA
Rated Voltage Range	220V / 60Hz
Optimal Amount of Dry Matters	156kg(Based on red pepper)
Number of Trays	26EA
Tray Size	W 885 x D 605 x H 45mm
Control Method	Auto control by MICOM
Type and Heater Method	Electric hot air type / Far infrared ray coil type heater

Model	HWA-06	HWA-13
Dimension	W 648 x D 755 x H 1,150mm	W 740 x D 955 x H 1,810mm
Weight	80W	250W
Air Blower	68kg	132kg
Heater	500W x 2EA	2,000W x 2EA
Rated Voltage Range	220V / 60Hz	
Optimal Amount of Dry Matters	30kg(Based on red pepper)	72kg(Based on red pepper)
Number of Trays	6EA	13EA
Tray Size	W 683 x D 484 x H 43mm	W 885 x D 605 x H 45mm
Control Method	Auto control by MICOM	
Type and Heater Method	Electric hot air type / Far infrared ray coil type heater	

04

HOW TO OPERATE

- Be sure to read and understand the operating instructions below before operating.



- (1) Press the power switch to turn it on. The numbers in the "Current temperature", "Setting temperature" and "Setting time" windows will lit.
- (2) Set the appropriate temperature by pressing the raise or lower button of "Setting temperature".
- (3) Set the appropriate time by pressing the raise or lower button of "Setting time".
- (4) The internal temperature is displayed in the "Current temperature" window.

- For example, when drying red pepper, set the set temperature to 53~55°C and set the set time to 32 hours. (The drying condition may vary depending on the type of object to be dried and the moisture content.)
- The blower operates for an additional 10 minutes after timer operation is completed.



If instruction is not observed, it may result in death, serious injury or fire.
We do not guarantee a warranty for damage and defect caused by not following the below directions.

Precautions for installation

- (1) Transport the dryer by a 1 or larger-ton truck. When taking down the dryer from the truck, use a forklift or if a forklift is not available, an installer or 4 healthy adults should take it down. (When the elderly or children do so, they would get injured or the product would get destroyed)
- (2) Install it in dry places, where water does not pool.
- (3) Make sure the floor is even when placing the dryer.
- (4) Install the dryer away from direct sunlight.
- (5) Make sure to ventilate well when drying.
- (6) When installing the dryer, ask a professional engineer for electrical work.
- (7) Keep the dryer fixed so that it does not move.
- (8) Always keep the dryer area and floor clean.
- (9) On an earthen floor, where water does not pool.
- (10) Select a lead wire thickness of 1.5mm² or more for HWA-06, 4mm² or more for HWA-13, and 6mm² or more for HWA-26.

Precautions for construction

- (1) Be sure to use the prescribed electric wire for the dryer lead-in wire.
- (2) Earth the body of the product to prevent an electric shock.
- (3) Install an earth leakage circuit breaker to prevent leakage accidents.
- (4) If the machine is broken, do not disassemble it.
- (5) Install the machine carefully so that the wire sheath does not come off.
- (6) Select a location where electricity metering is near and power connection is convenient.

06

STORAGE AND MAINTENANCE

Notice when cleaning

- (1) Clean each part thoroughly after use.
- (2) If there is a problem, check it and take action.
- (3) In case of long-term storage after using the dryer, support it high with a timber or hard stone under the machine, and cover the machine.

Notice when replacing parts

- (1) For parts, use specified parts of the same capacity.
- (2) Please contact the head office if the dryer is broken or needs repairs.
- (3) There should be no parts that are consumed by use within a short period of time, but please contact the head office when replacing parts.
- (4) When disposing of the dryer, do it through the specialist.

07

REGULAR INSPECTION



Notice

Please check the dryer frequently and keep it well in order to be able to use it safely and economically. Always ensure the power switch to be in the OFF position for inspection or cleaning.

Precautions

- (1) When thundering or lightning, please cut the power supply to prevent damage to the product.
(free warranty does not cover the damage due to natural disasters)
- (2) Place the power switch of main breaker and circuit breaker in the OFF position, if you are not using for a long time.
- (3) Do not use in humid place. When the body is wet, drain it completely before using.
- (4) Do not use household product for business purpose and do not apply any modifications.

Tip for inspection

Location	Method	Time
Circuit Breaker	Check whether it works normally by pressing the test button regularly.	More than once per month
	When you press the test button, if the power switch is in the OFF position, it is normal.	
Power line	Check whether the condition of exterior incoming wires is OK.	Regular inspection
Wiring terminals	Check whether the online power or wiring terminals are broken or untied.	Regular inspection

Actions to take in case of abnormality

Error Code	Occurrence Cause	Solution
Er-1	A problem with the blower itself or the disconnection of the load connection.	Turn off the switch and ask the service center for inspection.
Er-2	The temperature value does not decrease for 30 minutes while output is not in progress on the load side of the heater.	Ventilate the drying room, and if it does not work, ask the service center for inspection.
Er-3	Disconnection of temperature sensor wire	Check the disconnected part of the temperature sensor wire, and if it does not work, ask the service center for inspection.
Er-4	Short circuit of the temperature sensor wire	Check the short circuit of the temperature sensor wire, and if it does not work, ask the service center for inspection.
Er-5	The sensing temperature exceeds the temperature of the thermal limiter.	Manually reset the thermal limiter by turning the power OFF-ON, and if it does not work, ask the service center for inspection.

08

CHECKLIST BEFORE REPORTING MALFUNCTION

- The standard temperature chart of drying is on condition that the harvested corps get dried in normal condition. Therefore, you should adjust the optimal temperature and time after at least one time of drying process.
- Set the temperature at its lowest during the first drying process. Checking the progress, increase the temperature gradually.
- Adjust the temperature and time according to the type of the harvested crop and its condition.

Problem	Reason and Checklists	Solution
The power does not turn ON	The power is not connected.	Please connect the power.
	The electricity failed.	Wait until the power failure status is cancelled.
	The connection status of the power is poor.	Request a check service to a distributor or a service center.
The circuit breaker is switched OFF	The circuit breaker malfunctioned.	Place the circuit breaker in the ON position.
	The circuit breaker was poor.	Request a check service to a distributor or a service center.
	The heater had a short circuit.	Request a check service to a distributor or a service center.
	The motor had a short circuit.	Request a check service to a distributor or a service center.

Problem	Reason and Checklists	Solution
Controller is not working	The power is not connected.	Please connect the power.
	The controller was poor.	Request a check service to a distributor or a service center.
The temperature does not increase.	The set temperature is low.	Increase the set temperature by using temperature controller.
	The heater was broken.	Request a check service to a distributor or a service center.
The drying function is not working properly	The amount of dry matters is too much.	Reduce the amount of dry matter accordingly.
	The dry matters are not spread evenly.	Spread the dry matters evenly or sometimes mix them.
The dry matters are cooked or burnt	The temperature is too high.	Decrease the set temperature and increase the amount of drying time.
	The dry matter are not spread evenly.	Spread the dry matters evenly or sometimes mix them.



Precautions

When checking, be sure to switch off the circuit breaker and cut off the power. If not, accidents could happen.

* The company does not hold any responsibility for the damage of contents due to improper installation and use.

01

This product has passed strict quality control and rigorous inspection by the technicians of LEEHWA INDUSTRY CO. If any trouble arises in a normal operation condition under warranty, please bring the warranty to the distributor where you purchased or contract to service center, we will repair it for free.

02

If the warranty passes the guaranteed term from the date of purchase, you will be charged for the repair, if the defect requires processing fee.

03

If any error occurs during the use, be sure to read [Checklist before customer report] and request the service.

04

When requesting the service, let us know exactly unusual condition of the product, so that we can prepare necessary components in advance.

05

If any professional skill is required beyond user's check, do not disassemble the product. Rather, contact to the distributor or service center.

06

Please buy easily replaceable components(e.g : fuse etc.) in advance due to any minor trouble, so that your immediate action will be possible and we can reduce travel service.

07

When reporting the trouble, please let us know exactly the model name of product fault status, address, name telephone number, etc., and be sure to know the department and name of the in-charge person.

10 | PRODUCT WARRANTY

Product Name	Agricultural Products Dryer (HWA-26 <input type="checkbox"/> HWA-13 <input type="checkbox"/> HWA-06 <input type="checkbox"/>)		
Date of Purchase	Day	Month	Year
Customer	Name		Phone Number
Agency	Seller		Phone Number

Warranty Information

1. We repair the product for free of charge in the following situations;

- When the product itself proves to be defective since its first installation.
- When the product proves to be defective by itself during a normal operation.

Term of guarantee	Since the purchase of product, within 2 years for prime mover and power transmission system and within 1 year for other devices.
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When the product proves to be defective by the installation itself;
Installer will repair it for free of charge or compensate.

2. We provide repair service at a cost, if warranty service has been expired. However, even during the warranty service period, we charge for the repair service, if the product proves to be defective due to the user's inattention or in the following situations;

- When the product proves to be defective due to bad installation or random alteration
- When the product proves to be defective due to user's inattention or intention
- When the product proves to be defective due to external wire and circuit breaker, which are not part of our product
- When the product proves to be defective due to cleaning and incorrect storage
- When the product proves to be defective due to repair service by other people not from our distributors or service
- When the product proves to be defective due to incorrect use of the component which are specified by the company

- Please read carefully before using for your safety.
- This instruction manual is subject to change for the quality improvement without prior notification.



A service is life of product.

LEEHWHA INDUSTRY CO. operates service centers all across the country. If you experience any inconvenience with our products, please contact the agency where you purchased or the nearest service center. We will help you with our best attention on. Before reporting a problem please read the instruction manual properly once again.



LEEHWHA INDUSTRY CO.

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