



# Operating Instructions Air Conditioner

Indoor Unit
<b>CS-YE9MKE</b>
<b>CS-YE12MKE</b>
<b>CS-YE18MKE</b>

Outdoor Unit CU-YE9MKE CU-YE12MKE CU-YE18MKE



ENGLISH

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



### QUICK GUIDE

ÍA RÁPIDA Rzahleituko Ida Rapida SHELLE (3D) Charápido Zymtolicz Ganfox G5P3 ctipado4nni

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**NOTE:** The illustrations in this manual are for explanation purposes only and may differ from the actual unit. It is subjected to change without notice for future improvement.

#### **OPERATION CONDITION**

#### Use this air conditioner under the following temperature range

Temperature (°C)		Ind	oor	Outdoor		
Tempera	iure (C)	*DBT	*DBT *WBT *DBT *WBT			
COOLING	Maximum	32	23	43	26	
	Minimum	16	11	16	11	
HEATING	Maximum	30	-	24	18	
	Minimum	16	-	-5	-6	

\* DBT: Dry bulb temperature \* WBT: Wet bulb temperature

**NOTICE:** • This model is not suitable for 24 hours non-stopping operation in heating mode below -5°C. When the outdoor temperature is below -5°C and you use this model out of above conditions, the outdoor unit might be frozen up and stop operation for protection control.

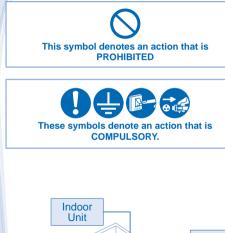
# SAFETY PRECAUTIONS

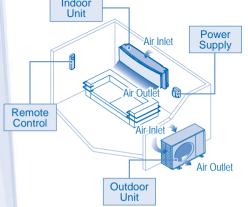
To prevent personal injury, injury to others, or property damage, please comply the following. Incorrect operation due to failure to follow instructions may cause harm or damage, the seriousness of which is classified as below:

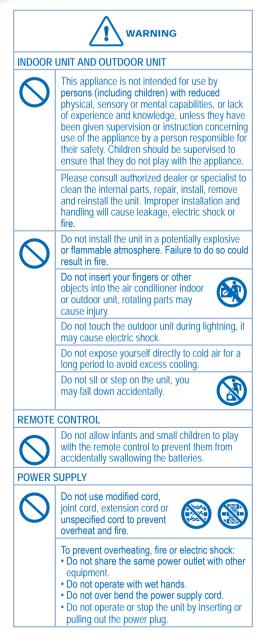
WARNING This sign warns of death or serious injury.



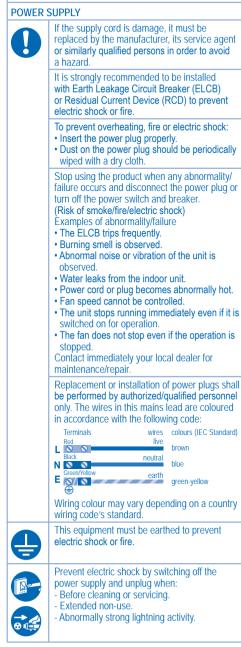
The instructions to be followed are classified by the following symbols:













#### 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 propagate.

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 unstable bench when cleaning the unit to avoid injury.

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

Do not left the window open during Cool/Dry mode operation to prevent water leakage.



Ensure drainage pipe is connected properly and keep drainage outlet clear of gutters, containers or does not immersed in water to prevent water leakage.

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

After long period of use, make sure the installation rack is 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:

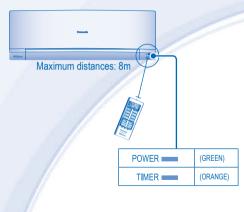
- Remove the batteries if the unit is not going to be used for a long period of time.
- New batteries of the same type must be inserted following the polarity stated.

#### POWER SUPPLY



Do not pull the cord to disconnect the plug to prevent electric shock.

## **REMOTE CONTROL**



#### Press the remote control's button



TO TURN ON OR OFF THE UNIT

POWER

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• Please be aware of the OFF indication on the remote control display to prevent the unit from starting/stopping improperly.

#### 2 TO SET TEMPERATURE

- Selection range: 16°C ~ 30°C.
- Operating the unit within the recommended temperature could induce energy saving.
   HEAT mode : 20°C ~ 24°C.
   COOL mode : 26°C ~ 28°C.
   DRY mode : 1°C ~ 2°C lower than room temperature.

#### 3 TO SELECT OPERATION MODE

#### AUTO mode - For your convenience

- During operation mode selection the power indicator blinks.
- Unit selects the operation mode according to the indoor intake temperature and remote control temperature.

#### HEAT mode - To enjoy warm air

 In heat mode, it may take a while for the unit to warm up. The POWER indicator blinks during preheating.

#### COOL mode - To enjoy cool air

• Use curtains to screen off sunlight and outdoor heat to reduce power consumption during cool mode.

#### DRY mode - To dehumidify the environment

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

TO SELECT OPERATION MODE

#### FAN SPEED

4

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

#### 5 TO ADJUST AIRFLOW DIRECTION (5 OPTIONS)

#### 

- · Keeps the room ventilated.
- In COOL mode, if AUTO is set, the louver swing up/down automatically.

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 In HEAT mode, if AUTO is set, the horizontal louver fix at predetermined position.

#### 6 TO ACHIEVE TEMPERATURE QUICKLY

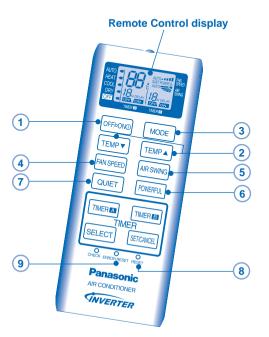
• This setting enables the desired set temperature to be reached quickly.

#### 7 TO ENJOY QUIET ENVIRONMENT

- This setting provides a quiet environment by reducing the airflow noise.
- POWERFUL AND QUIET operations can not be activated at the same time.

PRESS TO RESTORE THE REMOTE CONTROL'S DEFAULT SETTING

9 NOT USED IN NORMAL OPERATIONS



#### TO SET THE TIMER (12-HOUR TIMER SETTING)

• When you want the air conditioner to turn ON or OFF automatically.

#### **DELAY OFF-TIMER**

For example, to stop the air conditioner 5 hours later.

- 1 To select the Delay OFF-TIMER, press the SELECT button once.
- 2 Press the TIMER button to select the delay hour.
- The OFF-TIMER can only be set while the airconditioner is in operation.

#### **DELAY ON-TIMER**

For example, to start the air conditioner 2 hours later.

- 1 To select the Delay ON-TIMER, press the SELECT button once.
- 2 Press the TIMERIA button to select the delay hour.
- The ON-TIMER can only be set while the airconditioner is not in operation.

#### **DELAY OFF AND ON TIMER**

For example, to stop the air conditioner 3 hours later and start 4 hours later.

- 1 To select the Delay OFF and ON Timer, press the SELECT button twice repeatedly.
- 2 Press the TMERM button to select the delay hour for OFF Timer.
- 3 Press the THERE button to select the delay hour for ON Timer.
- This mode of timer can only be set while the airconditioner is in operation.

#### DELAY ON AND OFF TIMER

For example, to start the air conditioner 7 hours later and stop 10 hours later.

- 1 To select the Delay ON and OFF Timer, press the SELECT button twice repeatedly.
- 2 Press the THERE button to select the delay hour for ON Timer.
- 3 Press the mere button to select delay hour for OFF Timer.
- This mode of timer can only be set while the airconditioner is not in operation.

#### TO CONFIRM THE TIMER SETTING

Press the SETCANCEL button once to activate the timer operation which will start when the set time is reached.

#### TO CANCEL THE TIMER SETTING

Press the SETCANCEL button again to cancel the timer operation.

- The timer indicator of the indoor unit will light up during the timer operation.
- When ON Timer is set, the unit may start earlier before the actual set time in order to achieve the desired temperature on time.
- If you press operation OFFIGOND button during the timer setting operation, timer setting will be cancelled.
- If timer is cancelled manually or due to power failure, you can restore the timer again by repeating steps above (once power is resumed).

### **INDOOR UNIT**



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

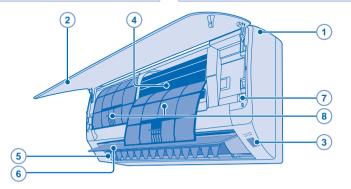
#### WASHING INSTRUCTIONS

CAUTION

- Do not use benzene, thinner or scouring powder.
- Use only soap (≃ pH7) or neutral household detergent.
- Do not use water hotter than 40°C.

#### HINT

- To ensure optimal performance of the unit, cleaning maintenance have to be carried out at regular intervals.
- If chemical cloth is used to wipe the unit, instruction for the cloth should be followed.



#### 1 INDOOR UNIT

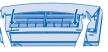
· Wipe the unit gently with a soft, dry cloth.

#### 2 FRONT PANEL

#### Remove Front Panel

- · Raise and pull to remove the front panel.
- · Wash gently and dry.

**Close Front Panel** 



- · Press down both ends of the front panel to close it securely.
  - 3 RECEIVER

4

ALUMINIUM FIN

WARNING

- 5 HORIZONTAL AIRFLOW DIRECTION LOUVER
- · Manually adjustable.



Be careful not to insert your fingers into the unit to avoid injuring by cross-flow fan.

#### 6 VERTICAL AIRFLOW DIRECTION LOUVER

· Do not adjust by hand.

#### 7 AUTO OFF/ON BUTTON

· Use when remote control is misplaced or malfunction.

Action	Mode
Press once.	Auto
Press and hold until 1 beep is heard, then release.	Cooling
Press and hold until you hear double beep sound, then release.	Heating
Press the button to turn off.	

#### 8 AIR FILTERS

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

### TROUBLESHOOTING

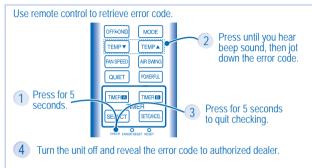
#### The following symptoms do not indicate malfunction.

SYMPTOM	CAUSE
Mist emerges from indoor unit.	<ul> <li>Condensation effect due to cooling process.</li> </ul>
Water flowing sound during operation.	<ul> <li>Refrigerant flow inside the unit.</li> </ul>
The room has a peculiar odour.	<ul> <li>This may due to damp smell emitted by the wall, carpet, furniture or clothing.</li> </ul>
Indoor fan stops occasionally during automatic fan speed setting.	<ul> <li>This helps to remove the surrounding odours.</li> </ul>
Operation is delayed a few minutes after restart.	<ul> <li>The delay is a protection to the unit's compressor.</li> </ul>
Outdoor unit emits water/steam.	<ul> <li>Condensation or evaporation occurs on pipes.</li> </ul>
The unit operates automatically when power is resumed after a power failure.	<ul> <li>It is the Auto Restart function of the unit. Operation will be restarted automatically under the previous operation mode and air flow direction when power is resumed as the operation is not stopped by remote control.</li> </ul>
Indoor fan stops occasionally during heating operation.	<ul> <li>To avoid unintended cooling effect.</li> </ul>
Power indicator blinks before the unit is switched on.	<ul> <li>This is a preliminary step in preparation for the operatio when the ON timer has been set.</li> </ul>
Cracking sound during operation.	<ul> <li>Changes of temperature cause the expansion/ contraction of the unit.</li> </ul>

#### Check the following before calling for servicing.

SYMPTOM	CHECK	
Heating/Cooling operation is not working efficiently.	<ul> <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 vertices.</li> </ul>	ents.
Noisy during operation.	<ul> <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> <li>Insert the batteries correctly.</li> <li>Replace weak batteries.</li> </ul>	
The unit does not work.	<ul> <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> <li>Make sure the receiver not obstructed.</li> <li>Certain fluorescent lights may interfere with signal transmitter. Please consult authorized dealer.</li> </ul>	

#### The unit stops and the timer indicator blinks.



#### Note:

 For certain error, you may restart the unit with limited operation with 4 beeps during operation starts. ENGLISH

# **PRODUCT SPECIFICATION**

Indoor Unit

Outdoor Unit

		CS-YE9MKE		CS-YE12MKE		CS-YE18MKE				
Model				COOL	HEAT	COOL	HEAT	COOL	HEAT	
				Single, 230V,50Hz		Single, 2	Single, 230V,50Hz		Single, 230V,50Hz	
	ent	[kW]	[kW]		0.880	1.020	1.105	1.660	1.615	
V	ont	[A]	[A]		4.10	4.90	5.20	7.90	7.70	
Refrigerant		[kg]		R410A 0.780		R410A 0.880			<b>R410A</b> 1.15	
Cooling Cap	Cooling Capacity		[kW]		2.50		3.30		5.00	
Heating Ca	Heating Capacity		[kW]		3.20		4.00		5.50	
	JIS C 9612 [<70 dB(A)]			40	40	42	42	46	46	
))) Noise Level	Conditions 1m Distance Max. cooling/ heating operation	[dB(A)]	•□	47	48	48	50	50	52	
	Sound power	Sound power	[dB(A)]		56	56	58	58	62	62
	level		•□	63	64	64	66	66	68	
Air Circulation		[m <sup>3</sup> /min.]		12.5	13.0	13.5	13.9	14.6	15.3	
Product Weight		[kg]		8.0		8.0		7.5		
Kg	Kg Product Weight		•□	22		26.5		31.5		
Dimensions	Dimensions (H x W x D)			283 x 80	)3 x 214	283 x 803 x 214		283 x 8	03 x 214	
		[mm]		540 x 780 x 289		540 x 780 x 289		540 x 780 x 289		

Test conditions

Tomporature (°C)	Ind	oor	Outdoor		
Temperature (°C)	*DBT	*WBT	*DBT	*WBT	
COOLING	COOLING 27		35	24	
HEATING	20	12	7	6	

2. Standard piping length: 7.5 m (Includes Indoor Unit piping length).

				-			-			
Ukrainian	Технічні характеристики	Модель Внутрішній блок Зовнішній блок	Потужність / струм	Холодоагент	Потужність на охолодження	Потужність на обігрівання	Рівень шуму Умови Відстань 1 м Макс. охоподження Рівень потужності звуку	Циркуляція повітря	Маса виробу	Габарити
Norwegian	Produktets spesifikasjoner	Modell Innendørsenhet Utendørsenhet	Effekt/strøm	Kjølemiddel	Kjølekapasitet	Varmekapasitet	Støynivå Vilkår 1 m avstand Maks. kjøling Lydeffektnivå	Luftstrømning	Produktets vekt	Mâi
Swedish	Produktens specifikationer	Modell Inomhusenhet Utomhusenhet	Effekt/ström	Köldmedium	Kylkapacitet	Uppvärmningskapacitet	Bullernivå Vilkor 1 m avständ Max, kylning Ljudeffektnivå	Luftflöde	Produktens vikt	Mâtt
Arabic	مواصفات النتج	طراز الوحدة الثانيية الوحدة الثارجية	القدرة/ التيار الكهريائي	المادة المبردة	سعة التبريد	سعة التدفئة	مستو الضوضاء الطراف السافة ام السه الأيص للنبريد مستوى قررة الصرت	دوران الهواء	وزن المنتح	الأبعاد
Turkish	Ürün Özelikleri	Modeli Iç Ünite Dış Ünite	Güç / Akim	Sogutucu	Sogutma Kapasitesi	Isitma Kapasitesi	Ses seviryesi Koşullar 1m Uzaklık Maks. soğurma Ses seviryesi	Hava Devri	Ürün agirligi	Ebatlar
Bulgarian	Спецификация на продукла	Модел Вътрешно устройство Външно устройство	Електрическо захранване	Охлаждане	Охлаждащ капацитет	Загряващ капацитет	Ниво на шума Условия 1 м разстояние Махомаль соозжане Ниво на звука	Въздушна циркулация	Тегло на продукта	Размери
Spanish	Especificación de productos	Modelo Equipo interior Equipo exterior	Corriente	Refrigerante	Potencia frigorífica	Potencia calefacción	Nivel sonoro Condiciones 1 m de distancia Refrigeración máx. Nivel de potencia de sonido	Circulacion de aire	Peso del producto	Medidas
Russian	Технические характеристики	Модель Внупремена часть устройства Внешния часть устройства	Напряжение питания	Охлаждающий агент	Мощность охлаждения	Мощность нагрева	Уровень шума оцсомпу ницшейти - 1 / у сеень мощности звука	Циркуляция воздуха	Вес продукта	Размеры
Portuguese	Especificações do produto	Modelo Elemento interior Elemento exterior	Potência	Refrigerante	Capacidade do refrescamento	Capacidade do aquecimento	Nível do barulho Condições Distância de 1m Arrefecimento máx. Nivel de atimentação sonora	Circulação do ar	Peso do producto	Dimensões
Nederland	productkenmerken	Model Binneninrichting Buiteninrichting	Stroom	Koelmiddel	Cooling Capacity	Verwarming Capacity	Lawaaipeiler Voorwaarden 1m afstand Max, Koeling Geluidsriveau	Luchtcirculatie	Produktgewicht	Afmetingen
Italian	prescrizione del prodotto	Modello Impianto interno Impianto esterno	Corrente	Refrigerante	Refrigerazione	Riscaldamento	Livello di rumore Condizioni Distanza di 1 m Rattreddamento max. Livello rumore	Circolazione aria	Peso prodotto	Misure
Greek	Προδιαγραφές προϊόντος	Μοντέλο Εσωτερικη συσκευή Εξωτερικη συσκευή	Παροχή ρεύματος	ψυκτικό μέσο	Ικανότητα ψύξης	Ικανότητα θέρμανοης	Εττίτεδο θορυβου Συθήκος Απόσταλη 1μετρου Μέγ, Ψύξη Στάθμη ισχύος Βορύβου	Κυκλοφορία αέρα	Βάρος του προίοωτος	Διάσταση
Français	Caractéristiques du produit	Modèle Unité intérieure Unité extérieure	Alimentation	Réfrigérant	Capacité réfrigérante	Capacité chauffage	Niveau de bruit Conditions Distance 1 m Retroùissement max, Niveau de priserroe sonce	Ventilation	Poids du produit	Dimensions
Deutsch	Produktspezifikation	Modell Innengerät Aussengerät	Stromversorgung	Kühlmittel	Kühlleistung	Heizleistung	Lårmpegel Bedngungen In Abstand Max. Krihlung Schallleistungspegel	Luftzirkulation	Produktgewicht	Abmessungen
Translations	Product Specification	Model Indoor Unit	Power / Current	rigerant		Figure Capacity	Noise Level Conditions (Th Distance Max. cooling Sound power level	Circulation	Product weight	ensions
F	Produc	₩ N	2	Refrigerant	**	Hee	NO COL	Air Circulation	Pio	Dimensions



# ΜΕΜΟ

### OUICK GUIDE/GUIDE RAPIDE/GUÍA RÁPIDA/KURZANLEITUNG/GUIDA RAPIDA/ SNELLE GIDS/GUIA RÁΡΙDO/ΣΥΝΤΟΜΟΣ ΟΛΗΓΟΣ/БЪΡЗ СПРАВОЧНИК

Remote Control Preparation • Préparation De La Télécommande • Preparación Del Mando A Distancia • Vorbereitung der Fernbedienung • Telecomando: Operazioni Preliminari • Afstandsbediening voorbereiding • Preparação Do Controlo Remoto • Ποστοιμασία Тпλεχειοιστησίου • Полготвяне На Дистанционното Управление

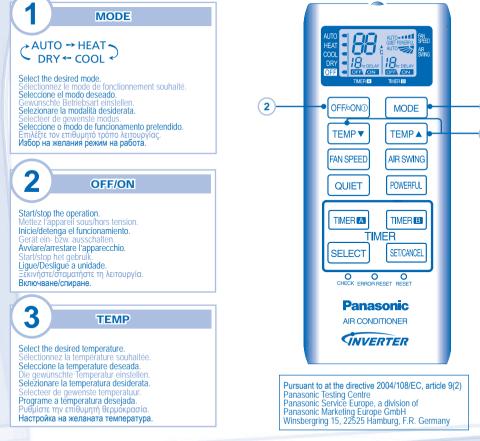


Remove the battery cover • Retirer le couvercle de la batterie • Retire la tana de las pilas • Entfernen Sie die Batterieklappe • Rimuovere il coperchio batteria • Verwijder het klepie van de batteriien • Remova a tampa da bateria. • Αφαιρέστε το κάλυμμα της μπαταρίας • Čβαλετε капака за батериите Insert AAA or R03 batteries (can be used ~ 1 year) • Placez des piles AAA ou R03 (valables environ 1 an) • Inserte pilas AAA o R03 (puede ser usado ~ 1 año) •

- Batterien des Typs AAA oder R03 einlegen (Betriebsdauer etwa ein Jahr) •
- Inserire batterie AAA o R03 (può essere utilizzato per circa 1 anno) •
- Plaats AAA of R03 batterijen (kunnen ongeveer 1 haar gebruikt worden) Introduza pilhas AAA ou R03 (pode ser utilizado ~ 1 ano) •

Τοποθετήστε μπαταρίες ΑΑΑ ή R03 (μπορούν αν χρησιμοποιηθούν ~ 1 χρόνο) • Поставете ААА или R03 батерии (могат да се използват приблизително една година)

- Close the cover Fermez le couvercle Cierre la tapa Batteriefach schließen •
- 3 Chiudere il coperchio • Sluit de klep • Feche a tampa • Κλείστε το κάλυψια • Затворете капака



### Panasonic Corporation

F567885 F1102-01

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