

## VELUX FS C04 2004

# VELUX FS C04 2004 Fixed Deck Mounted Skylight User Manual

Model: FS C04 2004

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## 1. INTRODUCTION

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The VELUX FS C04 2004 Fixed Deck Mounted Skylight is designed to introduce natural daylight into your living spaces. This non-vented skylight features advanced glass technology for energy efficiency and durability. This manual provides essential information for the proper installation, operation, and maintenance of your skylight.

### Key Features:

- Fixed, non-vented design for consistent daylighting.
- Laminated, double-pane, argon gas-filled Low E3 glass for safety and energy performance.
- Neat Glass Coating for reduced cleaning frequency and noise reduction.
- Qualifies for VELUX 10-year "No Leak" installation warranty when installed with VELUX flashing.

## 2. SETUP AND INSTALLATION

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Proper installation is crucial for the performance and longevity of your VELUX skylight. This skylight is designed for deck-mounted installation.

### 2.1 Pre-Installation Checks

- Ensure the roof pitch is between 14° and 85°.
- Verify that the rough opening dimensions in your roof match the skylight specifications (Rough Opening Width: 21", Rough Opening Height: 37-7/8").
- Obtain the correct VELUX flashing kit for your roofing material: EDL for shingles, EDW for tiles, or EDM for metal. **Flashing is required and sold separately.**
- Confirm all mounting hardware is present.

### 2.2 Installation Steps (Overview)

While detailed instructions are provided with the flashing kit, the general steps involve:

1. Prepare the rough opening in the roof structure according to the specified dimensions.
2. Install the skylight frame into the rough opening, ensuring it is level and square.

3. Secure the skylight frame using the provided mounting hardware.
4. Install the VELUX flashing system around the skylight frame, integrating it with the roofing material to ensure a watertight seal.
5. Install the glass unit into the frame.



Image 1: The bare frame of the VELUX FS C04 2004 skylight, ready for installation into the roof opening.



Image 2: Top view of the VELUX FS C04 2004 skylight, showing the frame and glass unit from above.



Image 3: Side profile of the VELUX FS C04 2004 skylight, illustrating its deck-mounted design and glass thickness.



Image 4: Close-up detail of the skylight frame, showing the interior finish and glass seating area.



Image 5: Detailed view of a corner of the skylight frame, highlighting the construction and sealing elements.

### 3. OPERATING INSTRUCTIONS

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As a fixed, non-vented skylight, the VELUX FS C04 2004 does not require active operation. Its primary function is to provide consistent natural light and enhance the aesthetic appeal of your space. The advanced glass technology works passively to maintain indoor comfort.

#### **Key Operational Benefits:**

- **Daylight Maximization:** Designed to bring ample natural light into rooms, reducing the need for artificial lighting during the day.
- **Energy Performance:** The double-pane, argon gas-filled Low E3 laminated glass helps to insulate your home, reducing heat transfer and contributing to energy savings year-round.
- **Noise Reduction:** The laminated glass construction helps to reduce unwanted outside noise,

contributing to a quieter indoor environment.

- **Neat Glass Coating:** This exterior coating uses sunlight to break down organic matter, allowing rain to wash it away, keeping the glass cleaner for longer.

## 4. MAINTENANCE

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Regular maintenance ensures the optimal performance and appearance of your VELUX skylight.

### 4.1 Glass Cleaning

- The exterior Neat Glass Coating is designed for low maintenance. For additional cleaning, use clean water and a soft cloth or sponge. Avoid abrasive cleaners or tools that could scratch the glass.
- For interior glass surfaces, use standard glass cleaner and a soft, lint-free cloth.

### 4.2 Frame and Flashing Inspection

- Periodically inspect the skylight frame and surrounding flashing for any signs of damage, wear, or debris accumulation.
- Clear any leaves, branches, or other debris that may collect around the skylight on the roof.
- Ensure that water can drain freely from around the skylight.

## 5. TROUBLESHOOTING

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Most issues with fixed skylights are related to installation or external factors. Here are some common concerns and potential solutions:

### 5.1 Water Leaks

- **Cause:** Improper flashing installation or damaged flashing.
- **Solution:** Inspect the flashing around the skylight from the exterior. Ensure all seals are intact and that the flashing is correctly integrated with the roofing material. Consult a professional roofer or VELUX certified installer if leaks persist.

### 5.2 Condensation on Interior Glass

- **Cause:** High indoor humidity combined with cold exterior temperatures.
- **Solution:** Improve ventilation in the room (e.g., use exhaust fans in bathrooms/kitchens, open windows). Ensure proper insulation around the skylight frame. While the Low E3 glass is designed to minimize condensation, extreme humidity differences can still cause it.

### 5.3 Exterior Glass Appears Dirty

- **Cause:** Accumulation of dust, pollen, or other environmental debris.
- **Solution:** The Neat Glass Coating is self-cleaning with sunlight and rain. If heavy soiling occurs or during dry periods, rinse with clean water.

## 6. SPECIFICATIONS

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Feature	Specification
Model Number	FS C04 2004

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Brand	VELUX
Skylight Type	Fixed, Non-Vented, Deck Mounted
Overall Width	21-1/2 inches
Overall Height	38-3/8 inches
Depth	4-1/2 inches
Rough Opening Width	21 inches
Rough Opening Height	37-7/8 inches
Minimum Roof Pitch	14 degrees
Maximum Roof Pitch	85 degrees
Glass Type	Laminated, Double-Pane, Argon Gas-Filled Low E3 with Neat Glass Coating
Material	Glass (main), Frame (unspecified, typically wood/PVC/aluminum)
Included Components	Mounting Hardware

## 7. WARRANTY AND SUPPORT

VELUX stands behind the quality of its products with comprehensive warranties.

### 7.1 Warranty Information

- 10-Year "No Leak" Installation Warranty:** This skylight qualifies for a 10-year "No Leak" installation warranty when installed with specified VELUX flashing (EDL, EDW, or EDM) on a roof pitch between 14° and 85°.
- 10-Year Hail Against Glass Breakage Warranty:** The laminated glass is covered against breakage due to hail for 10 years.

For full warranty details and terms, please refer to the official VELUX warranty documentation provided with your product or visit the VELUX website.

### 7.2 Customer Support

If you have questions regarding installation, operation, maintenance, or warranty claims, please contact VELUX customer support. Contact information can typically be found on the VELUX official website or on the product packaging.