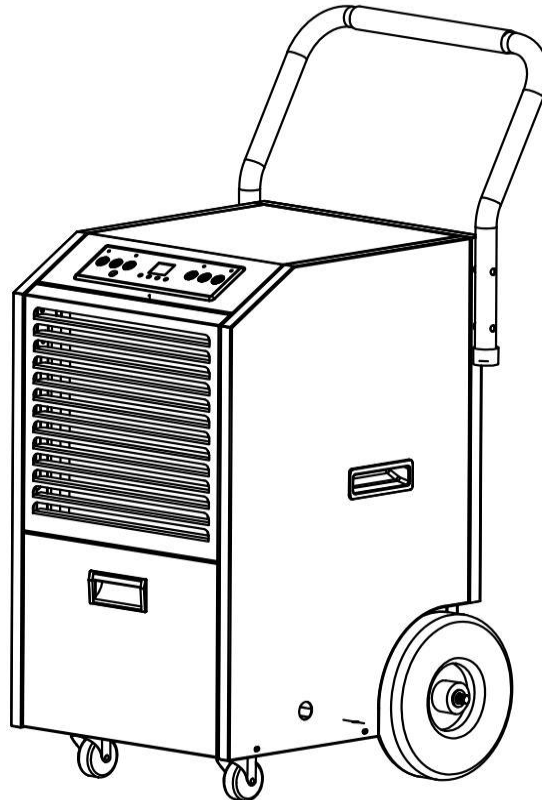


INSTRUCTION MANUAL

DEHUMIDIFIER



Item NO:D4250E

Applicable Model: OL50-506E

Please keep this manual for future reference!

Thank you for selecting our dehumidifiers. This manual details the proper use and maintenance of these dehumidifiers. Please take a few minutes to read this manual, and keep it for further reference.

1. BEFORE YOU BEGIN

1.1 PRODUCT DESCRIPTION

The dehumidifier is used to remove excessive moisture from the air. The resulting reduction in relative humidity protects buildings and their contents from the adverse effects of excess humidity.

1.2 THE FOLLOWING SHOULD ALWAYS BE OBSERVED FOR SAFETY

- This appliance is intended to be used by experts or trained users in shops, light industry and on farms, or for commercial use by lay persons.
- This appliance can be used by children aged 8 and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved. Children shall not play with the appliance. Cleaning and user maintenance shall not be made by children without supervision.
- **The refrigerant loop is sealed. Only a qualified technician should attempt to service!**
- Do not discharge the refrigerant into the atmosphere.



PLEASE KEEP THE MACHINE STAND UPRIGHT FOR 6 HOURS BEFORE YOUR FIRST TIME USE

PLEASE ALWAYS KEEP THE MACHINE UPRIGHT WHEN USING

2.IMPORTANT SAFETY INSTRUCTIONS

Your safety is the most important thing we concerned!

2.1 OPERATIONAL PRECAUTIONS

WARNING- to reduce the risk of fire, electric shock or injury to persons or property:

- If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.

- The sound pressure level is below 70 dB.

- The appliance shall be disconnected from its power source during maintenance.

- Always operate the unit from a power source of equal voltage, frequency and rating as indicated on the product identification plate.

- Always use a power outlet that is grounded.

- Unplug the power cord when cleaning the machine or not using it.

- Do not operate with wet hands. Prevent water from spilling onto the unit.

- Do not immerse or expose the unit to rain, moisture or any other liquid.

- Do not leave the unit running unattended. Do not tilt or turn over the unit.

- Do not unplug while the unit is operating.

- Do not unplug by pulling on the power cord.

- Do not use an extension cord or an adapter plug.

- Do not put objects on the unit.

- Do not climb or sit on the unit.

- Do not insert fingers or other objects into the air outlet.

- Do not touch the air inlet or the aluminum fins of the unit.

■ Do not operate the unit if it is dropped, damaged or showing signs of product malfunction.

■ Do not clean the appliance with any chemicals.

■ The unit shall be installed in accordance with national wiring regulations.

■ Do not use means to accelerate the defrosting process or cleaning, other than those recommended by the manufacture.

■ The appliance shall be stored in a room without continuously operation sources (for example: open flames, an operating gas appliance or an operating electric heater).

■ The appliance shall be stored so as to prevent mechanical damage from occurring.

■ Do not burn, even after use.

■ Compliance with national gas regulations shall be observed.

■ Keep any required ventilation openings clear of obstruction.

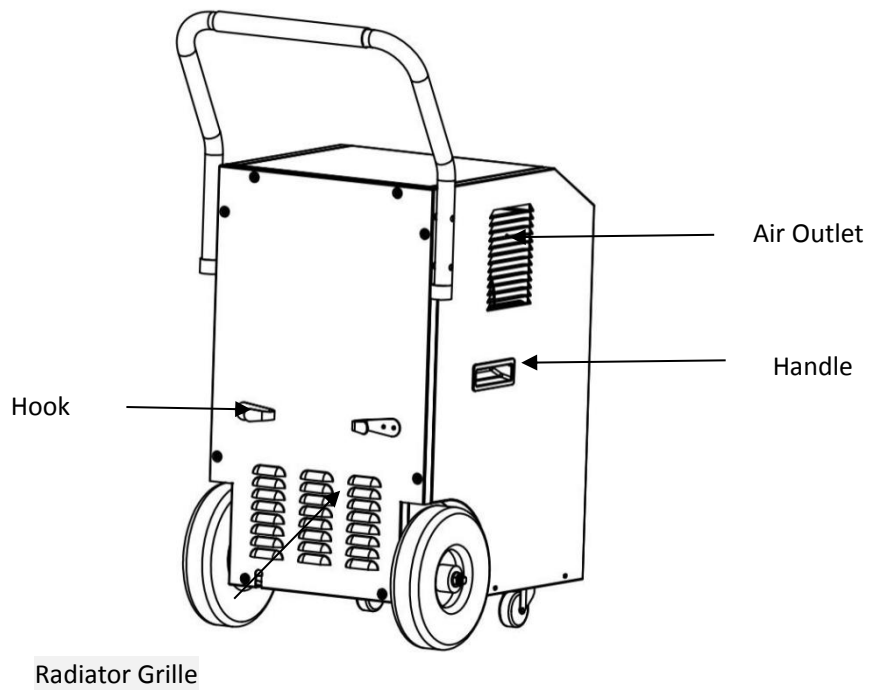
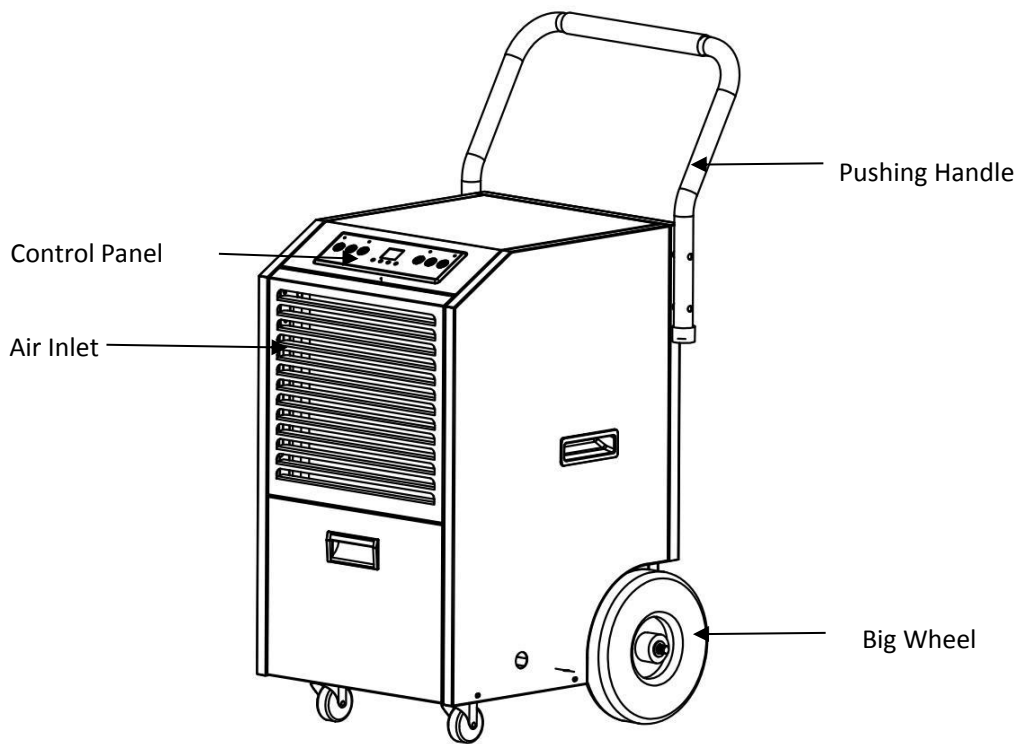
3.FEATURES

- Large Capacity
- Movable and Easy to Store
- Built-in Auto Defrost System to protect key working components
- Adjustable Humidity
- Timed Operation
- Quiet Running
- Energy-Saving Design

4.SPECIFICATIONS

Model No.	OL50-506E
Dehumidifying Capacity	42Pints/Day @ 65°F, 60% RH
	70 Pints/Day @ 80°F, 60% RH
	110 Pints/Day @ 86°F, 80% RH
Power Supply	AC115V/60Hz
Power Consumption & Current	635W/ 6.0 A @ 80°F, 60% RH
	728W/ 6.75 A @ 86°F, 80% RH
Refrigerant Charge	R410A/11.6oz(330g)
Net Weight	36Kg/79.3 LBS

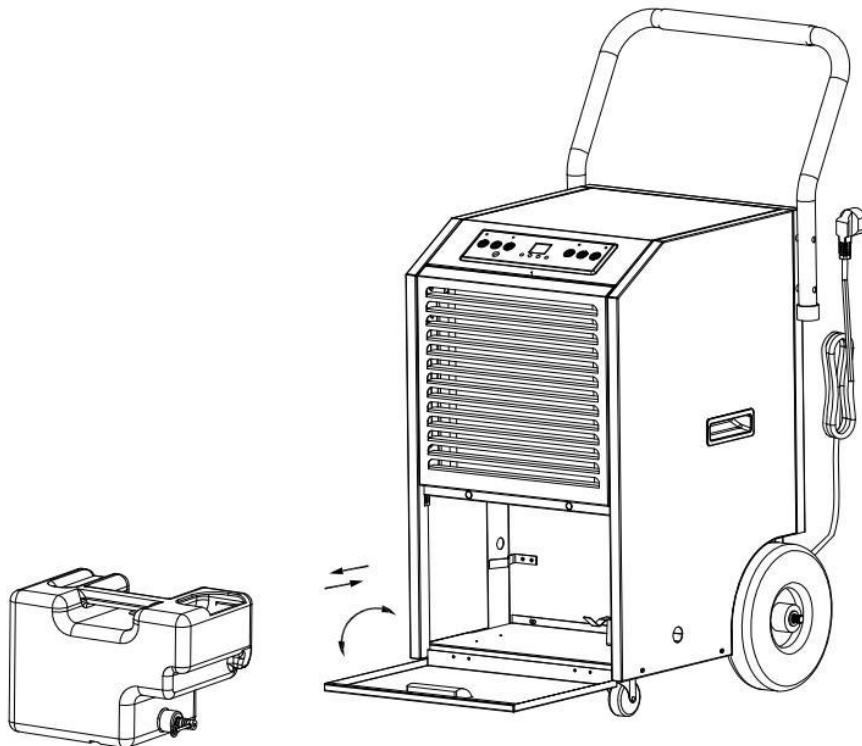
5.PRODUCT DRAWINGS



6.INSTALLATION

6.1 Drainage Installation

- 1) When the tank is full, the “FULL” light will turn on.
- 2) The unit will also make a buzzing sound. To stop this, press the power button to turn off the machine.
- 3) To clear the water tank, open the front panel to access the water tank.
- 4) Grab the handle of the water tank and pull it out horizontally.
- 5) After disposing of the water, replace the tank and close the front panel.

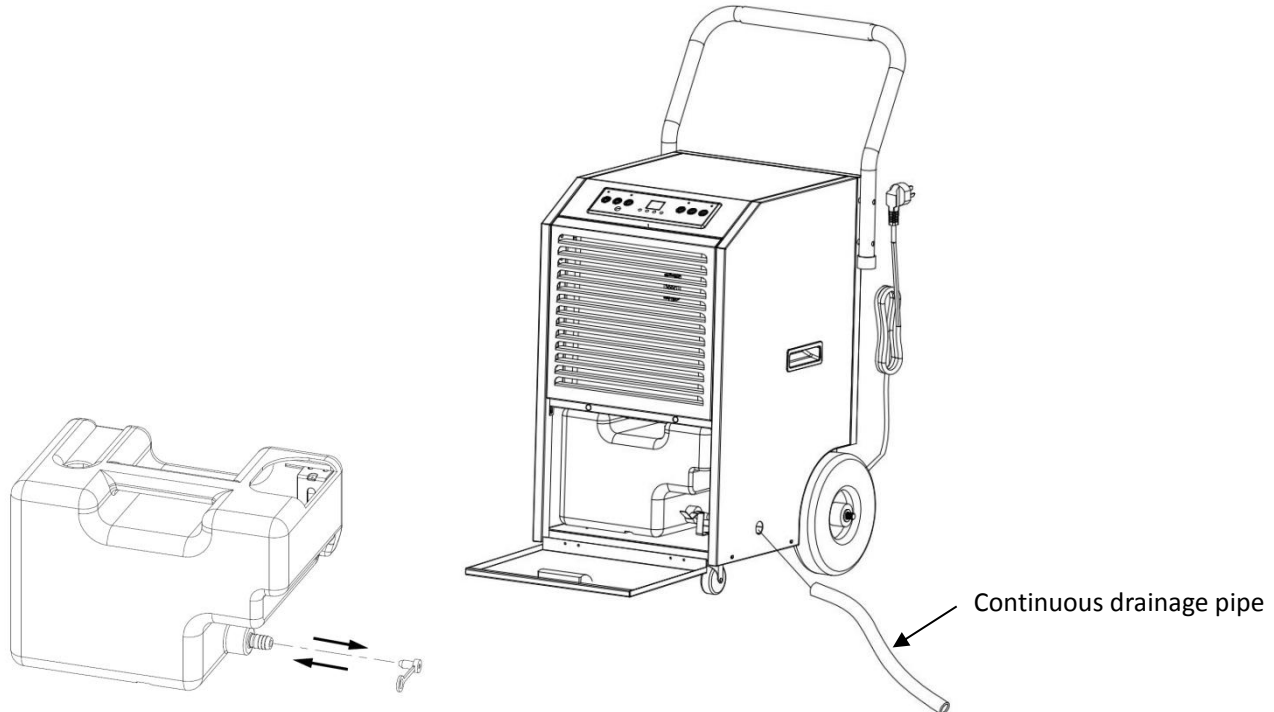


Continuous Drainage

In extremely wet conditions, the tank may need frequent clearing.

It can be set up to continuous drainage by doing the following:

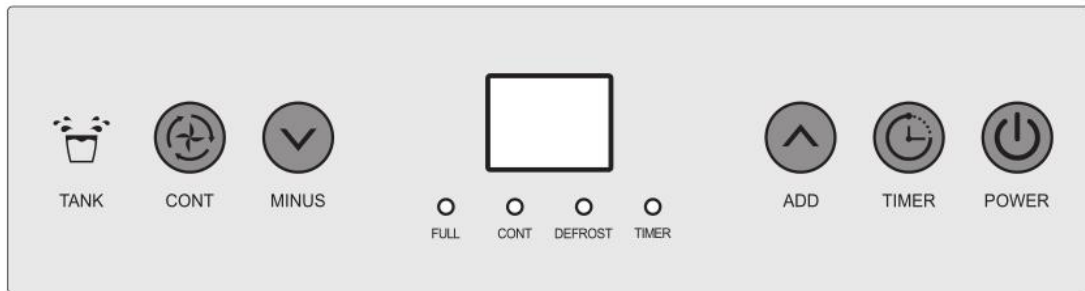
1. Open the front cover, remove the tank, and drain the water in the tank.
2. Remove the plug and install the included drain pipe to the connector, direct the pipe to the desired area before operating the machine. See the pictures below.
3. Make sure the water tank and drain pipe are not blocked, close the front panel.
4. When you do not use continuous drainage and turn to use water tank again, just use the plug to stop the water outflow from the connector.



- **WARNING:** Do not block the drainage hose. The end of the drainage pipe should not be higher than the outlet hole. If the drainage

pipe end is higher than the outlet hole, water will not drain properly and could damage components of the unit.

7.MACHINE SETUP AND OPERATION



7.1 Button Function



(1)

Press this button in the power-on state, screen light will be on, the machine automatically goes to continuous mode, display screen shows environmental humidity, the compressor will be on after the fan runs for 3 seconds; press this button again, the compressor stops, display screen shows “- -”, machine goes to standby mode, fan will run for another minute and then stop.



(2)

Press this button while machine is powered on, until button light goes on, press “MINUS”“ADD”to set the boot time, when the countdown is over, fan and compressor start to work.

Press this button while machine is running, until the button light goes on, press “MINUS”“ADD”to set the shutdown time, when the countdown is over, fan and compressor stop working.

Press this button for 3 seconds to show the current temperature, and it

will return to current humidity after 10 seconds. Press this button for a while to show the temperature.



(3)

In normal mode, press this button to increase the humidity, humidity increase 5%RH with each press, buzzer rang each time with the press, press the button for 1 second can increase the humidity continuously; press this button to set the time after pressing "TIMER".



(4)

In normal mode, press this button to decrease the humidity, humidity decrease 5%RH with each press, buzzer rang each time with the press, press the button for 1 second can decrease the humidity continuously; press this button to set the time after press "TIMER".

Note:

1) The default humidity is 50%RH, the increase and decrease is as follow:

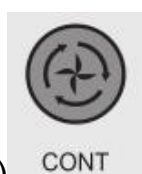
20%-25%-30%-35%-40%-45%-50%-55%-60%-65%-70%-75%-80%-85%-90%

2) Environmental humidity and machine set humidity will decide the status of compressor and fan as follow:

Environmental humidity \geq machine set humidity + 3% , compressor and fan start running.

Environmental humidity $<$ machine set humidity + 3%, compressor and fan stop running.

Press continue button in continuous mode, switch to normal dehumidification mode, set the humidity manually.



(5)

Continuous mode---(display screen shows current humidity) the machine keeps running, continuous mode light is on, humidity set is invalid, time

set is available. Press continuous mode to switch to normal mode, continuous mode light is off, humidity set is operational.

7.2 Accessories

- 1) Water Pipe 1pcs
- 2) Instruction manual 1pcs
- 3) Pushing Handle 1pcs
- 4) Fixed screw 2pcs
- 5) Water plug 1pcs

7.3 Operation

1) If the water tank is full for 5 minutes, alarm goes on, water tank light turns red, buzzer rang 15 times, the compressor and the fan stop, after emptying the water tank, machine automatically switch to the previous mode, the self-protect of compressor will start after 3 minutes. Alarm will stop in 3 seconds after the water tank was emptied and put back, the fan and the compressor will start in 3 minutes.

2) Compressor will not need 3 minutes for self-protect if it is the first time to start the machine, press "POWER" to turn off the power; turn on the power, press "POWER", the compressor will start immediately.

3) The system has auto memory. When all the mode setting has been finished, if there is sudden power cut during operation, or the power jack slips out, the system may store the current status before the power is cut and enter the previous operation mode before power cut automatically after power is supplied.

7.4 Defrost Function

1) Environmental temperature < 41°F, or environmental temperature > 100°F, compressor and fan stop.

2) Defrost requirement: Compressor runs for 30 minutes, temperature sensor senses the temperature ≤ 30°F (last for 10 seconds), compressor stops, defrost starts, fan continues, defrost light turns on, when the pipe temperature goes to 41°F or the defrost lasts for 15 minutes, defrost stops.

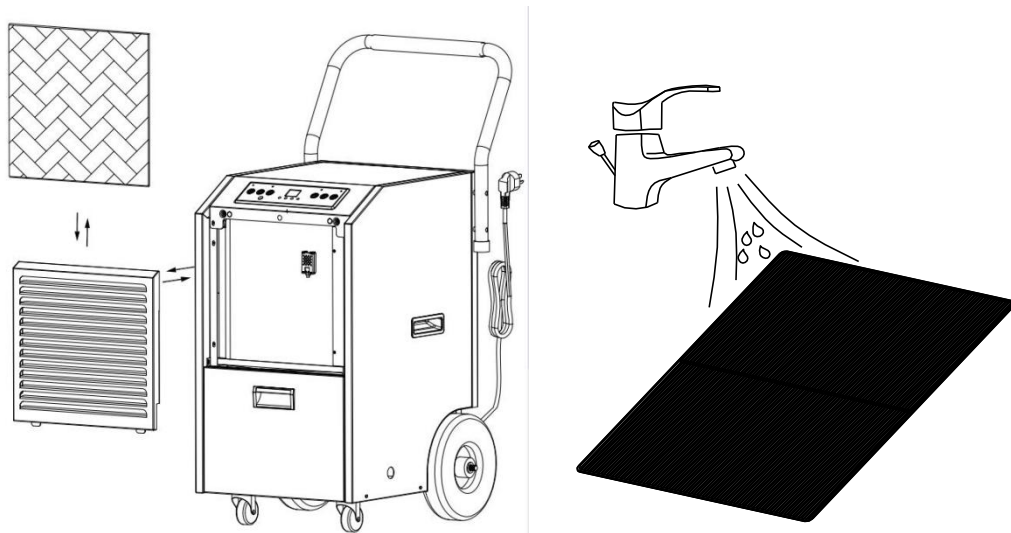
Note: during defrost, light won't be off until the defrost is over.

8.ERROR CODE

- (1) "E1": If the temperature sensor got failure, it will show "E1". The system works in circle of dehumidification for 30 minutes and defrosting for 15 minutes. We should replace the faulty temperature sensor with a new one.
- (2) "E2": If the humidity sensor got failure, it will show "E2". The humidity adjusting button will not work. The system works in circle of dehumidification for 30 minutes and defrosting for 15 minutes. We should replace the faulty humidity sensor with a new one.
- (3) "CL": When the room temperature $< 41^{\circ}\text{F}$, it will show "CL", the machine stops running.
- (4) "CH": When the room temperature $> 100^{\circ}\text{F}$, it will show "CH", the machine stops running.
- (5) "LO": When the room humidity $< 20\%\text{RH}$, it will show "LO", the machine stops running.
- (6) "HI": When the room humidity $\geq 95\%\text{RH}$, it will show "HI", the machine is working normally.

9.MAINTENANCE

- 9.1 Clean the machine with a soft wet cloth.
- 9.2 Pull the louver on the front panel out to gain access to the filter.
- 9.3 Remove the filter mesh out of the unit.
- 9.4 Use a clean rag to adsorb the dust on the filter mesh surface.
If the filter is extremely dirty, use tap water to flush the filter. Fully dry the filter before putting it back into the air inlet fence. A clean filter can increase the machine's capacity.



10.MACHINE STORAGE

If you don't use the unit for an extended period of time, please store it follow the following steps:

- (1) Clean the filter mesh.
- (2) **ATTENTION:** The evaporator inside the machine has to be dried out before the unit is packed to avoid component damage and molds. Unplug the unit and place it in a dry open area for days to dry it out. Another way to dry the unit is to set the humidity point more than 2% higher than the ambient humidity to force the fan to dry the evaporator for a couple of hours.
- (3) Collect the power cord, bunch it, and hung it in the power cord pocket at the back of unit.
- (4) Store in a clean, dry environment.

11.TROUBLE SHOOTING

Please confirm by after-sale service for the following conditions.

Trouble	Cause	Solution
Machine does not run	Unit is not plugged in.	Plug in the unit.
	Room temperature is under 41°F or above 100°F.	To protect the machine, use it only when ambient temperature is between 41-100°F.
Machine runs but does not dehumidify	When the humidity set point is 3% higher than ambient humidity.	Reset the humidity to a lower set point, or power off the machine if the humidity has satisfied you.
Reduced dehumidifier capacity	Filter mesh jammed.	Clean the filter mesh according to manual.
	Air-in and/or Air-out louvers jammed.	Clear the blockage from Air-in and/or Air-out louvers.
No air inlet	Filter mesh or air-in louver jammed.	Clean the filter according to instructions or clean the louver blockage.
Loud Operation	Machine is situated on an incline or decline slope.	Move it to flat ground.
	Filter mesh jammed.	Clean the filter mesh according to instructions.

Cautions: Switch off the unit and unplug it immediately if anything abnormal happens. Then contact a qualified electrician.

Do not dispose of electrical appliances as unsorted municipal waste, use separate collection facilities.

Contact your local government for information regarding the collection systems available.

Thank you for purchasing this product! If you have any questions about the product, such as missing parts, damaged products, product assembling, and operation, please contact us via **Amazon Message** or customer service number: **213-4467172** or **661-4358826**

IMPORTANT

Please call our customer service department for any consulting:

213-4467172

661-4358826

(8:30am - 5:30pm P.S.T.)

DATED PROOF OF PURCHASE IS REQUIRED FOR WARRANTY SERVICE.

AVIS

Veuillez appeler le service à la clientèle pour toutes questions au:

213-4467172

661-4358826

(8:30am - 5:30pm P.S.T.)

PREUVE D'ACHAT ORIGINALE REQUISE POUR SERVICE DE GARANTIE.

IMPORTANTE

Sólo hay que llamar nuestro departamento de servicio al cliente en caso de tener preguntas o inquietudes:

213-4467172

661-4358826

(8:30am - 5:30pm P.S.T.)

SE REQUIERE PRUEBA DE COMPRA CON FECHA PARA SERVICIO BAJO GARANTÍA.

Address : 9733 Topanga Canyon Blvd. APT310, Chatsworth, CA 91311

Phone: 213-4467172 or 661-4358826