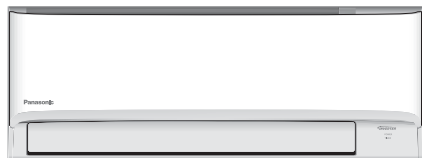




## Operating Instructions

### Air Conditioner



#### Model No.

#### Indoor Unit

CS-YU9ZKA

CS-YU12ZKA

#### Outdoor Unit

CU-YU9ZKA

CU-YU12ZKA

#### 操作說明書

2-11

#### 空調器

在操作空調器前,請細讀此操作說明,並保存此書以備日後參考。

安裝前,安裝人員應:

閱讀安裝說明,並要求顧客保留此安裝說明以備將來參考。

取出包裝在室內機箱子的遙控器。

如果將本空調器轉讓給新的用戶或送往回收廠,請務必將本說明書一并交出。

#### Operating Instructions

12-21

#### Air Conditioner

Before operating the unit, please read these operating instructions thoroughly and keep them for future reference.

Before installation, the installer should:

Read the Installation Instructions, then request the customer keep them for future reference.

Remove the remote control packed with the indoor unit.

If the equipment is transferred to a new user or delivered to a recycling plant, be sure also to hand over the manual.



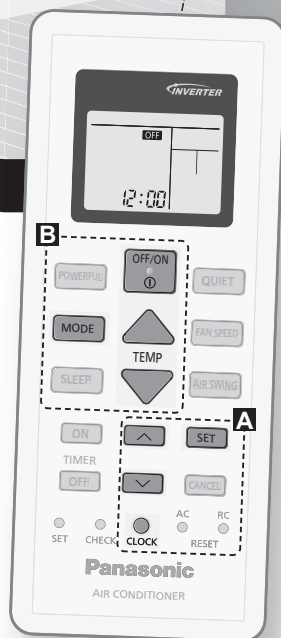
ACXF55-33870

中文

English

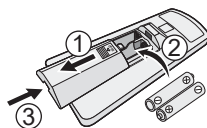
# Provides fast cooling and maximum comfort.

Use the remote control within 8 m from the remote control receiver on the indoor unit.



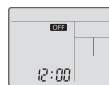
## Quick Guide

### Inserting the batteries



- ① Pull out the back cover of remote control.
- ② Insert AAA or R03 batteries.
- ③ Close the cover.

### Ⓐ Clock setting



- ① Press **CLOCK?** then press **UP** or **DOWN** to set the time.
  - Press **CLOCK?** for approximately 5 seconds to show the time as 12-hour (am/pm) or 24-hour.
- ② Press **SET** to confirm.

Thank you for purchasing  
Panasonic Air Conditioner.

## Table of Contents

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### Accessories

- Remote control
- AAA or R03 batteries × 2
- Remote control holder
- Screws for remote control holder × 2

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

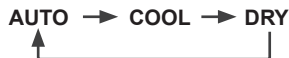
## B Basic operation

- ① Press  to start/stop the operation.

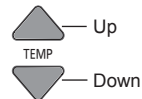


- When the unit is ON, **OFF** disappears from the remote control display.


- ② Press  to select the desired mode.



- ③ Press **TEMP UP**, **TEMP DOWN** to select the desired temperature.



Selection range:  
16.0 °C ~ 30.0 °C /  
60 °F ~ 86 °F.

- Press  for approximately 10 seconds to show the temperature as °C or °F.

# How to Use



Indicators

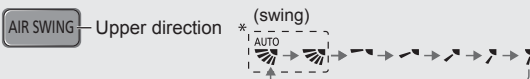
- POWER
- TIMER



Not used in normal operation.

Press to restore the remote control to default setting.

## To adjust airflow direction



### Upper direction:

- Do not adjust the flap by hand.

\* For details operation, refer "To Learn More...."

### Lateral direction:

- For lateral direction, it is manually adjustable as shown.



## To adjust fan speed



- For AUTO, the indoor fan speed is automatically adjusted according to the operation mode.

## To enjoy quiet operation



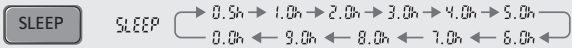
- This operation reduces airflow noise.

## To reach the desired temperature quickly



- This operation is automatically stop after 20 minutes.
- Press the button again to cancel.

### To maximise comfort while sleeping



- This operation provides you with a comfortable environment while sleeping. It will automatically adjust the sleep pattern temperature during the activation period.
- The indoor unit indicator will dim when this operation is activated. This is not applicable if the indicator brightness has been manually dimmed.
- This operation is incorporated with the activation timer (0.5, 1, 2, 3, 4, 5, 6, 7, 8 or 9 hours).
- This operation can be set together with timer. Sleep operation has the priority over OFF timer.
- This operation can be cancelled by pressing the respective button until the sleep timer reaches 0.0h.

### To set the timer

You can set the timer to turn on and off the unit at 2 different preset time.

① **Select TIMER ON or OFF.**  
• Each time pressed:  
① → ② → (exit setting)





② **Set the time.**

③ **Confirm the setting.**

Example:  
OFF at 22:00

- To cancel the timer, press **ON** or **OFF** to select the respective setting ① or ②, then press **CANCEL**.
- If the timer has been cancelled manually or due to power failure, you can restore the timer again. Press **ON** or **OFF** to select the respective setting ① or ②, then press **SET**.
- The nearest timer setting is displayed and will activate in sequence.
- The timer operation follows the clock setting on the remote control and will repeat daily when timer has been set. For clock setting, refer to Quick Guide.

### Note

 ,  <ul style="list-style-type: none"><li>• Can be selected at the same time.</li><li>• Can be activated in all modes.</li></ul>	 ,  <ul style="list-style-type: none"><li>• Cannot be selected at the same time.</li></ul>
---	--

# To Learn More...

## Operation mode

- AUTO** : The POWER indicator blinks at the initial stage.  
The unit will select an operation mode depending on the room temperature.
- COOL** : Provides efficient comfort cooling to suit your needs.
- DRY** : Operates at low fan speed for a gentle cooling operation.

## Energy saving temperature setting

You may save energy when operating the unit within the recommended temperature range.

**COOL** : 26.0 °C ~ 28.0 °C / 79 °F ~ 82 °F.

## Air flow direction



**In COOL/DRY mode:**  
The horizontal flap is fixed at middle position setting.  
Once the temperature is achieved, the horizontal flap swings up/down automatically.



**In COOL/DRY mode:**  
The horizontal flap swings up/down automatically.

## Auto restart control

When power is resumed after a power failure, the operation will restart automatically with the last operation mode and airflow direction.

- This control is not applicable when TIMER is set.

## Operating conditions

Use this air conditioner in the temperature range indicated in the table.

Temperature °C (°F)		Indoor		Outdoor	
		DBT	WBT	DBT	WBT
COOL	Max.	32 (89.6)	23 (73.4)	46 (114.8)	26 (78.8)
	Min.	16 (60.8)	11 (51.8)	16 (60.8)	11 (51.8)

DBT: Dry bulb temperature, WBT: Wet bulb temperature

# Cleaning the Air Conditioner

**Cleaning has to be carried out at regular intervals to ensure the unit is at optimal performance. A dirty unit may cause malfunction and you may retrieve "H 99" error code. Consult an authorised dealer.**

- Before cleaning, switch off the power supply and unplug the unit.
- Do not touch the aluminium fin as the sharp parts may cause injury.
- Do not use benzene, thinner or scouring powder.
- Use soap ( $\approx$  pH 7) or neutral household detergent only.
- Do not use water hotter than 40 °C / 104 °F.

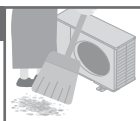
## Indoor unit

Wipe the unit gently with a soft and dry cloth.  
The coils and fans should be cleaned periodically by an authorised dealer.



## Outdoor unit

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



## Front panel

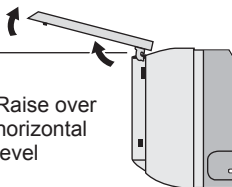
Wash gently and dry.

### How to remove front panel

- ② Pull upward

Horizontal

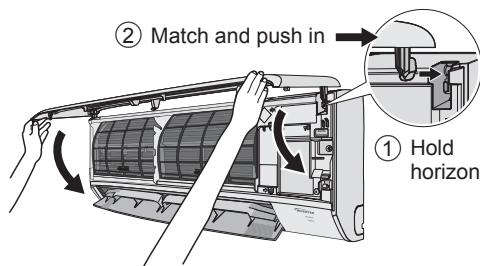
- ① Raise over horizontal level



### Close it securely

- ② Match and push in

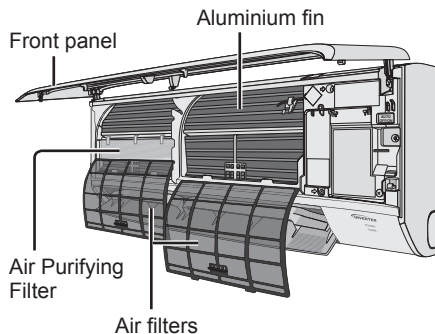
- ① Hold horizontally



- ③ Close down

- ④ Press both ends and center of the front panel

## Indoor unit



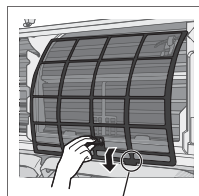
## Air filters

Once every 2 weeks

- Wash/rinse the filters gently with water to avoid damaging the surface.
- Dry the filters thoroughly under a shade, away from fire or direct sunlight.
- Replace any damaged filters.

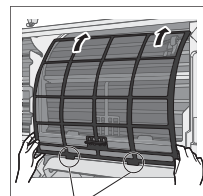


### Remove air filter



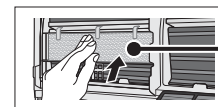
Remove from the unit

### Attach air filter



Insert into the unit

## Air Purifying Filter



Air Purifying Filter

- Do not wash/rinse the filter with water.
- Replace the filter every 2 years or replace any damaged filter. Part no.: CZ-SA31P

# Troubleshooting

The following symptoms do not indicate malfunction.

Symptom	Cause
POWER indicator blinks before the unit is switched on.	<ul style="list-style-type: none"><li>• This is the preliminary step to prepare for the TIMER operation after it has been set.</li><li>• When Timer is set ON, the unit may start earlier (up to 15 minutes) before the actual set time to achieve the desired temperature on time.</li></ul>
TIMER indicator is always ON.	<ul style="list-style-type: none"><li>• When Timer has been set, the Timer setting repeats daily.</li></ul>
Operation is delayed a few minutes after restarting.	<ul style="list-style-type: none"><li>• The delay is a protection to the unit's compressor.</li></ul>
Indoor fan stops occasionally during automatic fan speed setting.	<ul style="list-style-type: none"><li>• This is to help remove the surrounding odour.</li></ul>
The room has a peculiar odour.	<ul style="list-style-type: none"><li>• This may be due to damp smell emitted by the wall, carpet, furniture or clothing.</li></ul>
Cracking sound during operation.	<ul style="list-style-type: none"><li>• Changes in temperature caused the unit to expand and contract.</li></ul>
Water flowing sound during operation.	<ul style="list-style-type: none"><li>• Refrigerant flow inside the unit.</li></ul>
Mist emerges from indoor unit.	<ul style="list-style-type: none"><li>• During cooling operation, the discharged cold air may condense to water vapour.</li></ul>
Outdoor unit emits water or steam.	<ul style="list-style-type: none"><li>• During cooling operation, condensation occurs on cold pipes and the condensed water may drip from the outdoor unit.</li></ul>
Discoloration of some plastic parts.	<ul style="list-style-type: none"><li>• Discoloration is subjected to the types of materials used in plastic parts. It is accelerated when exposed to heat, sun light, UV light or environmental factors.</li></ul>

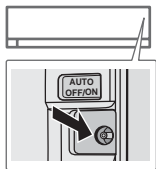
Check the following before calling for servicing.

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




## When...

### ■The remote control is missing or a malfunction has occurred



- 1.Raise the front panel.
- 2.Press AUTO OFF/ON once to use in AUTO mode.
- 3.Press AUTO OFF/ON until you hear 1 beep, then release to use in forced COOL mode.
- 4.Press AUTO OFF/ON again to turn off the unit.

### ■The indicators are too bright

- To dim or restore the indicators' brightness on the unit, press  on the remote for 5 seconds.

### ■Conducting a seasonal inspection after extended period of non-use

- Check the batteries.
- Check that there is no obstruction around the air inlets and outlet vents.
- Use AUTO OFF/ON on the unit to select COOL mode. For details, refer "The remote control is missing or a malfunction has occurred" above. After 15 minutes of operation, it is normal to have the following temperature difference between the air inlet and outlet vents:

COOL:  $\geq 8^{\circ}\text{C}$  /  $14.4^{\circ}\text{F}$

### ■The units will not be used for an extended period

- Turn off the power supply and unplug the unit.
- Remove the batteries from the remote control.

#### NON SERVICEABLE CRITERIAS

TURN OFF THE POWER SUPPLY AND UNPLUG THE UNIT. Then consult an authorised dealer in the following conditions:

- Abnormal noise during operation.
- Water/foreign particles have entered the remote control.
- Water is leaking from the indoor unit.
- The circuit breaker switches off frequently.
- The power cord becomes unnaturally warm.
- The switches or buttons are not functioning properly.

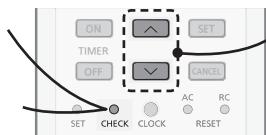
# Troubleshooting

## How to retrieve error codes

If the unit stops and the TIMER indicator blinks, use the remote control to retrieve the error code.

① Press for 5 seconds

③ Press for 5 seconds to quit checking



② Press until you hear beep sound, then write down the error code

④ Turn the unit off and inform the error code to an authorised dealer.

• For certain errors, you may restart the unit for limited operation if there are 4 beeps when operation starts.

Diagnostic display	Abnormality/Protection control
H 00	No memory of failure
H 11	Indoor/outdoor abnormal communication
H 12	Indoor unit capacity unmatched
H 14	Indoor intake air temperature sensor abnormality
H 15	Outdoor compressor temperature sensor abnormality
H 16	Outdoor current transformer (CT) abnormality
H 17	Outdoor suction temperature sensor abnormality
H 19	Indoor fan motor mechanism lock
H 21	Indoor float switch operation abnormality
H 23	Indoor heat exchanger temperature sensor 1 abnormality
H 24	Indoor heat exchanger temperature sensor 2 abnormality
H 25	Indoor ion device abnormality
H 26	Minus ION abnormality
H 27	Outdoor air temperature sensor abnormality
H 28	Outdoor heat exchanger temperature sensor 1 abnormality
H 30	Outdoor discharge pipe temperature sensor abnormality
H 31	Abnormal swimming pool sensor
H 32	Outdoor heat exchanger temperature sensor 2 abnormality
H 33	Indoor/outdoor misconnection abnormality
H 34	Outdoor heat sink temperature sensor abnormality
H 35	Indoor/outdoor water adverse current abnormality
H 36	Outdoor gas pipe temperature sensor abnormality
H 37	Outdoor liquid pipe temperature sensor abnormality
H 38	Indoor/outdoor mismatch (brand code)
H 39	Abnormal indoor operating unit or standby units

Diagnostic display	Abnormality/Protection control
H 41	Abnormal wiring or piping connection
H 50	Ventilation fan motor locked
H 51	Ventilation fan motor locked
H 52	Left-right limit switch fixing abnormality
H 58	Indoor gas sensor abnormality
H 59	Eco sensor abnormality
H 64	Outdoor high pressure sensor abnormality
H 67	nance abnormality
H 70	Light sensor abnormality
H 71	DC cooling fan inside control board abnormality
H 72	Abnormality tank temperature sensor
H 85	Abnormal communication between indoor & wireless LAN module
H 97	Outdoor fan motor mechanism lock
H 98	Indoor high pressure protection
H 99	Indoor operating unit freeze protection
F 11	4-way valve switching abnormality
F 16	Total running current protection
F 17	Indoor standby units freezing abnormality
F 18	Dry circuit blocked abnormality
F 87	Control box overheat protection
F 90	Power factor correction (PFC) circuit protection
F 91	Refrigeration cycle abnormality
F 93	Outdoor compressor abnormal revolution
F 94	Compressor discharge pressure overshoot protection
F 95	Outdoor cooling high pressure protection
F 96	Power transistor module overheating protection
F 97	Compressor overheating protection
F 98	Total running current protection
F 99	Outdoor direct current (DC) peak detection

\* Some error code may not be applicable to your model. Consult an authorised dealer for clarification.



# Memo

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# Memo

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**Panasonic Corporation**  
1006, Oaza Kadoma, Kadoma City,  
Osaka 571-8501, Japan  
Website: <http://www.panasonic.com>

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