

## Panasonic S-24PUB5H59B

# User Manual

## PANASONIC S-24PUB5H59B 2 TON NON-INVERTER CASSETTE AIR CONDITIONER

Model: S-24PUB5H59B

### 1. Introduction

The Panasonic S-24PUB5H59B is a 2 Ton, 3 Star rated non-inverter cassette-type air conditioner. It is designed for commercial and large residential spaces, offering an 8-way cooling system for uniform air distribution. Its ceiling-mounted design integrates seamlessly into various environments, maximizing floor and wall space while providing efficient cooling.

This manual provides essential information for the safe and efficient operation, installation, and maintenance of your Panasonic S-24PUB5H59B air conditioner. Please read it thoroughly before using the unit and keep it for future reference.

### 2. Safety Information

To prevent personal injury, property damage, or electric shock, always observe the following safety precautions:

- Ensure the unit is installed by a qualified and authorized service technician. Improper installation can lead to water leakage, electric shock, or fire.
- Do not attempt to repair, relocate, or modify the air conditioner yourself. Contact authorized service personnel for any repairs or maintenance.
- Always disconnect the power supply before cleaning or performing any maintenance on the unit.
- Do not insert fingers or foreign objects into the air inlet or outlet.
- Keep the remote control away from water and direct sunlight.
- Ensure proper grounding to prevent electric shock.
- Do not use flammable sprays near the unit.
- If any abnormal operation or sound occurs, immediately turn off the unit and disconnect the power supply. Contact customer support.

### 3. Package Contents

Verify that all items are present in the package:

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

## 4. Product Features

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The Panasonic S-24PUB5H59B air conditioner includes several features designed for comfort and efficiency:

- **Cooling Capacity:** 2.0 Ton / 6.5kW / 22,179 BTU, suitable for medium to large commercial spaces.
- **4-Way Cassette Design:** Ceiling-mounted unit provides uniform 360° airflow across the room.
- **Energy Efficiency:** 3-Star Rated with an ISEER of 4.0 for balanced performance and power savings.
- **Quiet Operation:** Indoor noise levels as low as 41 dB ensure a peaceful environment.
- **Airflow Control:** Adjustable high/mid/low airflow (1,350 / 1,100 / 1,000 CMH) for customized comfort.
- **Reliable Performance:** Operates effectively even in ambient temperatures up to 50°C.
- **User-Friendly Remote:** Comes with a wireless LCD remote control for ease of use.
- **Maintenance Alert:** Smart display shows “FC” when filter cleaning is needed.
- **Eco-Friendly Refrigerant:** Uses R-32 refrigerant, which has a low global warming potential.



*This image displays the indoor unit of the Panasonic S-24PUB5H59B Cassette Air Conditioner, designed for discreet ceiling installation to provide uniform cooling.*

## 5. Setup and Installation

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The Panasonic S-24PUB5H59B is a cassette-type air conditioner designed for "Through The Wall" installation, typically in a ceiling. Due to the complexity and specific requirements for refrigerant handling and electrical connections, professional installation by a certified technician is mandatory to ensure safe and optimal performance.

**Key Installation Considerations:**

- **Location:** Choose a location that allows for uniform air distribution and easy access for maintenance.
- **Electrical Requirements:** Ensure the electrical supply meets the unit's specifications (230 Volts, 1625 Watts).
- **Drainage:** Proper drainage for condensate water is crucial to prevent leaks.
- **Refrigerant Piping:** Installation involves handling R-32 refrigerant, which requires specialized tools and expertise.
- **Structural Support:** The ceiling structure must be able to support the weight of the indoor unit (40 Kilograms).

Refer to the detailed installation manual provided to your installer for specific instructions and diagrams.

## 6. Operating Instructions

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Your Panasonic S-24PUB5H59B air conditioner is controlled via a wireless LCD remote control. Familiarize yourself with the remote's functions for optimal use.

### Basic Operation:

1. **Power On/Off:** Press the **ON/OFF** button to start or stop the unit.
2. **Mode Selection:** Use the **MODE** button to cycle through available modes (e.g., Cool, Fan).
3. **Temperature Adjustment:** Use the **TEMP ▲ / ▼** buttons to set your desired temperature.
4. **Fan Speed:** Adjust the fan speed (High, Mid, Low) using the **FAN SPEED** button.
5. **Airflow Direction (Swing):** Activate the 4-way swing function using the **SWING** button to ensure even air distribution.

### Advanced Functions:

- **Timer Function:** Set the unit to turn on or off automatically at specific times. Refer to the remote control manual for detailed timer settings.
- **Sleep Mode:** Activates a quiet operation mode with gradual temperature adjustments for comfortable sleep.

For detailed instructions on all remote control functions, please refer to the separate remote control manual included with your unit.

## 7. Maintenance

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Regular maintenance ensures the longevity and efficiency of your air conditioner. Always disconnect the power supply before performing any maintenance.

### Filter Cleaning:

- The unit's smart display will show **"FC"** to indicate that filter cleaning is needed.
- Carefully open the grille of the indoor unit.
- Remove the air filters.
- Clean the filters using a vacuum cleaner or wash them with lukewarm water and a mild detergent. Rinse thoroughly and allow them to dry completely in a shaded area before re-installing.
- Re-install the dry filters and close the grille.

### General Cleaning:

- Wipe the exterior of the indoor and outdoor units with a soft, damp cloth. Do not use harsh chemicals or abrasive cleaners.
- Ensure the outdoor unit's coils are free from debris, leaves, and dirt to maintain optimal heat exchange.

For comprehensive cleaning and inspection, it is recommended to schedule professional servicing at least once a year.

## 8. Troubleshooting

If you encounter issues with your air conditioner, refer to the following common troubleshooting steps. If the problem persists, contact authorized service personnel.

- **Unit does not turn on:**

- Check if the power supply is connected and the circuit breaker has not tripped.
- Ensure the remote control batteries are not depleted and are inserted correctly.
- Verify that the remote control is pointed directly at the indoor unit's receiver.

- **Insufficient Cooling:**

- Check if the air filters are clean. Clogged filters restrict airflow.
- Ensure doors and windows are closed to prevent cool air from escaping.
- Verify that the temperature setting is appropriate for cooling.
- Check for obstructions around the outdoor unit that might hinder heat dissipation.

- **Unusual Noises:**

- A slight gurgling sound is normal due to refrigerant flow.
- If loud or unusual noises occur, turn off the unit immediately and contact service.

- **Water Leakage:**

- Ensure the drainage pipe is not blocked or kinked.
- If leakage persists, contact a professional technician.

## 9. Specifications

Feature	Specification
Brand	Panasonic
Model Name	S-24PUB5H59B
Capacity	2 Tons
Cooling Power	22179 British Thermal Units (6.5 kW)
Energy Rating	3 Star (ISEER 4.0)
Inverter Type	Non-Inverter (Fixed Speed)
Refrigerant	R-32
Noise Level (Indoor)	41 Decibels
Operation Range	Up to 50°C ambient temperature
Airflow Control	Adjustable High/Mid/Low (1,350 / 1,100 / 1,000 CMH)
Special Features	4 Way Swing, Easy Installation Design, Remote Controlled

Feature	Specification
Product Dimensions (D x W x H)	85D x 31W x 68.4H Centimeters
Item Weight	40 Kilograms
Power Source	Corded Electric
Voltage	230 Volts
Wattage	1625 Watts
Core Material	Copper
Installation Type	Through The Wall (Cassette)
Annual Energy Consumption	2600 Kilowatt Hours Per Year

## 10. Warranty and Support

**Warranty:** The Panasonic S-24PUB5H59B comes with a 5 Year Comprehensive Warranty. Please retain your purchase receipt for warranty claims.

**Customer Support:** For technical assistance, service requests, or warranty inquiries, please contact 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

For the most up-to-date support information, please visit the official Panasonic India website.