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› Arlington FB412 Fan and Fixture Mounting Box User Manual

ARLINGTON FB412

Arlington FB412 Fan and Fixture Mounting Box User Manual

Model: FB412

1. INTRODUCTION

This manual provides comprehensive instructions for the installation, operation, and maintenance of the Arlington FB412 Fan and Fixture Mounting Box. The FB412 is designed to securely mount ceiling fans and light fixtures in residential and commercial applications, accommodating various drywall thicknesses.

2. SAFETY INFORMATION

WARNING: To reduce the risk of fire, electric shock, or personal injury, always follow these safety precautions:

- Always turn off power at the circuit breaker or fuse box before beginning installation.
- Installation should be performed by a qualified electrician or a person with a thorough understanding of electrical wiring and building codes.
- Ensure all wiring connections are secure and comply with local electrical codes.
- Do not exceed the maximum load ratings specified for this product.
- Wear appropriate personal protective equipment, such as safety glasses and gloves, during installation.

3. PACKAGE CONTENTS

The Arlington FB412 Fan and Fixture Mounting Box package includes:

- One (1) Arlington FB412 Fan and Fixture Mounting Box
- Integrated, pre-installed mounting screws

4. PRODUCT FEATURES

- Manufactured in the USA.
- Features shipped-in-place screws for quick and easy installation, eliminating loose parts.
- UL rated for up to a 70-pound fan and a 200-pound fixture.
- CSA rated for up to a 50-pound fan/fixture.
- Designed to accommodate 1/2-inch or 5/8-inch drywall, with or without furring strips or hat channel.
- Durable plastic construction.

5. INSTALLATION INSTRUCTIONS

Follow these steps for proper installation of the FB412 mounting box:

1. **Prepare the Installation Area:** Ensure power to the installation area is turned off at the main circuit breaker. Locate the desired mounting position for the fan or fixture.
2. **Cut Drywall Opening:** Carefully cut a circular opening in the drywall that matches the diameter of the FB412 box. Ensure the opening is clean and precise for a flush fit.
3. **Route Wiring:** Pull the electrical wiring through the opening in the drywall, ensuring sufficient length for connections.
4. **Position the Box:** Insert the FB412 box into the drywall opening. The integrated legs on the box are designed to secure it against the drywall. The box is compatible with 1/2-inch or 5/8-inch drywall.
5. **Secure the Box:** The shipped-in-place screws are designed to expand and secure the box firmly to the drywall. Tighten these screws until the box is snug and stable. The mud cover, visible on the front of the box, protects the internal components during drywall finishing and can be removed using a screwdriver in the designated slot.
6. **Connect Wiring:** Once the box is securely mounted, proceed with connecting the fan or fixture wiring according to the manufacturer's instructions and local electrical codes.
7. **Mount Fan/Fixture:** Attach the fan or fixture to the FB412 box using the provided mounting hardware from the fan/fixture manufacturer, ensuring it is securely fastened to the integrated screws within the box.



Figure 1: Arlington FB412 Fan and Fixture Mounting Box. This image displays the Arlington FB412 Fan and Fixture Mounting Box. It is a black, circular electrical box designed for mounting fans and fixtures. The top surface shows a white 'MUD COVER' with 'ARLINGTON IND. INC.' and 'SCREWDRIVER REMOVAL-SLOT' printed on it, along with two integrated screws. Two cylindrical extensions are visible on the underside, indicating its design for flush mounting.

6. OPERATION

The Arlington FB412 is a passive mounting component. Its operation involves providing a secure and compliant attachment point for ceiling fans and light fixtures. Once installed and the fan/fixture is attached, the box itself does not require active operation. The functionality of the fan or fixture will depend on its own controls and electrical connections.

7. MAINTENANCE

The FB412 mounting box is designed for long-term, maintenance-free operation. No routine maintenance is required for the box itself. However, it is recommended to periodically inspect the fan or fixture attached to the box for any signs of loosening or damage to its mounting hardware or electrical connections. If any issues are observed, consult a qualified electrician.

8. TROUBLESHOOTING

If you encounter issues related to the mounting of your fan or fixture, consider the following:

- **Loose Fan/Fixture:** Ensure that the mounting screws securing the fan or fixture to the FB412 box are tightened appropriately. Do not overtighten.
- **Electrical Issues:** If the fan or fixture is not receiving power, verify that the power is on at the circuit breaker and that all electrical connections within the box are secure and correctly wired. Consult a qualified electrician for electrical troubleshooting.
- **Box Not Secure:** If the FB412 box itself feels loose in the drywall, re-check the tightness of its integrated mounting screws. Ensure the drywall opening was cut to the correct size.

9. SPECIFICATIONS

Manufacturer	Arlington Industries Inc.
Model Number	FB412-1
Part Number	FB412-1
Material	Plastic
Color	Black
Item Weight	0.8 ounces
Product Dimensions	3 x 4.25 x 4.25 inches
Installation Method	Screw
UL Rating (Fan)	70 pounds
UL Rating (Fixture)	200 pounds
CSA Rating (Fan/Fixture)	50 pounds
Drywall Accommodation	1/2-inch or 5/8-inch

10. WARRANTY AND SUPPORT

For warranty information or technical support regarding the Arlington FB412 Fan and Fixture Mounting Box, please contact Arlington Industries Inc. directly through their official website or customer service channels. Specific warranty terms may vary.