

TCL

Hi! Let's Get Started.

Dual Hose Portable Air Conditioner

User Manual



IMPORTANT SAFETY INSTRUCTIONS
Before installing and using your air conditioner, please read this owner's manual carefully. Store this manual in a safe place for future reference. Your safety and the safety of others is very important to us.
Please pay attention to all safety messages outlined in this owner's manual.
WARNING: To reduce the risk of fire, electrical shock or injury when using your air conditioner, follow the following basic precautions:
ELECTRICAL REQUIREMENTS
The electrical ratings for your air conditioner are listed on the model and serial number label located on the front right side of the unit (when facing the front).

WARNING	Specific electrical requirements are shown in the diagram below. Follow the requirements below for the type of plug on the power supply cord.	
Electrical Shock Hazard	Wiring Requirements	Power Supply Cord
Plug into a grounded 3 prong outlet. Do not remove the ground prong. Do not use an adapter. Do not use an extension cord. Failure to follow these instructions can result in death, fire, or electrical shock.	60Hz, 155V AC outlet protected by a 15 amp time delay fuse or circuit breaker.	 PREFERRED GROUNDING METHOD

RECOMMENDED GROUND METHOD
For your personal safety, this air conditioner must be grounded. This air conditioner is equipped with a 3 prong power supply cord with a grounded plug. To minimize the possibility of electrical shock, the cord must be plugged into a 3 prong outlet and grounded in accordance with all local codes and ordinances. If a 3 prong outlet is not available, it is the customer's responsibility to have a properly grounded 3 prong outlet installed by a qualified electrician.

FCC CAUTION
This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation. Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.
Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. This equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:
-Reorient or relocate the receiving antenna.
-Increase the separation between the equipment and receiver.
-Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
-Consult the dealer or an experienced radio/TV technician for help. The distance between user and device should be no less than 20cm.

BE CAREFUL WHEN REMOVING THE AIR CONDITIONING UNIT

Important Considerations & Safety Precautions

This manual contains many helpful tips on how to use and maintain your AC properly. Just a little preventive care on your part can save you a great deal of time and money over the life of your AC. You will find answers to common problems encountered in the Troubleshooting Tips chart. It is recommended to review this chart first, prior to calling our service centers.

CAUTION!

- This appliance should not be used by children without direct supervision. Persons with reduced physical, sensory, and mental capabilities, or lack of experience and knowledge should be given supervision or instruction concerning use of the appliance in a safe way and hazards it may involve. Cleaning and user maintenance shall also not be made by children without supervision.
- Children should be supervised to ensure that they do not play with the appliance.
- If the supply cord is damaged, contact a service center.
- The appliance shall be installed in accordance with all applicable local and national regulations.
- Do not operate your AC in a wet room, such as a bathroom or laundry room.
- ACs equipped with electric heater should be installed at a distance of at least 1 meter from combustible or inflammable materials
- Contact an authorized service technician for repair or maintenance of this unit.
- Contact an Authorized installer for installation of this unit if help is required.

To prevent injury to the user or other people and property damage, the following instructions must be followed. Failure to follow these instructions may lead to incorrect operation, causing harm and damage.

- The seriousness is classified by the following indications:

WARNING! This symbol indicates the possibility of death or serious injury.

CAUTION! This symbol indicates the possibility of damage to properties only.

- Meanings of symbols used in this manual are as shown below:

WARNING		
Plug the power plug in properly.	Do not operate or stop the unit by inserting or pulling out the power plug.	Do not damage or use an unspecified power cord.
Otherwise, it may cause an electric shock or fire due to heat generation.	It may cause an electric shock or fire due to heat generation.	It may cause an electric shock or fire. If the power cord is damaged, it must be replaced at an authorized service center, or a similarly qualified service company in order to avoid a hazard.
Do not modify the power cord length or share the outlet with other appliances.	Do not operate with a wet hand or in a damp environment.	Do not direct airflow at room occupants only.
It may cause an electric shock or fire due to heat generation.	It may cause an electric shock.	This could lead to health concerns.

CAUTION		
When the air filter is to be removed, do not touch the metal parts of the unit.	Do not clean the AC with water.	Ventilate well when used together with a stove, etc.
It may cause an injury.	Water may enter the unit and degrade the insulation. It may cause an electric shock.	An oxygen shortage may occur.
When cleaning the unit, switch it off and remove it from the outlet.	Do not place a pet or houseplant where it will be exposed to direct airflow.	Do not use it for special purposes.
Since the fan rotates at high speed during operation, it may cause an injury.	This could cause harm to the pets or plants.	Do not use this AC to preserve precision devices, food, pets, plants, and art objects. It may cause deterioration of quality, etc.
Do not operate switches with wet hands.	Do not apply insecticides or flammable sprays.	Do not place a heater or other combustible materials where they will be exposed to direct air flow.
It may cause an electric shock.	It may cause fire or deformation of the unit's cabinet.	It may cause imperfect combustion.

For your safety

- Do not store or use gasoline or other flammable vapors and liquids in the vicinity of this product or any other appliance.
- To avoid fire hazard or electric shock, do not use an extension cord or an adaptor plug. Do not remove any prong from the power cord.

Electrical Information

- Ensure that the electrical requirements are met for the model you have chosen. This information can be found on the serial plate, which is located on the side of the unit's cabinet.
- Be sure the AC is properly grounded. To minimize shock and fire hazards, proper grounding is important. The power cord is equipped with a three-prong grounding plug for protection against shock hazards.
- Your AC must be used in a properly grounded wall receptacle. If the wall receptacle you intend to use is not adequately grounded or protected by a time delay fuse or circuit breaker, have a qualified electrician install the proper receptacle.
- Ensure that the receptacle is accessible after the unit installation.
- Do not run AC with outside protective cover in place. This could result to mechanical damage within the AC.

Note: This AC is designed to be operated under the following conditions:

	Indoor side	18 °C-35°C / 64°F-95°F	Discharge: 5.0MPa, Suction: 3.8MPa
Cooling mode	Outdoor side	10 °C-43°C / 50°F-109°F	Discharge: 5.0MPa, Suction: 3.8MPa
Heating mode	Indoor side	10 °C-25°C / 50°F-77°F	Discharge: 5.0MPa, Suction: 3.8MPa
	Outdoor side	10 °C-25°C / 50°F-77°F	Discharge: 5.0MPa, Suction: 3.8MPa

Note: Performance may be reduced outside of these operating temperatures.

Note: All pictures and figures shown in this manual are for illustrative purposes only, and may vary from those of your AC. However, please note that the actual shape shall prevail.

Note: HEAT MODE (only for models with the heating function).

Points to consider when using the AC

WARNING
To reduce the risk of fire, electric shock, or injury to persons, read the Safety Precautions before operating this appliance.

Note: If the AC is turned off, wait for 3 minutes before restarting the unit. This allows pressure inside the compressor to equalize. Failure to follow these instructions may be harmful to your unit.

Power supply voltage

If the power supplied to the unit is not within ± 10% of the specified rating, the unit may not function and can cause a fuse to blow.

Noise level

Noise from the AC will be louder at night than during the day because the ambient or external noises are relatively lower at night. If you find the noise from the AC too loud, try adjusting the thermostat to a higher temperature.

Energy Saving Ideas

- Ensure your unit is adequate for the intended room by checking the unit's sq. ft. coverage.
- Install the room AC on the shaded side of your room, if possible.
- Do not block air flow inside with blinds, curtains or furniture, or outside with shrubs, enclosures, or other buildings.
- Keep blinds and drapes in other windows closed during the sunniest part of the day.
- Clean the air filter as recommended in the "Maintenance" section.

INSTALLATION MANUAL---Important considerations

When compared with other refrigerants, R32 is more environmentally friendly. Please use this product as instructed. This refrigerant is flammable and may combust under certain conditions, however when this product is used as directed these risks are significantly reduced. Always consult with a trained professional when maintaining or repairing an air conditioner.

Warning

- Please read the manual before installing, using, or conducting maintenance.
- Do not use means to accelerate the defrosting process or to clean, other than those recommended by the manufacturer.
- Be aware that refrigerants may not contain an odor.
- Do not pierce or burn the appliance.
- The appliance shall be stored in a room without continuously operating sources (for example: open flames, an operating ignition gas appliance or an operating electric heater).
- Please contact the nearest after-sale service center when maintenance is necessary. At the time of maintenance, the maintenance personnel must strictly comply with the Operation
- Manual provided by the corresponding manufacturer and any non-professional is prohibited to maintain the air conditioner.
- It is necessary to comply with the provisions of gas-related federal, state, and local laws and regulations.
- It is necessary to clear away the refrigerant in the system when maintaining or recycling an air conditioner by a trained professional.

Warning: flammable & Dangerous	Read the user manual	Read the installation manual	Read the service manual
Important Considerations - The air conditioner you buy must be installed by professional personnel and the "Installation manual" is used only for the professional installation personnel - The installation specifications should be subject to our after-sale service regulations. - When filling the flammable refrigerant, please use caution to avoid serious injury. - A leak test must be done after the installation is completed. - It is a must to perform the safety inspection before maintaining or repairing an air conditioner using flammable refrigerant in order to ensure that the fire risk is reduced to a minimum. - Requirements for the total weight of filled refrigerant and the area of a room to be equipped with an air conditioner (are shown as in the following Tables GG.1 and GG.2)			

INSTRUCTIONS FOR SERVICING(R32)

The maximum charge and the required minimum floor area

$$m_1 = (6 \text{ m}^3) \times \text{LFL}, m_2 = (52 \text{ m}^3) \times \text{LFL}, m_3 = (260 \text{ m}^3) \times \text{LFL}$$

Where: LFL is the lower flammable limit in kg/m³. R32 LFL is 0.306 Kg/m³.

For the appliances with a charge amount $m_1 < M_{max}$:

The maximum charge in a room shall be in accordance with the following:

$$M_{max} = 2.5 \times (\text{LFL})^{1/3} \times h_r \times A^{1/2} \text{ not to exceed } M_{max} = SF \times \text{LFL} \times h_r \times A \text{ (GG.3DV)}$$

The required minimum floor area A_{min} to install an appliance with refrigerant charge $M(\text{kg})$

$$\text{Shall be in accordance with following: } A_{min} = [M / (2.5 \times (\text{LFL})^{1/3} \times h_r)]^2 \text{ not less than } A_{min} = M / (SF \times \text{LFL} \times h_r) \text{ (GG.4DV)}$$

Where:

Table GG.1 - Maximum charge (kg)									
Category	LFL (kg/m³)	Floor area (m²)							
R32	0.306	h _c (m)	4	7	10	15	20	30	50
		0.6	0.4	0.6	0.9	1.3	1.5	1.8	2.3
		1	0.6	1.0	1.5	2.1	2.4	3.0	3.9
		1.8	1.1	1.9	2.7	3.8	4.4	5.4	6.9
		2.2	1.3	2.3	3.3	4.7	5.4	6.6	8.5

Table GG.2 Minimum room area(m²)									
Category	LFL (kg/m³)	h _c (m)	Charge amount (M) (kg)						
			Minimum room area (m²)						
R32	0.306	1.22	1.84	2.45	3.67	4.90	6.12	7.96	
		0.6	31.43	55.87	125.72	223.50	349.21	590.17	
		1	12.41	20.11	45.26	80.46	125.72	212.46	
		1.8	6.89	9.19	13.97	24.83	38.80	65.57	
		2.2	5.64	7.52	11.28	16.62	25.97	43.90	

Installation Safety Principles

1. Site Safety



2. Operation Safety



3. Installation Safety



Please note that:

- The installation site should be in a well-ventilated area.
- The sites for installing and maintaining an air conditioner using Refrigerant R32 should be free from open fire or welding, smoking, drying oven or any other heat source higher than 548°F which easily produces open fire.
- When installing an air conditioner, it is necessary to take appropriate anti-static measures such as wear anti-static clothing and/or gloves.
- Installation or maintenance location should not be surrounded by obstacles or close to any heat source, flammable, and/or explosive areas or objects.
- If the product suers refrigerant leak during the installation, all personnel should go out till the refrigerant leaks completely for 15 minutes. If the product is damaged, a professional must carry such damages product back to the maintenance station. It is prohibited to weld the refrigerant pipe or conduct other operations on the contaminated site.
- The air conditioner unit needs to sit on a flat even surface.
- It is necessary to avoid the places where there are other electrical products, power switch plugs and sockets, kitchen cabinet, bed, sofa and other valuables directly under the lines on two sides of the indoor unit.
- Any ventilation openings of unit should be free from obstructions.

If the appliance have the Wi-Fi function , the transmission power: less than 20dBm, and the radio frequency range is: 2412MHz-2472MHz.

According the US and CANADA ruler:

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Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.
- The distance between user and device should be no less than 20cm.

IC Warning

This device complies with Industry Canada's license-exempt RSSs. Operation is subject to the following two conditions:

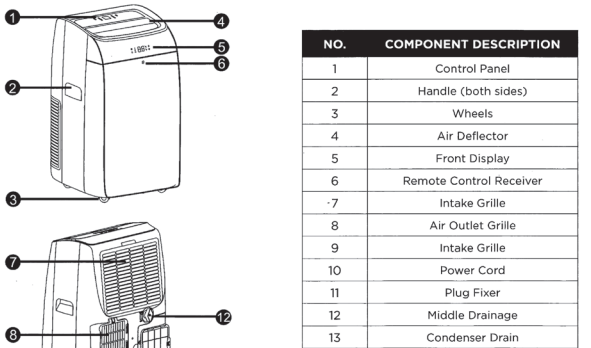
- This device may not cause interference; and
- This device must accept any interference, including interference that may cause undesired operation of the device.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.

What's in the Box

(Accessory type and quantity may vary depending on the model.)

NO.	APPEARANCE	PART NAME
1		Exhaust Hose
2		Window Slider Kit (extends up to 59")
3		Remote Control
4		Foam Insulation



Note: Illustrations in this manual are for explanatory purposes only. Product design and aesthetics may vary. Make sure all accessories are moved from the packing before use.

Getting Started

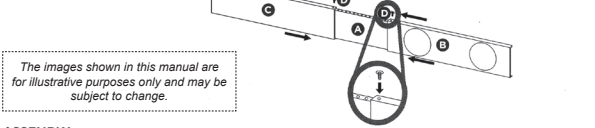
Window Slider Kit Installation

The window slider kit has been designed to fit most standard vertical and horizontal window applications; however, it may be necessary for you to modify some aspects of the installation procedures for certain types of windows. The window slider kit can be fastened with screws.

Note: If the window opening is less than the minimum length of the window slider kit, cut the end opposite of the hole short enough to fit in the window opening. Never cut out the hole in window slider kit.

PARTS

- A. Panel
- B. Panel with Hole
- C. Additional Panel
- D. Screw/Pin (Not included)



ASSEMBLY

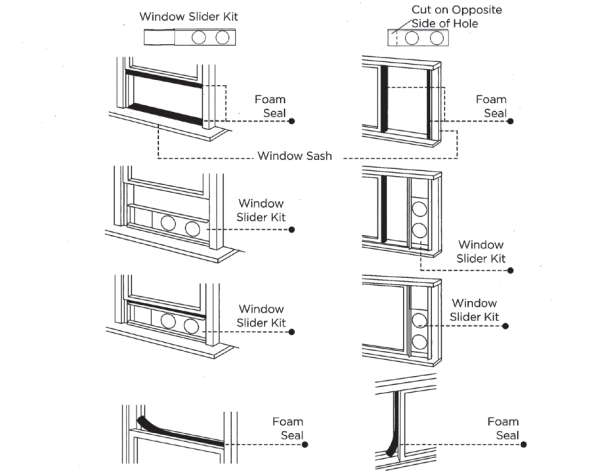
- Slide Panel B into Panel A and size to window width. Windows sizes vary. When sizing the window width, be sure that the window kit assembly is free from gaps from gaps and or air pockets when taking measurements.

LOCK SCREW/PIN

- Lock the screw/pin into the holes that correspond. With the width that your window requires to ensure that there are no gaps or air pockets in the window kit assembly after installation.

FOAM SEALS

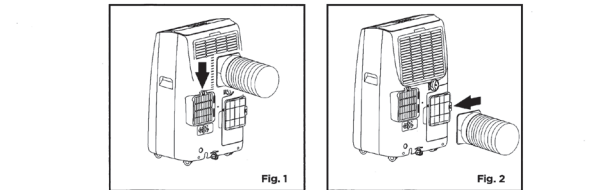
- Cut the foam seal (adhesive type) to the proper length and attach it to the window sash.
- Attach the window slider kit to the window sash. Adjust the length of the window slider kit according to the width of window. If necessary, mark the kit and cut one end down to properly fit the window.
- Cut the foam seal (adhesive type) to the proper length and attach it on the top of the window.
- Close the window securely against the window slider kit.
- Secure the window slider kit to the window sash.
- Cut the foam seal to an appropriate length and seal the open gap between the top window frame and outer window frame.



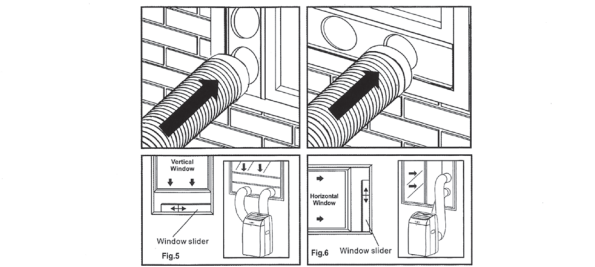
Assembling Exhaust Hoses

When using the appliance in cool mode, the unit must exhaust the condenser's hot air outside. First, position the unit on a flat floor and make sure there's a minimum of 18" (45cm) clearance around the unit, and is within the vicinity of a single circuit outlet power source.

- Install the hose inlet of each hose to the unit as show in Fig. 1 and Fig. 2

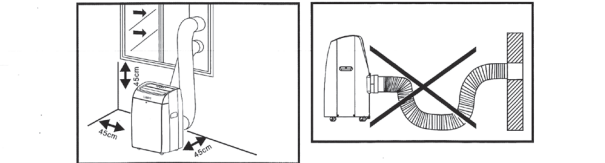


- Affix the hose outlet to the window slider kit and seal (Fig. 5 and Fig. 6)



LOCATION

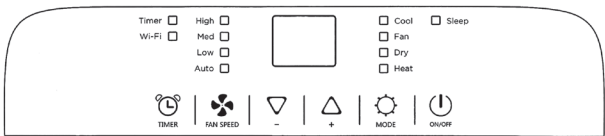
- The unit should be placed on a firm foundation to minimize noise and vibration. For safe and secure positioning, place the unit on a smooth, level floor strong enough to support the unit.
- The unit has casters to aid placement, but it should only be rolled on smooth, flat surfaces. Use caution when rolling on carpeted surfaces. Use caution and protect floors when rolling over wood and other floors. Do not attempt to roll the unit over objects.
- The unit must be placed within reach of a properly rated grounded socket.
- Never place any obstacles around the air inlet or outlet of the unit.
- Allow at least 18" (45cm) of space around and above the unit from the wall to ensure proper function.
- The hose can be extended, but it is best to keep the length to a minimum. Also, make sure that the hose does not have any sharp bends or sags.



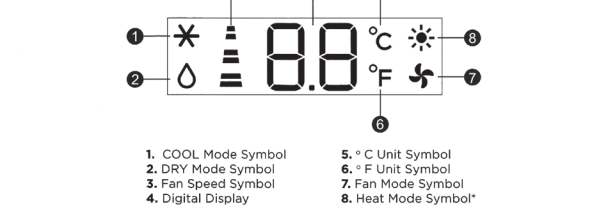
How to Control Your AC – Control Panel

CONTROL PANEL

The control panel, located at the top of the appliance, allows you to control it without the remote control. However, some features are only accessible from the remote.



FRONT DISPLAY



- Note:** WiFi and Heat are only available on select models.
- Please refer specifications to determine if these functions are available on your device.
- Note:** The actual descriptions of control panel and their locations may vary depending on the model.

Display Screen

TURNING THE APPLIANCE ON

Plug the device into the main socket, and the device will enter standby mode. Press the (ON) button to turn the device on. The last active setting will resume when turned on.

- Never turn the air conditioner off by unplugging it from the outlet. Always press the (ON) button, then wait for a few minutes before unplugging. This enables the appliance to perform a series of checks to ensure proper function.

COOL MODE

Ideal for hot, muggy weather when you need to cool and dehumidify the room.

To set this mode correctly:

- Press the "C" button until the "Cool" symbol appears.
- Select the target temperature 64°F-90°F (18°C-32°C) by pressing the ▽ or △ button until the corresponding value is displayed.
- Select the required fan speed by pressing the * button: High / Med / Low / Auto.

The most suitable temperature for the room during the summer varies from 75°F to 81°F (24°C to 27°C). You are recommended, however, not to set a temperature far below the outdoor temperature. The fan speed difference is more noticeable when the appliance is in Fan mode, but may be less noticeable in Cool mode due to the noise made by the compressor.

HEAT MODE (only for models with the heating function)

To set this mode correctly:

- Press the "H" button until the "Heat" symbol appears.
- Select the target temperature 55°F-81°F (13°C-27°C) by pressing the ▽ or △ button until the corresponding value is displayed.
- Select the required fan speed by pressing the * button: High / Med / Low / Auto.
- Water is removed from the air and collected in the tank.
- When the tank is full, the appliance shuts down and "F" (full tank) appears on the display. Place a pan or tray under the tank cap on the backside of the unit and then remove the tank cap to drain. When all the water has been drained, replace the cap securely.
- When the tank has been emptied, the appliance will start again.

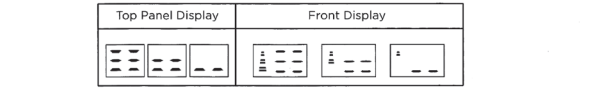
Note: When operating in very cold rooms, the appliance defreezes automatically, momentarily interrupting normal operation. During this operation, it is normal to hear new noises from the device. During this process, you may be required to wait a few minutes before hot air continues to flow.

FAN MODE

When using the appliance in this mode, the air hose does not need to be attached.

To set this mode correctly:

- Press the "F" button until the "Fan" symbol appears.
- Select the required fan speed by pressing the * button: High / Med / Low .
- The screen display as below:



DRY MODE

Ideal to reduce room humidity (spring and autumn, damp rooms rainy periods, etc).
In dry mode, the appliance should be prepared in the same way as for cool mode with the air exhaust hose attached to enable the moisture to be discharged outside.

To set this mode correctly:

- Press the "Q" button until the "Dry" symbol appears. The screen displays "dh".
- In this mode, fan speed is selected automatically by the appliance and cannot be set manually.

SMART/AUTO MODE

The appliance chooses automatically whether to operate in cool, fan or heat (certain models only) mode.

To set this mode correctly:

- Press the Q button until the screen looks like below:



- Select the required fan speed by pressing the button: High / Med / Low / Auto. The appliance operates automatically in COOL, FAN, or HEAT mode depending on the room temperature.

Room Temperature	Operation Mode
Below 20°C (68°F)	HEAT Mode
20°C (68°F) - 23°C (73°F)	FAN Mode
Above 23°C (73°F)	COOL Mode

SWITCH THE TEMPERATURE UNIT

- Power on the appliance and set to Cool Mode.
- Press and Hold down both the increase and decrease arrows at the same time for 3 seconds and then release.

SETTING THE TIMER

Programming Start Up -

- Turn on the appliance, choose the mode you want, for example cool, 24°C, high fan speed. Turn off the appliance.
- Press the button, the "Timer" symbol and number of hours flash.
- Press the " ▽ / " ▴ " button until the corresponding time is displayed.
- Wait about 5 seconds, the timer will be active, the "Timer" symbol is light.
- Press again the Timer button or the button, the timer will be canceled, and the "Timer" symbol will disappear from screen.

Programming Shut Off -

- When the appliance is running, press the button, the "Timer" symbol and number of hours flash.
- Press the " ▽ / " ▴ " button until the corresponding time is displayed.
- Wait about 5 seconds, the timer will be active, the "Timer" symbol is light.
- Press again the Timer button or the button, the timer will be canceled, and the "Timer" symbol will disappear from screen.

SELF DIAGNOSIS

The appliance has a self diagnosis system to identify a number of malfunctions.
Protection tips are displayed on the appliance display.

IF IS DISPLAYED	WHAT SHOULD I DO?
 FULL TANK (safety tank full)	Empty the internal safety tank, following the instructions in the "End of season operations" paragraph.

Above code is only partially code, if screen show the other codes, contact a service center.

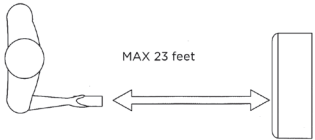
How to Control Your AC – Remote Control



REMOTE CONTROL	
	On/Off
	Increase
	Decrease
	Timer
	Unit Switch
	Fan Speed
	Mode
	Swing
	Sleep

Note: The remote control vary depend of model: The buttons on the remote control may have a different name or location than the remote control shows in this manual.

- Point the remote at the unit.
- The remotes will work as intended if used within 23 feet of the device and may be affected if there are obstacles between the remote and the device.
- Handle the remote with great care. Do not drop it or expose it to direct sunlight or heat sources. If the remote does not work, check the batteries and replace them with new ones.
- If the remote control unit is replaced or disposed of, the batteries must be removed and discarded in accordance with current legislation as they are harmful to the environment and may pose harm to persons or property.
- Do not mix old and new batteries. Do not mix alkaline, standard (carbon-zinc) or rechargeable (nickel-cadmium) batteries.
- Do not dispose of batteries in fire. Batteries may explode or leak.
- If the remote control is not be used for a certain length of time, remove the batteries.
- Do not mix alkaline, standard (carbon-zinc), or rechargeable (ni-cad, ni-mh, etc) batteries.



INSERTING OR REPLACING THE BATTERIES

- Remove the cover on the rear of the remote control.
- Insert two "AAA" 1.5V batteries in the correct position (see instructions inside the battery compartment.)



(Batteries not included)

- Note:**
 - If the remote control is replaced or disposed of, remove and discard batteries in accordance with current legislation, as they are harmful to the environment and can cause harm to persons or property.
 - Do not mix old and new batteries. Do not mix alkaline, standard (carbon-zinc) or rechargeable (nickel-cadmium) batteries.
 - Do not dispose of batteries in fire. Batteries may explode or leak.
 - If the remote control is not to be used for an extended period of time, remove the batteries.

COOL MODE

Ideal for hot, muggy weather when you need to cool and dehumidify the room.

To set this mode correctly:

- Press the "Q" button until the "Cool" symbol light appears.
- Select the desired temperature 64°F-90°F (18°C-32°C) by pressing the + or - button until the corresponding value is displayed.
- Select the required fan speed by pressing the button: High / Med / Low / Auto.

The most suitable temperature for the room during the summer varies from 75°F to 81°F (24°C to 27°C). You are recommended, however, not to set a temperature far below the outdoor temperature. The fan speed difference is more noticeable when the appliance is in Fan mode, but may be less noticeable in Cool mode due to the noise made by the compressor.

HEAT MODE (*only for models with the heating function)

To set this mode correctly:

- Press the "Q" button until the "Heat" symbol appears.
- Select the desired temperature 55°F-81°F (13°C-27°C) by pressing the + or - button until the corresponding value is displayed.
- Select the required fan speed by pressing the button: High / Med / Low / Auto.
- Water is removed from the air and collected in the tank.
- When the tank is full, the appliance shuts down and "Ft" (full tank) appears on the display. Place a pan or tray under the tank cap on the backside of the unit and then remove the tank cap to drain. When all the water has been drained, replace the cap securely.
- When the tank has been emptied, the appliance will start again.

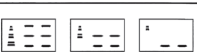
Note: When operating in very cold rooms, the appliance defreezes automatically, momentarily interrupting normal operation. During this operation, it is normal to hear new noises from the device. During this process, you may be required to wait a few minutes before hot air continues to flow.

FAN MODE

When using the appliance in this mode, the air hose does not need to be attached.

To set this mode correctly:

- Press the "Q" button until the "Fan" symbol appears.
- Select the required fan speed by pressing the button: High / Med / Low .
- The screen display as below:

Top Panel Display	Front Display
	

DRY MODE

Ideal to reduce room humidity (spring and autumn, damp rooms rainy periods, etc).

In dry mode, the appliance should be prepared in the same way as for cool mode with the air exhaust hose attached to enable the moisture to be discharged outside.

To set this mode correctly:

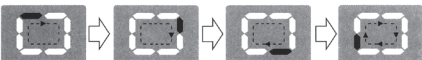
- Press the "Q" button until the "Dry" symbol appears. The screen displays "dh".
- In this mode, fan speed is selected automatically by the appliance and cannot be set manually.

SMART/AUTO MODE

The appliance chooses automatically whether to operate in cool, fan or heat (certain models only) mode.

To set this mode correctly:

- Press the Q button until the screen looks like below:



- Select the required fan speed by pressing the button: High / Med / Low / Auto. The appliance operates automatically in COOL, FAN, or HEAT mode depending on the room temperature.

Room Temperature	Operation Mode
Below 20°C (68°F)	HEAT Mode
20°C (68°F) - 23°C (73°F)	FAN Mode
Above 23°C (73°F)	COOL Mode

SWING FUNCTION

This function moves the deflectors to adjust the direction of air flow.

To set this function correctly:

- Press the < button to select the horizontal deflector to automatically move up and down.
- Press the < button again to switch off this function.



SLEEP FUNCTION

Ideal for use at night, the SLEEP function gradually lowers operations throughout the night.

To set this function correctly:

- Select the cool or heat mode as described above.
- Press the "Q" button.
- When you choose the SLEEP function, the screen will dim and the fan speed will switch to low.
- The SLEEP function maintains the optimum level without excessive fluctuations in either temperature or humidity quietly.
- The fan speed is always set to Low while the room's temperature and humidity will vary gradually.
- When in COOL mode, the selected temperature will increase by 1°F(1°C) per hour in a 2-hour period. This new temperature will be maintained for the next 6 hours. Then the appliance will turn off.
- When in HEAT mode, the selected temperature will decrease by 1°F(1°C) per hour in a 3-hour period. This new temperature will be maintained for the next 5 hours. Then the appliance will turn off.

- The SLEEP function can be canceled at any time during operation by pressing the "Sleep", "Mode" or "fan speed" button.
- In DRY and SMART mode, SLEEP function is still available.

SWITCH THE TEMPERATURE UNIT

- Power on the appliance and set to Cool Mode.
- Press and Hold down both the increase and decrease arrows at the same time for 3 seconds and then release.

SETTING THE TIMER

Programming Start Up -

- Turn on the appliance, choose the mode you want, for example cool, 24°C, high fan speed. Turn off the appliance.
- Press the button, the "Timer" symbol and number of hours flash.
- Press the " + " / " - " button until the corresponding time is displayed.
- Wait about 5 seconds, the timer will be active, the "Timer" symbol is light.
- Press again the Timer button or the button, the timer will be canceled, and the "Timer" symbol will disappear from screen.

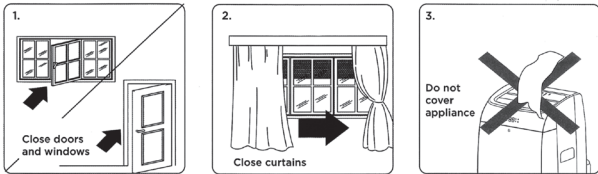
Programming Shut Off -

- When the appliance is running, press the button, the "Timer" symbol and number of hours flash.
- Press the " + " / " - " button until the corresponding time is displayed.
- Wait about 5 seconds, the timer will be active, the "Timer" symbol is light.
- Press again the Timer button or the button, the timer will be canceled, and the "Timer" symbol will disappear from screen.

TIPS FOR CORRECT USE

To get the best performance from your appliance, follow these recommendations:

- Close the windows and doors in the room to be air conditioned (Fig. 1). When installing the appliance semi-permanently, you should leave a door slightly open (as little as 1/2") to guarantee correct ventilation.
- Protect the room from direct exposure to the sun by partially closing curtains and/or blinds to make the appliance much more economical to run (Fig. 2).
- Never rest objects of any kind on the appliance.
- Do not block the air inlet or outlet of the appliance.
- Reduced air flow will result in poor performance and could damage the unit (Fig. 3).
- Make sure there are no heat sources in the room.
- Never use the appliance in very damp rooms (bathroom for example).
- Never use the appliance outdoors.
- Make sure the appliance is standing on a level surface.

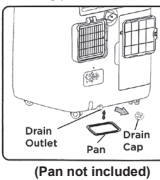


WATER DRAINAGE METHOD

When there is excess water condensation inside the unit, the appliance stops running and shows "Ft". This indicates that the water condensation needs to be drained using the following procedures:

Manual Draining

- Power off and unplug the unit from power source.
- Place a pan under the lower drain plug.
- Remove the lower drain plug.
- Water will drain out and collect in the pan.
- After the water is drained, replace the lower drain plug firmly.
- Turn on the unit.

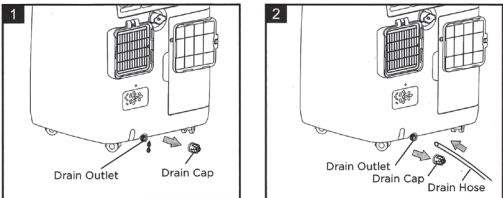


(Pan not included)

Continuous drainage

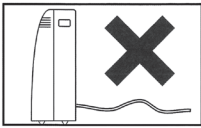
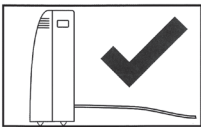
When unit is running in HEAT mode, you can use the method below for continuous drainage.

- Power off and unplug the unit from the power source.
- Remove the drain plug (Fig 1). Be cautious as some residual water may spill during this setup process.
- Connect a drain hose (Fig. 2). **Note:** Drain hose is only included on select models.
- The water can be continuously drained through the hose into a floor drain or bucket.
- Turn on the unit.

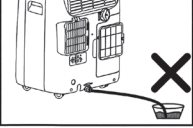
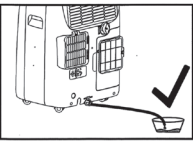


(Drain Hose not included)

Note: Make sure that the height of and section of the drain hose should not be higher than that of the drain outlet, as the water tank may drain properly.



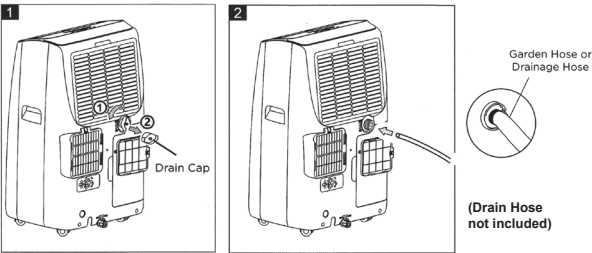
Note: Do not immerse the outlet end of the drainage pipe in water to avoid failure of the continuous drainage function.



Middle Draining

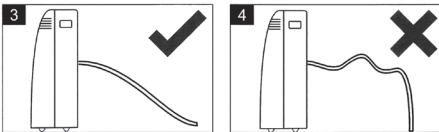
When the unit is running in Dry mode, you can use the drain option below.

- Unplug the unit from the power source.
- Remove the drain plug (Fig.1). Remove the drain plug. Be sure to have a pan to catch any residual water.
- Connect the drain hose (1/2" or 12.7mm, maybe not supplied). (Fig.2)
- The water can be continuously drained through the hose into a floor drain or bucket.
- Turn on the unit.



Garden Hose or Drainage Hose
(Drain Hose not included)

Note: Please ensure that the height of the drain hose section is not higher than that of the drain outlet, or the water tank may not be drained properly. (Fig.3 and Fig.4)



How to Clean & Maintain Your AC

Before cleaning or maintenance, turn the appliance off by pressing the power button on the control panel or remote control, then wait a few minutes for the unit to fully shut down before unplugging it.

CLEANING THE CABINET

You should clean the appliance with a slightly damp cloth, then dry it with a dry cloth.

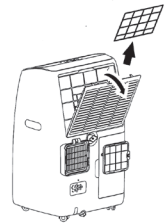
- Never wash the appliance with water. It could be dangerous.
- Never use petrol, alcohol or solvents to clean the appliance.
- Never spray with insecticide liquids or similar.

CLEANING THE AIR FILTERS

To keep your appliance working efficiently, you should clean the filter once a week as shown below.

To avoid possible cuts, avoid contact with the metal parts of the appliance when removing or reinstalling the filter. It can result in the risk of personal injury.

Use a vacuum cleaner to remove dust accumulations from the filter. If it is very dirty, immerse it in warm water and rinse it several times. The water should never be hotter than 104°F (40°C). After washing, leave the filter to dry completely to avoid mold accumulation, then attach the filter back to the appliance.



START OF SEASON CHECKS

Make sure the power cable and plug are undamaged.

Follow the installation instructions precisely.

END OF SEASON OPERATIONS

- To empty the internal reservoir entirely of water, remove the cap.
- Drain the device entirely before reinstalling the cap back into the place.
- Clean the filter and dry it thoroughly before putting it back to avoid potential mold and bacteria growth.

STRICTEST OPERATION ENVIRONMENT:

Cooling mode: indoor side 18°C-35°C (64°F-95°F), outdoor side 10°C-43°C(50°F-109°F).
Heating mode: indoor side 10°C-25°C (50°F-77°F), outdoor side 10°C-25°C(50°F-77°F).

Troubleshooting

PROBLEM	CAUSE	SOLUTION
The appliance does not turn on	- There is no current - It is not plugged into the main outlet - The internal safety device has tripped	- Wait - Plug into the main outlet - Wait 30 minutes. If the problem continues, contact a service center.
The appliance only works for short periods of time	- There are bends in the air exhaust hose - Something is preventing the air from being discharged	- Position the air exhaust hose correctly, keeping it as short as possible and free of curves to avoid bottlenecks - Check and remove any obstacles obstructing air discharge
The appliance works, but is not cooling the room	- Windows, doors, and/or curtains are open - There are heat sources in the room (oven, hairdryer, etc.) - The air exhaust hose is detached from the unit - The technical specification of the appliance is not adequate for the room in which it is located	- Close doors, windows, and curtains, bearing in mind the "tips for correct use" provided in this manual - Turn off or remove the heat sources - Fit the air exhaust hose in the housing on the backside of the unit
During use, there is an unpleasant smell	The air filter may be clogged	Clean the filter as described in the maintenance section
The appliance does not operate for about three minutes after restarting it	The internal compressor safety device prevents the appliance from being restarted until three minutes have elapsed since it was last turned off	Wait. This delay is part of normal operations
The following message appears on the display Ft	The appliance has a self-diagnosis system to identify a number of malfunctions	See the end Self-Diagnosis chart at the end of the Control Panel section

WiFi App Installation (for WiFi models only)

TCL Home App Setup (Smart Phone Required)

Step 1: Download & Install the TCL Home App
Scan the QR code below or search for the TCL Home App in the Apple or Google app store. Download and open the app.



Step 2: Create an Account
Once you have opened the app, select "Create account." You will then be sent a verification code to your email. Input the code and continue.

Step 3: Add Your Device
Select the "Add Matter Device" button and follow the in-app instructions to complete the setup.

Note: The App only supports the 2.4 GHz WiFi band (all routers have a 2.4 GHz band). Please connect to the 2.4 GHz band before you begin the app setup process.

Matter Setup (Smart Phone OR Smart Speaker Required)

Smart ecosystems and their companion speakers can only support matter when using these versions or newer.

Device	Version
Alexa App	2.2.536317
Alexa Echo Device	9094439556
Android APP	Google Play: 22.36.15 Google Home: 2.58.24.1
Google Home Hub	1.56.324896
iPhone	iOS 16.1
Android	Android 8.1

Step 1: Getting Started (For Android & iOS Smart Phones: TCL Home App OR Smart Speakers)

- Method 1 - Smart Speaker Required: Open the Google or Apple app store on your smart phone and search for your smart speaker's companion app if not already downloaded (Amazon Alexa, Google Home, SmartThings, Apple Home).
- Method 2: Using the camera function on your smartphone, scan the QR code below or search TCL Home in Google or Apple app store and download the TCL Home App (it does not require the use of a smart speaker and has more features).



Note: The App only supports the 2.4 GHz WiFi band (all routers have a 2.4 GHz band). Please connect to the 2.4 GHz band before you begin the app setup process.

Step 2: Connect Your Air Conditioner to Matter

- Ensure your smart phone and smart speaker are connected to your WiFi network. If you do not have a smart speaker, please use the TCL Home App you downloaded from the previous section.
- Turn on Bluetooth on your mobile device.
- Press the "FAN" button on the control panel 6 times within 4 seconds OR press and hold "ON/OFF" for 5s. The device will beep twice and show "CF" after a few seconds.



- Open the Amazon Alexa, Google Home, SmartThings, Apple Home or TCL Home app on your mobile device.



- Tap the "+" and "Add Device/Accessory" or tap "+Add" in your app, select your Matter device, and scan the Matter QR code found on the side of the device. Then, follow the in-app instructions to complete setup.

*** If setting up without a smart speaker using the TCL Home App, please select the device titled "Matter Portable AC". Once completed, you can control your device through the TCL Home App, Smart Assistant App, or Smart Speaker.**

Troubleshooting

Having trouble completing installation? Don't worry, it's usually an easy fix.

PROBLEM	POSSIBLE CAUSES	SOLUTIONS
TCL Home App loses connectivity to AC during setup	- Wireless router may be too far from AC - Network error	- Relocate wireless router closer to AC. - Restart wireless router, AC, and mobile device.
TCL Home App cannot find AC	- Network error - App & AC are not on the same 2.4GHz channel - Router blocking TCL Home App - Incorrect WiFi Password	- Restart wireless router, AC, and mobile device. - Confirm your device is connected to the 2.4GHz channel. - Verify App is not being blocked by the router's firewall. - Reinput and verify WiFi password.
Unable to find or connect to Wireless Network	App may need permission to location	Give TCL Home App permission to Location in phone settings.

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