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› Panasonic EU 7-in-1 Convertible Inverter Split AC User Manual (Model CS/CU-EU24BKY3)

Panasonic CS/CU-EU24BKY3

Panasonic EU 7-in-1 Convertible Inverter Split AC

Model: CS/CU-EU24BKY3 - User Manual

1. INTRODUCTION

Thank you for choosing the Panasonic EU 7-in-1 Convertible 2 Ton 3 Star Inverter Split AC. This air conditioning unit is designed to provide efficient and comfortable cooling for your space. This manual contains important information regarding the installation, operation, maintenance, and troubleshooting of your AC. Please read it thoroughly before using the appliance and keep it for future reference.

2. SAFETY INFORMATION

To prevent injury to the user or others and property damage, the following instructions must be followed. Incorrect operation due to ignoring instructions may cause harm or damage.

- **Professional Installation:** Installation, relocation, and maintenance of this unit must be performed by a qualified service technician.
- **Power Supply:** Ensure the power supply matches the specifications of the unit. Do not use damaged power cords or plugs.
- **Grounding:** The unit must be properly grounded to prevent electric shock.
- **Flammable Refrigerant:** This unit uses R32 refrigerant, which is mildly flammable. Ensure proper ventilation during installation and servicing. Do not puncture or burn the refrigerant circuit.
- **Obstruction:** Do not insert fingers or foreign objects into the air inlet or outlet.
- **Cleaning:** Always turn off the power supply and unplug the unit before cleaning or performing any maintenance.

3. PRODUCT OVERVIEW

The Panasonic EU Split AC system consists of an indoor unit, an outdoor unit, and a remote control. Familiarize yourself with the components for optimal use.

3.1 Indoor Unit

The indoor unit is responsible for circulating cooled or heated air within your room. It houses the evaporator coil, fan, and air filters.



Image 3.1: Front view of the Panasonic EU Indoor Unit. This unit is typically mounted on an interior wall and features an air intake grille at the top and an air outlet louver at the bottom.

3.2 Outdoor Unit

The outdoor unit contains the compressor, condenser coil, and expansion valve. It dissipates heat from the room to the outside environment.



Image 3.2: Side view of the Panasonic EU Outdoor Unit. This unit is designed for outdoor installation and includes a fan grille and refrigerant line connections.

3.3 Remote Control

The wireless remote control allows you to operate all functions of the AC unit from a distance.



Image 3.3: Layout of the Panasonic EU Remote Control. Key buttons include Power, Mode, Fan Speed, Temperature Up/Down, Timer, and Convertible Mode selection.

4. SETUP

Proper installation is crucial for the performance and longevity of your air conditioner. It is strongly recommended that installation be performed by a certified professional.

4.1 Installation Guidelines

- **Location:** Choose a location for the indoor unit that allows for even air distribution and is away from direct sunlight or heat sources. The outdoor unit should be placed in a well-ventilated area, away from obstructions.
- **Mounting:** Ensure both units are securely mounted on stable surfaces according to the manufacturer's specifications.
- **Drainage:** Connect the drain hose from the indoor unit to ensure proper condensate removal.
- **Refrigerant Piping:** Ensure refrigerant lines are properly connected and sealed to prevent leaks.

4.2 Electrical Connection

1. Verify that the power supply voltage and frequency match the unit's requirements (230 Volts).
2. Connect the power cable to a dedicated power outlet with proper grounding.
3. Ensure all electrical connections are secure and insulated.

4.3 Initial Start-up

1. After installation, turn on the main power supply to the AC unit.
2. Insert batteries into the remote control.
3. Press the 'ON/OFF' button on the remote control to start the unit.
4. The unit will perform a self-check and begin operation in the last selected mode or default mode.

5. OPERATING INSTRUCTIONS

This section details how to use the remote control to operate your Panasonic EU AC unit.

5.1 Basic Operation

- **Power ON/OFF:** Press the **ON/OFF** button to start or stop the AC.
- **Mode Selection:** Press the **MODE** button to cycle through available modes: Auto, Cool, Dry, Fan.
- **Temperature Adjustment:** Use the **TEMP UP (▲)** and **TEMP DOWN (▼)** buttons to set your desired temperature.
- **Fan Speed:** Press the **FAN** button to adjust the fan speed (Auto, Low, Medium, High).
- **Swing Function:** Press the **SWING** button to activate or deactivate the vertical louver swing. This model also features 4-way swing for enhanced air distribution.

5.2 7-in-1 Convertible Modes

Your Panasonic EU AC features a 7-in-1 Convertible mode, allowing you to adjust the cooling capacity based on your needs, optimizing energy consumption and comfort. To activate and cycle through these modes:

1. Ensure the AC is in Cool mode.
2. Press the dedicated **CONVERTIBLE** button on your remote control.
3. Each press will cycle through different capacity settings (e.g., 40%, 60%, 80%, 100%, 110%, 120%, AI Mode). Select the mode that best suits the room size and ambient temperature.

4. The display on the remote or indoor unit will indicate the selected convertible mode.

5.3 Powerful Mode

For rapid cooling, use the Powerful mode. This mode operates the AC at maximum fan speed and cooling capacity for a short period.

- Press the **POWERFUL** button on the remote.
- The unit will operate at maximum power for approximately 15-20 minutes, then return to its previous settings.

5.4 Timer Functions

Set the AC to turn ON or OFF automatically using the timer functions.

- **Timer ON:** Press **TIMER ON**, then use **TEMP UP/DOWN** to set the desired ON time. Press **TIMER ON** again to confirm.
- **Timer OFF:** Press **TIMER OFF**, then use **TEMP UP/DOWN** to set the desired OFF time. Press **TIMER OFF** again to confirm.

Video 5.1: A demonstration of how to select and utilize the 7-in-1 Convertible modes on your Panasonic EU AC using the remote control. This video illustrates the steps for adjusting cooling capacity.

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6. MAINTENANCE

Regular maintenance ensures efficient operation and extends the lifespan of your AC unit. Always disconnect power before performing maintenance.

6.1 Air Filter Cleaning

Your AC is equipped with an Anti-Dust Filter and a PM 0.1 Filter. Clean these regularly to maintain air quality and cooling efficiency.

1. Open the front panel of the indoor unit.
2. Carefully remove the air filters.
3. Clean the filters using a vacuum cleaner or wash them with lukewarm water and a mild detergent.
4. Allow filters to dry completely in a shaded area before reinstalling.
5. Close the front panel securely.

Frequency: Clean filters every two weeks or more frequently depending on usage and air quality.

6.2 Outdoor Unit Cleaning

Keep the outdoor unit free from obstructions and debris.

- Clear any leaves, dust, or other debris from around the outdoor unit.
- Ensure the air inlet and outlet are not blocked.
- For thorough cleaning of coils, contact a professional service technician.

6.3 Seasonal Maintenance

- Before the cooling season, check for any unusual noises or odors.
- Ensure the drain hose is clear and not clogged.
- Consider a professional service check-up annually to ensure optimal performance and address any potential issues.

7. TROUBLESHOOTING

Before contacting service, refer to the following table for common issues and their solutions.

Problem	Possible Cause	Solution
AC does not start	No power supply; Remote control batteries low; Timer ON function active.	Check power connection and circuit breaker; Replace remote batteries; Cancel Timer ON setting.
Insufficient cooling	Dirty air filters; Blocked outdoor unit; Doors/windows open; Temperature setting too high.	Clean air filters; Clear obstructions from outdoor unit; Close doors/windows; Lower temperature setting.
Strange noises	Gurgling sound (refrigerant flow); Cracking sound (expansion/contraction of plastic parts).	These are normal operational sounds. If noise is excessive or unusual, contact service.
Water dripping from indoor unit	Clogged drain hose; Improper installation.	Check and clear drain hose; Contact a professional for inspection if issue persists.
Remote control not working	Batteries depleted; Obstruction between remote and indoor unit; Remote control malfunction.	Replace batteries; Remove obstructions; If still not working, contact service.

If the problem persists after attempting these solutions, please contact a qualified service technician.

8. SPECIFICATIONS

Key technical specifications for the Panasonic EU 7-in-1 Convertible Inverter Split AC (Model CS/CU-EU24BKY3).

Feature	Specification
Model Number	CS/CU-EU24BKY3
Capacity	2 Tons
Cooling Power	6200 Kilowatts
Energy Rating	3 Star (BEE Star Rating)
Inverter Type	Inverter
Refrigerant	R-32

Feature	Specification
Condenser Material	Copper
Filter Type	PM 0.1, Anti-Dust Filter
Noise Level (Indoor)	49 Decibels (Max)
Product Dimensions (Indoor Unit)	41.6D x 97W x 70H Centimeters
Item Weight	15 Kilograms
Voltage	230 Volts
Wattage	2000 Watts
Special Features	7-in-1 Convertible Mode, 4 Way Swing, EcoTough, Shield Blu+ Coating, 55°C Tested Operation

9. WARRANTY AND SUPPORT

Your Panasonic EU AC unit comes with comprehensive warranty coverage and dedicated customer support.

9.1 Warranty Information

- **Comprehensive Warranty:** 1 Year on the entire unit.
- **PCB Warranty:** 5 Years on the Printed Circuit Board.
- **ODU Casing Warranty:** 5 Years on the Outdoor Unit Casing.
- **Compressor Warranty:** 10 Years on the Compressor.

Please retain your purchase receipt for warranty claims. Warranty terms and conditions apply.

9.2 Customer Support

For technical assistance, service requests, or warranty inquiries, please contact Panasonic customer support:

- **Manufacturer:** Panasonic Life Solutions India Private Limited
- **Address:** 12th Floor, Ambience Tower I, Ambience Island NH-8, Gurgaon, Haryana-122002, India
- **Telephone:** +91-0124-487-1300

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