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## MITSUBISHI ELECTRIC EX-25SH9

# MITSUBISHI ELECTRIC EX-25SH9 Ventilation Fan User Manual

Model: EX-25SH9 | Brand: MITSUBISHI ELECTRIC

## 1. INTRODUCTION

This manual provides essential information for the safe and efficient installation, operation, and maintenance of your MITSUBISHI ELECTRIC EX-25SH9 Standard Ventilation Fan. Please read this manual thoroughly before using the product and keep it for future reference.

## 2. SAFETY INFORMATION

To ensure safe operation and prevent damage, observe the following precautions:

- Do not install this unit inside kitchen hoods.
- Do not use this unit in locations with strong winds.
- This unit is not suitable for use as a kitchen fan or in oily environments.
- When installing with a fire damper weather cover, ensure the wall thickness is at least 90mm. For steel plate walls, ensure a minimum thickness of 115mm.
- Ensure the power supply is disconnected before any installation or maintenance work.

## 3. PACKAGE CONTENTS

Verify that all items are present in the package:

- MITSUBISHI ELECTRIC EX-25SH9 Ventilation Fan Unit (1)
- Instruction Manual (1)

## 4. SPECIFICATIONS

Manufacturer	MITSUBISHI ELECTRIC
Model Number	EX-25SH9
Product Type	Standard Ventilation Fan

<b>Blade Diameter</b>	25 cm
<b>Shutter Type</b>	Pressure Shutter
<b>Control Type</b>	Pull Cordless (Wall Switch Operated)
<b>Mounting Type</b>	Wall Mount
<b>Material</b>	Alloy Steel (Fan body), Resin (Extra Winglet Fan)
<b>Power Source</b>	Single Phase
<b>Product Dimensions (D x W x H)</b>	39.6 cm x 13.5 cm x 39.6 cm
<b>Product Weight</b>	3.36 kg
<b>Special Features</b>	Thin body design, One-touch detachable blade, Antibacterial blade operating part, Stain-resistant orifice part

**Note:** The product dimensions are approximately 39.6 cm (depth from wall to front) x 13.5 cm (width of the main body) x 39.6 cm (height). The overall package dimensions are 43.4 x 43.29 x 16.4 cm.



This image shows the MITSUBISHI ELECTRIC EX-25SH9 ventilation fan from a side-front angle, highlighting its square design and the four-blade fan. Key dimensions are indicated: 39.6 cm for both width and height, and 13.5 cm for depth.

The fan is white with black internal components.

## 5. INSTALLATION (SETUP)

This ventilation fan is designed for wall-mount installation. For detailed step-by-step instructions, refer to the included Instruction Manual. Key features for installation include:

- **Thin Body Design:** Facilitates installation in various wall depths.
- **One-Touch Detachable Blade:** Simplifies the process of attaching and detaching the fan blade during installation and maintenance.
- Ensure proper electrical wiring by a qualified professional. The unit comes with a power cord and plug.
- Adhere to the wall thickness requirements if using a fire damper weather cover, as specified in the Safety Information section.

## 6. OPERATION

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The EX-25SH9 fan features a pressure shutter mechanism and is pull cordless, meaning it is typically controlled via a wall switch connected to its power supply.

- **Power On/Off:** Operate the fan using the dedicated wall switch connected to its power supply.
- **Pressure Shutter:** The shutter automatically opens when the fan is operating and closes when the fan is turned off, preventing drafts and insect entry when not in use.

## 7. MAINTENANCE

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Regular cleaning ensures optimal performance and longevity of your ventilation fan.

- **Disconnect Power:** Always turn off the power supply at the circuit breaker before performing any cleaning or maintenance.
- **Blade Cleaning:** The fan features a 'one-touch detachable' blade for easy removal and cleaning. Gently press the release mechanism to detach the blade. Clean with a soft cloth and mild detergent. Rinse thoroughly and ensure it is completely dry before reattaching.
- **Orifice Cleaning:** The orifice part has stain-resistant processing. Wipe clean with a damp cloth.
- **Antibacterial Properties:** The blade operating part has antibacterial specifications, contributing to a cleaner environment.
- Do not use abrasive cleaners, solvents, or harsh chemicals, as these may damage the fan's surfaces or components.

## 8. TROUBLESHOOTING

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If you encounter issues with your ventilation fan, consider the following basic troubleshooting steps:

- **Fan Not Operating:**
  - Check if the power supply is connected and the wall switch is in the 'ON' position.
  - Verify that the circuit breaker for the fan's power supply has not tripped.
- **Unusual Noise:**
  - Ensure the fan blade is securely attached and free from obstructions.
  - Check for any loose parts or debris inside the fan housing.
- **Shutter Not Opening/Closing Properly:**
  - Inspect the shutter for any physical obstructions or damage.
  - Ensure the fan is receiving adequate power to operate the pressure shutter mechanism.

If the problem persists after performing these checks, please consult a qualified technician or contact MITSUBISHI ELECTRIC customer support.

