

## Manuals+

[Q & A](#) | [Deep Search](#) | [Upload](#)

manuals.plus /

› [FAAC](#) /

› [FAAC Roller Shutter Motor 109950 User Manual](#)

## FAAC 109950

# FAAC Roller Shutter Motor

MODEL: 109950

## Introduction

---

This manual provides essential information for the safe and efficient installation, operation, and maintenance of your FAAC Roller Shutter Motor, Model 109950. This motor is designed for roller shutters with a maximum lifting capacity of 170 kg. Please read these instructions carefully before proceeding with any installation or operation.

## Safety Instructions

---

- **Electrical Safety:** Installation and electrical connections must be performed by qualified personnel in accordance with local electrical codes and regulations. Disconnect power before any installation, maintenance, or repair work.
- **Mechanical Safety:** Ensure the roller shutter system is in good working order and properly balanced before installing the motor. Moving parts can cause injury; keep hands and loose clothing clear during operation.
- **Children and Pets:** Keep children and pets away from the operating area of the roller shutter. Do not allow them to play with controls.
- **Environmental Conditions:** Do not expose the motor to excessive moisture, dust, or extreme temperatures beyond its specified operating range.
- **Intended Use:** This motor is designed exclusively for operating roller shutters. Any other use is considered improper and may void the warranty and cause damage or injury.

## Package Contents

---

Verify that all components are present and undamaged upon unpacking:

- FAAC Roller Shutter Motor (Model 109950)
- Mounting brackets and hardware (specific to application)
- Limit switch adjustment tool
- Instruction Manual (this document)

## Technical Specifications

---



Image: FAAC Roller Shutter Motor 109950. This image shows the general appearance of the motor unit.

Feature	Specification
Manufacturer	FAAC
Model Number	109950
Item Weight	7 kg
Maximum Lifting Capacity	170 kg
ASIN	B08VGVZ2LM
First Available Date	February 12, 2021
Guaranteed Software Updates Until	Unknown

## Setup and Installation

**Important:** Installation should only be carried out by a qualified technician. Incorrect installation can lead to serious injury or damage to the product and property.

- 1. Preparation:** Ensure the roller shutter is correctly installed and operates smoothly manually. Verify that the mounting area is structurally sound and capable of supporting the motor's weight and operational forces.
- 2. Mounting the Motor:** Securely attach the motor to the roller shutter shaft using the provided mounting brackets and hardware. Ensure the motor is level and aligned correctly with the shaft.
- 3. Electrical Connection:** Connect the motor to the main power supply according to the wiring diagram provided with the motor (not included in this general manual). Ensure all connections are secure and insulated. A dedicated circuit breaker is recommended.
- 4. Limit Switch Adjustment:** The motor features adjustable limit switches to define the upper and lower travel limits of the roller shutter. Use the provided adjustment tool to set these limits precisely. Refer to the specific wiring diagram and motor instructions for detailed steps on setting the 'up' and 'down' limits.
- 5. Testing:** After installation and limit switch adjustment, perform several test cycles to ensure the shutter operates correctly and stops precisely at the set limits. Observe for any unusual noises or movements.

## Operation

The FAAC Roller Shutter Motor is typically operated via a wall switch, remote control, or integrated smart home system (depending on the control unit connected to the motor). Always ensure the path of the roller shutter is clear before operation.

- **Opening the Shutter:** Press the 'UP' button on your control device. The shutter will move upwards until it reaches the pre-set upper limit.
- **Closing the Shutter:** Press the 'DOWN' button on your control device. The shutter will move downwards until it reaches the pre-set lower limit.
- **Stopping the Shutter:** Press the 'STOP' button (if available) or the opposite direction button during movement to halt the shutter at any desired position.

## Maintenance

Regular maintenance ensures the longevity and reliable operation of your FAAC motor.

- **Annual Inspection:** Have a qualified technician inspect the motor and roller shutter system annually. Check for wear and tear on cables, mounting hardware, and the shutter itself.
- **Cleaning:** Keep the motor housing clean and free from dust and debris. Use a soft, dry cloth. Do not use abrasive cleaners or solvents.
- **Lubrication:** The motor itself is generally maintenance-free. However, ensure the roller shutter's moving parts (e.g., guides, bearings) are clean and lubricated as per the shutter manufacturer's recommendations.
- **Limit Switch Check:** Periodically verify that the upper and lower limit switches are still correctly set and the shutter stops precisely at the desired positions. Readjust if necessary.

## Troubleshooting

Before contacting technical support, review the following common issues and solutions:

Problem	Possible Cause	Solution
---------	----------------	----------

Problem	Possible Cause	Solution
Motor does not respond to controls.	No power supply; Faulty control unit; Motor thermal overload.	Check power connection and circuit breaker. Test control unit. Allow motor to cool down for 15-20 minutes.
Shutter stops before reaching limits or overruns.	Incorrect limit switch settings; Obstruction in shutter path.	Readjust limit switches according to installation instructions. Clear any obstructions.
Unusual noise during operation.	Worn components in shutter mechanism; Motor issue.	Inspect roller shutter components for wear. If noise persists, contact a qualified technician.
Shutter moves slowly or with difficulty.	Friction in shutter guides; Shutter mechanism imbalance; Motor under strain.	Clean and lubricate shutter guides. Have a technician inspect the shutter balance and motor.

If the problem persists after attempting these solutions, please contact FAAC technical support or a qualified service technician.

## Warranty and Support

---

FAAC products are covered by a manufacturer's warranty against defects in materials and workmanship. The specific terms and duration of the warranty may vary by region and product. Please refer to the warranty card included with your product or visit the official FAAC website for detailed warranty information.

For technical assistance, spare parts, or warranty claims, please contact your local FAAC distributor or customer support. Ensure you have your product model number (109950) and purchase date available when contacting support.