

## FAAC 400 CBAC EG

# FAAC 400 CBAC EG Swing Gate Opener Instruction Manual

Model: 400 CBAC EG

### INTRODUCTION

This manual provides essential information for the safe and efficient installation, operation, and maintenance of your FAAC 400 CBAC EG Swing Gate Opener. Please read this manual thoroughly before proceeding with any installation or operation to ensure proper function and to prevent potential hazards.

### IMPORTANT SAFETY INFORMATION

- **Professional Installation Recommended:** Due to the complexity and safety requirements, installation should be performed by qualified personnel.
- **Read All Instructions:** Before installation or use, carefully read and understand all instructions provided in this manual.
- **Keep Clear of Moving Gate:** Never allow children or pets near the gate area. Keep hands and feet clear of the gate's path during operation.
- **Emergency Stop:** Ensure you know how to stop the gate opener in an emergency.
- **Electrical Safety:** Disconnect power before performing any service or maintenance. All electrical connections must comply with local codes and regulations.
- **Regular Inspection:** Periodically inspect the gate opener and gate for signs of wear, damage, or improper operation.

### PRODUCT OVERVIEW AND FEATURES

The FAAC 400 CBAC EG is a versatile hydraulic swing gate operator designed for various applications, from residential to light commercial use. It is engineered for reliable and quiet operation.



*Figure 1: The FAAC 400 CBAC EG Swing Gate Opener, a silver-colored hydraulic arm with a black manual release mechanism.*

### Key Features:

- **Hydraulic Operation:** Provides smooth and powerful gate movement.
- **Hydraulic Lock:** Securely locks the gate in both open and closed positions.
- **Quiet Performance:** Designed for low-noise operation.
- **Self-Lubricating:** Engineered for extended lifespan with minimal maintenance.
- **Key-Protected Manual Release:** Allows for manual gate operation during power outages or emergencies.
- **Power Source:** Operates on 115VAC.
- **Versatile Application:** Suitable for residential and light commercial swing gates up to 16 feet long and 1,300 lbs.

## SETUP AND INSTALLATION

The installation of the FAAC 400 CBAC EG Swing Gate Opener requires specialized knowledge and adherence to safety standards. It is strongly recommended that installation be performed by a certified professional.

### General Guidelines:

- **Site Preparation:** Ensure the gate structure is sound and capable of supporting the operator's weight and forces. Clear the gate's path of any obstructions.
- **Mounting:** Mount the operator securely to the gate post and gate frame according to the detailed instructions provided in the full installation guide (not included in this general manual). Proper alignment is crucial for smooth operation.
- **Electrical Connection:** Connect the operator to a dedicated 115VAC power source. All wiring must comply with local electrical codes. Ensure proper grounding.
- **Control Unit Integration:** If integrating with a control board for a dual gate system or a new installation, follow the control unit's specific wiring diagrams and programming instructions. This operator can be used to convert a single gate kit into a dual master/slave system or as a replacement unit.
- **Safety Devices:** Install all required safety devices, such as photo-electric sensors and safety edges, to prevent entrapment and ensure safe operation.

Refer to the comprehensive installation manual provided with your complete gate opener system for detailed, step-by-step instructions and diagrams.

## OPERATING INSTRUCTIONS

Once properly installed and configured, the FAAC 400 CBAC EG Swing Gate Opener operates automatically or via a control device (e.g., remote control, keypad).

### Normal Operation:

- **Automatic Cycle:** Activate the gate opener using your chosen control device. The gate will open or close smoothly.
- **Hydraulic Lock:** The integrated hydraulic lock will engage automatically when the gate reaches its fully open or closed position, securing it without the need for additional locking mechanisms.
- **Obstruction Detection:** The system is designed to detect obstructions. If an obstruction is encountered, the gate should stop or reverse. Always ensure the gate path is clear.

### Manual Release (Emergency Operation):

In the event of a power failure or system malfunction, the gate can be operated manually using the key-protected release mechanism.

1. Locate the manual release mechanism on the operator (refer to Figure 1 for general location).
2. Insert the provided key into the lock and turn it to disengage the hydraulic lock.
3. Carefully push or pull the gate to open or close it manually.
4. To re-engage automatic operation, re-lock the mechanism with the key and ensure power is restored.

## MAINTENANCE

Regular maintenance ensures the longevity and optimal performance of your FAAC 400 CBAC EG Swing Gate Opener. While the unit is self-lubricating, periodic checks are recommended.

- **Visual Inspection (Monthly):** Check for any signs of wear, corrosion, or damage to the operator, mounting brackets, and gate hinges. Ensure all fasteners are tight.
- **Gate Path Clearance:** Regularly clear the gate's path of any debris, vegetation, or obstructions.
- **Safety Device Check (Monthly):** Test all safety devices (e.g., photo-electric sensors) to ensure they are functioning correctly.
- **Professional Service (Annually):** It is recommended to have a qualified technician perform an annual inspection and service to check hydraulic fluid levels, seals, and overall system health.
- **Cleaning:** Keep the exterior of the operator clean from dirt and grime. Do not use harsh chemicals.

## TROUBLESHOOTING

This section provides basic troubleshooting steps for common issues. For complex problems, contact a qualified technician.

- **Gate Not Responding:**

- Check if the power supply to the operator is active.
  - Ensure the manual release mechanism is fully engaged (locked).
  - Verify that remote controls or other activation devices have working batteries and are within range.
  - Inspect safety sensors for obstructions or misalignment.
- **Gate Stops Mid-Cycle:**
    - Check for physical obstructions in the gate's path.
    - Inspect safety sensors for activation or malfunction.
    - Ensure the gate moves freely when in manual release mode, indicating no mechanical binding.
  - **Unusual Noises:**
    - Perform a visual inspection for loose components or signs of wear.
    - Contact a professional technician for diagnosis of internal hydraulic or mechanical issues.

If these steps do not resolve the issue, contact FAAC customer support or a certified service technician.

## SPECIFICATIONS

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|-------------------|--|
| Model             | 400 CBAC EG  |
| Manufacturer      | FAAC   |
| Power Source      | 115VAC   |
| Operating Voltage | 115VAC   |
| Max Gate Length   | 16 feet  |
| Max Gate Weight   | 1,300 lbs  |
| Material          | Metal, Stainless Steel   |
| Color             | Silver   |
| Recommended Uses  | Residential, Commercial, Industrial, Apartment, Subdivision, Condo |
| Specification Met | UL   |

## WARRANTY AND SUPPORT

### Warranty Information:

The FAAC 400 CBAC EG Swing Gate Opener comes with a **3-Year Limited Manufacturer Warranty**. This warranty covers defects in materials and workmanship under normal use. Please retain your proof of purchase for warranty claims.

For full details regarding warranty terms, conditions, and exclusions, please refer to the official warranty documentation provided with your product or contact FAAC directly.


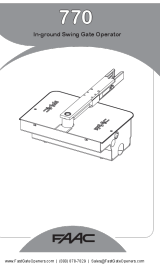


## Customer Support:



For technical assistance, troubleshooting beyond this manual, or warranty service, please contact FAAC customer support. Have your product model number (400 CBAC EG) and purchase information ready when contacting support.

*Contact information for FAAC can typically be found on their official website or in the packaging materials.*

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## Related Documents - 400 CBAC EG

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|  <p>400<br/>Hydraulic Swing Gate Operator</p> <p>FAAC</p>            | <p><a href="#">FAAC 400 Series Swing Gate Automation System: Installation and User Manual</a></p> <p>Comprehensive installation, safety, operation, and maintenance guide for the FAAC 400 series hydraulic automation systems designed for swing gates. Covers technical specifications, dimensions, installation procedures, safety instructions, manual operation, and troubleshooting.</p>   |
|  <p>770<br/>In-Ground Swing Gate Operator</p> <p>FAAC</p>           | <p><a href="#">FAAC 770 In-Ground Swing Gate Operator: Installation, Control Board, and Maintenance Manual</a></p> <p>This manual provides comprehensive instructions for the FAAC 770 in-ground swing gate operator, covering installation, safety guidelines, the E024U control board, programming, maintenance, spare parts, and warranty. It details technical specifications and operational logic for automated vehicular swing gates.</p> |
|  <p>S418<br/>Electromechanical Swing Gate Operator</p> <p>FAAC</p> | <p><a href="#">FAAC S418 Electromechanical Swing Gate Operator Installation and Operation Manual</a></p> <p>Comprehensive guide for the FAAC S418 Electromechanical Swing Gate Operator, covering installation, operation, maintenance, safety precautions, and technical specifications. Includes details on the E024U control board and accessories.</p>   |
|  <p>S418<br/>Swing Gate Operator</p> <p>FAAC</p>                   | <p><a href="#">FAAC S418 Swing Gate Operator - Installation and Operation Manual</a></p> <p>Comprehensive guide for the FAAC S418 electromechanical swing gate operator, covering installation, technical specifications, safety precautions, operation, maintenance, and control board details.</p>   |

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|  The image shows the front cover of the FAAC 402 Hydraulic Swing Gate Operator manual. At the top, the number '402' is prominently displayed in a large, bold font, with 'Hydraulic Swing Gate Operator' written in a smaller font directly below it. The central part of the cover features a photograph of the operator unit, which is a long, cylindrical device with a green and silver finish. Below the photo is a small circular logo. At the bottom of the cover, the FAAC logo is visible, along with the company's website 'www.faac.com' and contact information: '1 800 475 7423' and 'usa@faac.com'.              | <p><a href="#"><u>FAAC 402 Hydraulic Swing Gate Operator - Installation, Operation, and Safety Manual</u></a></p> <p>Comprehensive guide for the FAAC 402 Hydraulic Swing Gate Operator, covering installation, operation, safety precautions, programming the 455D control board, maintenance, and troubleshooting. Includes technical specifications and spare parts.</p> |
|  The image shows the front cover of the FAAC 390 Articulated Arm Swing Gate Operator manual. At the top, the number '390' is prominently displayed in a large, bold font, with 'Articulated Arm Swing Gate Operator' written in a smaller font directly below it. The central part of the cover features a photograph of the operator unit, which is a long, cylindrical device with a green and silver finish. Below the photo is a small circular logo. At the bottom of the cover, the FAAC logo is visible, along with the company's website 'www.faac.com' and contact information: '1 800 475 7423' and 'usa@faac.com'. | <p><a href="#"><u>FAAC 390 Articulated Arm Swing Gate Operator Manual</u></a></p> <p>Comprehensive installation, operation, and safety manual for the FAAC 390 Articulated Arm Swing Gate Operator. Includes technical specifications, electrical diagrams, programming details, and maintenance guidelines.</p>  |