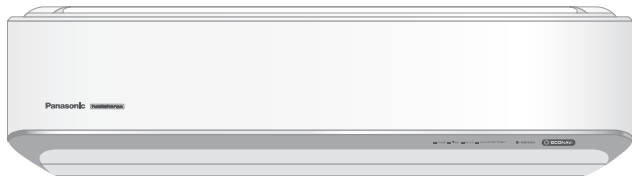


Operating Instructions Air Conditioner



Model No.
Indoor Unit
CS-VZ9SKE
CS-VZ12SKE

Outdoor Unit
CU-VZ9SKE
CU-VZ12SKE

Operating Instructions Air Conditioner

2-15

Thank you for purchasing Panasonic Air Conditioner.
Installation instructions attached.
Before operating the unit, read these operating instructions thoroughly and keep them for future reference.

Comment utiliser l'appareil Climatiseur

16-29

Nous vous remercions d'avoir porté votre choix sur un climatiseur Panasonic.
Instructions d'installation jointes.
Avant d'utiliser l'appareil, lisez ce mode d'emploi dans son intégralité et conservez-le pour toute référence ultérieure.

Instrucciones de funcionamiento Climatizador de aire

30-43

Muchas gracias por elegir una unidad de aire acondicionado Panasonic.
Incluye instrucciones de instalación.
Antes de utilizar la unidad, sírvase leer atentamente estas instrucciones de funcionamiento y conservarlas como futuro elemento de consulta.

Bedienungsanleitung Klimagerät

44-57

Wir danken Ihnen für den Kauf Ihres Panasonic-Klimageräts.
Die Montageanleitung liegt dem Gerät bei.
Bevor Sie das Gerät in Betrieb nehmen, lesen Sie bitte diese Bedienungsanleitung aufmerksam durch und bewahren Sie sie für die künftige Verwendung auf.

Istruzioni di funzionamento Condizionatore d'aria

58-71

Grazie per aver acquistato un climatizzatore Panasonic.
Istruzioni d'installazione allegate.
Prima di utilizzare l'unità si prega di leggere attentamente le istruzioni e di conservare questo opuscolo per potervi fare riferimento in futuro.

Handleiding Airconditioner

72-85

Hartelijk dank voor de aanschaf van de Panasonicairconditioner.
Installatie-instructies bijgevoegd.
Lees voor u het apparaat gebruikt deze gebruiksinstructies grondig en bewaar ze voor toekomstig gebruik.

English

Français

Español

Deutsch

Italiano

Nederlands



Provide maximum comfort, clean air and optimise energy saving

ECONAVI + AUTO COMFORT *The Right Choice for Energy Saving*

Equipped with the human activity sensor, the air conditioner ensures to deliver cool or warm (hot) air to you, and keeps the room consistently comfortable with minimum energy consumption.

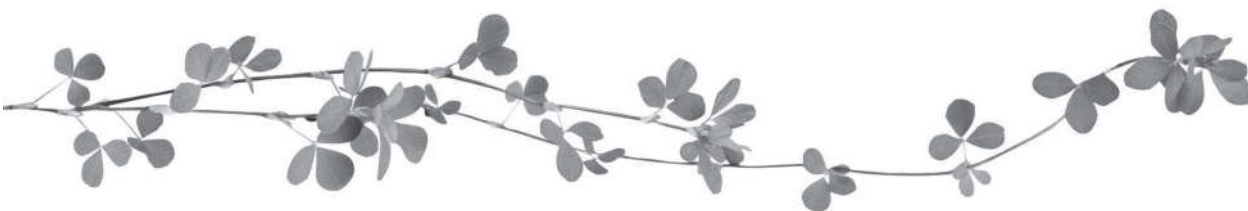
Furthermore, the sunlight sensor detects the sunlight intensity and helps control cooling or heating temperatures to provide optimum comfort.

See "To learn more..." for details.

nanoe *For a freshness and cleaner environment*

nanoe generates negative ions using the air in the room to give a healthy air.

It also provides moisturizing effect on the skin or hair and reduces the smell in the room and constrains propagations of mold and bacteria.



Operation conditions

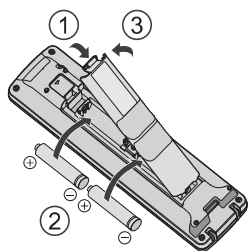
Use this air conditioner under the following temperature range.

DBT : Dry bulb temperature

WBT : Wet bulb temperature

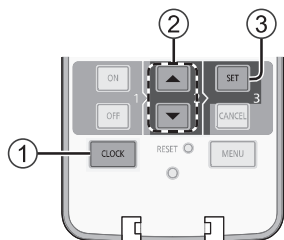
Temperature (°C)		Indoor		Outdoor	
		DBT	WBT	DBT	WBT
COOL	Max.	32	23	43	26
	Min.	16	11	-10	-
HEAT	Max.	30	-	24	18
	Min.	16	-	-30	-
+8/10°C HEAT	Max.	10	-	-	-
	Min.	16	-	-30	-

Quick guide



Inserting the batteries

- ① Open the back cover of remote control
- ② Insert AA batteries (can be used ~ 1 year)
- ③ Close the cover

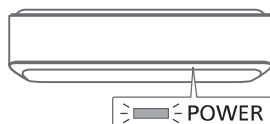


Clock setting

- ① Press **CLOCK**
- ② Set the time
- ③ Confirm

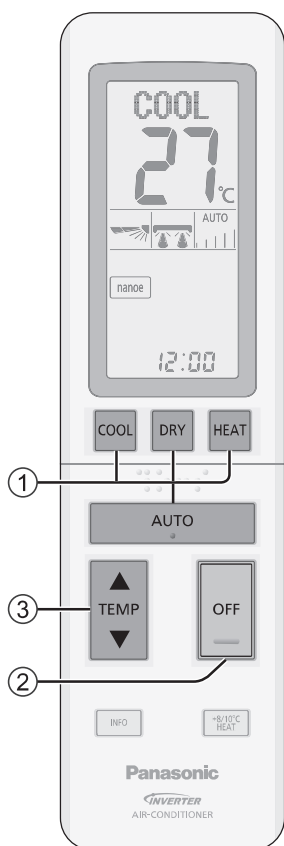
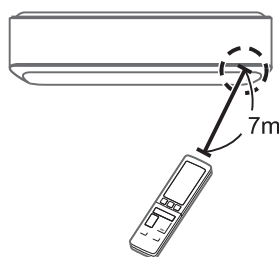
Basic operation

- ① **Select the desired mode**
 - Press AUTO, COOL, DRY or HEAT button to start the operation.



- ② **Stop the operation**
 - Press OFF button to stop the operation.
- ③ **Select the desired temperature**
 - Selection range: 16°C ~ 30°C.
 - Operating the unit within the recommended temperature may save energy.
 - HEAT : 20°C ~ 24°C.
 - COOL : 26°C ~ 28°C.
 - DRY : 1°C ~ 2°C lower than room temperature.

- Use remote control within 7 m from the remote control receiver of the indoor unit.



The illustrations in this manual are for explanation purposes only and may differ from the actual unit. They are subject to change without notice for future improvement.

Table of contents

Safety precautions.....	4-7
How to use.....	8-11
To learn more... ..	12
Cleaning instructions	13
Troubleshooting	14
Information.....	15

Accessories

- Remote control
- AA batteries × 2
- Remote control holder
- Screws for remote control holder × 2



WARNING

This symbol shows that this equipment uses a flammable refrigerant. If the refrigerant is leaked, together with an external ignition source, there is a possibility of ignition.



CAUTION

This symbol shows that the Operation Instructions should be read carefully.



CAUTION

This symbol shows that there is information included in the Operation Instructions and/or Installation Instructions.

Safety precautions

To prevent personal injury, injury to others or property damage, please comply with the following:

Incorrect operation due to failure to follow instructions below may cause harm or damage, the seriousness of which is classified as below:



This appliance is filled with R32 (mild flammable refrigerant). If the refrigerant is leaked and exposed to an external ignition source, there is a risk of fire.



WARNING

This sign warns of death or serious injury.



CAUTION

This sign warns of injury or damage to property.

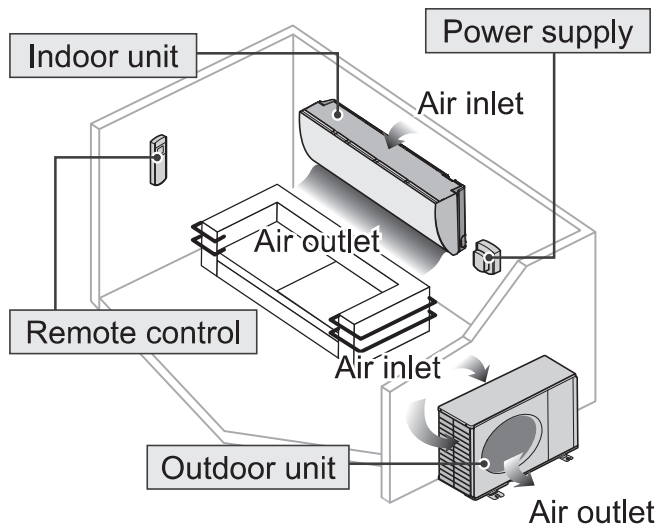
The instructions to be followed are classified by the following symbols:



This symbol denotes an action that is **PROHIBITED**.



These symbols denote actions **COMPULSORY**.



WARNING

Indoor unit and outdoor unit



This appliance can be used by children aged from 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved. Children shall not play with the appliance. Cleaning and user maintenance shall not be made by children without supervision.

The appliance shall be installed and operated in a room with floor area larger than 1.50m² and keep away from ignition sources (such as heat/sparks/open-flame) or, hazardous areas (such as gas appliances, gas cooking, reticulated gas supply systems, or electric cooling appliance, etc).

Be aware that refrigerant may not contain an odour, highly recommended to ensure suitable flammable refrigerant gas detectors are present, operating and able to warn of a leak.

Please consult authorised dealer or specialist to clean the internal parts, repair, install, remove and reinstall the unit. Improper installation and handling will cause leakage, electric shock or fire.

Confirm with authorised dealer or specialist on usage of any specified refrigerant type. Using refrigerant type other than the specified may cause product damage, burst and injury etc.



Do not use means to accelerate the defrosting process or to clean, other than those recommended by manufacturer. Any unfit method or using incompatible material may cause product damage, burst and serious injury.

Do not pierce or burn as the appliance is pressurized. Do not expose the appliance to heat, flame, sparks, or other sources of ignition. Else it may explode and cause injury or death.

Do not install the unit in a potentially explosive or flammable atmosphere. Failure to do so could result in fire.

Do not insert your fingers or other objects into the air conditioner indoor or outdoor unit, rotating parts may cause injury.



Do not touch the outdoor unit during lightning, it may cause electric shock.

Do not expose yourself directly to cold air for a long period to avoid excess cooling.

Do not sit or step on the unit, you may fall down accidentally.



Remote control



Do not allow infants and small children to play with the remote control to prevent them from accidentally swallowing the batteries.

Power supply



Do not use a modified cord, joint cord, extension cord or unspecified cord to prevent overheating and fire.



To prevent overheating, fire or electric shock:

- Do not share the same power outlet with other equipment.
- Do not operate with wet hands.
- Do not over bend the power supply cord.
- Do not operate or stop the unit by inserting or pulling out the power plug.



If the supply cord is damaged, it must be replaced by the manufacturer, service agent or similarly qualified persons in order to avoid a hazard.

It is strongly recommended to be installed with Earth Leakage Circuit Breaker (ELCB) or Residual Current Device (RCD) to prevent electric shock or fire.

To prevent overheating, fire or electric shock:

- Insert the power plug properly.
- Dust on the power plug should be periodically wiped with a dry cloth.

Stop using the product if any abnormality/failure occurs and disconnect the power plug or turn off the power switch and breaker.

(Risk of smoke/fire/electric shock)

Examples of abnormality/failure

- The ELCB trips frequently.
- Burning smell is observed.
- Abnormal noise or vibration of the unit is observed.
- Water leaks from the indoor unit.
- Power cord or plug becomes abnormally hot.
- Fan speed cannot be controlled.
- The unit stops running immediately even if it is switched on for operation.
- The fan does not stop even if the operation is stopped.

Contact your local dealer immediately for maintenance/repair.



This equipment must be earthed to prevent electrical shock or fire.

Safety precautions



Prevent electric shock by switching off the power supply and unplug:

- Before cleaning or servicing,
- When extended non-use, or
- During abnormally strong lightning activity.



Precaution for using R32 refrigerant

Pay careful attention to the following points when operating the appliances and dealing with different refrigerants.



Since the working pressure is higher than that of refrigerant R22 models, some of the piping and installation and service tools are special.

Especially, when replacing a refrigerant R22 model with a new refrigerant R32 model, always replace the conventional piping and flare nuts with the R32 and R410A piping and flare nuts on the outdoor unit side. For R32 and R410A, the same flare nut on the outdoor unit side and pipe can be used.

Models that use refrigerant R32 and R410A have a different charging port thread diameter to prevent erroneous charging with refrigerant R22 and for safety.

Therefore, check beforehand. [The charging port thread diameter for R32 and R410A is 12.7 mm (1/2 inch).]

Be more careful than R22 so that foreign matter (oil, water, etc.) does not enter the piping.

Also, when storing the piping, securely seal the opening by pinching, taping, etc. (Handling of R32 is similar to R410A.)

This appliance shall be stored in a well ventilated area.

This appliance shall be stored in a room without continuously operating open flames and ignition sources.

This appliance shall be stored so as to prevent mechanical damage from occurring.



CAUTION

Indoor unit and outdoor unit



Do not wash the indoor unit with water, benzene, thinner or scouring powder to avoid damage or corrosion at the unit.

Do not use for preservation of precise equipment, food, animals, plants, artwork or other objects. This may cause quality deterioration, etc.

Do not use any combustible equipment in front of the airflow outlet to avoid fire propagation.

Do not expose plants or pet directly to airflow to avoid injury, etc.

Do not touch the sharp aluminium fin, sharp parts may cause injury.



Do not switch ON the indoor unit when waxing the floor. After waxing, aerate the room properly before operating the unit.

Do not install the unit in oily and smoky areas to prevent damage to the unit.

Do not dismantle the unit for cleaning purpose to avoid injury.

Do not step onto an unstable bench when cleaning the unit to avoid injury.

Do not place a vase or water container on the unit. Water may enter the unit and degrade the insulation. This may cause an electric shock.

Do not open window or door for long time during operation, it may lead to inefficient power usage and uncomfortable temperature changes.



Prevent water leakage by ensuring drainage pipe is:

- Connected properly,
- Kept clear of gutters and containers, or
- Not immersed in water

After a long period of use or use with any combustible equipment, aerate the room regularly.



After a long period of use, make sure the installation rack does not deteriorate to prevent the unit from falling down.

Remote control



Do not use rechargeable (Ni-Cd) batteries. It may damage the remote control.



To prevent malfunction or damage of the remote control:

- Remove the batteries if the unit is not going to be used for a long period of time.
- New batteries of the same type must be inserted following the polarity stated.

Power supply



Do not disconnect the plug by pulling the cord to prevent electric shock.

How to use

■ POWER ■ TIMER ■ +8/10°C ■ nanoe / ODOR CLEANUP
 (Green) (Orange) (Green) (Blue)

nanoe

ECONAVI

(Green)

To select operation mode

AUTO

For your convenience

- During operation mode selection the POWER indicator blinks.
- Unit selects operation mode every 30 minutes according to temperature setting, operation mode, outdoor and room temperature.

COOL

To enjoy cool air

- Use curtains to screen off sunlight and outdoor heat to reduce power consumption during COOL mode.

DRY

To dehumidify the environment

- Unit operates at low fan speed to give a gentle cooling operation.

HEAT

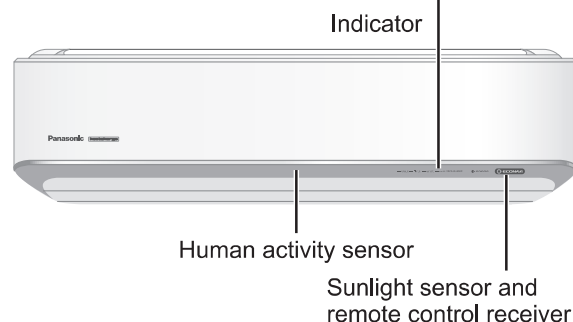
To enjoy warm air

- Unit takes a while to warm up, the POWER indicator blinks during this period.
- Unit removes ice/frost formed on outdoor heat-exchanger by following 2 types of operation.

- 1) Deice with heating operation (HEAT CHARGE Operation).
Unit has a heat absorbing device which accumulates heat generated by outdoor unit and electric heater while performing the heating operation to remove ice/frost formed on outdoor unit for maximum 6 minutes.
During this operation, the discharge temperature and fan speed may be lowered when outdoor temperature is low, or the room is not warmed up sufficiently, or set temperature is high.
- 2) Deice without heating operation (Reversing/4-way Valve activating).
Unit stops heating operation to remove large amount of ice/frost formed on outdoor unit for maximum 12 minutes.
During this operation, the power indicator lights on and the vertical airflow direction louver is left open.
The heating operation resumes once this operation is completed.

OFF

Stop the operation

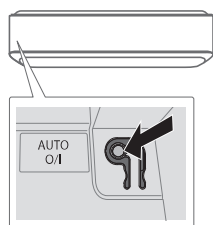


Remote control display (the Backlight will be lit whenever pressing any button)



CLOSE

Auto OFF/ON button



Use when remote control is misplaced or a malfunction occurs. Raise the front panel:

- To use in AUTO mode, press the button once.
- Press the button again to turn off.

INFO

To check HEAT CHARGE level and error code

To check HEAT CHARGE level.

- Press during HEAT mode to retrieve HEAT CHARGE level of heat stored in heat absorbing device.
- HEAT CHARGE level: 0 ~ 4 (max.).
- "___" will be displayed unless during heating operation.

To check error code.

- Press to retrieve error code when the unit stops and the timer indicator blinks.
- If the signal transmission is failed, "PRESS AGAIN" is displayed.

+8/10°C
HEAT**To use maintenance heating**

➤ — — — +8/10°C

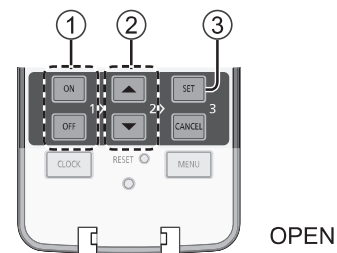
- Maintain indoor temperature at 8/10°C. Fan switches to high fan speed automatically.
- This operation overwrite the operation mode and could be cancelled by pressing AUTO, HEAT, COOL or DRY mode.
- Defrost operation at outdoor unit will result in sudden cold air from indoor unit. Eliminate cold air with heat mode.

**Auto Restart Control**

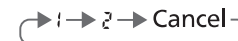
- If power is resumed after a power failure, the operation will restart automatically after a period of time with previous operation mode and airflow direction.
- This control is not applicable when TIMER is set.

To set the timer (daily timer)

Dual setting of ON and OFF timers are available to turn ON or OFF the unit at different preset time.

**① Select ON or OFF timer**

- Each time pressed:



Example:
OFF at 8:00

**② Set the time****③ Confirm**

- Example of application at living room:

Morning: ON TIMER 1 at 07:00 (Wake up)

OFF TIMER 1 at 08:00 (Out for work)

Evening: ON TIMER 2 at 17:00 (Back home)

OFF TIMER 2 at 22:00 (Sleep)

- To cancel ON or OFF timer, press **ON** or **OFF** to select respective 1 or 2 then press **CANCEL**.

- If timer is cancelled manually or due to power failure, you can restore the timer again by pressing **ON** or **OFF** to select respective 1 or 2 then press **SET**.

- The nearest timer setting will be displayed and will activate in sequence.
- When ON Timer is set, the unit may start earlier (up to 50 minutes) before the actual set time in order to achieve the desired temperature on time.
- Timer operation is based on the clock set in the remote control and repeats daily once set. For clock setting, please refer to Quick guide.

Note

- Can be activated in all modes and can be cancelled by pressing the respective button again.



- Cannot be selected at the same time.



- Can be combined with AUTO or HEAT mode only.

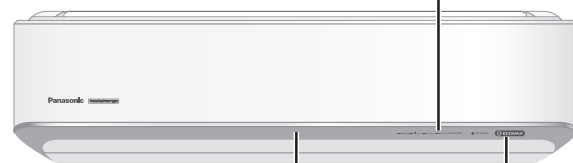
How to use

— POWER — TIMER — +8/10°C — nanoe / ODOR CLEANUP
 (Green) (Orange) (Green) (Blue)

nanoe

ECONAVI

Indicator



Human activity sensor

Sunlight sensor and remote control receiver

Remote control display (the Backlight will be lit whenever pressing any button)



OPEN

Pressing to reset the setting of unit operation, as same as unplugging.

AUTO COMFORT

To create comfort by monitoring the human presence & activity

- It will be cancelled once the AIR SWING or FAN SPEED is selected.

ECONAVI

To optimise energy saving

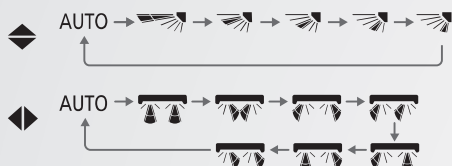


AIR SWING

AIR SWING

To adjust airflow direction

(Remote control display)



- Keeps the room air circulated.
- In COOL/DRY mode, if AUTO is set, the louvers swings left/right and up/down automatically.
- In HEAT mode, if AUTO is set, the horizontal louver is fixed at the predetermined position. The vertical louver swings left/right after the temperature rises.
- Do not adjust the louver by hand.

FAN SPEED

To select fan speed

(Remote control display)



- For AUTO, the indoor fan speed is automatically adjusted according to the operation mode.
- In HEAT mode, if manual fan speed caused discomfort, set the fan speed to AUTO or lower the fan speed.

nanoe

To enjoy freshness and cleaner environment

nanoe / ODOR CLEANUP

- This operation moisturizes your skin and hair, reduces odor and inactivation of allergic particulars such as pollen in the room.

POWERFUL

To reach temperature quickly

- The temperature setting and the Fan speed automatically adjusted for higher performance, and will adjust for adequate operation once the temperature is reached.
- Press the button again or turn OFF the unit to stop this operation.

QUIET**To enjoy quiet operation**

- This operation reduces airflow noise.

**ODOR
CLEANUP****To release odor from indoor unit**

- This operation release odor from the internal indoor unit.
- Press ODOR CLEANUP for 3 seconds or more. The operation activates for 20 minutes, and resume to the presetting operation automatically.
- OFF timer: ODOR CLEANUP continuous display and the operation stopped after odor removal end.
- SLEEP timer: ODOR CLEANUP immediately stop and OFF "ODOR CLEANUP" display.
- Get fresh air from outside by opening the windows or door.

**PRE
HEATING****To enjoy warm (hot) air from start heating**

- This operation to blow warm (hot) air as soon pressed the HEAT button.
- When start PRE HEATING operation, the air conditioner could not blow immediately because it is not warm enough to blow.
- When it is in PRE HEATING operation, the power lamp will not light up.
- Before start operation, please make sure that the current time is correct.
- <Operation schematic: example>



6:00 ~ 7:00 The learned time zone by the most frequent "ON" heating

5:30 ~ 8:00 PRE HEATING standing by time zone

- Display **PRE HEATING** on the remote control.
- Condition of PRE HEATING operation.
The room temperature should be less than 18°C and the outdoor temperature should be less than 10°C and previous operation is heating.
- Recommending OFF this function when heating is not operated for a long time.

SLEEP**To create sleeping comfort**

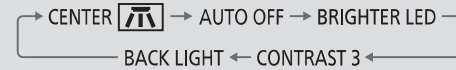
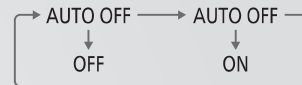
SLEEP 0.5 → 1 → 2 → 3 → 5 → 7 → 9hr → Cancel

- This operation provides you with a comfortable environment while sleeping by gradually decrease and/or increase the set temperature within 1°C for avoiding the room from unnecessary cooling and/or heating.
- Can be set together with single timer or twin timer.
- When used together with the daily timer, sleep operation has a priority.

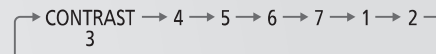
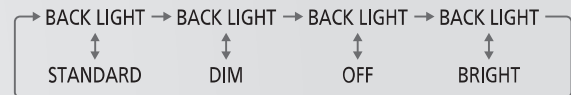
MENU**To change setting according to living environment**

- 5 options are available in MENU.

Pressing MENU button at each time, display shows options below.

**① Select preference options.****1. Indoor unit installation location****2. Auto OFF operation**

* Stops operation combined with AUTO COMFORT function after human sensor not detecting for 3 hours or more.

3. Indoor unit indicator brightness**4. Remote control LCD contrast****5. Brightness of the back light of the remote control****② Pressing either buttons to select preference setting.****③ Press SET to confirm the setting.**

Each options confirmed by the repeating of process from

① through ③ above.

To learn more...

Operation mode

HEAT : Unit takes a while to warm up. The POWER indicator blinks during this operation.

- Unit may stop warm air supply for a while. The deice indicator ON during this operation.

COOL : Provides efficient comfort cooling to suit your needs.

DRY : Unit operates at low fan speed to give a gentle cooling operation.

AUTO : During operation mode selection the POWER indicator blinks.

- Unit selects operation mode every 30 minutes according to setting temperature and room temperature.

ECONAVI and AUTO COMFORT



or



The unit will start to initialise
(for approximately 1 minute)



The human activity sensor and the
sunlight sensor will start to detect.

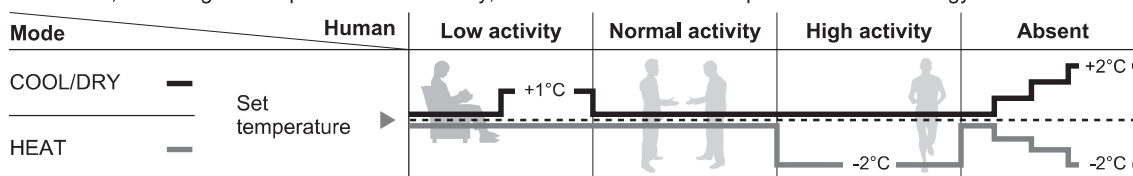
Note



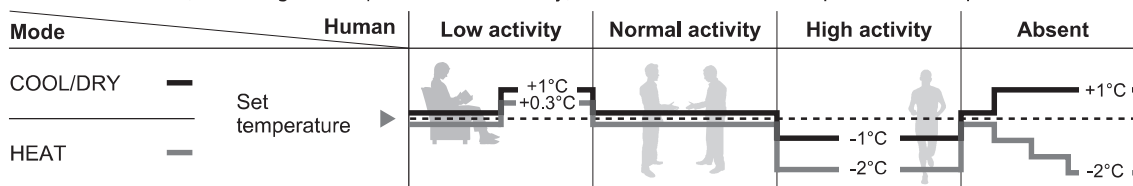
When manual AIR SWING is selected,
the ECONAVI and AUTO COMFORT
operations will be cancelled.

Human activity sensor operation

ECONAVI ; Detecting human presence and activity, the unit controls room temperature to save energy.



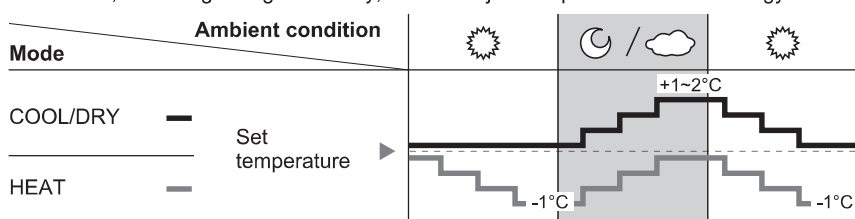
AUTO COMFORT ; Detecting human presence and activity, the unit controls room temperature to keep human comfortable consistently.



ECONAVI

Sunlight Sensor operation

ECONAVI ; Detecting sunlight intensity, the unit adjust temperature to save energy.

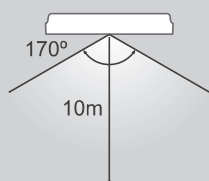


ECONAVI is activated, the unit maintains set temperature until a high sunlight intensity is detected. The sunlight sensor detects sunlight intensity during weather or day/night changes, and the unit adjusts temperature.

- In a room without window or with thick curtain, the sunlight sensor will judge as cloudy/night.

The human activity sensor will also scan for area of heat source and movement in a room.

Detect Area (TOP VIEW)



- Based on area activeness horizontal airflow direction will adjust either fix at predetermined position or swing left/right periodically.
- The human activity sensor performance is influenced by indoor unit location, movement speed, temperature range, etc.
- The human activity sensor may:
 - mistakenly detect an object with heat source & movement similar to human, such as pets, etc.
 - mistakenly detect as non-heat source & movement if a human stays motionless for certain period of time.
- Do not place large objects near the sensor and keep away heating units or humidifier from the sensor's detection area. They may cause sensor malfunction.

Cleaning instructions

To ensure optimal performance of the unit, cleaning has to be carried out at regular intervals. Dirty unit may cause malfunction. Please consult authorised dealer.

- Switch off the power supply and unplug before cleaning.
- Do not touch the aluminium fin, sharp parts may cause injury.
- Do not use benzine, thinner or scouring powder.
- Use only soap (\approx pH 7) or neutral household detergent.
- Do not use water hotter than 40°C.

Indoor unit

Wipe the unit gently with a soft, dry cloth.

Human activity sensor

Do not hit or violently press or poke it with a sharp object. This can lead to damage and malfunction.

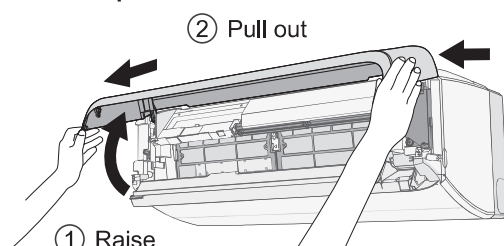
Outdoor unit

Clear debris that surround the unit.
Clear any blockage from drain pipe.

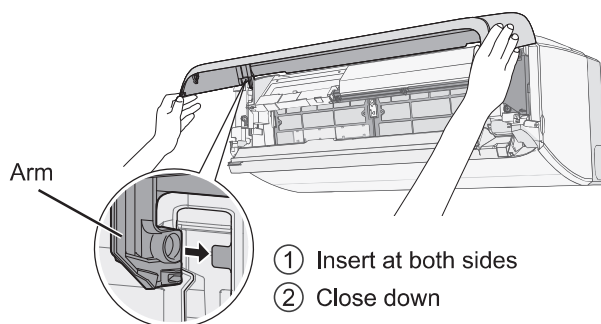
Front panel

- Raise and pull to remove the front panel.
- Use dry or soft cloth.

Remove the front panel

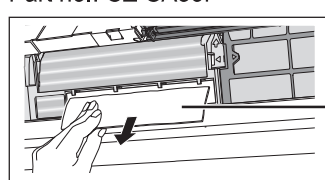


Close it securely



Air Purification Filter

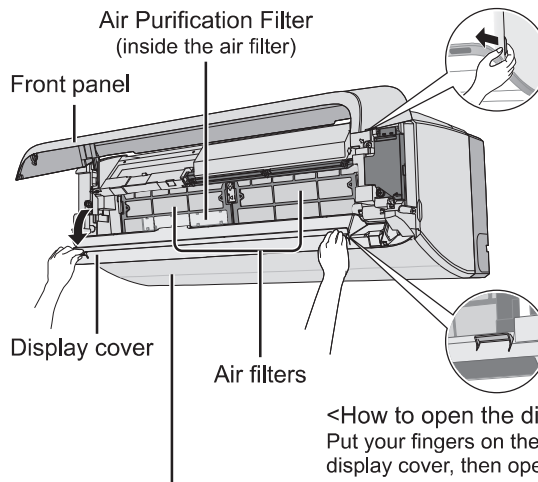
- Do not wash/rinse the filter with water.
- Replace the filter every 2 years.



Air Purification Filter

Indoor unit

<How to open the front panel>
Pull the open/close part, then open with hands.



<How to open the display cover>
Put your fingers on the tabs on the display cover, then open it downward.

<How to open horizontal louvers>

Pressing ECONAVI button for 5 seconds, and display shows "OPEN LOUVER", the louvers will be open.
To close them, press OFF button.

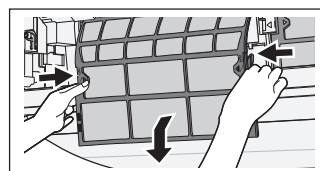
Air filters

Every 2 weeks

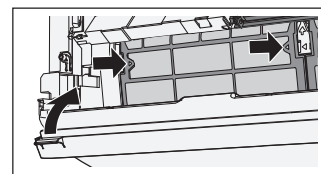
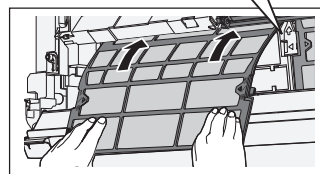
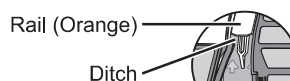
- Wash/rinse the filters gently with water to avoid damage to the filter surface.
- Dry the filters thoroughly under shade, away from fire or direct sunlight.



Remove air filter



Attach air filter



For seasonal inspection after extended non-use

- Checking of remote control batteries.
 - No obstruction at air inlet and air outlet vents.
 - Use Auto OFF/ON button to select COOL/HEAT operation.
- After 15 minutes of operation, it is normal to have the following temperature difference between air inlet and air outlet vents:

COOL: $\geq 8^{\circ}\text{C}$ HEAT: $\geq 14^{\circ}\text{C}$

For extended non-use

- Activate HEAT mode for 2~3 hours to remove moisture left in the internal parts thoroughly to prevent mould growth.
- Turn off the power supply and unplug.
- Remove the remote control batteries.

Troubleshooting

The following symptoms do not indicate malfunction.

Symptom	Cause
Mist emerges from indoor unit.	• Condensation effect due to cooling process.
Water flowing sound during operation.	• Refrigerant flow inside the unit.
The room has a peculiar odor.	• This may be due to damp smell emitted by the wall, carpet, furniture or clothing.
Indoor fan stops occasionally during automatic fan speed setting.	• This helps to remove the surrounding odours.
Airflow continues even after operation has stopped.	• Extraction of remaining heat from the indoor unit (maximum 30 seconds).
Operation is delayed a few minutes after restarting.	• The delay is a protection to the unit's compressor.
Outdoor unit emits water/steam.	• Condensation or evaporation occurs on pipes.
TIMER indicator is always on.	• The timer setting repeats daily once set.
During deice operation, louver is closed.	• The AIR SWING is set to AUTO.
Indoor fan stops occasionally during heating operation.	• To avoid unintended cooling effect.
POWER indicator blinks before the unit is switched on.	• This is a preliminary step in preparation for the operation when the ON timer has been set.
Cracking sound during operation.	• Changes of temperature caused the expansion/contraction of the unit.
Splashing sound during operation.	• Generating the nanoe on the unit.
Dusts accumulated on the wall.	• Due to air circulation or static electricity generated by the air conditioner. Some types of wall paper may collect dusts easily (recommended to clean the area around the air conditioner frequently).
The unit still operates even after it is turned off.	• After the heating operation is stopped, the outdoor unit may continue its operation to melt the frost on it. (Max. 15 minutes).
Continuous short beep sound.	• Abnormal symptom occurred during test run. (The timer indicator blinks.) The beep sound stops in about 3 minutes. Contact your dealer.
Discoloration of some plastic parts.	• Discoloration is subject to material types used in plastic parts, accelerated when exposed to heat, sun light, UV light, or environmental factor.

Check the following before calling for servicing.

Symptom	Check
Operation in HEAT/COOL mode is not working efficiently.	<ul style="list-style-type: none"> • Set the temperature correctly. • Close all doors and windows. • Clean or replace the filters. • Clear any obstruction at the air inlet and air outlet vents.
Noisy during operation.	<ul style="list-style-type: none"> • Check if the unit has been installed at an incline. • Close the front panel properly.
Remote control does not work. (Display is dim or transmission signal is weak.)	<ul style="list-style-type: none"> • Insert the batteries correctly. • Replace weak batteries.
Cannot set TIMER.	• Set the current date on the remote control.
The unit does not work.	<ul style="list-style-type: none"> • Check if the circuit breaker is tripped. • Check if timers have been set.
The unit does not receive the signal from the remote control.	<ul style="list-style-type: none"> • Make sure the receiver is not obstructed. • Certain fluorescent lights may interfere with signal transmitter. Please consult authorised dealer.

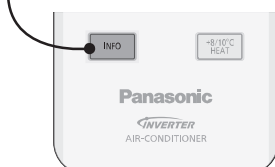
NON SERVICEABLE CRITERIAS

TURN OFF and UNPLUG POWER SUPPLY, then please consult authorised dealer under the following conditions:

- Abnormal noise during operation.
- Water/foreign particles have entered the remote control.
- Water leaks from Indoor unit.
- Circuit breaker switches off frequently.
- Power cord becomes unnaturally warm.
- Switches or buttons are not functioning properly.

The unit stops and the TIMER indicator blinks.

Press INFO button to retrieve error code



Example of error code retrieve successfully.


ERROR F99

will be Indicated on the Display

If failed to received signal from indoor unit "PRESS AGAIN" will be shown for 4 seconds, repeat previous step.

PRESS AGAIN

Turn the unit off and reveal the error code to authorised dealer.





These symbols on the products, packaging, and/or accompanying documents mean that used electrical and electronic products and batteries should not be mixed with general household waste.

For proper treatment, recovery and recycling of old products and used batteries, please take them to applicable collection points, in accordance with your national legislation and the Directives 2002/96/EC and 2006/66/EC.

By disposing of these products and batteries correctly, you will help to save valuable resources and prevent any potential negative effects on human health and the environment which could otherwise arise from inappropriate waste handling.

For more information about collection and recycling of old products and batteries, please contact your local municipality, your waste disposal service or the point of sale where you purchased the items. Penalties may be applicable for incorrect disposal of this waste, in accordance with national legislation.


Pb

For business users in the European Union

If you wish to discard electrical and electronic equipment, please contact your dealer or supplier for further information.


[Information on Disposal in other Countries outside the European Union]

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.

Note for the battery symbol (bottom two symbol examples):

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.

This air conditioner incorporates a biocidal product.



Ionized air generated by a device incorporated in the air conditioner deactivates bacteria and viruses in the air, and on surfaces, and inhibits mould growth on surfaces.

Active substances: Free radicals generated in situ from ambient air or water

English

Troubleshooting / Information

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