

## Panasonic FV-08WQ1

# Panasonic FV-08WQ1 WhisperWall Bathroom Fan Instruction Manual

## 1. INTRODUCTION

The Panasonic FV-08WQ1 WhisperWall Bathroom Fan is a high-quality, through-the-wall ventilation solution designed to improve air quality and reduce humidity in rooms where ceiling-mounted fans are not feasible. This fan features a durable, permanently lubricated motor and a double-suction blower wheel for quiet and efficient operation. It is Energy Star qualified, ensuring energy efficiency and compliance with modern standards.

## 2. SAFETY INFORMATION

Please read all instructions carefully before installation and use. Failure to follow these instructions may result in electric shock, fire, or personal injury.

- Always disconnect power at the service panel before installing or servicing the fan.
- All wiring must comply with local and national electrical codes.
- This unit is designed for general ventilating use only. Do not use to exhaust hazardous or explosive materials and vapors.
- To reduce the risk of fire or electrical shock, do not expose this fan to water or rain.
- Ensure proper grounding.
- Do not install in a cooking area.

## 3. PACKAGE CONTENTS

Verify that all components are present before beginning installation:

- Fan Unit (Motor & Blower Assembly)
- Grille / Vent Cover
- Exterior Hood with Back-Draft Damper
- Installation Hardware (screws, etc.)

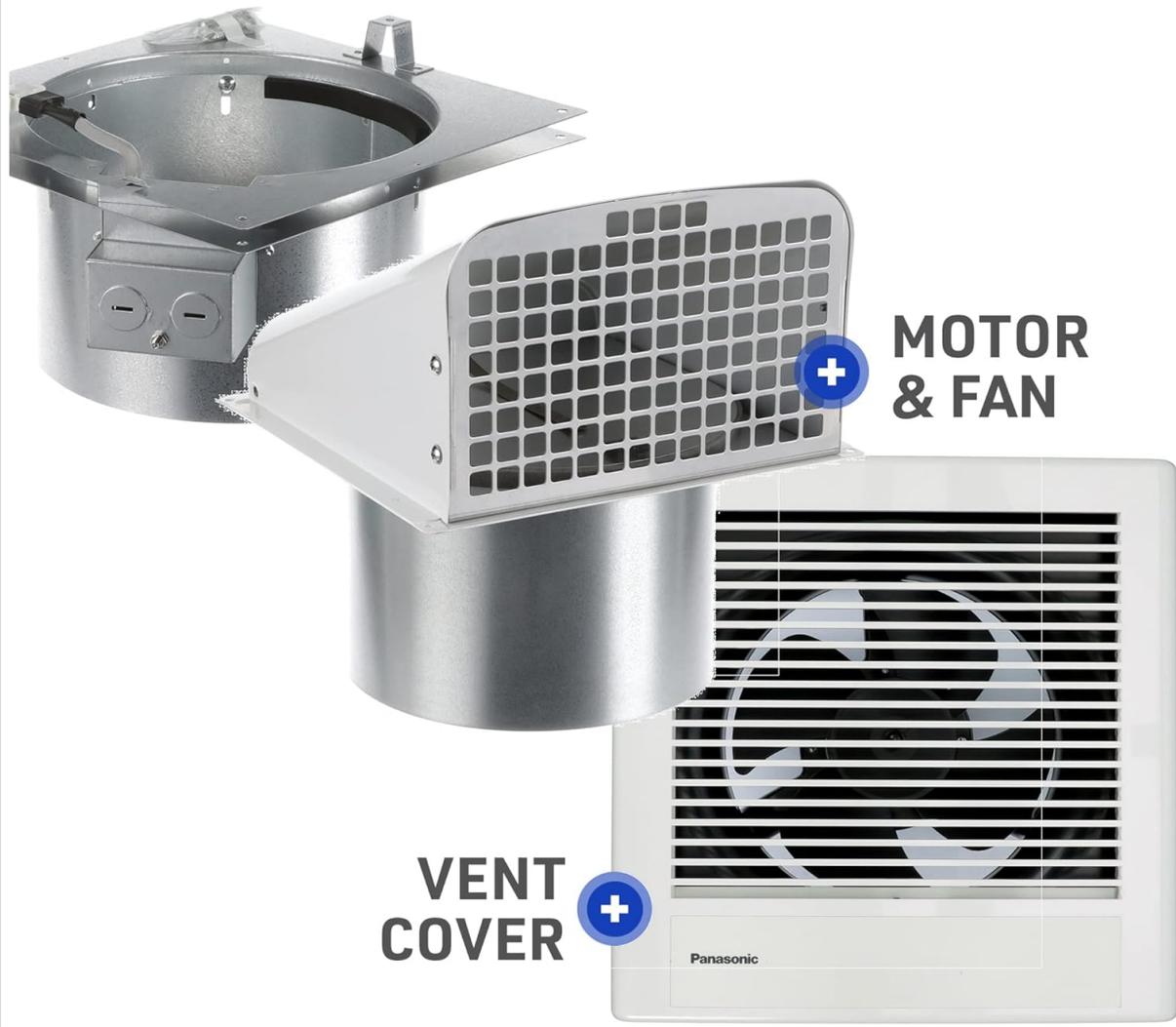


Figure 3.1: Exploded view showing the main components: Motor & Fan assembly, Vent Cover, and the exterior housing.

## 4. SETUP AND INSTALLATION

The FV-08WQ1 is designed for through-the-wall mounting and requires an 8-inch duct opening. Ensure the installation location allows for proper air exhaust to the outside.

### 4.1 Site Preparation

- Choose a wall location that is free from obstructions and allows for direct exhaust to the exterior.
- Cut an 8-inch diameter hole through the wall, ensuring it is level and plumb.
- Ensure adequate space for electrical wiring connections.

### 4.2 Mounting the Fan Unit

- Insert the fan housing into the prepared wall opening.
- Secure the housing to the wall studs or blocking using appropriate fasteners.
- Install the exterior hood on the outside wall, ensuring the back-draft damper operates freely.

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## **WHISPERWALL VENTILATION FAN**

*select speed 70 CFM*

**Figure 4.1:** The Panasonic FV-08WQ1 fan unit, showing the grille and duct connection for through-the-wall installation.

### **4.3 Electrical Connection**

- Connect the fan's wiring to the household electrical supply according to the wiring diagram provided in the full installation guide (not included here) and local electrical codes.
- Ensure all connections are secure and properly insulated.
- This fan operates on 120V AC.



Figure 4.2: The fan unit, confirming it is a ventilation-only model without an integrated light.

#### 4.4 Grille Installation

- Once the fan unit is secured and wired, attach the grille to the fan housing.
- Ensure the grille is flush with the wall surface for optimal appearance and performance.

### 5. OPERATING INSTRUCTIONS

The Panasonic FV-08WQ1 fan is designed for simple operation.

- **Power On/Off:** Operate the fan using a standard wall switch connected to the fan's electrical supply.
- **Continuous Operation:** This fan is designed for continuous, trouble-free operation, providing consistent ventilation.
- **Quiet Performance:** The WhisperWall fan operates at a low sound level, ensuring quiet air movement.

### 6. MAINTENANCE

Regular cleaning will ensure optimal performance and extend the life of your fan.

## 6.1 Grille Cleaning

- Disconnect power to the fan at the service panel.
- Carefully detach the grille from the fan unit.
- Wash the grille with a mild detergent and water. Rinse thoroughly and dry completely before reattaching.

## 6.2 Fan Blade and Housing Cleaning

- With the grille removed and power disconnected, gently wipe the fan blades and interior of the housing with a damp cloth.
- Do not allow water to enter the motor.
- The motor is permanently lubricated and does not require additional oiling.

## 7. TROUBLESHOOTING

If your fan is not operating correctly, refer to the following common issues and solutions:

| Problem              | Possible Cause  | Solution   |
|----------------------|---|--|
| Fan does not operate | No power supply; Loose wiring; Motor malfunction              | Check circuit breaker/fuse; Verify wiring connections; Contact qualified electrician or service center |
| Excessive noise      | Loose mounting; Debris in fan blades; Damaged motor/bearings  | Ensure fan is securely mounted; Clean fan blades and housing; Contact service center if noise persists |
| Reduced airflow      | Blocked grille/duct; Back-draft damper stuck; Fan motor issue | Clean grille and check duct for obstructions; Ensure damper moves freely; Contact service center       |

## 8. SPECIFICATIONS

| Feature           | Specification                  |
|-------------------|--------------------------------|
| Model Number      | FV-08WQ1                       |
| Air Flow Capacity | 70 Cubic Feet Per Minute (CFM) |
| Noise Level       | 1.1 Sones                      |
| Voltage           | 120.00 V                       |
| Wattage           | 18.00 W                        |
| Installation Type | Through-the-wall               |
| Special Feature   | Permanently Lubricated Motor   |
| Finish Type       | Painted                        |
| Color             | White                          |
| Specification Met | Energy Star                    |

| Feature     | Specification |
|-------------|---------------|
| Item Weight | 12.1 Pounds   |

## 9. WARRANTY INFORMATION

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Panasonic provides the following warranty for the FV-08WQ1 WhisperWall Bathroom Fan:

- **All Parts:** For a period of 3 years (36 months) from the date of original purchase.
- **DC Motor:** For a period of 6 years (72 months) from the date of original purchase.

Please retain your proof of purchase for warranty claims. For full warranty terms and conditions, refer to the documentation included with your product or visit the Panasonic website.

## 10. CUSTOMER SUPPORT

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For technical assistance, replacement parts, or warranty service, please contact Panasonic customer support. You can find contact information on the official Panasonic website or through the retailer where you purchased the product.

**Online Resources:** [www.panasonic.com](http://www.panasonic.com)