Kelvinator 🜊

Inverter Split-type Room Air Conditioner User Manual KSV26HRB, KSV35HRB, KSV53HRB, KSV62HRB, KSV70HRB, KSV80HRB, Refrigerant R410A



Congratulations

Congratulations and thank you for choosing our Inverter split-type room air conditioner. We are sure you will find your new air conditioner a pleasure to use. Before you use the air conditioner, we recommend that you read through the entire user manual, which provides the description of the air conditioner and its functions.

To avoid the risks that are always present when you use an electrical appliance, it is important that the air conditioner is installed correctly and that you read the safety instructions carefully to avoid misuse and hazards.

We recommend that you keep this instruction booklet for future reference and pass it on to any future owners. After unpacking the air conditioner please check it is not damaged. If in doubt, do not use the air conditioner but contact your local Electrolux Customer Care Centre.

environmental tip

Information on disposal for users

- Most of the packing materials are recyclable. Please dispose of those materials through your local recycling depot or by placing them in appropriate collection containers.
- If you wish to discard this air conditioner, please contact your local authorities and ask for the correct method of disposal.

A caution

- The air conditioner is not intended for use by young children or infirmed persons without supervision.
- Young children should be supervised to ensure that they do not play with the air conditioner.
- Contact an authorised installer for installation of this unit.
- Contact an authorised service technician for repair or maintenance of this unit.
- If the power cord is to be replaced, replacement work shall be performed by authorised personnel only.
- Installation work must be performed in accordance with the national wiring Standards by authorised personnel only.

Conditions of use

This appliance is intended to be useed in household and similar applications such as:

- Staff kitchen areas in shops, offices and other working environments
- Farm houses
- By clients in hotels, motels, and other residential type environments
- Bed and breakfast type environments

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Important notes

- Contact an authorised installer for installation of this unit.
- Contact an authorised service technician for repair or maintenance of this unit.
- The socket oulet required to supply power must be connected and commissioned by a licenced contractor.
- 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.
- Young children should be supervised to ensure that they do not play with the air conditioner.
- If the power cord is to be replaced, replacement work shall be performed by authorised personnel only.
- Installation work must be performed in accordance with the national wiring standards and the electricity suppliers service rules by authorised personnel only.
- If the system is to be moved to another location or disposed of, only a suitably qualified person is permitted to undertake such work.
- Take care not to catch fingers on the fan blade when adjusting vertical louvres.
- This air conditioner uses R410A refrigerant (Confirm before installation)

Safety precautions

How to properly use and maintain your air conditioner.

Just a little preventative care on your part can save you a great deal of time and money over the life of your air conditioner. You'll find many answers to common problems in the chart of troubleshooting tips. If you review the chart of Troubleshooting Tips first, you may not need to call for service.

Meanings of symbols used in this manual are shown below:



This symbol indicates information concerning your personal safety

A caution

This symbol indicates information on how to avoid damaging the appliance



This symbol indicates tips and information about use of the appliance



This symbol indicates tips and information about economical and ecological use of the appliance

 \bigcirc

This symbol indicates never to do this

This symbol indicates always do this

Always do this

🕂 warning

(!)	Connect with power properly. Otherwise, it may cause electric shock or fire due to excess heat generation.
\bigcirc	Do not operate or stop the unit by switching on or off the power. It may cause electric shock or fire due to heat generation.
\bigcirc	Do not damage or use an unspecified power cord. It may cause electric shock or fire.
\bigcirc	Do not modify power cord length or share the outlet with other appliances. It may cause electric shock or fire due to heat generation.
\bigcirc	Do not operate with wet hands or in damp environment. It may cause electric shock.
\bigcirc	Do not direct airflow at room occupants only. This could damage your health.
(Always ensure effective earthing. No earthing may cause electric shock.
\bigcirc	Do not allow water to run into electric parts. It may cause failure of machine or electric shock.
(!)	Always install circuit breaker and a dedicated power circuit. Improper installation may cause fire and electric shock.
(!)	Disconnect the power if strange sounds, smell, or smoke comes from unit. It may cause fire and electric shock.
\bigcirc	Do not drink water drained from air conditioner. It contains contaminants and could make you sick.
\bigcirc	Do not open the unit during operation. It may cause electric shock.
(Use correctly rated circuit breaker or fuse. There is risk of fire or electric shock.
\bigcirc	Do not use the power cord close to heating appliances. It may cause fire and electric shock.
\bigcirc	Do not use the power cord near flammable gas or combustibles, such as gasoline, benzene, thinner, etc. It may cause an explosion or fire.
()	Ventilate room before operating air conditioner if there is a gas leakage from another appliance. It may cause explosion, fire and, burns.
\bigcirc	Do not disassemble or modify unit. It may cause failure and electric shock.

Operating instructions

🔨 caution

\bigcirc	When the air filter is to be removed, do not touch the metal parts of the unit. It may cause an injury.		
\bigcirc	Do not clean the air conditioner with water. Water may enter the unit and degrade the insulation. It may cause an electric shock.		
!	Ventilate the room well when used together with a stove, etc. An oxygen shortage may occur.		
\bigcirc	Do not put a pet or house plant where it will be exposed to direct air flow. This could injure the pet or plant.		
\bigcirc	Do not use for special purposes. Do not use this air conditioner to preserve precision devices, food, pets, plants, and art objects. It may cause deterioration of quality, etc.		
!	Stop operation and close the window in storm or hurricane. Operation with windows opened may cause wetting o indoor and soaking of household furniture.		
\bigcirc	Do not place obstacles around air-inlets or inside of air-outlet. It may cause failure of appliance or accident.		
(!)	Turn off the main power switch when not using the unit for a long time. It may cause failure of product or fire.		
\bigcirc	Do not use strong detergent such as wax or thinner. Use a soft cloth for cleaning. Appearance may be deteriorated due to change of product colour or scratching of its surface.		
!	Ensure that the installation bracket of the outdoor appliance is not damaged due to prolonged exposure If bracket is damaged, there is concern of damage due to falling of unit.		
!	Always insert the filters securely. Clean filter once every two weeks. Operation without filters may cause failure.		
\bigcirc	Do not place heavy object on the power cord and take care so that the cord is not compressed. There is danger of fire or electric shock.		
(!)	Use caution when unpacking and installing. Sharp edges could cause injury.		
(!)	If water enters the unit, turn the unit off and disconnect the power, contact a qualified service technician.		
!	Hold the plug by the head of the power plug when taking it out. Failure to do so may cause electric shock and damage		

Prior to Operation

Preparing for operation

- 1 Contact an installation specialist for installation.
- 2 Plug in the power plug properly.
- 3 Do not use a damaged or non-standard power cord.
- 4 Do not share the same outlet with other appliances.
- 5 Do not use an extension cord.
- 6 Do not start/stop operation by plugging /unplugging the power cord.

Usage

- 1 Exposure to direct airflow to occupants, pets or plants for an extended period of time could be hazardous to your health.
- 2 Due to the possibility of oxygen deficiency, ventilate the room when used together with stoves or other heating devices.
- 3 Do not use this air conditioner for non-specified special purposes (e.g. preserving precision devices, food, pets, plants, and art objects). Usage in such a manner could harm such property.

Cleaning and maintenance

- 1 Do not touch the metal parts of the unit when removing the filter. Injuries can occur when handling sharp metal edges.
- 2 Do not use water to clean inside the air conditioner. Exposure to water can destroy the insulation, leading to possible electric shock.
- 3 When cleaning the unit, first make sure that the power and circuit breaker are turned off.

Service

For repair and maintenance, contact your authorised service dealer.

Parts names
Indoor unit
1. Front panel
2. Panel frame
3. Chassis
4. Air filter
5. Horizontal louver
6. Vertical louver
7. Indicator Lamps
8. Manual control button
9. Remote control



Outdoor unit

- 12 Connecting cable
- 13 Refrigerant pipe
- 14 Stop valve



NOTE: All the pictures in this manual are for explanation purpose only. Your air conditioner may be slightly different. The actual shape shall prevail.



LED display panel on indoor device

1 Auto indicator

This indicator illuminates when the air conditioner is in AUTO operation.

2 Timer indicator

This indicator illuminates when Timer is set ON/OFF.

3 Defrost indicator

(For Heating & Cooling model only):

This indicator illuminates when the air conditioner starts defrosting automatically or when the warm air control feature is activated in heating operation.



4 Temperature indicator

A: Usually it displays the temperature settings. When changing the setting temperature, this indicator begins to flash, and stops 20 seconds later.

- B: It displays the room temperature when the air conditioner is in FAN only operation.
- C: Displays the malfunction code or protection code.

5 Operation frequency display

This display is separated into five zones.

- The zones illuminate based on the compressor current frequency. For example, higher frequency will illuminate more zones.
- Operation frequency display not available on KSV70 and KSV80.

Additional features

Eco mode:

This function enables the unit to automatically increase (cooling) or decrease (heating) 1°C per hour for the first two hours, then hold steady for the next 5 hours, after that the unit will stop operation. It can maintain the most comfortable temperature and save energy.

Auto-Restart function:

When the power is off and then on, the unit automatically restores the previous function settings.

Easy-cleaned panel:

The front panel may be easily removed for periodic cleaning.

Self-diagnosis and Auto-protection function:

This function can electronically detect the errors and display the diagnosis by number displayed on the LED window on the indoor unit.

Then the unit will automatically switch to protection mode.

Operating temperature

Mode/ Temperature	Cooling operation	Heating operation	Drying operation
Room	≥17°C	≤30°C	>10°C
Temp	18°C 50°C		
Outdoor Temp	(15°C 50°C:For the models with low temperature cooling systems)	15°C 34°C	10°C 50°C

A caution

- 1 If the air conditioner is used outside of the above conditions, certain safety protection features may come into operation and cause the unit to function abnormally.
- 2 Room relative humidity less than 80%. If the air conditioner operates in excess of this figure, the surface of the air conditioner may attract condensation. Please set the vertical air flow louver to its maximum angle (vertically to the floor), and set HIGH fan mode.
- 3 Optimum performance will be achieved within these operating temperature.

Suggestion: For the unit adopts an Electric Heater, when the outside ambient temperature is below 0°C, we strongly recommend you to keep the machine plugged in in order to guarantee it running smoothly.

Manual operation

Units are equipped with a switch to activate the emergency operation mode. This switch can be used as an emergency switch to turn the system on and off if the remote control fails to work.





- NOTE: The unit must be turned off before operating the manual control button. If the unit is operational, continue pressing the manual control button until the unit is off.
- 1 Open and lift the front panel up to an angle until it remains fixed with a clicking sound.
- 2 One press of the manual control button will lead to the forced AUTO operation. If you press the button twice within five seconds, the unit will operate under forced COOL operation.
- 3 Close the panel firmly to its original position.

\Lambda caution

- It is recommended not to use for ongoing operation of the unit.
- To restore the remote control operation, use the remote control directly.

Optimal operation

To achieve optimal performance, please note the following:

- Adjust the air flow direction correctly so that it is not directed on people.
- Adjust the temperature to achieve the highest comfort level. Do not adjust the unit to excessive temperature levels.
- Close doors and windows on COOL or HEAT modes, otherwise performance may be reduced.
- Use TIMER ON button on the remote control to select a time you want to start your air conditioner.
- Do not put any object near the air inlet or air outlet, as the efficiency of the air conditioner may be reduced and it may even stop running.
- Clean the air filter periodically, otherwise cooling or heating performance may be reduced.
- Do not operate the unit with horizontal louvre in closed position.

Using the remote control

Location of the remote control

- Keep the remote control where its signals can reach the receiver of the indoor unit. (a distance of 8m is allowed).
- When you select the timer operation, the remote control automatically transmits a signal to the indoor unit at the specified time.
- If you keep the remote control in a position that hinders proper signal transmission, a time lag of up to 15 minutes may occur.



A caution

- The air conditioner will not operate if curtains, doors or other materials block the signals from the remote control to the indoor unit.
- Prevent any liquid from falling into the remote control. Do not expose the remote control to direct sunlight or heat.
- If the infrared signal receiver on the indoor unit is exposed to direct sunlight, the air conditioner may not function properly. Use curtains to prevent the sunlight from falling on the receiver.
- If other electrical appliances react to the remote control, either move these appliances or consult your local dealer.

Replacing batteries

The remote control uses two AAA batteries.

- 1 Slide the cover of the battery compartment off according to the arrow direction, then replace the old batteries with new ones.
- 2 Insert the new batteries making sure that the(+) and (-) of battery are installed correctly.
- 3 Reattach the cover by sliding it back into position. After replacing batteries, set the remote control clock.
- NOTE: Do not dispose batteries as unsorted municipal waste. Collection of such waste separately for special treatment is necessary.



1 MODE Select Button:

Each time you push the button, a mode is selected in a sequence that goes from AUTO DRY FAN COOL and HEAT, as the following figure indicates:

AUTO ---- DRY ----- FAN ------ COOL ----- HEAT

NOTE: COOL only model has no HEAT feature.

2 ON/OFF Button:

Push this button to start or stop operation. If you keep pressing for more than 2 seconds, the self cleaning feature will activate.

3 CLOCK/TIMER Button:

First press of the button will initiate the TIMER ON setting program, the timer on indicator light illuminates and the setting time flashes at 1Hz. Second press of the button will activate the TIMER OFF setting program, the timer off indicator light illuminates and the setting time flashes at 1Hz.

Third press of the button will revert back to display the clock time.

4 CANCEL Button:

- (a) If the TIMER ON, TIMER ON OFF or TIMER OFF ON feature has been set, pressing the Cancel button will override the TIMER program and turn off the unit as well.
- (b) If only the TIMER OFF feature is set, pressing the Cancel button will cancel the timer off setting and turn on the unit (when the unit is off).
- (c) If no TIMER feature has been set, press the Cancel button, and nothing will happen.

5 FOLLOW ME Button (not available for KSV70HRB and KSV80HRB):

Push this button to initiate the Follow Me feature. the remote displays the temperature at its location. The remote control will send this signal to the air conditioner in 3 minute intervals until you press the Follow Me button again. The air conditioner will automatically cancel the Follow Me feature if it does not receive the signal during any 7 minute interval.

NOTE: The Follow Me feature is not available under DRY and FAN mode. Shifting the operating mode or turning off the unit will cancel the Follow Me feature automatically. The remote control needs to be within 8m reach of the indoor unit for the Follow Me mode to work appropriately.

6 TURBO Button:

Push this button on COOL mode, the air conditioner goes into powerful cooling operation. Push again to cancel the TURBO function.

7 Display on/off Button:

Press this button to turn off the digital display on the air conditioner, press it again to activate it. If you keep pressing for 2 or more seconds, the indoor unit will display the ambient room temperature.

8 TEMP/TIME Button:

Push the " button to increase the indoor temperature setting or to adjust the TIMER (clock time) in a clockwise direction. Push the " ∇ " button to decrease the indoor temperature setting or to adjust the TIMER (clock time) in a counter-clockwise direction.

NOTE: Press and hold " \blacktriangle "and " ∇ " buttons together for 3 seconds will alternate the temperature display between the C & F scale.

9 FAN SPEED Button:

Used to select the Fan Speed in four steps- AUTO LOW MED or HIGH. Each time the button is pressed, the fan speed mode is shifted. The fan speed can not be selected under AUTO and DRY mode.

10 SWING Button:

Press this button to change the swing angle of the louver. The angle of the horizontal louver will adjust by 6 degrees with each press of the button. If you keep pressing the button for 2 or more seconds, the louver will swing up and down automatically.

11 ECO Button:

Press this button to go into the Energy-Saving operating mode. Press it again to cancel. This function can only be used on COOL and HEAT mode and maintain the most comfortable temperature for you.

NOTE: While the unit is running under Economic operation mode, it will be cancelled when changing the mode or the fan speed.

Indicators on remote control



Note: All items shown in the figures are for explanation purpose only. During the actual operation, only the relative functional items are shown on the display panel. After installing the batteries for the first time, the backlight function is not available.



Temp display

Displays the ambient room temperature. Under temperature setting operation, the temperature can be adjusted in a range of 17°C /62°F to 30°C/88°F. Under FAN mode, the temperature can not be adjusted.

88 %

Humidity display

Displays the room relative humidity in percent value.



Transmission Indicator

This transmission indicator lights when the remote control transmits signals to the indoor unit.



ON/OFF display

Displayed by pressing the ON/OFF button. Press the ON/OFF button again to remove.

Fan speed display

Displays the selected fan speed, AUTO (no display) and three fan speed levels "🖆" (LOW) "🚰" (MED) "🚰 🗐" (HIGH) can be indicated.

Displays " $\overline{\mathbf{v}}$ " when the operating mode is either AUTO or DRY.



FOLLOW ME display

Displayed when follow me feature is activated.



ECO Display

Displayed by pressing the ECO button. Press the ECO button again to remove.

Time display

Indicate Timer on/off time (0~23:50 hours) or clock time.



Timer display

When the TIMER ON is set, it displays " $\stackrel{\Theta}{\mapsto}$ ". If only TIMER OFF is set, it displays " ". When both TIMER ON and TIMER OFF are set, it displays " Θ



Mode display

Displays the current operation mode. Including AUTO (♥), DRY(0), FAN(♥), COOL(♥), HEAT(♥) (Not applicable to cooling only model) and back to AUTO(🐷).

Airflow direction control

- Adjust the air flow direction properly otherwise, it might cause discomfort or cause uneven room temperatures.
- Adjust the horizontal louver using the remote control.
- Adjust the vertical louver manually.

To set the vertical air flow (Up-Down) direction

Perform this function while the unit is in operation. Keep pressing the aim button on the remote control to move the louver to the desired direction. The angle of the horizontal louver will adjust by 6 degrees with each press of the button.



To set the horizontal air flow direction (left-right)

Adjust the vertical louver manually using the lever on the left or right side of the vertical louver arm (Depending on model). Take care not to catch fingers on the fan, horizontal louver or to damage the vertical louvers. When the air conditioner is in operation and the horizontal louver is in a specific position, move the lever at left (or right, depending on model) end of the air outlet to the desired position.



Left and right air flow

caution

•

• The **aim/swing** button will be disabled when the air conditioner is not in operation (including when the TIMER ON is set).

• Do not operate the air conditioner for long periods with the air flow direction set downward in cooling or dry mode. Otherwise, condensation may occur on the surface of the horizontal louver causing moisture to drop on to the floor or on furnishings.

Do not move the horizontal louver manually. Always use the aim/swing button. If you move this louver manually, it may malfunction during operation. If the louver malfunctions, stop the air conditioner once and restart it.

When the air conditioner is started immediately after it was stopped, the horizontal louver might not move for approximately 10 seconds.

- Open angle of the horizontal louver should not be set too small, as COOLING or HEATING performance may be impaired due to a restricted air flow area.
- Do not operate unit with horizontal louver in closed position.
- When the air conditioner is connected to power (initial power), the horizontal louver may generate a sound for 10 seconds, this is a normal operation.

How to operate the air conditioner Automatic operation

When you set the air conditioner to AUTO mode, it will automatically select cooling, heating (only for reverse cycle models), or fan only operation depending on what temperature you have selected and the room temperature. Once you select the operating mode, the operating conditions are saved in the unit's microcomputer memory. Thereafter, the air conditioner will start operating under the same conditions when you simply push the ON/OFF button on the remote control.

Start

Ensure the unit is plugged in and power is available. The OPERATION indicator on the display panel of the indoor unit starts flashing.

- 1 Mode select button (MODE) Press to select AUTO.
- 2 TEMP/TIME button Set the desired temperature. Normally, set it between 21°C/70°F to 28°C/84°F.
- 3 ON/OFF button

When the remote control is off, push this button to start the air conditioner.

Stop

ON/OFF button

Push this button again to stop the air conditioner.

If the AUTO mode is uncomfortable, you can select the desired conditions manually.

When you select the AUTO mode, you do not have to set the fan speed. The fan speed will be automatically controlled.



AUTO operation

The air conditioner will control room temperature automatically around the temperature point set by you. If the AUTO mode is uncomfortable, you can select desired conditions manually.

Cooling/Heating/Fan only operation

Start

Ensure unit is plugged in and power is available.

The OPERATION lamp on the display panel of the indoor unit starts flashing.

- 1 Mode select button (MODE) Press to select COOL, HEAT (Not applicable to cooling only models), or FAN ONLY.
- 2 TEMP/TIME button Set the desired temperature, the most comfortable temperature is between 21°C/70°F to 28°C/84°F.
- 3 Fan speed button
- Press to select "AUTO" "LOW", "MED" and "HIGH"
- 4 ON/OFF button

When the remote control is off, push this button to start the air conditioner.

Stop

ON/OFF button

Push this button again to stop the air conditioner.

The FAN ONLY mode does not control temperature. Therefore, perform only steps 1,3, and 4 to activate this mode.



Drying operation

Start

Ensure unit is plugged in and power is available. The OPERATION indicator on the display panel of the indoor unit starts flashing.

- 1 Mode select button (MODE) Press to select DRY.
- 2 TEMP/TIME button
 - Push the "TEMP/TIME" button to set the desired temperature.
- 3 ON/OFF button

Stop

When the remote control is off, push this button to start the air conditioner.

ON/OFF button

Push this button again to stop the air conditioner.

Note: The fan speed cannot be adjusted when the unit is in AUTO and DRY mode.



- The fan speed will be automatically controlled under dry operation.
- During the dry operation, if the room temperature is lower than 10°C, the compressor stops operating and restarts only when the room temperature is above 12°C.

Eco operation

When you push the ECO button on the remote control during cooling, heating, or AUTO operation ,the air conditioner will automatically increase (cooling) or decrease (heating) the set temperature by 1°C per hour for the first two hours, then hold steady for the next 5 hours, after that the unit will stop operation. The fan speed will be automatically controlled. This feature can maintain the most comfortable temperature and save more energy for you.



Timer operation

1 CLOCK/TIMER button

Press the CLOCK/TIMER button, the current timer setting is displayed alongside either the TIMER ON or TIMER OFF indicator, and will flash.

2 TEMP/TIME button

Press to set the desired time.

Forward Backward

Each time you push the button, the time moves forward or backward by 10 minutes depending on which direction you press. The time alters as quickly as you press the button.

- 3 After setting the timer for TIMER ON and TIMER OFF, check that the TIMER indicator on the display panel of the indoor unit is illuminated.
- Cancel button (CANCEL)
 Press the CANCEL button to cancel the timer setting.
 Preform steps 1, 2 and 3 to change the settings.

▲ caution

When you select the timer operation, the remote control automatically transmits the timer signal to the indoor unit at the specified time.

- Therefore, keep the remote control in a location from which it can transmit the signal to the indoor unit properly.
- The effective operation time set by remote control is limited within 24 hours.

Examples of timer settings



Timer On

The TIMER ON feature is useful when you want the unit to turn on automatically before you return home. The air conditioner will automatically start operating at the set time.

IMPORTANT: The time will be registered within a 0.5 second period (after pressing the TEMP/TIME button), so you should continue pressing the button until the desired time is established. Otherwise you must repeat the steps again.

Example:

To start the air conditioner at 6:00 a.m.

- 1 Press the CLOCK/TIMER button, the TIMER ON indicator illuminates and the setting time flashes (if the displayed time is just 6:00, 3 seconds later, the TIMER ON function will be activated automatically).
- 2 Use the TEMP/TIME button to display"6:00" on the TIMER ON display of the remote control.
- 3 Wait for 3 seconds and the setting time stops flashing and this function is activated. The screen reverts back to displaying the clock time.



Combined timer

(Setting both ON and OFF timers simultaneously) TIMER OFF → TIMER ON

(On → Stop → Start operation)

This feature is useful when you want to stop the air conditioner after you go to bed, and start it again in the morning when you wake up or when you return home.

Example:

Now it is 20:00 hours in the evening. You want to stop the air conditioner at 23:00 and start it again the next morning at 6:00.

- 1 Press the CLOCK/TIMER button until the TIMER OFF indicator displays and time setting flashes.
- 2 Use the TEMP/TIME button to display "23:00" besides the TIMER OFF display.
- Press the CLOCK/TIMER button again to display the 3 TIMER ON indicator.
- 4 Use the TEMP/TIME button to display "6:00" besides the TIMER ON display.
- 5 Wait for 3 seconds and the setting time stops flashing and this function is activated. The screen will revert back to displaying the clock time.



TIMER ON → TIMER OFF

(Off → Start → Stop operation)

This feature is useful when you want to start the air conditioner before you wake up and stop it after you leave the house.

Example:

To start the air conditioner at 6:00 the next morning, and stop it at 8:00.

- 1 Press the CLOCK/TIMER button, the TIMER ON indicator illuminates and the set time flashes.
- 2 Use the TEMP/TIME button to display "6:00" besides the TIMER ON display of the remote control.
- 3 Press the CLOCK/TIMER button again to activate the TIMER OFF feature.
- Use the TEMP/TIME button to display "8:00" besides the 4 TIMER OFF display.
- 5 Wait for 3 seconds and the setting time stops flashing and this function is activated. The screen will revert back to displaying the clock time.



Notes: The timer setting (TIMER ON or TIMER OFF) that in sequence occurs directly after the actual time will be activated first.

caution

- 1 When replacing batteries, do not use old batteries or different types of batteries. Otherwise it may cause the remote control to malfunction.
- 2 Remove the batteries when not being used for a long time. Otherwise, battery leakage may damage the remote control.
- 3 To prevent damage, please do not drop the remote control.
- 4 The average battery life during normal use is approximately 5 months.

The actual battery life is based on operation conditions. Replace the batteries when there is no receiving beep from the indoor unit or if all the indicators are shown on the LCD window during operation.

- 5 Be sure there are no barriers between the remote control and the receiver of the indoor unit otherwise the air conditioner will not work.
- 6 Keep the Remote Control away from all liquids.
- Protect the Remote Control from high temperatures and exposure to radiation.
- Keep the indoor receiver out of direct sunlight or the Air 8 Conditioner may malfunction.
- 9 Keep remote control away from EMI (Electro-Magnetic Interference) generated by other household appliances.

Specification

Model	RG03A/BGEF-ELBR, RG03A/BGCEF-ELBR
Rated Voltage	3.0V(Alkaline dry batteries Lr03 2)
Transmission Distance	8m (when voltage becomes lower, the transmission distance will be reduced.)
Environment	-5 C 60 C(-410F~1400F)

Digital display button function



(Display off)

When you press the DIGITAL button, the setting temperature display on indoor unit will be shut off. Press the button again and the display will be activated.

This function is useful when you want to shut down the display when you are sleeping.

Setting the clock

Before you start operating the air conditioner, set the clock of the remote control using the procedures given in this section. The clock panel on the remote control will display the time regardless of whether the air conditioner is in use or not

Initial Setting of the Clock

After batteries are inserted in the remote control, the clock panel will display "12:00" and begin to flash.

- TEMP/TIME adjust button
- Press this button to set the time.



- Each time you press the button, the time moves forward or backward by one minute depending on which side you press.
- The time alters as quickly as you push the button.
- Keep pressing the button without releasing, the time moves forward or backward by 10 minutes depending on which side you press.

When the right time is achieved, press the CLOCK/TIMER button to confirm or release the button and wait for 3 seconds, the clock time stops flashing and the clock starts operating.

Clock/Timer button

When the right time is set, press the CLOCK/TIMER button to confirm or release the or v and wait for 3 seconds, the clock time stops flashing and the clock starts operating.

Note: The time of the CLOCK must be set before the AUTO-TIMER feature can operate. The CLOCK time can not be adjusted after setting the AUTO-ON/OFF timer.

> Press the CLOCK/TIMER button on the remote control for about 3 seconds, the previous time displays and starts to flash.

* Clock accuracy is within 15 seconds per day.

To set the new time, follow 1 and 2 of "Initial Setting of the Clock".

caution

Static electricity or other factors (in case of extremely high voltage) can cause the remote control clock to re-initialise. If your remote control is initialised (flashing "12:00"), readjust the clock before you start operation.



Maintenance

The units are designed to operate for long periods of time with a minimum of maintenance.

However, the following operation must be performed regularly.

ltems	Maintenance Operations	Recommended Frequency	F 1
Air filter	Clean	Every month or more often if necessary	ź
Air freshening filter	Change/replace a new one	Every 4 months	3
Unit casing	Clean	Every month or more often if necessary	Z
Water tray and evacuation piping	Clean and check for obstructions	Each season before start up*	
Indoor/outdoor coils	Clean	Each season before start up*	
Compressor	No need		

* This operation must be performed by qualified personnel only.

Note: Supply power must be disconnected before cleaning the indoor unit.

Cleaning the Grille, Case and Remote Control

Switch the system off before cleaning. To clean, wipe with a soft dry cloth. Do not use bleach or abrasives.



A caution

- A cloth soaked in warm water may be used on the indoor unit if it is very dirty. Then wipe it with a dry cloth.
- Do not use a chemically treated cloth or duster to clean the unit.
- Do not use benzine, thinner, polishing powder, or similar solvents for cleaning. These may cause the plastic surface to crack or deform.
- Never use water hotter than 40 C to clean the front panel, it could cause deformation of discolouration.

Cleaning the air filter

NOTE: Supply power must be disconnected before cleaning the indoor unit.

A clogged air filter reduces the cooling efficiency of this unit. Please clean the filter every month or more often if necessary.

- 1 Lift the indoor unit front panel up to an angle until it stops with a clicking sound.
- 2 Take hold of the handle of the air filter and lift it up slightly to take it out from the filter holder, then pull it downwards.
- 3 Remove the AIR FILTER from the indoor unit. Clean the AIR FILTER with a vacuum cleaner or water, then dry it in cool place.
- Remove the Air Freshening Filter from its support frame
 Optional Filters: Plasma Duster Collector / Silver Ion
 Filter / Bio Filter / Vitamin C Filter / 3M air purifier Filter
 from its support frame.
 (There is slight difference on installation/removing the
 filter, see the pictures marked ① and ② on the left.
- Clean the air freshening filter at least once a month, and replace it every 4-5 months.
- Clean it with a vacuum cleaner, then dry it in a cool place.

🕂 warning

Do not touch the Plasma Dust Collector Filter within 10 minutes after opening the front panel, it may cause an electric shock.

- 5 Install the air freshening filter back into position.
- 6 Insert the upper portion of air filter back into the unit, taking care that the left and right edges line up correctly and place filter into position.

Maintenance

If the air conditioner is not going to be used for some period of time:

- 1 Let the fans run for 3~4 hours to allow the device to completely dry out.
- 2 Switch off the device and pull the power plug. Remove the batteries from the remote control.
- 3 The outdoor unit requires periodic maintenance and cleaning. Do not attempt to do this yourself. Contact your dealer or servicer.

Checks before operation

- Check that the wiring is not broken off or disconnected.
- Check that the air filter is installed.
- Check if the air outlet or inlet is blocked after the air conditioner has not been used for a long time.





Filter Handle







A caution

- Do not touch the metal parts of the unit when removing the filter. Injuries can occur when handling sharp metal edges.
- Do not use water to clean inside the air conditioner. Exposure to water can destroy the insulation, leading to possible electric shock.
- When cleaning the unit, first make sure that the power and circuit breaker are turned off.

Troubleshooting Tips

Before you contact customer service, check the following first:

The air conditioner does not start. Check the following:

- 1 Is voltage present at the plug socket outlet?
- 2 Check the plug fuse!
- 3 Is the timer set?

The air conditioner does not provide satisfactory cooling. Check the following:

- 1 Has an appropriate temperature been set?
- 2 Is the air filter soiled? Clean and fit back in place.
- 3 Are the inlets and outlets on the outdoor unit blocked?
- 4 Are the doors and windows closed?

The remote control does not work. Check the following:

- 1 Important! It only works within a range of 8m from the indoor unit.
- 2 Are the batteries still OK? Replace if necessary!
- 3 Have the batteries been inserted correctly? Check that the + and terminals are in the correct positions!

Stop the air conditioner immediately if one of the following faults occur. Disconnect the power and contact your service center.

1 Fuse blows frequently or circuit breaker trips frequently.

- 2 Other objects or water penetrate the air conditioner.
- 3 If one of the malfunction codes appears on the LED display window: E0, E1, E2, E3, E4, E5, F0, F1, F2, F3, F4, F5, P0, P1, P2, P3 or P4.
- NOTE: When more than one malfunction occur, pressing any button on the remote control will display the error codes in sequence, and the unit will respond by a beep for each press.
- 4 Other abnormal situations.

Operation tips

The following events may occur during normal operation.

1 Protection of the air conditioner.

Compressor protection

- The compressor can't restart for 3 minutes after it stops. Anti-cold air
 - The unit is designed not to blow cold air on HEAT mode, when the indoor heat exchanger is in one of the following three situations and the set temperature has not been reached.
 - A) When heating has just starting.
 - B) Defrosting.
 - C) Low temperature heating.
- The indoor or outdoor fan stop running when defrosting.

Defrosting

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- Frost may be generated on the outdoor unit during heat cycle when outdoor temperature is low and humidity is high resulting in lower heating efficiency of the air conditioner.
- During this condition the air conditioner will stop heating operation and start defrosting automatically.
- The time to defrost may vary from 4 to 10 minutes according to the outdoor temperature and the amount of frost buildup on the outdoor unit.

2 A white mist coming out from the indoor unit

- A white mist may be generated due to a large temperature difference between air inlet and air outlet on COOL mode in an indoor environment that has a high relative humidity.
- A white mist may be generated due to moisture generated from the defrosting process when the air conditioner restarts in HEAT mode operation after defrosting.

3 Low noise of the air conditioner

- You may hear a low hissing sound when the compressor is running or has just stopped running.
 - This sound is the sound of the refrigerant flowing or coming to a stop.

- You can also hear a low "squeak" sound when the compressor is running or has just stopped running. This is caused by heat expansion and cold contraction of the plastic parts in the unit when the temperature is changing.
- A noise may be heard due to louver restoring to its original position when power is first turned on.

4 Dust is blown out from the indoor unit.

This is a normal condition when the air conditioner has not been used for a long time or during first use of the unit.

- 5 A peculiar smell comes out from the indoor unit. This is caused by the indoor unit circulating smells permeated from building material, from furniture, or smoke.
- 6 The air conditioner turns to FAN only mode from COOL or HEAT mode.

When indoor temperature reaches the temperature setting on air conditioner, the compressor will stop automatically, and the air conditioner turns to FAN only mode.

The compressor will start again when the indoor temperature rises on COOL mode or falls on HEAT mode to the set point.

7 Dripping water may generate on the surface of the indoor unit when cooling in a high relative humidity (relative humidity higher than 80%). Adjust the horizontal louvre to the maximum air outlet position and select HIGH fan speed.

8 Heating mode

The air conditioner draws in heat from the outdoor unit and releases it via the indoor unit during heating operation. When the outdoor temperature falls, heat drawn in by the air conditioner decreases accordingly. At the same time, heat loading of the air conditioner increases due to larger difference between indoor and outdoor temperature.

If a comfortable temperature can't be achieved by the air conditioner, we suggest you use a supplementary heating device.

9 Auto-restart function

Power failure during operation will stop the unit completely.

For the unit without Auto-restart feature, when the power restores, the OPERATION indicator on the indoor unit starts flashing. To restart the operation, push the ON/OFF button on the remote control. For the unit with Auto-restart feature, when the power restores, after a delay of 3 minutes to protect the compressor the unit restarts automatically with all the previous settings preserved by the memory function.

10 Lightning or a car wireless telephone operating nearby may cause the unit to malfunction. Disconnect the unit from power and then re-connect the unit with power again. Push the ON/OFF button on the remote control to restart operation.

Normal function of the air conditioner

The following symptoms do not indicate air conditioner malfunction.

Problem	Cause
After pressing the start key, the unit is not started by the microprocessor for 3 minutes.	It is for the protection of the compressor, please wait .
Low noise can be heard	The crackling noises are caused by the contraction and expansion of the front panel in response to temperature differences.
	The clicking noise may be caused by the fan or the compressor when switching on or off.
	You may hear moving water. This is not a fault. The refrigerant in the air conditioner may have expanded.
Odd smell in the room	The air conditioner also circulates the transpiration from the walls, carpets, smoke, furniture and clothing in the air.
Water drops from the indoor unit	Dripping water may generate on the surface of the indoor unit when cooling in a high relative humidity (RH more than 80%). Adjust the horizontal louver to the maximum air outlet position and select HIGH fan speed.
Air is not blown out immediately in heat mode.	The unit is designed not to blow cold air on HEAT mode, when the indoor heat exchanger is in one of the following three situations and the set temperature has not been reached. A) When heating has just started. B) Defrosting. C) Low temperature heating. The indoor or outdoor fan stop running when defrosting (Cooling and heating models only).
The unit turns to Fan mode from cool or heat mode automatically	When the room temperature reaches the temperature setting on air conditioner, the compressor will stop automatically, and the air conditioner turns to FAN only mode. The compressor will start again when the room temperature rises on COOL mode or falls on HEAT mode (For cooling & heating models only) to the set point.

Notes

Electrolux Warranty

FOR SALES IN AUSTRALIA AND NEW ZEALAND APPLIANCE: KELVINATOR SPLIT SYSTEM AIR CONDITIONER

This document sets out the terms and conditions of the product warranties for Electrolux Appliances. It is an important document. Please keep it with your proof of purchase documents in a safe place for future reference should you require service for your Appliance. 1. In this warranty

- (a) 'acceptable quality' as referred to in clause 10 of this warranty has the same meaning referred to in the ACL;
- (b) 'ACL' means Trade Practices Amendment (Australian Consumer Law) Act (No.2) 2010;
- (c) 'Appliance' means any Electrolux product purchased by you accompanied by this document;
- (d) 'ASC' means Electrolux' authorised serviced centres;
- (e) 'Electrolux' means Electrolux Home Products Pty Ltd of 163 O'Riordan Street, Mascot, NSW 2020, ABN 51 004 762 341 in respect of Appliances purchased in Australia and Electrolux (NZ) Limited of 3-5 Niall Burgess Road, Mount Wellington, in respect of Appliances purchased in New Zealand;
- (f) 'major failure' as referred to in clause 10 of this warranty has the same meaning referred to in the ACL and includes a situation when an Appliance cannot be repaired or it is uneconomic for Electrolux, at its discretion, to repair an Appliance during the Warranty Period; (g) 'Warranty Period' means:
- (i) where the Appliance is used for personal, domestic or household use (i.e. normal single family use) as set out in the instruction manual, the Appliance is warranted against manufacturing defects in Australia for 24 months and in New Zealand for the period of 24 months, following the date of original purchase of the Appliance and a further 36 months: in Australia if there is evidence provided to Electrolux that the appliance was installed by a licensed room air conditioner installer; in New Zealand if there is evidence that the Appliance was installed according to the Electrolux installation guidelines which can be inspected on the Kelvinator website;
- (ii) where the Appliance is used for commercial purposes (including being used to directly assist a business or where the Appliance is used in a multi-family communal or share type environment), the Appliance will then be warranted against manufacturing defects in Australia for 3 months and in New Zealand for 0 months, following the date of original purchase of the Appliance.
- (h) 'you' means the purchaser of the Appliance not having purchased the Appliance for re-sale, and 'your' has a corresponding meaning.
- 2. This warranty only applies to Appliances purchased and used in Australia or New Zealand and is in addition to (and does not exclude, restrict, or modify in any way) any non-excludable statutory warranties in Australia or New Zealand.
- 3. During the Warranty Period Electrolux or its ASC will, at no extra charge if your Appliance is readily accessible for service, without special equipment and subject to these terms and conditions, repair or replace any parts which it considers to be defective. Electrolux or its ASC may use remanufactured parts to repair your Appliance. You agree that any replaced Appliances or parts become the property of Electrolux. This warranty does not apply to light globes, batteries, filters or similar perishable parts.
- 4. Parts and Appliances not supplied by Electrolux are not covered by this warranty.
- 5. You will bear the cost of transportation, travel and delivery of the Appliance to and from Electrolux or its ASC. If you reside outside of the service area, you will bear the cost of:
 - (a) travel of an authorised representative:
- (b) transportation and delivery of the Appliance to and from Electrolux or its ASC.

FOR SERVICE or to find the address of your nearest state service centre in Australia PLEASE CALL 13 13 49 For the cost of a local call (Australia only)	SERVICE AUSTRALIA ELECTROLUX HOME PRODUCTS www.electrolux.com.au
FOR SERVICE or to find the address of your nearest authorised service centre in New Zealand FREE CALL 0800 10 66 10 (New Zealand only)	SERVICE NEW ZEALAND ELECTROLUX HOME PRODUCTS WWW.electrolux.co.nz

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In all instances, unless the Appliance is transported by Electrolux or an Electrolux authorised representative, the Appliance is transported at the owner's cost and risk while in transit to and from Electrolux or its ASC.

- 6. Proof of purchase is required before you can make a claim under this warranty.
- 7. You may not make a claim under this warranty unless the defect claimed is due to faulty or defective parts or workmanship. Electrolux is not liable in the following situations (which are not exhaustive):
 - (a) the Appliance is damaged by:
 - (i) accident
 - (ii) misuse or abuse, including failure to properly maintain or service
 - (iii) normal wear and tear
 - (iv) power surges, electrical storm damage or incorrect power supply
 - (v) incomplete or improper installation
 - (vi) incorrect, improper or inappropriate operation
 - (vii) insect or vermin infestation
 - (viii) failure to comply with any additional instructions supplied with the Appliance:
 - (b) the Appliance is modified without authority from Electrolux in writing;
 - (c) the Appliance's serial number or warranty seal has been removed or defaced:
 - (d) the Appliance was serviced or repaired by anyone other than Electrolux, an authorised repairer or ASC.
- 8. This warranty, the contract to which it relates and the relationship between you and Electrolux are governed by the law applicable where the Appliance was purchased. Where the Appliance was purchased in New Zealand for business purposes the Consumer Guarantee Act does not apply.
- 9. To the extent permitted by law, Electrolux excludes all warranties and liabilities (other than as contained in this document) including liability for any loss or damage whether direct or indirect arising from your purchase, use or non use of the Appliance.
- 10. For Appliances and services provided by Electrolux in Australia, the Appliances come with a guarantee by Electrolux that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and for compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the Appliance repaired or replaced if the Appliance fails to be of acceptable quality and the failure does not amount to a major failure. The benefits to you given by this warranty are in addition to your other rights and remedies under a law in relation to the Appliances or services to which the warranty relates.
- 11. At all times during the Warranty Period, Electrolux shall, at its discretion, determine whether repair, replacement or refund will apply if an Appliance has a valid warranty claim applicable to it.
- 12. For Appliances and services provided by Electrolux in New Zealand, the Appliances come with a guarantee by Electrolux pursuant to the provisions of the Consumer Guarantees Act, the Sale of Goods Act and the Fair Trading Act.
- 13. To enquire about claiming under this warranty, please follow these steps:
- (a) carefully check the operating instructions, user manual and the terms of this warranty:
- (b) have the model and serial number of the Appliance available;
- (c) have the proof of purchase (eq an invoice) available;
- (d) telephone the numbers shown below.
- 14. You accept that if you make a warranty claim, Electrolux and its ASC may exchange information in relation to you to enable Electrolux to meet its obligations under this warranty.

Important Notice

Before calling for service, please ensure that the steps listed in point 13 above have been followed.

USTRALIA trolux ME PRODUCTS

FOR SPARE PARTS

FOR SPARE PARTS or to find the address of your nearest

state spare parts centre in Australia

PLEASE CALL 13 13 50

For the cost of a local call (Australia only)

or to find the address of your nearest state spare parts centre in New Zealand FREE CALL 0800 10 66 20

(New Zealand only)



If you'd like further information about Kelvinator appliances, please visit your retailer, phone or email our Customer Care team or visit our website.

telephone: 1300 363 640 fax: 1800 350 067 email: customercare@electrolux.com.au web: www.kelvinator.com.au

Kelvinator. We are part of the Electrolux family. Share more of our thinking at www.electrolux.com.au