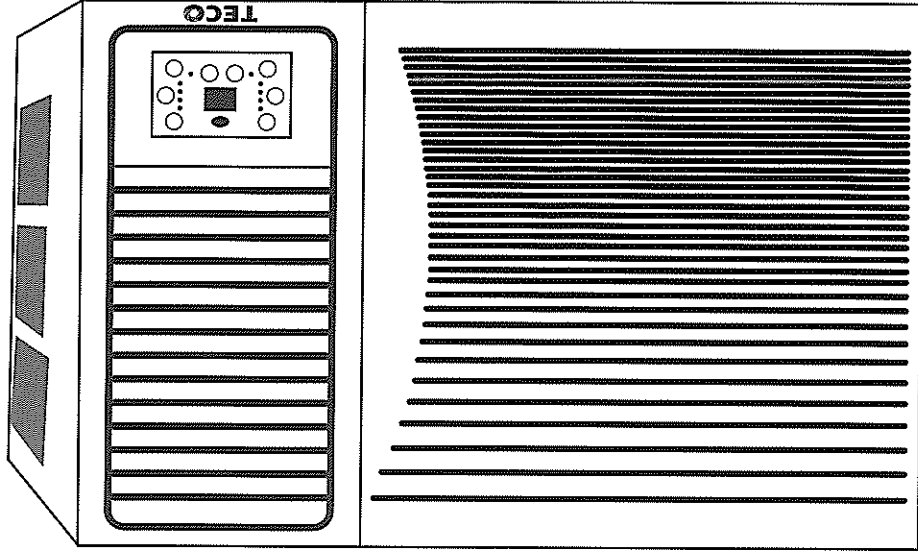


Thank you for selecting our super quality Air Conditioner. To ensure satisfactory operation for many years to come, this User's Manual should be read carefully before using your air conditioner. After reading, store it in a safe place. Please refer to the manual for questions on use or in the event that any irregularities occur.



Models:

- TWW22CFBGJBB
- TWW27CFBGJBB
- TWW40CFBGJBB
- TWW53CFBGJBB
- TWW60CFBGJBB
- TWW22HFBGJBB
- TWW27HFBGJBB
- TWW40HFBGJBB
- TWW53HFBGJBB
- TWW60HFBGJBB

# ***User's Manual***

Window - Wall Type  
Room Air Conditioner



Room 2  
27 Pinokio

Congratulations on your purchase of a TECO room air conditioner. To assist you in protecting your investment and maintaining the appliances satisfactory operation, three simple steps are provided for you to follow.

They are:

1. Ensure that your air conditioner is installed according to the specifications detailed in this booklet.
2. Familiarise yourself with the correct operation of the air conditioners controls and switches.
3. Maintain your air conditioner at regular intervals.

Thank you for taking the time to read this booklet and we trust you enjoy the comfort obtained from your TECO room air conditioner.

The information contained in this material is provided by Teco Australia Pty Ltd in good faith. The information supplied to our knowledge is correct; however is subject to change without notice, therefore before relying on the material in any important matter, users should carefully evaluate its accuracy, completeness and relevance for their purpose. It is not intended as a substitute for consulting the relevant legislation or for obtaining appropriate professional advice relevant to your particular circumstances.

Teco Australia Pty Ltd cannot accept responsibility or liability for any loss, damage, cost or expense you might incur as a result of the use of or reliance on information provided. It is not intended to be, and should not be relied upon as the ultimate and/or complete source of information.

4	---	---	---	---	---	---	Safety Precautions
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17	---	---	---	---	---	---	General Operation
19	---	---	---	---	---	---	Care & Maintenance
20	---	---	---	---	---	---	Troubleshooting

This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety. Children should be supervised to ensure that they do not play with the appliance.

- Do not start or stop the appliance by unplugging and plugging the power cord. This may result in fire and/or electric shock

- Do not use any extension cords, or adapters to connect this appliance.

Do not connect via an extension lead. Extension leads do not guarantee the required safety of the appliance (e.g. danger of overheating, this can result in fire and/or electric shock).

- Do not damage or modify the power cord or plug. Do not tamper with, tie or twist the power cord. Do not place heavy items on the power cord or subject the power cord to heat.

This can result in fire and/or electric shock.

- If the supply cord is damaged, it must be replaced by a special cord or assembly available from the manufacturer or TECO service center.

- Do not put your fingers or any objects, into the air outlet and inlet. Please do not touch the swing

louvers.

The internal fan rotates at a high speed, and thus such an action may result in an injury or malfunction. Do not attempt to repair, take apart, or modify the appliance.

- It may result in fire and/or electric shock. Refer servicing to your dealer or Teco Service Centre. Do not put the appliance near heat generating devices (such as stoves, fan heaters, etc.).

The plastic parts may melt causing fire.

- Wipe dust off the power plug and insert the plug firmly into the power outlet socket.

If the plug is not fully inserted in the power outlet socket, dust may gather on the connectors which in turn may cause fire and/or electric shock.

- Should a malfunction occur (a smell of burning, etc.), switch off the appliance and unplug it from the power outlet socket.

Continuing to operate a malfunctioning appliance may result in fire, electric shock, and further malfunction.

Contact your dealer or Teco Service Centre for consultation.

- Do not cover the air inlet and the air outlet with clothes, curtains, etc.

This results in poor ventilation and may cause heat generation and fire.

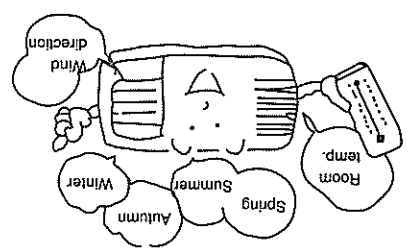
- Do not put flower vases or any other objects filled with water on the unit.

## Safety Precautions

- Water may leak into the appliance adversely affecting the electric insulation and cause electric shock and/or fire by short-circuiting.
- Do not use the appliance for special purposes, such as preservation of food, art works etc.
- This may negatively affect the quality of the items stored.
- If there is a possibility that the temperature around the drainage hose (field supplied) could drop to freezing point.
  - Water inside the hose may freeze and prevent the water from flowing out. The water may leak from the appliance and damage surrounding objects.
  - Do not block the drainage outlet or continuous drainage hose (field supplied).
  - If using the appliance or fixed drainage for a long time ensure the internal and external drain is clear.
- When using the appliance after a long period of time or when draining water continuously for a long time with no assistance, check the unit periodically for foreign objects, etc. that could clog the hose resulting in heat generation and/or a water leakage.
- Do not use the appliance in places that may be subject to oil or flammable gas leakage.
  - Such a leakage around the appliance may cause combustion and fire.
  - Do not wash the appliance with water.
    - It may cause an electric shock.
  - Do not use the appliance where it is likely to come in contact with water.
    - Exposure to water may result in fire or electric shock caused by a leak of electricity.
- All electrical work should be carried out by a suitably qualified and competent person, in strict accordance with current national and local safety regulations.
  - For extra safety it is advisable to install a suitable residual current device (RCD). Contact a qualified electrician for advice.
- Ensure power is not supplied to the appliance until after installation work has been carried out.
- The appliance is supplied with a mains cable with moulded plug ready for connection to a 230V mains supply.
- Please ensure the electrical connection data plate information match the household mains supply.
- Connection should be made via a suitable switched socket which is easily accessible after installation.

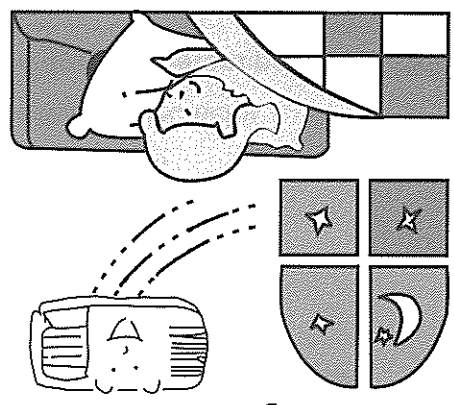
**Introduction**

TECO's window - wall room air conditioners are engineered to maintain a comfortable temperature. Each unit comes packed with a host of features that make it easy for you to operate, set and forget. Simple and clever controls let you reach optimum comfort with ease.



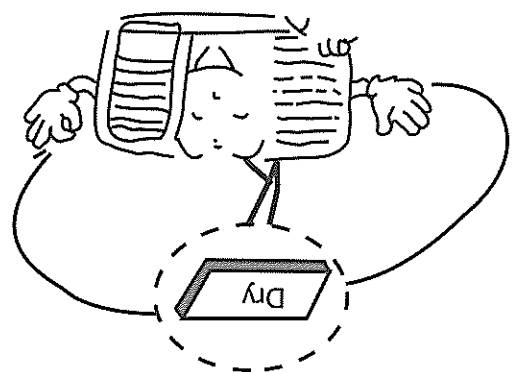
**Cool in Summer**

During hot summer days, the air conditioner can cool down the room by circulating the air within the room and cooling it.



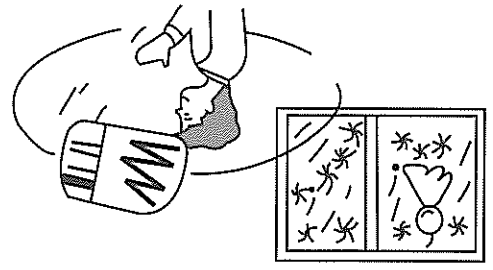
**Dry During Wet or Humid Conditions (dehumidifying)**

In wet or humid conditions, the air conditioner can dehumidify the air by drawing moisture from the air and leaving the room dry and fresh without affecting the temperature.



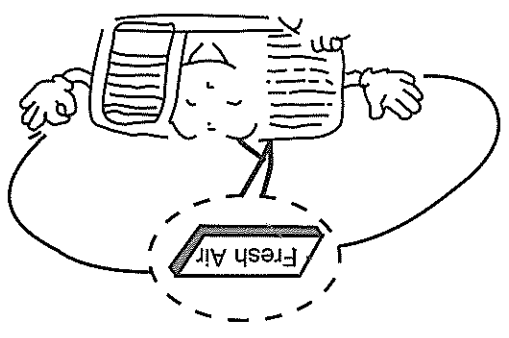
**Warm in Winter (heat pump units only)**

During cold winter months, the air conditioner can keep the room warm by circulating the cold air within the room and heating it.



**Exhaust Air Vent**

Opening the exhaust air vent door to exhaust air from the room, allowing fresh air to enter.

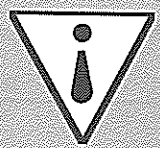


**Operating Conditions**

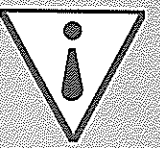
Please operate the air conditioner in the correct conditions as follows:

<p><b>COOL &amp; HEAT mode operation</b></p>	<p>Outdoor air on temperature should be between 18°C ~ 43°C for cooling and 1°C ~ 24°C for heating. Operation outside these temperature ranges may effect the performance of the air conditioner. Room humidity should be lower than 90%. Otherwise, it is possible for the air conditioner to form moisture or dew on the front panel of the air conditioner. This indicates normal operation.</p>
<p><b>DRY mode operation</b></p>	<p>Outdoor air on temperature should be in the range of 18°C ~ 43°C. Operation outside these air on temperature ranges may effect the performance of the air conditioner.</p>

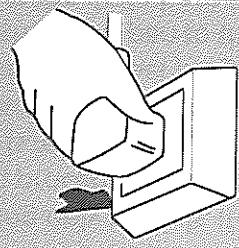
**Power Requirements**

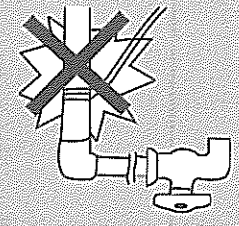


All earth leads must be connected. An approved power outlet must be used. Furthermore, the power outlet must conform to the wiring regulations. All electrical wiring and connections must comply to the current electrical Australian Standards and Wiring rules.



**Rated voltage and voltage range: 230V ±10%**  
The electric components could be damaged when the voltage is too high.  
If the voltage is too low, the compressor could vibrate violently to damage the refrigerant system and easily cause the compressor and electric components not operate correctly.





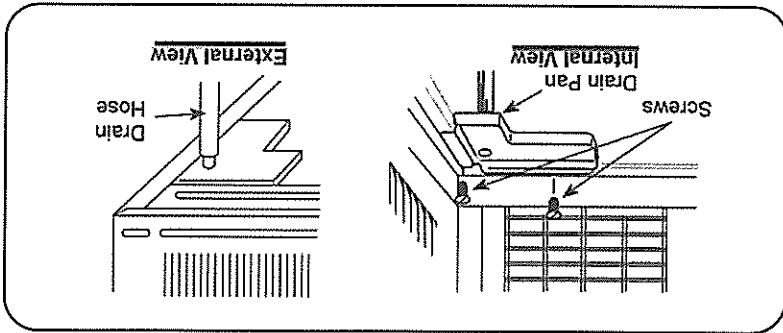
**Earth Wire** To ensure the reliable earthing, please do not connect earth wire to water pipes.

Teco Australia Pty Ltd does not warrant the equipment supplied by Teco Australia Pty Ltd, will as installed, comply with the Building Code of Australia or any other similar standard or code. The customer/contractor is solely responsible for ensuring that the equipment installed complies with any relevant code or standard.

**IMPORTANT NOTICE**

Due to various wall and window types and constructions, Teco Australia Pty Ltd recommends the window/wall type room air conditioner must be installed with compliance to the Building Code of Australia, Local Government or body corporate requirements. Please consult your local builder or air conditioning contractor. All hardware required to install the air conditioner is field supplied.

**Drainage**



To get the maximum cooling efficiency, the air conditioner is designed to splash the condensation water on the condenser coil. The cooling & heating model has a thermostatically controlled drain mechanism. The drain will open <math>14^{\circ}\text{C}</math> (approx.) to allow water to flow from the base of the unit and will close <math>15^{\circ}\text{C}</math> (approx.).

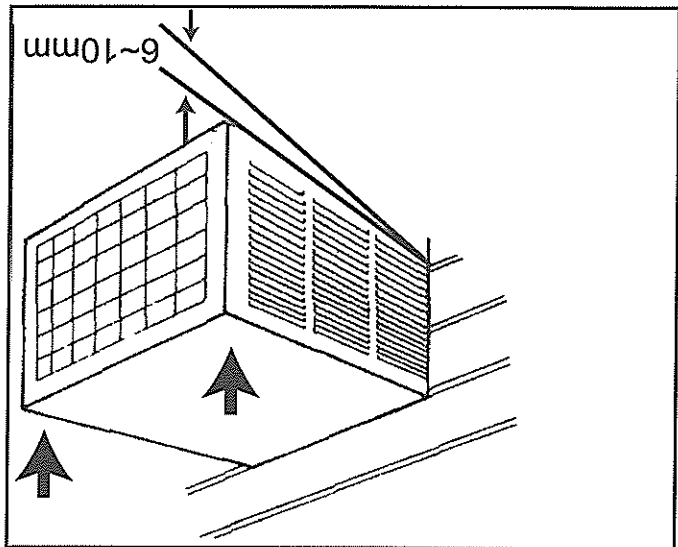
**WARNING:**  
Do not push any object into the condensate drain hole as it may damage the condensate water thermostat mounted above.

The cooling only models, if the splashing sound annoys you, you can provide an outside drain by using the following procedure, which may however cause a small loss of performance.

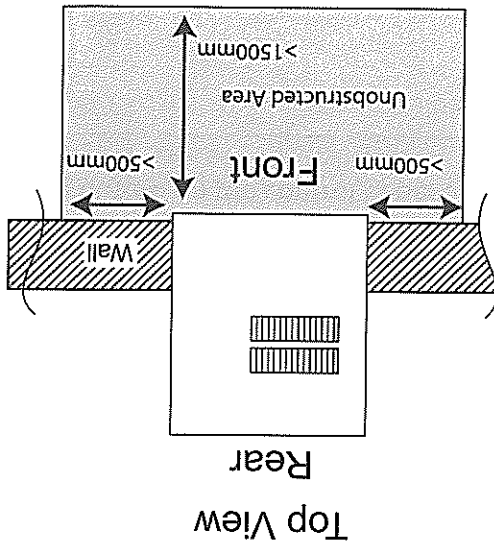
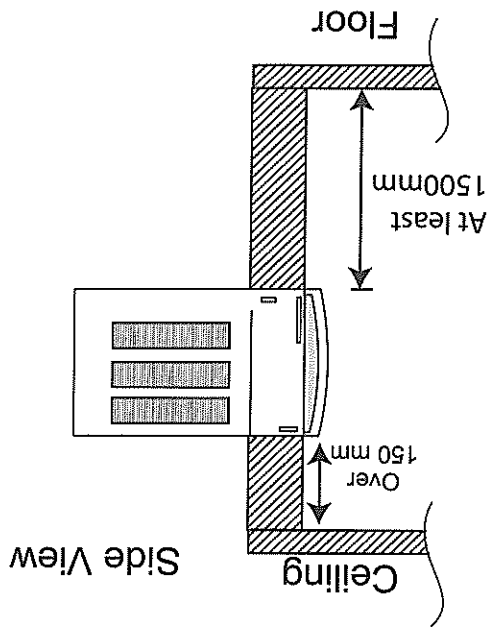
1. Slide out the chassis from the cabinet.
2. Remove the rubber plug from the body base plate.
3. Install the drain pan to the corner of the cabinet with 2 screws.
4. Connect the drain hose (field supplied) to the outlet on the drain pan bottom.
5. Slide the chassis into its original place in the cabinet.

**Tilt**

When installing the unit, to clear condensate from the unit, the back edge of the cabinet should be approximately 6mm lower than the front edge.



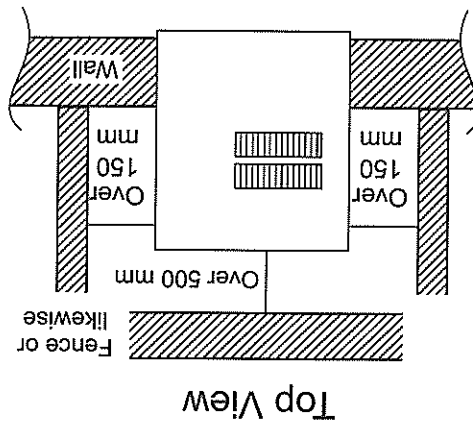
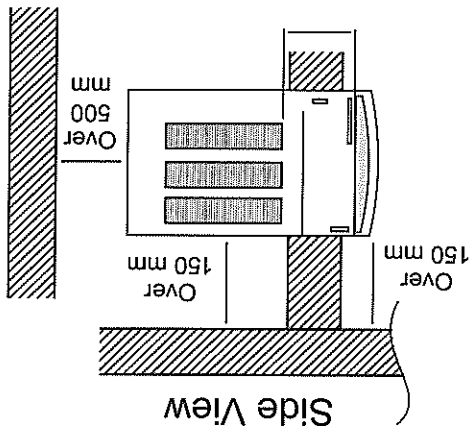
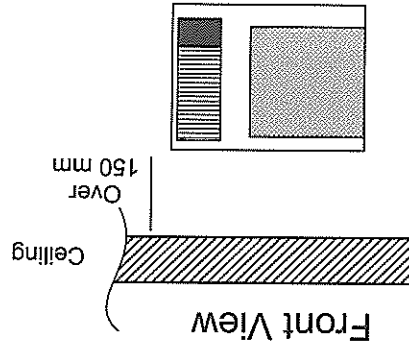
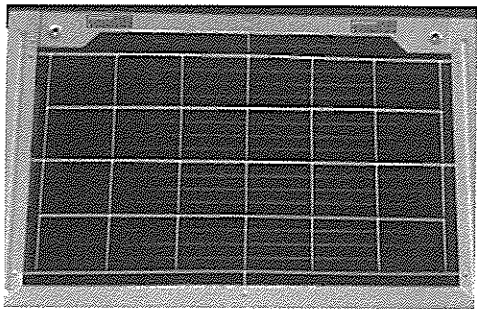




A clear area is necessary around the interior of the cabinet to allow adequate air flow through the unit. The minimum clearances required are shown below.

### Internal Clearances

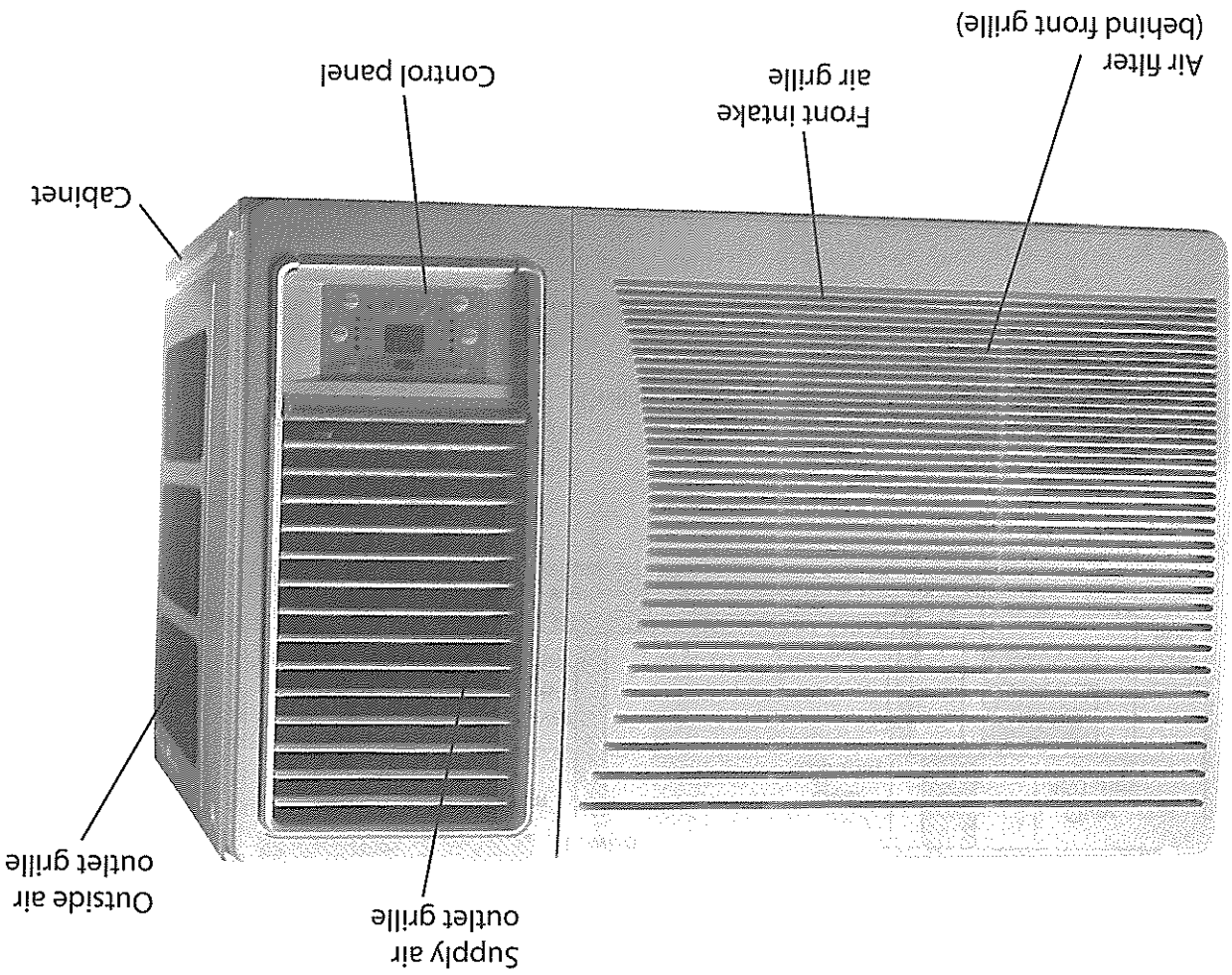
For safety and earthing purposes, all screws and washers, if removed during installation, maintenance, repairs, etc. must be refitted.



A clear area is necessary around the exterior of the cabinet to allow adequate fresh air flow through the unit. The minimum clearances required are shown below.

### External Clearances

**Part Identification**



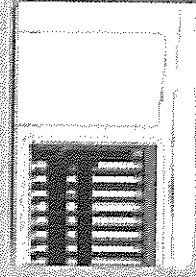
\* This image is for illustration purposes only.

**Air Direction Adjustment**

Airflow direction vane  
Horizontal vane  
(Airflow direction adjustment up and down).  
Vertical vane  
The vertical airflow direction vane is controlled by positioning the vane to discharge the air left, right or straight ahead. This is controlled by the swing button on the control panel or remote control.

The diagram shows a close-up of a control panel with a vane. A hand is shown adjusting the vane. The vane is labeled as the 'Vertical vane' and is used for 'Airflow direction adjustment up and down'. The diagram also shows a 'Horizontal vane' which is used for 'Airflow direction adjustment up and down'. The text explains that the vertical airflow direction vane is controlled by positioning the vane to discharge the air left, right or straight ahead. This is controlled by the swing button on the control panel or remote control.

### Ventilation Lever



**Open Position:**

The ventilation door opens to allow air and odors to be expelled from the room.



**Closed Position:**

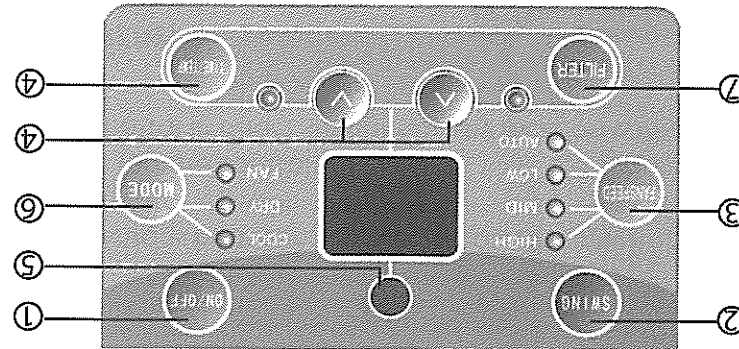
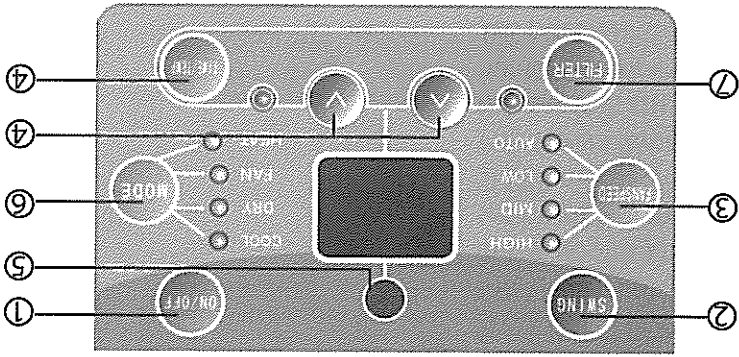
The ventilation door is closed and the air will be circulated inside the room and conditioned.



### Cooling & Heating Models

### Cooling Only Models

- ① POWER BUTTON  
Operation starts or stops when this button is pressed
- ② SWING BUTTON  
Activate the automatic air swing function
- ③ FAN SPEED BUTTON  
Select the fan speed HIGH, MID, LOW and AUTO in sequence.
- ④ TIME/TEMP BUTTON  
Press the Ⓞ keypad to increase the set (operating) temperature of the unit and press the Ⓞ keypad to decrease the set (operating) temperature of the unit. The temperature setting range is from 16°C~30°C. Press the Ⓞ keypad also to increase the selected time in 1 hour increments and pressing the Ⓞ keypad to decrease the selected time in 1 hour decrements.



- ⑤ SIGNAL RECEIVER  
Select the operation mode, AUTO, HEAT, COOL, FAN, DRY (for reverse cycle model) or AUTO, COOL, FAN, DRY (for cooling only model).
- ⑥ MODE BUTTON  
This feature is a reminder to clean the Air Filter (see Care & Cleaning). The LED light will illuminate after 250 hours operation. To reset after cleaning the filter, press the Filter button and the light will go off. If the filter requires cleaning prior to the 250 hours of operation, remove, clean and replace the filter. To reset the timer, press the Filter button for at least 3 seconds and the accumulated time of operation will be cancelled.
- ⑦ FILTER BUTTON

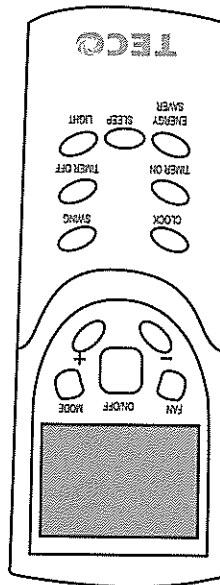
**Remote Control**

**Name & Function of Wireless Remote Control**

**NOTE:**

- Ensure there are no obstructions between receiver (air conditioner front panel) and remote controller.
- Do not drop or throw the remote control.
- Do not let any liquid in the remote control.
- Do not place the remote control in direct sunlight or any location with excessive heat.

**Signal Transmitter**

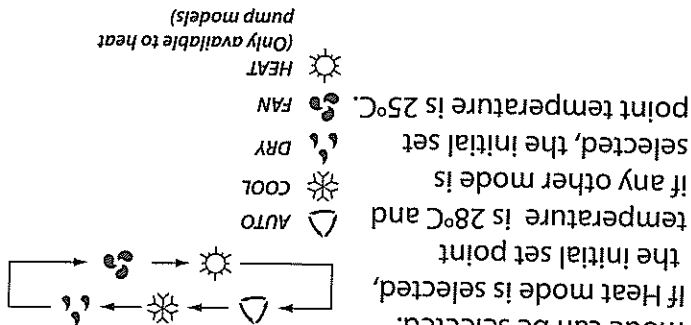


**ON/OFF Button**

Press this button, the unit will be turned on, press it once more, the unit will be turned off. Sleep function will be cancelled, while unit is off.

**Mode Button**

When the mains power is switched on, Auto mode is pre selected. Under Auto mode, the temperature will not be displayed. Pressing this button, Auto, Cool, Dry, Fan, Heat mode can be selected.

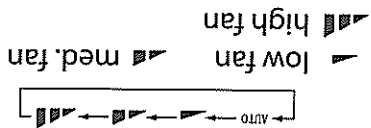


**Sleep Button**

Press the SLEEP button to activate or deactivate the SLEEP feature. In the cooling mode, the cooling temperature set point will increase 1°C per hour after the SLEEP mode is selected. Two hours later, the set point will continue at this temperature. In the heating mode, the heating temperature set point will decrease 1°C per hour after the mode is selected. Two hours later, the set point will continue at this temperature.

**Fan Button**

Press this button, Auto, Low, Medium, High fan speed can be selected. After powered on, Auto fan speed is selected by default. Under DRY mode, only Low fan speed is available.



**Clock Button**

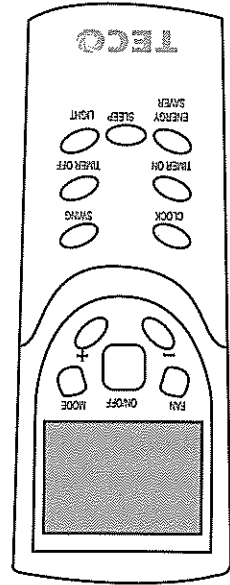
Press the clock button to set up the clock. The symbol ☉ blinks. Within 5 seconds, the value can be adjusted by pressing + or - buttons, if held down continuously for 2 seconds or more, for each 0.5 seconds, the value will increase by 10 minute increments. Whilst blinking, press the clock button again. This symbol ☉ will be constantly displayed indicating setting is complete. If the ☉ symbol is displayed, this indicates the current time value. If the batteries in the remote controller are replaced, the time display is 12:00 by default and the ☉ symbol will be displayed.

## Name & Function of Wireless Remote Control

### Remote Control

#### NOTE:

Some functions mentioned below are not available to all models.



### ENERGY SAVER Button

This function is only available in COOL and DRY modes. Press the ENERGY SAVER button to activate or disable the ENERGY SAVER function. In this mode, the fan will continue to run for 1 minute after the compressor shuts off.

### + Button

This button increases the set point temperature. Pressing this button, the temperature can be increased. By holding this button down for two seconds will quickly change the temperature until the button is released. The temperature adjustment is unavailable under the Auto mode, selecting an alternative mode will allow the temperature to be selected. The selectable temperature range is 16°C~30°C.

### - Button

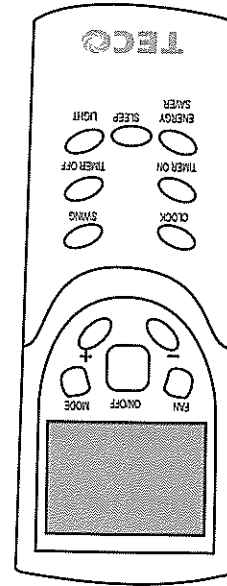
This button decreases the set point temperature. Pressing this button, the temperature can be decreased. By holding this button down for two seconds will quickly change the temperature until the button is released. The temperature adjustment is unavailable under the Auto mode, selecting an alternative mode will allow the temperature to be selected. The selectable temperature range is 16°C~30°C.

### Light Button

This button activates the light on the air conditioner. The light is on by default when powered on.

NOTE:

Some functions mentioned below are not available to all models.



**TIMER ON Button**

When the unit is off, press TIMER ON button, "HOUR ON" will blink and display the ☉ symbol. After 5 seconds of blinking, the value can be adjusted by pressing + or - buttons. Each press of this button, 0.5 hour will be increased or decreased. Holding this button continuously + or - buttons for 2 seconds the value will be changed quickly, every 0.25 seconds will increase/decrease by 0.5 hour. While blinking, press the TIMER ON button to confirm. After TIMER ON settings is complete, press the TIMER ON button again, the TIMER ON setting will be cancelled. If the batteries in the remote controller are replaced, no timer is set by default. "HOUR ON (OFF)" will not display and only the clock symbol ☉ is displayed. Before setting the timer, please ensure the clock has been set correctly.

**TIMER OFF Button**

When the unit is on, press TIMER OFF button, "HOUR OFF" will blink and display the ☉ symbol. After 5 seconds of blinking, the value can be adjusted by pressing + or - buttons. Each press of this button, 0.5 hour will be increased or decreased. Holding this button continuously + or - buttons for 2 seconds the value will be changed quickly, every 0.25 seconds will increase/decrease by 0.5 hour. While blinking, press the TIMER OFF button to confirm. After TIMER OFF settings is complete, press the TIMER OFF button again, the TIMER OFF setting will be cancelled. If the batteries in the remote controller are replaced, no timer is set by default. "HOUR OFF (ON)" will not display and only the clock symbol ☉ is displayed. Before setting the timer, please ensure the clock has been set correctly.

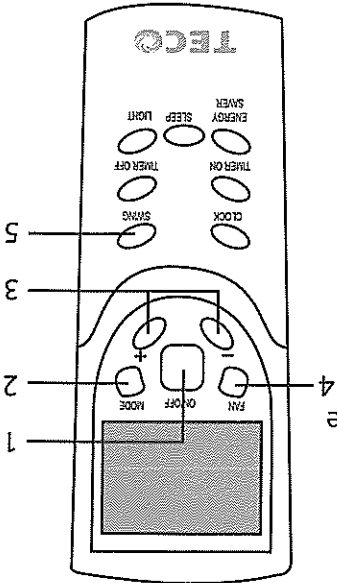
## General Operation Guide

## Remote Control

### NOTE:

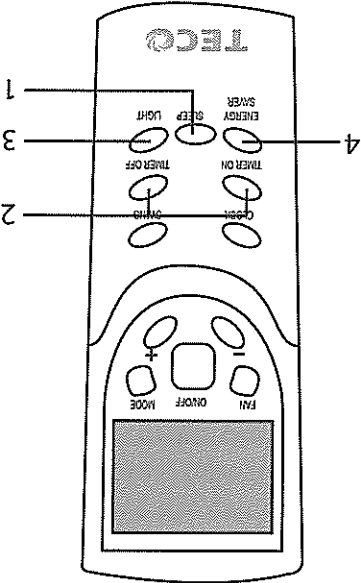
Some functions mentioned below are not available to all models.

1. When mains power is supplied to the air conditioner, press the remote ON/OFF button and the unit will start or stop.
2. Press the MODE button to select the desired operating mode.
3. Press the - and + buttons to set the desired temperature. This function is not available in AUTO mode.
4. Pressing the FAN button sets the fan speed. The speeds are AUTO, LOW, MED and HIGH.
5. Press the SWING button to activate/deactivate the louvre movement.



## Optional Operation Guide


1. Press the SLEEP button to start the air conditioner sleep function.
2. Press the TIMER ON or TIMER OFF to set the timer function.
3. Press the DISPLAY (A/C) to control the light on the air conditioner display.
4. Press the ENERGY SAVER to set this function on or off.



## Instructions For Special Functions

**AUTO MODE**  
When AUTO MODE is selected, the set temperature will not be displayed on the screen, the unit will run in accordance with the room temperature automatically to set a suitable temperature within the room.

### LOCK

Press - and + buttons simultaneously to lock or unlock the remote controller buttons. If the remote controller is locked, the  symbol will appear in the lower right corner of the remote display. This symbol will flash if you attempt to push a button after the LOCK has been activated.

## Swing Louvre Operation

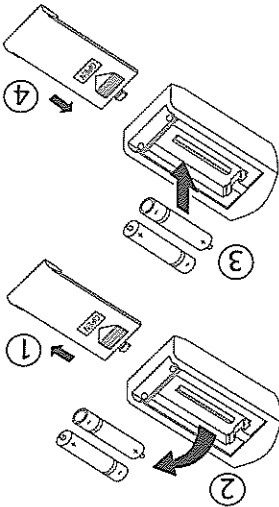
Hold the SWING button continuously for at least 2 seconds. The louvre will start to swing. Press and hold the SWING button to stop the louvre at the current direction. Press the SWING button again to resume louvre swinging.

## Switching between centigrade and fahrenheit

While the air conditioner is off, press both "MODE" and "-" buttons simultaneously to switch between °C and °F.

## Changing the remote controller batteries

1. Press the remote controller back cover downward while sliding the cover in the direction of the arrow.
2. Remove the existing batteries.
3. Insert two new AAA 1.5V batteries. Ensure the batteries are inserted in the correct direction as in the image to the right.
4. Replace the back cover once the batteries are securely in place.

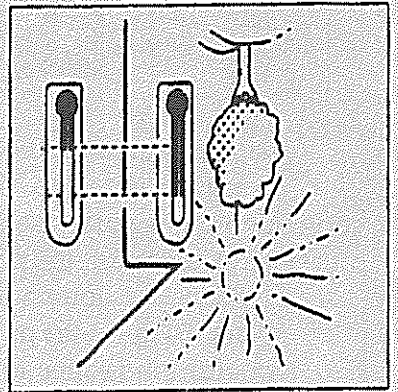


## Notes

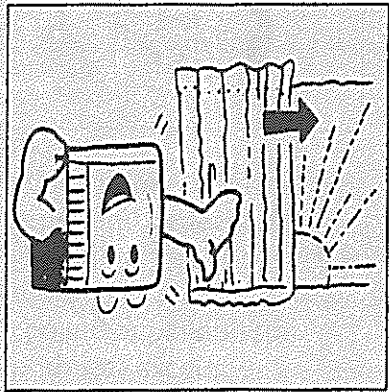
- When changing the batteries, do not mix new and old batteries. Do not mix brands or battery types.
- If the remote control is not used for long periods, remove the batteries to reduce the chance of leakage and damage to the remote. The remote has a limited range. This range reduces over time as the batteries lose charge.
- When using the remote, keep away (> 1M) from other wireless appliances.
- When the remote does not operate, remove the batteries, wait 30sec. and replace them. If problems persist, replace with new batteries.



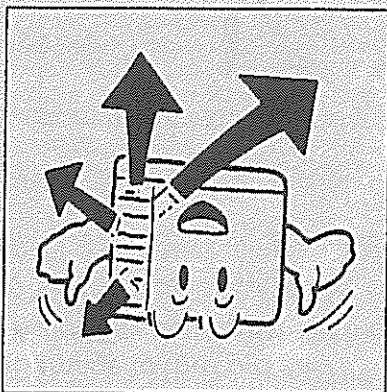
Do not set the cooling temperature too low. It could damage your health and waste electricity.



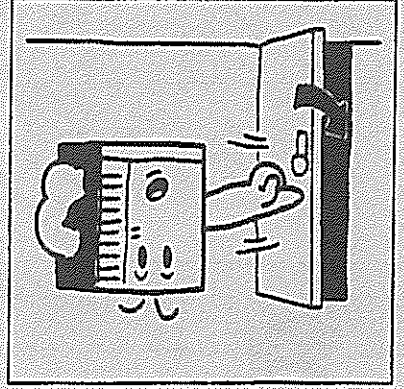
Keep blinds and curtains closed. Do not let sunshine directly in the room while the air conditioner is operating.



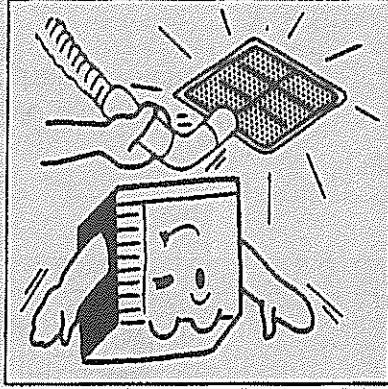
To keep the room temperature uniform, adjust the vertical and horizontal airflow direction to ensure uniform temperature in the room.



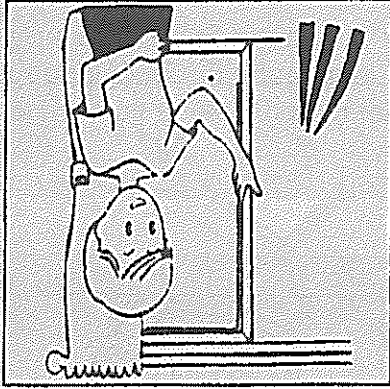
Make sure that the doors and windows are tightly closed. Avoid opening doors and windows as much as possible to keep the conditioned air in the room.



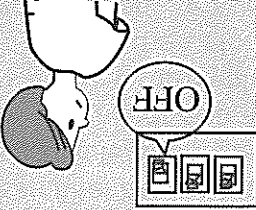
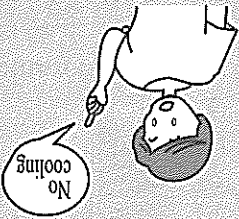


Clean the air filter regularly. Blockages in the air filter reduce dehumidifying effects. Clean the air filter at least once every two weeks.



Ventilate the room occasionally. Since windows and doors are kept closed, it is a good idea to open them and ventilate the room every few hours.



Please check the following items before asking for repair or contacting service, it may save you time and money. If problems persist, consult your warranty information for contact details.

Solution	Fault
<ul style="list-style-type: none"> <li>▪ Power failure</li> <li>▪ Power plug disconnected</li> <li>▪ Check fuse and main switch</li> <li>▪ Inconsistent voltage</li> </ul>	 <p>Air conditioner does not operate at all.</p>
<ul style="list-style-type: none"> <li>▪ Check air inlet and outlet are not blocked</li> <li>▪ Other cooling/heating sources in the room</li> <li>▪ Check air filter is clean</li> <li>▪ Indoor fan is set to LOW</li> <li>▪ Room temperature is too high or too cool as the air conditioner starts.</li> </ul>	 <p>Air conditioner efficiency is poor.</p>
<ul style="list-style-type: none"> <li>▪ When in cooling mode, high room humidity that is rapidly cooled, can appear foggy.</li> <li>▪ Odours and smoke near the air intake can be transferred into and through the air conditioner.</li> </ul>	 <p>Odours or foggy air is released from the air conditioner.</p>
<ul style="list-style-type: none"> <li>▪ The sound of flowing water is the refrigerant flowing through inside the air conditioner. This is a normal function of the appliance.</li> <li>▪ The sound of falling water is caused by the dehumidifying unit processing the collected water. This is a normal function of the appliance.</li> </ul>	 <p>Air conditioner operates with excess noise.</p>
<p>Condensation occurs when the airflow from the air conditioner cools the warm room air.</p>	<p>It seems that condensation is leaking from air conditioner.</p>
<ul style="list-style-type: none"> <li>▪ This is to protect the mechanism.</li> <li>▪ Wait about three minutes and operation will begin.</li> </ul>	<p>Air conditioner does not operate for about 3 minutes when restarting.</p>

**CAUTION :** If any of the following occur, immediately power off the air conditioner and unplug from the wall. Contact your local service center.

- Operation starts or stops abnormally.
- Power fuse or switch often breaks.
- Fluids are splashed directly into the air conditioner.
- Electrical cord is hot or lines cover breaks.
- Any other strange situation involving the air conditioner.



Lined writing area with 20 horizontal lines.



