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› Panasonic EU Series 2 Ton 5 Star Inverter Split AC User Manual (Model CS/CU-EU24BKY5)

Panasonic CS/CU-EU24BKY5

Panasonic EU Series 2 Ton 5 Star Inverter Split AC User Manual

Model: CS/CU-EU24BKY5

1. INTRODUCTION

Thank you for choosing the Panasonic EU Series 2 Ton 5 Star Inverter Split Air Conditioner. This manual provides essential information for the safe and efficient operation, installation, and maintenance of your new air conditioning unit. Please read this manual thoroughly before using the appliance and retain it for future reference.

This air conditioner features Inverter Technology for energy-efficient cooling, a Twin Rotary Compressor for reliable performance, and a 7-in-1 Convertible mode for flexible cooling capacity. It also includes an Advanced Filtration System with Anti-Dust and PM0.1 filters for improved indoor air quality, and a durable Copper Condenser Coil with Shield Blu Plus coating for enhanced longevity.

2. IMPORTANT SAFETY INFORMATION

Always follow basic safety precautions when using electrical appliances to reduce the risk of fire, electric shock, and injury.

General Safety Precautions:

- **Professional Installation:** Installation, relocation, and maintenance of this unit must be performed by a qualified service technician. Improper installation can lead to electric shock, fire, or water leakage.
- **Power Supply:** Ensure the power supply voltage matches the rating label on the unit. Do not use damaged power cords or plugs.
- **Grounding:** The appliance must be properly grounded to prevent electric shock.
- **Flammable Refrigerant:** This unit uses R-32 refrigerant, which is mildly flammable. Ensure proper ventilation during installation and servicing.
- **Children and Pets:** Keep children and pets away from the unit during operation and maintenance. Do not allow children to play with the remote control.
- **Obstructions:** Do not insert fingers or objects into the air inlet or outlet. Do not block the airflow.
- **Cleaning:** Disconnect power before cleaning. Use a soft, dry cloth. Do not use water or liquid detergents directly on the unit.

3. PACKAGE CONTENTS

Verify that all the following items are included in your package:

- 1 x Indoor Unit
- 1 x Outdoor Unit
- 1 x Remote Control
- 1 x User Manual (this document)

4. PRODUCT OVERVIEW

Indoor Unit



The indoor unit is designed for quiet operation and efficient air distribution. It houses the evaporator coil, fan, and control electronics. The front panel features a hidden display for temperature and operational status. Air is drawn in from the top and front, and conditioned air is discharged from the bottom louvers.

Outdoor Unit



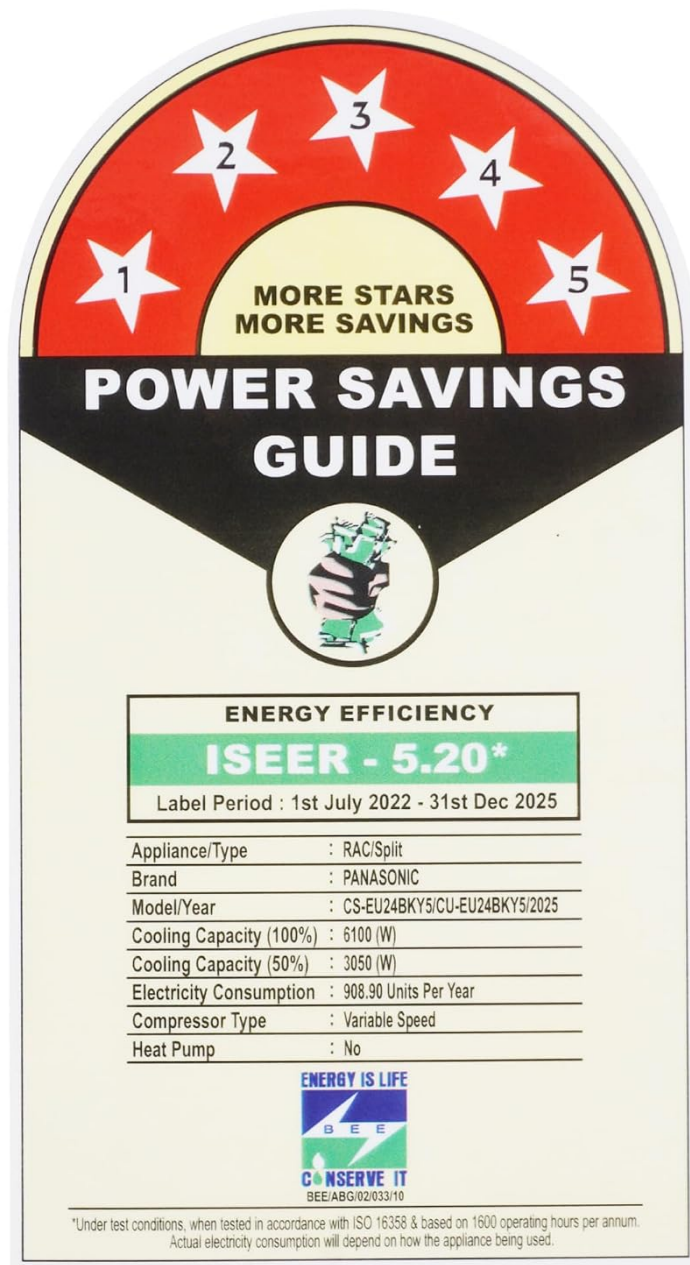
The outdoor unit contains the compressor, condenser coil, and outdoor fan. It is responsible for releasing heat to the outside environment during cooling operation. The unit is built with an ECOTough ODU Casing and Shield Blu+ Protection for enhanced durability against corrosion and harsh weather conditions.

Remote Control



The remote control allows you to operate all functions of the air conditioner, including power on/off, mode selection, temperature adjustment, fan speed, and air swing. Ensure the remote control is pointed towards the indoor unit's receiver when operating.

Energy Efficiency Label



This label provides information on the energy efficiency rating (5 Star BEE rating), cooling capacity, and annual energy consumption of the appliance, helping you understand its operational costs.

5. SETUP AND INSTALLATION

Installation of this air conditioning unit requires specialized knowledge and tools. To ensure safety and optimal performance, **installation must be performed by a qualified and authorized service technician.**

Key Installation Considerations:

- **Location:** Choose a location for both indoor and outdoor units that allows for proper airflow, drainage, and easy access for maintenance. Avoid direct sunlight or heat sources for the outdoor unit.
- **Mounting:** Ensure both units are securely mounted on a stable surface to prevent vibration and noise.
- **Refrigerant Piping:** Proper length and insulation of refrigerant pipes are crucial for efficiency.
- **Electrical Connection:** Connect to a dedicated power circuit with appropriate voltage and circuit breaker. The unit supports Stabilizer-Free Operation within a specified voltage range, but a stable power supply is always recommended.
- **Drainage:** Ensure proper drainage for condensate water from the indoor unit to prevent leaks.

6. OPERATING INSTRUCTIONS

Use the remote control to operate your air conditioner. Ensure the remote is pointed towards the indoor unit.

Basic Operation:

- **Power On/Off:** Press the **ON/OFF** button.
- **Mode Selection:** Press the **MODE** button to cycle through available modes:
 - **COOL:** For cooling the room.
 - **DRY:** For dehumidification.
 - **FAN:** For air circulation without cooling.
 - **AUTO:** The unit automatically selects the appropriate mode based on room temperature.
- **Temperature Adjustment:** Use the **TEMP UP/DOWN** buttons to set your desired temperature.
- **Fan Speed:** Press the **FAN SPEED** button to adjust the fan speed (Auto, Low, Medium, High).
- **Air Swing:** Press the **AIR SWING** button to activate or adjust the 4-way air swing feature, which ensures uniform air distribution throughout the room.

Special Features:

- **7-in-1 Convertible AC:** This feature allows you to adjust the cooling capacity of the AC to suit your needs, saving energy when full capacity is not required. Refer to the remote control or specific instructions for capacity adjustment settings.
- **Stabilizer-Free Operation:** The unit is designed to operate safely within a wide voltage range (e.g., 100V-290V), eliminating the need for an external stabilizer.
- **Humidity Control:** The AC can help manage indoor humidity levels, especially in Dry mode.
- **Sleep Mode:** Activates a quiet operation mode with gradual temperature adjustments for comfortable sleep.
- **Timer Function:** Set the unit to turn on or off automatically at specified times.

7. MAINTENANCE

Regular maintenance ensures optimal performance and extends the lifespan of your air conditioner. **Always disconnect power before performing any maintenance.**

Indoor Unit Maintenance:

- **Air Filter Cleaning:** The Anti-Dust and PM0.1 filters should be cleaned every two weeks or more frequently depending on usage and air quality.
 - Open the front panel of the indoor unit.
 - Remove the air filters.
 - Clean the filters with a vacuum cleaner or wash them gently with lukewarm water and mild detergent.
 - Rinse thoroughly and allow them to dry completely in a shaded area before reinstalling.
- **Unit Surface Cleaning:** Wipe the indoor unit's surface with a soft, dry cloth. For stubborn dirt, use a damp cloth with a neutral detergent, then wipe dry. Do not use harsh chemicals or abrasive cleaners.

Outdoor Unit Maintenance:

- **Coil Cleaning:** Periodically check the outdoor unit's condenser coil for dirt and debris. Gently clean with a soft brush or vacuum cleaner. Avoid bending the fins.
- **Clear Obstructions:** Ensure that there are no obstructions around the outdoor unit that could impede airflow.
- **Professional Check-up:** It is recommended to have a qualified technician perform an annual check-up and

deep cleaning of both units.

8. TROUBLESHOOTING

Before contacting service, please check the following common issues and solutions:

Problem	Possible Cause	Solution
AC does not turn on.	No power, circuit breaker tripped, remote control batteries low.	Check power supply, reset circuit breaker, replace remote batteries.
Insufficient cooling.	Dirty air filters, blocked outdoor unit, wrong mode selected, room too large.	Clean air filters, clear obstructions from outdoor unit, select COOL mode, ensure room size matches AC capacity.
Unusual noise.	Loose parts, unit not level, fan obstruction.	Check for loose screws, ensure unit is level, remove any fan obstructions. If noise persists, contact service.
Water leakage from indoor unit.	Blocked drain pipe, improper installation.	Check and clear the drain pipe. If issue persists, contact a qualified technician.
Remote control not working.	Batteries dead, remote not pointed at receiver, obstruction.	Replace batteries, ensure clear line of sight to indoor unit.

9. SPECIFICATIONS

Feature	Detail
Brand	Panasonic
Model Name	CS/CU-EU24BKY5
Capacity	2 Tons
BEE Star Rating	5 Star
Cooling Power	20814 British Thermal Units
Annual Energy Consumption	908.9 Kilowatt Hours Per Year
Seasonal Energy Efficiency Ratio (SEER)	5.20
Inverter Type	Has Inverter
Compressor Type	Rotary
Refrigerant	R-32
Filter Type	PM0.1 Filter, Anti-Dust Filter
Core Material	Copper
Noise Level (Indoor Unit)	36 Decibels

Feature	Detail
Special Features	7-in-1 Convertible AC, Cools even at 55°C with Higher Airflow, ECOTough ODU Casing, Shield Blu+ Protection, Stabilizer Free Operation, 4-Way Air Swing, Humidity Control
Product Dimensions (Indoor Unit D x W x H)	104D x 24.4W x 29.6H Centimeters
Item Weight	40 Kilograms (Total)
Voltage	230 Volts
Wattage	1530 Watts

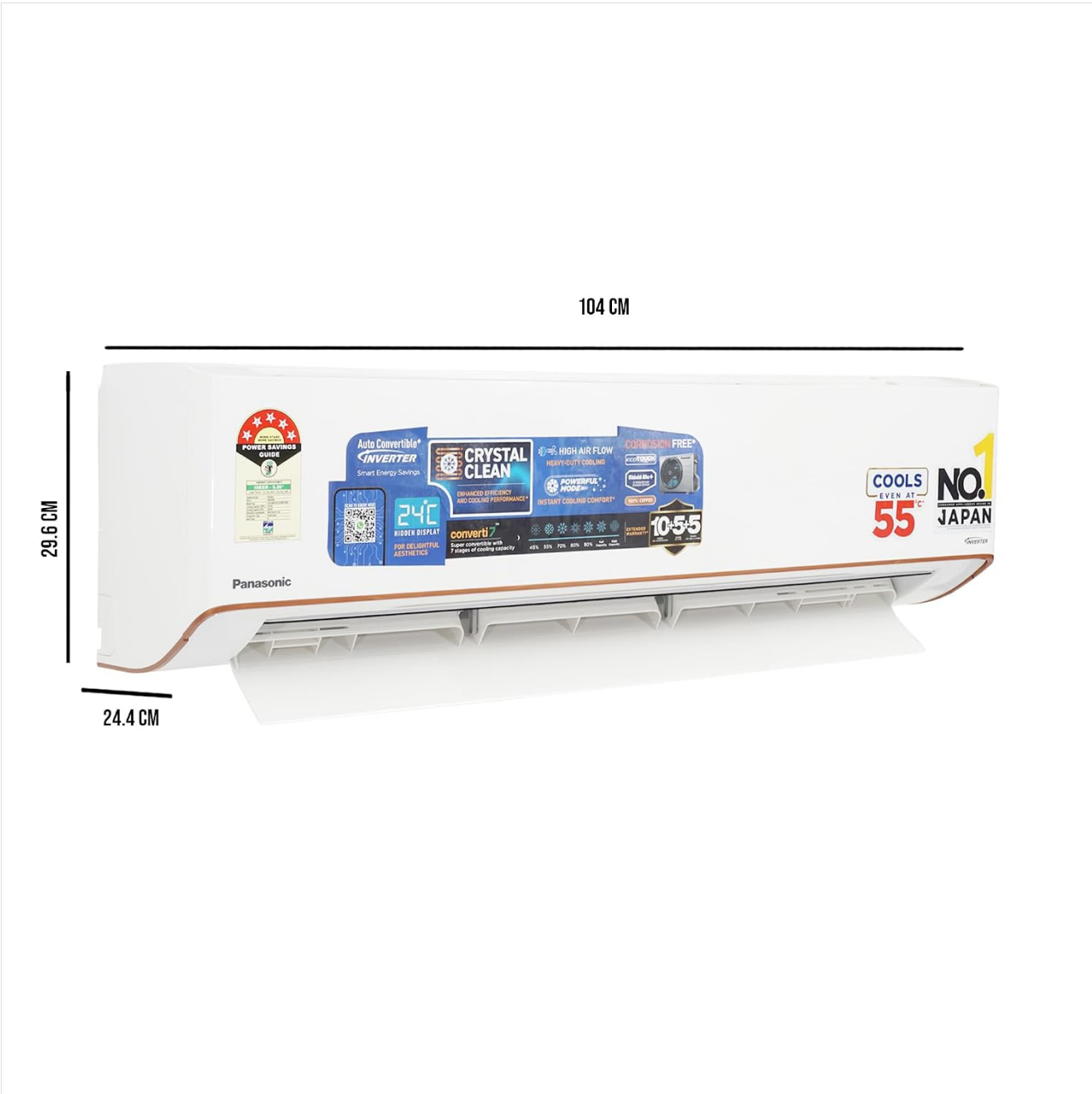


Image showing the dimensions of the indoor unit: 104 cm (width), 24.4 cm (depth), and 29.6 cm (height).

10. WARRANTY AND SUPPORT

Warranty Information:

Your Panasonic EU Series Air Conditioner comes with the following warranty coverage:

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

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

Customer Support:

For technical assistance, service requests, or any inquiries regarding your Panasonic air conditioner, please contact:

Panasonic Life Solutions India Private Limited

12th Floor, Ambience Tower I, Ambience Island NH-8,

Gurgaon, Haryana-122002, India

Tel: +91-0124-487-1300