# **USER'S MANUAL**



# LIVE THE FUTURE SPLIT-TYPE AIR CONDITIONER



## LLOYD ELECTRIC & ENGINEERING LTD.

To avail 03 Free preventive maintenance services within 1 year of Warranty Please call us at our Toll Free No.

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#### NIPUN SINGHAL DIRECTOR

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## **Brief Introduction**

This mobile air conditioner is a new generation air conditioner which is designed for being used in bedroom, study room, lobby, office, meeting room, warehouse, attics, sports hall and other entertainment room. Its characteristic of flexibility characteristic enable easy adjustment to desirable room temperature and humidity. Besides, the built-in filter can remove floating dust, purify air to create a healthy working environment.

It is designed under novelty, practicality and convenience principles to satisfy the needs for convenient, efficient and mobile small-sized air conditioner. It features easy using, no need for complicated installation and convenient maintenance. Besides, the double control system (remote control /manual control optional ) simplifies its operation.

The unit is highly competitive to other cooling capable products. With tidy structure, multiple functions, auto-drain function and reasonable ventilation design, the unit minimizes noise and power consumption. Aiming at harmonizing human life, our company adopts human factors into design, and produces this high efficiency mobile air conditioner.

## **Safety Precaution**

Your safety and safety of others are very important. We have provided many important safety message in this manual and on your appliance. Always read and obey all safety message.

<b>WARNING</b> This symbol indicates the possibility o or serious injury.	
	This symbol indicates the possibility of injury or damage to properties only.

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- This appliance can be used by children aged from 8 years 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 using of the appliance in a safe way and understanding the hazards involved.
- Children shall not play with the appliance. Cleaning and user maintenance shall not be made by children without supervision.
- The air conditioner must be grounded .Incomplete grounding may result in electric shocks.Do not connect the earth wire to the gas pipeline,water pipeline,lightning rod,or telephone earth wire.After installment,earth leakage examination must be carried on through electrifying.
- An earth leakage breaker with rated capacity must be installed to avoid possible electric shocks.
- Don't install air conditioner in a place where there is flammable gas or liquid.

It may cause fire.

- If the power supply cord is damaged, it must be replaced by the manufacture or its service agent or a similar qualified person.
- The specification of fuse is AC250V T3.15AL.

# • Don't put a finger, a rod or other object into the air outlet or inlet.

As a fan is rotating at a high speed, it will cause injury.

#### • Don't touch the swinging wind vanes.

It may clamp your finger and damage the driving parts of the wind vanes.

## • Don't attempt to repair the air conditioner by yourself.

You may be hurt or cause further malfunctions.

- In lighting storm weather, please cut off the primary power supply switch in order to prevent the machine from damage.
- Don't use liquid or corrosive detergent to clean the appliance and don't splash water or other liquid onto it, otherwise, it may damage the plastic components, even cause electric shock.

## • Don't operate the unit in the laundry rooms.

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- Don't apply the cold air to the body for a long time. It will deteriorate your physical conditions and cause health problems.
- Clean the air conditioner with a piece of soft and dry cloth. Don't use these stuffs for cleaning: chemical solvent, insecticide,inflammable spraying materials which will damage the appearance of air conditioner .Don't sprinkle water directly on the indoor unit.
- Close the windows and doors, otherwise, the cooling or heating capacity will be weakened.
- If the air filter is very dirty, the cooling or heating capacity will be weakened.Please clean the air filter regularly.

# **Technical Specifications**

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\* The descriptions in this user manual are text and figures may have slightly difference to the promotion information and actual appliance. Please refer to the real appliance purchased, Thank you.

\* The woking temperature range of the air conditioner is 16~35  $^\circ\!C$  under cooling mode; 5~27  $^\circ\!C$  under heating mode .

## Accessories

Parts	Parts name	Quantity
	Exhaust hose Apaptorl and Adaptor B( flat mouth or round mouth: depending on models ) Window Slider Kit and bolt	1set
	Wall Exhaust Adaptor A(#)	1pc
$\bigcirc$	Adaptor B(round mouth)(#)	1pc
	Bolt and Nut	1pc
	Drain hose (#)	1pc
	Remote controller and Battery	1pc

#### NOTE: Optional parts (#), some models without.

#### NOTE:

Please select button on the remote controller according to the related functions on the display, the other buttons of remote controller are invalid.



- LOW-Low speed indicator
- COOL-Cool indicator
- HEAT-Heating indicator(cold wind type unit without this display)
- DRY-Dry indicator
- FAN-Fan indicator
- TIMER-Time indicator
- SLEEP-Sleep indicator
- SWING-Swing indicator

Note: This icon is for all the buttons and display, if you buy the entity which is different from the icon, please depend on the entity which you purchase.

#### **Function buttons**

1. 🛈 button

Press this button to make the unit run or stop.

2.  $\oplus$  or  $\bigcirc$  button

Press  $\oplus$  or  $\bigcirc$  button to make the room setting temperature increase or decrease.

3. ( button

Each time you press this button, a mode is selected in a sequence that goes from COLL, HEAT, DRY and FAN.

4. (9) button

This button is used for setting fan speed in the sequence that goes from LOW, MID, to HIGH, then back to LOW.

- *Note :*1. Timer, Sleep, Swing function, "Auto" mode and "Auto" fan speed can be selected by remote controller not by control panel.
  - 2. Other functions on control panel are as same as remote controller's.

## Operation

#### WARNING

Failure to follow the below precaution could result in electrical shock, fire or personal injury.

- 1. The plug must be plugged into an outlet that is properly installed and grounded.
- 2.Do not use an extension cord or plug adaptor with this unit.

#### Before starting the unit

- 1. Select a suitable location, make sure the unit is near to an electrical outlet.
- 2. Install the flexible exhaust hose and the adjustable window slider kit.
- 3. Plug the unit into a right outlet.
- 4. Turn the unit on.

## Heating operation mode (Cold wind type has no heating function)

- 1. Press the MODE button in a sequence until the heat display is lighted.
- 2. Press the "+" and "-" button to setting your desired setting temperature.
- 3. Press FAN button to select the fan speed.
- 4. Press ON/OFF button to start the unit and press it again to stop.

Attention: Operationing the heating mode, firstly, needs to replace the location of the shutters and the exhaust pipe, specifically see "installation method to replace the shutters".

#### **Cooling operation mode**

- 1. Press the MODE button in a sequence until the cool display is lighted.
- 2. Press the "+" and "-" button to set your desired setting temperature.
- 3. Press FAN button to select the fan speed.
- 4. Press ON/OFF button to start the unit and press it again to stop.

### Drying operation mode

- 1. Press the MODE button in a sequence until the dry display is lighted.
- 2. The fan will run at a fixed speed at this operation mode.
- 3. Close windows and doors for the best dehumidifying effect.
- 4. Press ON/OFF button to start the unit and press it again to stop.

### **Circulation operation mode**

- 1. Press MODE button in a sequence until the fan display is lighted.
- 2. Press the FAN button to select the fan speed.
- 3. Press the ON/OFF button to start the unit and press it again to stop.

#### **Timer operation**

- 1. Press the TIMER button .
- 2. Press the "+" and "-" button to adjust your timer time.
- *Note:* "Time off " is effective only when the air-conditioner is running.
  - "Time on " is effective only when the air-conditioner is stopped.

#### Deal with water condensate

When the inside water tank is full, the indicator of control panel display "P1".

- 1. Open the drain cover and extract it upwards.
- 2.put one container or drain cover under the drain pipe, take off the plug on the drain pipe and let out the condensing water.
- 3.after let out all the condensing water, put the plug back onto the drainage outlet, then cover the drain cover.

IMPORTANT: This water is not suitable for drinking.

# Installation

#### Guide of customer

- The customer should have a qualified power supply coincident with that printed on the tag of the air conditioner. Its voltage should be in the range of 220~240V.
- Must use special circuit and efficient grounding outlet matching with the plug of the air conditioner.
- 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 appliance should be installed in accordance with national wiring regulation.
- The plug should be easily accessible after installation.
- If the fuse of unit on PCB is broken, please change it with the type of F3.15A/250V.

#### Select a best location

- 1.Install the mobile air conditioner in a flat and spacious location where the air outlets will not be obstructed.
- 2.A minimum clearance of 50cm from walls or other obstacles should be kept.
- 3. The gradient can't be more than 10 degrees with the horizontal plane, while putting / and using the utensil
- *Note:* 1. The air conditioner shall not be used in the laundry.
  - 2. The plug shall be accessible after the unit is positioned.





More than 50cm

#### **Duct mount instruction**

1. Put the side of duct to the exhaust air outlet of mobile air conditioner. Fix it with unit correspondingly, then turn right. Push it downwards, make sure that it is fixed thoroughly.



2. Put the other side of the duct to adaptor.



3. Put the adaptor subassembly to a nearby window.



Note: 1.The duct can be compressed to 450mm minimum and extended to 1800mm maximum. It is better to keep the duct length to a minimum.
2.Stretching or bending the duct excessively will affect the cooling efficiency. (As the following fig. Shows)

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#### Window kit installation

Your window kit has been **designed** to fit most standard vertical and horizontal window applications. However, it may be necessary for you to improve or modify some aspects of the installation procedure for certain types of window. Please refer to fig. A &fig. B for minimum and maximum window openings.





Bolt -

Note: The bolt and nut are used to fix window fixing board.

## Maintenance

Your new air conditioner is designed to give you the dependable service for many years. This section tells you how to clean and care for your air conditioner properly. Call your local authorized dealer for an annual checkup. Remember the cost of this service call is your responsibility.

### **Cleaning Air Filter**

If the air filter is covered by dust, the cooling capability will be decreased. Please clean the air filter every two weeks.

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- 1. Turn off the air conditioner and cut off the power supply.
- 2. Pull out the filter cover and remove the filter from cover.
- 3. Wash air filter in warm soap water. Do not put air filter in the dishwasher or use any chemical cleaners. And dry filter completely before replacing.
- 4. Attach the air filter to the filter cover using the attachment hooks on the inner surface of the cover. Put the filter cover back to its place.



### **Cleaning The Unit**

- 1.For the purpose of safety, please turn off the air conditioner and cut off the power supply .
- 2. Wipe the unit with dry cloth .
- 3.If the unit is very dirty, please wipe with wet cloth dipped by cold water .
- **Note:** if you don't use the unit for a long time, please pull out the rubber plug to drain the inside water out referring to right figure.



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- \*\*Do not use gasoline ,benzene ,thinner or any other chemicals, or any liquid insecticide on the air conditioner, as these substances may cause flaking off of the paint ,cracking or deformation of plastic parts .
- Never attempt to clean the unit by pouring water directly over any of the surface areas, as this will cause deterioration of electrical components and wiring insulation.

WNever use hot water over 40  $^{\circ}\text{C}(104^{\circ}\text{F})$ to clean the air filter.

## Troubleshooting

To save the cost of a service call, please try the suggestions below to see if you can solve your problem without outside help.

#### Air Condition Will Not Operate

Causes	Solutions
•The power switch is released.	■Switch on the power.
<ul> <li>Power supply failure.</li> </ul>	■Wait for the recovery of power supply.
●The fuse is burnt.	■Replace the fuse.
<ul> <li>It doesn't reach the setting time for starting up.</li> </ul>	■Wait or eliminate the original setting.

#### Unit Doesn't Start When Pressing ON/OFF Button

Causes	Solutions
<ul> <li>It is not three minutes after switch off.</li> <li>Room temperature is lower than the setting temperature.</li> </ul>	■Wait three minutes. ■Reset the temperature.

#### The Wind Blowing Out, But The Cooling Effect Is Bad

Causes	Solutions
<ul> <li>Mistakes in temperature setting.</li> </ul>	Set a proper temperature, setting temperature should be lower than ambient temperature.
The air filter is blocked by dust.	■Clean the air filter.
•The air inlet or outlet of machine is blocked.	■Remove the obstruction.
<ul> <li>Turn the air conditioner on in very hot room.</li> </ul>	Allow additional time to remove stored heat from walls ,ceiling, floor and furniture.
Cooling capacity is insufficient.	Reconfirm the required cooling capacity with your dealer.
●The doors or windows are open.	Close the doors and windows.
Noise or vibration	

Causes	Solutions
<ul> <li>The ground is not level or not flat enough.</li> </ul>	■Place the unit on a flat, level ground if possible.

## **WEEE Warning**

#### Meaning of crossed out wheeled dustbin:

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.

If electrical appliances are disposed of in landfills or dumps, hazardous substances can leak into the groundwater and get into the food chain, damaging your health and well-being. When replacing old appliances with new ones, the retailer is

legally obligated to take back your old appliance for disposals at least free of charge.



#### The oil of compressor used as below table:

Compressor Manufacturer or Trade mark	Refrigerant	The name of oil
Highly	R410A	$\alpha$ 68HES-H or equivalent
riigiiiy	R22	DIAMOND MS-56 or NM56EP or equivalent
Meizhi	R410A	ESTER OIL Vg74
Weizm	R22	SUNISO 4GSD or NM56EP or equivalent
Rechi	R410A	NMOC Ze-Gles RB68EP or equivalent



## WARRANTY TERMS AND CONDITIONS

M/S.LLOYD ELECTRIC & ENGINEERING LTD., WARRANTS THIS **LLOYD** AIR CONDITIONERS (except front grill, knobs, remote unit & add-on plastic parts) TO THE ORIGINAL PURCHASER TO BE FREE FROM DEFECTS IN MATERIALS AND WORKMANSHIP WITHIN ONE YEAR FROM THE DATE OF PURCHASE AS PROVIDED IN THE WARRANTY REGISTERATION CARD :

**LLOYD ELECTRIC & ENGINEERING LTD.**, HEREAFTER WARRANTS TO THE PURCHASER OF THIS **LLOYD** AIR CONDITIONERS THAT FOR A PERIOD OF SIXTY MONTHS FROM THE DATE OF INVOICE. WE WILL REPAIR/ REPLACE THE COMPRESSOR WHICH PROVES UPON INSPECTION BY US OR ANY OF OUR AUTHORISED SALES DEALERS TO HAVE BEEN DEFECTIVE DUE TO MANUFACTURING DEFECT.

This warranty is subject to terms and conditions as mentioned below:

- 1. This warranty shall be valid only for the said period of 12 months as specified above, irrespective of whether the said unit has been in use or not for any reason whatsoever, or the unit is moved from one location to another. Warranty does not cover accessories external to the equipment.
- 2. The warranty period specified above shall include time taken for repairs , replacements , breakdowns, transit time etc. No notice of expiry period of warranty will be given by the company.
- 3. This warranty shall stand automatically terminated in the event of the said unit being serviced, repaired, installed, de-installed, re-installed or otherwise attended to by any person or organization or agency or by the said purchaser himself other than the authorized representative of the company.
- 4. Parts of the unit replaced or repaired under the terms of this warranty are warranted only for the remaining period of the original warranty period.
- 5. For attending any service call under this warranty beyond the municipal limits of the locality in which the authorized representative/dealer is situated (outstation locations), all to and fro travelling and other incidental expenses as prevailing from time to time incurred in connection with the visit of the service personnel, technicians, etc shall be borne by the said purchaser and shall be payable in advance. Additionally, all expenses incurred by the authorized representative /dealer in collecting the said unit or any part thereof from such outstation locations and its return to the original location shall be borne by the said purchaser.
- 6. Any loss of refrigerant caused due to sabotage, improper handling or treatment, carelessness, accident, fire, flood earthquake or any natural calamity any corrosive action on the original refrigerant pipes, fittings, valves etc for whatever reasons, shall not be covered under this warranty.
- 7. In the event of any change in the location of the unit during the warranty period, this warranty shall become null and void unless the fact of the proposed change is communicated in writing to the authorized dealer at least seven (7) days prior to the said change. On receipt of such information the authorized dealer or any of its counterparts shall arrange for de-installation of the said unit on chargeable basis. However, in the event of any damage occuring to the unit or to any of its parts during the course of its transit by the said purchaser, repair or replacement , the said unit or any part thereof damaged shall not be covered by this warranty.



- 8. It shall be the absolute discretion of the company to a) effect the repairs or replacement of parts whether at the site of installation or at any service centre , and b) have the job attended to either by the Company's service personnel or its authorised dealer .
- 9. This warranty is in the nature of and for the purpose of set forth herein above and in particular the Company shall not in any event be liable for direct, indirect, incidental or consequential loss or damages to either the said purchaser and /or his property or any other third party.
- 10. The Air Conditioners is designed to operate at a range (230V +/- 10%). Any failure due to operation of the machine beyond these limits will not be covered by the above warranty.

Customer shall ensure that a stabilizer is installed in those areas where voltage is not available within the warranty range (230V + /-10%). The stabilizer should be of any reputed manufacturer, tested and recommended by the Company.

- 11. The purchaser should preserve the original invoice for necessary verification and produce , as and when required.
- 12. Warranty null and void if:
  - i. The Air Conditioners is not purchased from the authorized dealers of the company.
  - ii. The Service Centre copy of warranty card is not received within **7** days of date of purchase at the nearest Authorised Service Centre.
  - iii. Any damage is caused by accident , mishandling, tampering with installation, or negligence in following instructions of the user manual issued by Company.
  - iv. Any damage is caused by improper electrical circuit outside the unit or by any defective electrical supply .
  - v. At any time, during the warranty period if any part of the unit is tampered with , altered, repaired or serviced by any unauthorized person, not being the authorized representative of the company or its authorized dealers.
  - vi. The serial number of the unit or any part thereof is damaged , defaced, altered, obliterated , or tampered with or removal for any reason whatsoever.

viii. The unit is unauthorisedly moved from its original place of installation or re-installation.

- 13. None of the employees and /or Authorized Dealers of the Company have any authority whatsoever to vary the terms and conditions of this warranty.
- 14. This warranty shall be deemed to have been issued at **Delhi**, and courts at **Delhi** shall have exclusive jurisdiction on matters covered by or following from this warranty, and the original purchaser alone shall have cause of action arising out of the transaction.

Serial No.	Warranty Regi	
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I Accept The Tern	ns And Conditions of The Warranty	Customer Signature
Thank you for s	electing a World Class product and we as	ssure you that it will perform as per your expectations
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We welcome v	our Valuable Suggestions, if any, to Impr	ove our Products and Services ·
We welcome y	our variable suggestions, if any, to impr	ove our rioducts and services.
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Thank you for selecting a World Class product and we assure you th We thank you for taking your time to complete this form. All Information Pro (Please Fill In, Tear off, Fold and Mail this form to Reach us within 10 d We welcome your Valuable Suggestions, if any, to Improve our Pr	hat it will perform as per your expectations vided by You will be Kept Confidential. lays of the Product Purchase.)
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