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› [Panasonic](#) /

› Panasonic EU 7-in-1 Convertible 1 Ton 3 Star Inverter Split AC User Manual

Panasonic CS/CU-EU12BKY3F

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Model: CS/CU-EU12BKY3F

Brand: Panasonic

1. INTRODUCTION AND OVERVIEW

This manual provides essential information for the safe and efficient operation, installation, and maintenance of your Panasonic EU 7-in-1 Convertible 1 Ton 3 Star Inverter Split Air Conditioner. Please read this manual thoroughly before using your air conditioner and retain it for future reference.

The Panasonic EU 7-in-1 Convertible 1 Ton 3 Star Inverter Split AC is designed to offer flexible cooling capacity, adapting to your specific needs. This convertible technology ensures optimal cooling performance while managing power consumption efficiently, making it suitable for various weather conditions.

2. SAFETY INFORMATION

To prevent personal injury, injury to others, or property damage, please observe the following safety precautions. Incorrect operation due to ignoring instructions may cause harm or damage.

- Always ensure the air conditioner is installed by a qualified technician.
- Do not insert fingers or other objects into the air inlet or outlet.
- Do not attempt to repair, relocate, or modify the air conditioner yourself. Contact authorized service personnel.
- Ensure the power supply is disconnected before any cleaning or maintenance.
- Do not use flammable sprays near the unit.
- This appliance uses R32 refrigerant. Handle with care and ensure proper ventilation during installation and servicing.

3. PRODUCT FEATURES

Your Panasonic EU Inverter Split AC comes equipped with advanced features for enhanced comfort and efficiency:

- **7-in-1 Convertible Technology:** Adjusts cooling capacity from 40% to 100% and beyond, optimizing energy use based on ambient temperature and number of occupants.
- **100% Copper Condenser:** Ensures efficient heat transfer and durability.
- **Ag Clean Filter:** Helps inhibit bacteria and viruses, providing cleaner air.
- **PM0.1 Filter:** Filters out fine particulate matter for improved indoor air quality.
- **Crystal Clean Technology:** Facilitates self-cleaning of the indoor unit.
- **Eco Tough Outdoor Unit:** Designed for enhanced durability and corrosion resistance.
- **Shield Blu+ Coating:** Protects the evaporator and condenser coils from corrosion.
- **High CFM:** Delivers powerful airflow for faster cooling.
- **Cools at 55°C:** Designed to maintain effective cooling even in extreme ambient temperatures up to 55°C.
- **Hidden Display:** Integrated display for a sleek aesthetic.



Figure 3.1: Indoor unit showcasing key features like 7-in-1 Convertible, Crystal Clean, High Air Flow, and Corrosion Free technologies.



Figure 3.2: Indoor unit displaying the energy savings guide and detailed feature descriptions, including the 7 stages of cooling capacity.

4. SETUP AND INSTALLATION

The installation of this split air conditioner requires specialized tools and knowledge. It is strongly recommended that installation be performed by a Panasonic authorized service technician to ensure proper functioning and safety.

- **Included Components:** The product package includes one air conditioner unit, which comprises both the indoor and outdoor units, along with a remote control and user manual.
- **Placement:** Ensure both indoor and outdoor units are placed in locations that allow for optimal airflow and easy maintenance. The indoor unit dimensions are 22.9D x 87W x 29.5H Centimeters.
- **Electrical Connection:** The unit operates on 230 Volts and requires a dedicated power circuit.



Figure 4.1: The outdoor unit of the Panasonic EU Inverter Split AC, which houses the compressor and condenser coil.



Figure 4.2: Indoor unit with indicated dimensions (87 cm width, 29.5 cm height, 22.9 cm depth) for installation planning.

5. OPERATING INSTRUCTIONS

Your air conditioner is controlled via a wireless remote control. Ensure the remote control has fresh batteries and is pointed towards the indoor unit when operating.



Figure 5.1: The remote control for your Panasonic Air Conditioner, showing various function buttons.

Remote Control Functions:

- **OFF/ON Button:** Press to turn the unit on or off.
- **MODE Button:** Cycles through operating modes: AUTO, COOL, DRY, FAN.
- **TEMP Buttons (Up/Down Arrows):** Adjusts the desired temperature.
- **FAN SPEED Button:** Selects fan speed (Auto, Low, Medium, High).
- **AIR SWING Button:** Controls the vertical louver movement for air direction.
- **POWERFUL Button:** Activates powerful cooling for rapid temperature reduction.
- **SLEEP Button:** Engages sleep mode for comfortable night-time operation.
- **TIMER ON/OFF Buttons:** Sets the timer for automatic power on or off. Use SET and CANCEL buttons to configure.
- **CLOCK Button:** Sets the current time on the remote control.
- **RESET Button:** Resets remote control settings.

6. MAINTENANCE

Regular maintenance ensures optimal performance and longevity of your air conditioner. Always

disconnect power before performing any maintenance.

Indoor Unit:

- **Air Filter Cleaning:** The Ag Clean and PM0.1 filters should be cleaned regularly (e.g., every two weeks or as needed). Open the front panel, remove the filters, and clean them with a vacuum cleaner or by washing with water. Allow them to dry completely before reinserting.
- **Crystal Clean Function:** Utilize the Crystal Clean feature to automatically clean the indoor unit's coil, preventing mold and bacteria growth. Refer to your remote control or main unit for activation instructions.
- **Unit Surface Cleaning:** Wipe the indoor unit's surface with a soft, dry cloth. For stubborn dirt, use a damp cloth with a mild detergent, then wipe dry.

Outdoor Unit:

- **Coil Cleaning:** Periodically check the outdoor unit's coil for dust and debris. Gently clean with a soft brush or vacuum cleaner. Avoid bending the fins.
- **Clear Obstructions:** Ensure no leaves, dirt, or other obstructions block the airflow around the outdoor unit.
- **Professional Inspection:** It is recommended to have a professional service check the outdoor unit annually.

7. TROUBLESHOOTING

Before contacting service, please check the following common issues:

- **No Power:** Check if the circuit breaker has tripped or if the unit is properly plugged in.
- **Not Cooling Effectively:** Ensure doors and windows are closed. Clean air filters. Check if the temperature setting is too high.
- **Unusual Noises:** Small cracking sounds are normal due to expansion/contraction of plastic parts. If noises are loud or unusual, contact service.
- **Water Leakage:** Check if the drain hose is blocked or kinked. Ensure the indoor unit is installed level.
- **Remote Control Not Working:** Check battery orientation and charge. Ensure no obstructions between remote and indoor unit.

If the problem persists after checking these points, please contact Panasonic customer support.

8. SPECIFICATIONS

Specification	Value
Brand	Panasonic
Model Name	CS/CU-EU12BKY3F
Capacity	1 Ton
BEE Star Rating	3 Star
Cooling Power	3450 Kilowatts
Refrigerant	R-32
Indoor Unit Dimensions (DxWxH)	22.9D x 87W x 29.5H Centimeters

Noise Level	45 Decibels
Filter Type	PM0.1 FILTER, Anti Bacterial Filter
Compressor Type	Rotary Scroll
Core Material	Copper
Voltage	230 Volts
Power Consumption	1140 W
Annual Energy Consumption	966 Kilowatts
Seasonal Energy Efficiency Ratio (SEER)	4.00
Air Flow Efficiency	494 Cubic Feet Per Minute Per Watt
Operating Mode	Cooling
Room Type	Residential

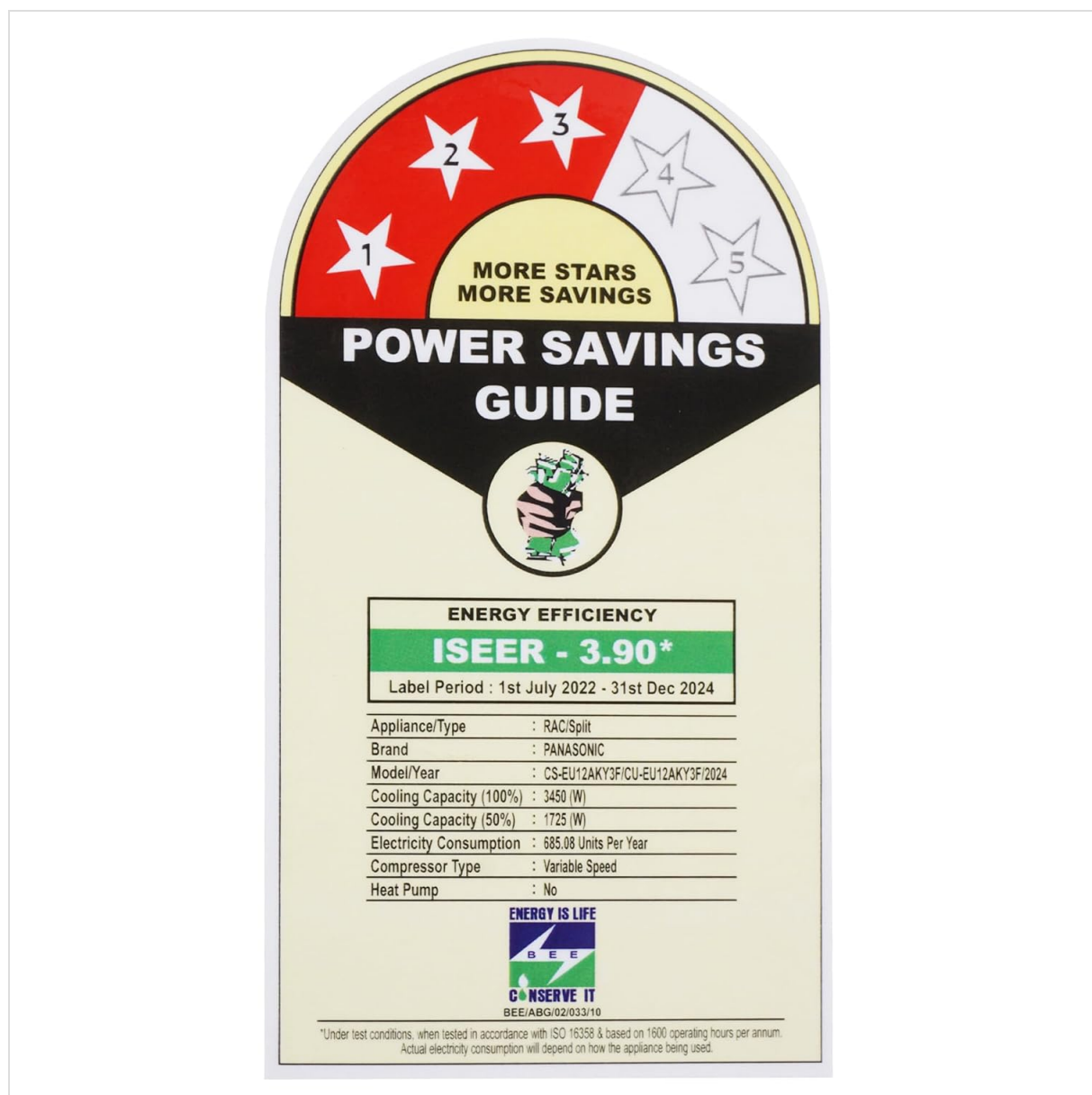


Figure 8.1: Energy Savings Guide label for the Panasonic EU Inverter Split AC, showing a 3-star rating and ISEER of 3.90.

9. WARRANTY AND SUPPORT

Your Panasonic EU 7-in-1 Convertible 1 Ton 3 Star Inverter Split AC comes with the following warranty:

- **1 Year Comprehensive Warranty** on the entire unit.
- **10 Years Compressor Warranty.**
- **5 Years PCB Warranty.**
- **5 Years ODU Casing Warranty.**

For service, support, or warranty claims, please contact:

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