

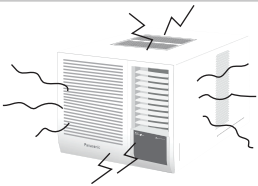
**Clockwise**





## NOISE CONSIDERATION

- Select an installation location that can support the weight of the air conditioner and one that will not cause increased operating noise and vibration.
- Ensure that when installed, airflow and noise from the rear side of the unit (outdoor) do not disturb neighbouring elements.
- Obstacles placed in front of the air outlet on the rear side of the unit (outdoor), or covers placed over it will cause excessive noise and deterioration in performance.



## TRANSFERRING

- Repositioning or transfer of the air conditioner due to renovation or moving requires an additional service charge. Please consult your dealer before moving.

## 5 AIR CONDITIONER OPERATION

### OPERATING THE UNIT

|  |  |                                                                                                                                                                                                                                           |
|--|--|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  |  | Start operation by pressing OPERATION.<br>The operation will turn on and the display panel will light up.<br>To stop the operation, press the OPERATION again.<br>The unit will stop operating and the display panel light will turn off. |
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### SETTING DISPLAY TEMPERATURE

|  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
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|  |  | Press TEMP/TIMER ▲ or ▼ to set the display temperature.<br>The temperature can be set between 16°C and 30°C.<br><b>Recommended temperature: 26°C ~ 28°C</b><br><b>NOTES:</b> <ul style="list-style-type: none"><li>• The latest temperature setting will be memorized and will appear on the display the next time it's turned on.</li><li>• The display temperature selection is for display purpose only and does not indicate actual room setting temperatures. Your room temperature may not necessarily match the displayed temperature.</li></ul> |
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### SELECTING OPERATION MODE

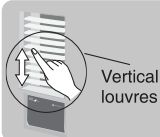
|  |  |                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|--|--|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  |  | Press MODE to select the desired operation.<br>The indicator will light up and a "beep" sound will indicate changing setting.<br><b>COOL mode</b><br>To set room temperature to your preference of cooling comfort.<br><b>FAN mode</b><br>To provide air circulation without cooling the room. During Fan operation, temperature setting cannot be selected.<br><b>SLEEP mode</b><br>To provide energy saving and comfort during Sleep. |
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### SELECTING FAN SPEED

|  |  |                                                                                                                                                                                                                                                                                                                                 |
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|  |  | Press FAN SPEED to choose the speed level of the fan.<br>The indicator will light up and the "beep" sound will indicate changing setting.<br><b>NOTE:</b> <ul style="list-style-type: none"><li>• The latest fan speed setting will be memorized and the indicator will light up the next time the unit is turned on.</li></ul> |
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### ADJUSTING HORIZONTAL AIRFLOW DIRECTION

|  |  |                                                                                                                                                                                                                                                                                                                         |
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|  |  | Press to select AIR SWING.<br>The air circulation will automatically move the horizontal louvers left and right for better air distribution around the room.<br><b>NOTE:</b><br>Using your hands to adjust the direction may cause the louvers to malfunction. If this happens, stop operation immediately and restart. |
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**NOTE:**  
Vertical adjustment of the airflow direction is done manually.

### POWERFUL OPERATION

|  |         |                                                                                                                                                                                                                                                                                                                                                                                                                         |                      |
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|  |         | To obtain set temperature quickly: <ul style="list-style-type: none"><li>• Press POWERFUL</li><li>• To cancel this operation, press once more.</li><li>• After POWERFUL is selected, the operation will go on for 15 minutes, after that it will shift back to previous operation mode.</li></ul> <b>NOTE:</b><br>Sound emitted by the unit will be increased during POWERFUL operation due to increased of air volume. |                      |
|  | Cooling | -3°C lower than set temperature (lowest limit 16°C)                                                                                                                                                                                                                                                                                                                                                                     | Super High Fan Speed |

### SETTING THE OFF TIMER

|  |  |                                                                                                                                                                                                                                                                                                                                                              |
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|  |  | When the air conditioner in operation:<br>Press the TIMER button.<br>The SET/CANCEL indicator light will blink awaiting for setting.<br>Press the TEMP/TIMER ▲ or ▼ button until preferred hour of operation is reached.<br>Press the SET/CANCEL button to complete the setting. At this time, the SET/CANCEL indicator light is steady instead of blinking. |
|  |  | <b>NOTE:</b><br>The hour reading will change back to the set temperature reading after 5 seconds. (You can also revert to temperature setting immediately by pressing the TEMP/TIMER ▲ or ▼ buttons again.)                                                                                                                                                  |
|  |  |                                                                                                                                                                                                                                                                                                                                                              |

### CHECK TIMER SETTING DURING OFF TIMER

|  |  |                                                                                                                                                                                |
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|  |  | Press the TIMER button to check the remaining programmed timer setting. The figure will be displayed for 5 seconds then will automatically switch back to temperature setting. |
|  |  | <b>NOTE:</b><br>The timer figure will change according to the time remaining (If you set it turn off 3 hours from now, the timer will show "2" at an hour later.)              |

### CANCEL OFF TIMER SETTING

|  |  |                                                                                                                                                   |
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|  |  | Press the SET/CANCEL button to cancel the timer setting. The SET/CANCEL indicator light will turn off. However the temperature remains displayed. |
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### SLEEP MODE SETTING

The air conditioner will gradually increase the temperature during sleeping time. When the set room temperature is reached, it will maintain the set temperature for an hour and will shift 1°C up. The 1°C up will be maintained for an hour and then will shift 1°C up for a total of 2°C up will be maintained until the set time is consumed and then the unit will turn off automatically. **NOTE:** The automatic shift of temperature (Max 2°C) is not indicated on the display panel.

|  |  |                                                                                                                                                                                                                                                                                                                                        |
|--|--|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  |  | Press MODE button to select Sleep mode. SLEEP LED lights on. SET LED blinking awaiting for confirmation. 7-SEGMENT LED DISPLAY show the latest set duration time or the default time (8 hours) if the duration has not been set.<br><br>Note: If the TIMER button is pressed after selecting SLEEP, there will be no change or effect. |
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|  |  |                                                                                                                                                                                                                                       |
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|  |  | Note: If no other operation is performed within 10 seconds, sleep mode will cancel out and automatically return to COOL mode. SET LED stops blinking and COOL LED lights on. 7-SEGMENT LED display will show the temperature display. |
|  |  | Note: The hour display will change to temperature display 5 seconds after SET/CANCEL button was pressed. Or press ▲ or ▼ buttons, the hour display will change to temperature immediately.                                            |

|  |  |                                                                                                       |
|--|--|-------------------------------------------------------------------------------------------------------|
|  |  | Press TEMP/TIMER ▲ or ▼ to select the desired hour. (Range is 4 to 12 hours).                         |
|  |  | Press SET/CANCEL button to complete setting. SET LED stops blinking and lights on. Sleep mode is set. |

|  |  |                                                                                                                                                                                                |
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|  |  | Note: The hour display will change to temperature display 5 seconds after the SET/CANCEL button was pressed. Or press ▲ or ▼ buttons, the hour display will change to temperature immediately. |
|--|--|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

### CHECK THE REMAINING HOUR DURING SLEEP OPERATION

|  |  |                                                                                                                                                                                                                                                                                |
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|  |  | Press the TIMER button to check the remaining hour of Sleep mode operation. The hour is displayed for 5 seconds then will automatically switch back to temperature display. If the set duration time is '7', it will display '6', one hour after Sleep mode starts to operate. |
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### CANCEL THE REMAINING HOUR DURING SLEEP OPERATION

|  |  |                                                                                                                                                                                                |
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|  |  | Press SET/CANCEL button. Sleep mode will cancel out and automatically return to Cool mode. SET LED and SLEEP LED lights off. COOL LED lights on. Or press MODE.                                |
|  |  | <b>NOTE:</b> After the unit stops from Sleep Mode operation or after the unit resumes operating after a brownout, it will automatically reset to Cool Mode at the time the unit was turned on. |

## SETTING THE ON TIMER

|  |  |                                                                                                                                                                                                                                                                       |
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|  |  | Press the TIMER button. The TIMER indicator light will blink to await for setting.                                                                                                                                                                                    |
|  |  | Press the TEMP/TIMER ▲ or ▼ button until the desired hour for operation is reached. Press the SET/CANCEL button to complete the setting. At this time, the TIMER indicator light is steady instead of blinking.                                                       |
|  |  | The display will show the remaining hour to the start of the operation (if you set to turn on 3 hours from now, the timer will show "2" at an hour later).                                                                                                            |
|  |  | When set time is reached, the air conditioner starts the operation under the previous setting mode and the TIMER indicator will light off. Now, the previous set mode and the fan speed will light up. Simultaneously, the display will show the setting temperature. |

### CHECK TEMPERATURE/MODE/FAN SPEED SETTING DURING ON TIMER

|  |  |                                                                                                                                                                                                                                                                               |
|--|--|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  |  | Press the TIMER button and the previous temperature setting will be shown. Simultaneously, MODE and FAN SPEED indicator will light up. This indication will last for 5 seconds, and then the display will show the remaining time. MODE and FAN SPEED indicator will turn on. |
|  |  |                                                                                                                                                                                                                                                                               |

### CHANGE TEMPERATURE/MODE/FAN SPEED SETTING DURING ON TIMER

|  |  |                                                                                                             |
|--|--|-------------------------------------------------------------------------------------------------------------|
|  |  | Press the SET/CANCEL button to cancel the timer setting.                                                    |
|  |  | Press the OPERATION. Set the desired mode and the fan speed. Then press OPERATION button to stop operation. |
|  |  | Start the TIMER setting again by repeating the step from the "Setting the on timer" procedures.             |

NOTE: ON Timer will work only for COOL Mode and FAN Mode

### CANCEL TIMER SETTING DURING ON TIMER

|  |  |                                                                                                                                                                                                                                                                                                                            |
|--|--|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  |  | Press the SET/CANCEL button to cancel the timer setting. The SET/CANCEL indicator light will turn off. To operate the air conditioner before reaching the set timer: <ul style="list-style-type: none"><li>• Press the SET/CANCEL to cancel the timer.</li><li>• Press the OPERATION button to turn on the unit.</li></ul> |
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## 6 HELPFUL INFORMATION & ENERGY SAVING HINTS

### HELPFUL INFORMATION

#### Auto Restart Control

- Operation will automatically resume under the previous operation mode.
- If the unit was set to TIMER mode or SLEEP mode, operation will not resume automatically.

#### Timer Setting

- When power failure occurs, the timer setting is cancelled. Once power returns, reset timer.

### ENERGY SAVING HINTS

- Setting the temperature 1°C higher save 10% electricity costs.
- Clean the air filter every 2 weeks. Regular cleaning of the air filter preserves efficiency.
- Keeping openings closed keeps cool air in and hot air out.
- Avoid direct sunlight and heat
- For health reason do not overcool your room.
- Your air conditioner's cooling capacity should match your room size.

## 7 CARE AND MAINTENANCE

|  |                                                                                                                                                                                                         |  |  |
|--|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|
|  | <b>WARNING</b><br>Always turn off the air conditioner and the main power supply before cleaning the unit.<br>Switch off the power supply if the unit is not going to be used for a long period of time. |  |  |
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- Clean the cabinet, front grille with mild soap or detergent and lukewarm water.
  - The front intake grille can be easily removed for cleaning purposes (refer to **Remove the front intake grille** procedures). Gently wash it with water and a sponge.
  - The filter can be easily cleaned using a vacuum cleaner. Vacuum the front of the filter and then wash the rear with water. If it is badly spoiled, wash with a mild household detergent.
  - Do not clean with benzene, thinner, scouring powder or cloth soaked in caustic chemicals.
  - If the unit is extremely dirty, heat transfer is less efficient and the unit may not cool effectively. Contact Shun Hing Electric Service Center Ltd. for an annual check. (Annual check is not covered by the warranty.)
  - If the air filter becomes clogged with dust, the cooling capacity will drop, and 6% of the electricity used to operate the air conditioner will be wasted.
- NOTE:** Do not dry the front panel or the air filter in direct sunlight.  
(Exposure to direct sunlight may discolour or deform the panel.)

### PRE-SEASON INSPECTION

#### Is the discharged air cold?

After 15 minutes of operation, it is normal for the temperature difference between intake and outlet air to be more than 8°C for cooling.

#### Are the air intake and outlet vanes of the indoor and outdoor side obstructed?

#### Are the remote control batteries weak?

### RECOMMENDED INSPECTION

Usage over several seasons will reduce performance as the unit becomes dirty. A dirty unit may produce foul odours and dust may clog the dehumidifying drainage. Seasonal inspection is recommended in addition to regular cleaning. Consult Shun Hing Electric Service Centre Ltd.,

## 8 BEFORE CALLING FOR SERVICE

|  |  |                                                                                                                                                          |
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|  |  | Check the following points before calling for repairs or service.<br>If the malfunction persists, please contact Shun Hing Electric Service Centre Ltd., |
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### Condition 1 If the unit is too noisy during operation.

The following sounds are normal during operation:

- A low humming sound indicating that the unit is operating.
- A soft clicking sound when the compressor turns on and off.
- A flowing sound due to circulation of the refrigerant when the compressor is turned on.
- A splashing sound indicating condensation in the condenser coil.

If you hear other noises, please consult Shun Hing Electric Service Centre Ltd.,

### Condition 2 If the unit does not operate.

- The main power cord is not plugged in.
- The main circuit breaker has tripped.
- Remote control batteries are weak.

### Condition 3 If the unit does not cool properly.

- The room is too big for the unit's capacity.
- The ventilation lever is set to OPEN
- The air circulation is impeded by curtains or furniture.
- After 15 minutes of operation, it is normal for the temperature difference between intake and outlet air to be more than 8°C for cooling.

|  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
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|  | <b>Information for Users on Collection and Disposal of Old Equipment and used Batteries</b><br><br>[Information on Disposal in other Countries outside the European Union]<br>These symbols are only valid in the European Union. If you wish to discard these items, please contact your local authorities or dealer and ask for the correct method of disposal.<br><br><br><b>Note for the battery symbol (bottom two symbol examples):</b><br>This symbol might be used in combination with a chemical symbol. In this case it complies with the requirement set by the Directive for the chemical involved. |
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### Condition 4 If water drips off the rear of the unit.

- Humidity is high.
- Condensed water is overflowing.
- To rectify the problem, mount an optional drain pan to the unit.

### Condition 5 If water drips inside the room.

- The unit is tilted inward. To rectify this, tilt the unit slightly outward.
- Mount the optional drain pan if you prefer.
- The drain pan may be blocked.

**To call Shun Hing Electric Service Centre Ltd. IMMEDIATELY Turn off the power and contact Shun Hing Electric Service Centre Ltd. as soon as any of the following events occur.**

- The circuit breaker frequently trips or the fuse blows regularly.
- If water or foreign objects have accidentally entered the air conditioner.
- If there is abnormal sound during operation.

### NOTE:

1. The enclosure opposing the room side is splash proof (IPX4).
2. Do not install this appliance in a laundry room or other locations where water may drip from the ceiling, etc.
3. If the supply cord is damaged or need to be replaced, it must be replaced by the manufacturer or its service agent or a similarly qualified person in order to avoid a hazard.

**Panasonic Corporation**  
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