Sloan ETF-735-A

Sloan ETF-735-A Splash Proof Junction Box Instruction Manual

Model: ETF-735-A (Part No. 0365752)

1. Product Overview

The Sloan ETF-735-A is a splash-proof junction box and 6 VDC control module designed as a replacement part for Sloan Optima EBF style sensor faucets. This module is essential for the proper functioning of the faucet's sensor, allowing for adjustments to the sensor range and timeout settings via internal dip switches and a range potentiometer.

Image 1.1: Front view of the Sloan ETF-735-A Splash Proof Junction Box.

2. Key Features

- **Splash-Proof Design:** Engineered to resist splashes, ensuring durability in commercial restroom environments.
- **6 VDC Control Module:** Provides reliable power and control for sensor faucet operations.
- **Adjustable Settings:** Features internal dip switches and a range potentiometer for customizing sensor range and timeout.
- **OEM Replacement Part:** Ensures compatibility and optimal performance with Sloan Optima EBF faucets.

3. Installation

Installation of the ETF-735-A junction box should be performed by a qualified professional to ensure proper function and compliance with local codes. This module is specifically designed for use with Sloan Optima EBF sensor faucets.

1. **Safety First:** Before beginning installation, ensure the water supply to the faucet is turned off and the power supply to the existing control module is disconnected.
2. **Access Existing Module:** Locate and carefully open the housing of the existing control module.
3. **Disconnect Wiring:** Disconnect all wiring from the old control module, noting the connections for reinstallation.
4. **Install New Module:** Connect the new ETF-735-A module following the manufacturer's wiring diagram for your specific Sloan Optima EBF faucet model.
5. **Secure Module:** Place the new module securely within its designated location.
6. **Restore Power and Water:** Once all connections are secure and the module is properly housed, restore power and water supply.

Image 3.1: The ETF-735-A module opened, revealing the circuit board and battery compartment.

4. Operating Instructions

The ETF-735-A control module manages the sensor functionality of your Sloan Optima EBF faucet. After installation, you may need to adjust the sensor's range and timeout settings to suit the specific

environment.

1. **Access Settings:** Carefully open the splash-proof housing of the ETF-735-A module.
2. **Adjust Sensor Range:** Locate the range potentiometer (often a small blue or white dial) on the circuit board. Use a small screwdriver to turn the potentiometer clockwise to increase the sensor range or counter-clockwise to decrease it. Test the range after each adjustment.
3. **Adjust Timeout Settings:** Identify the dip switches on the circuit board. Refer to your specific faucet's documentation for the correct dip switch configurations to adjust the timeout duration (how long the water flows after the sensor is no longer active).
4. **Close Housing:** Once adjustments are complete, ensure the housing is securely closed to maintain its splash-proof integrity.

Image 4.1: Detailed view of the control module's circuit board, highlighting the range potentiometer and dip switches for adjustment.

5. Maintenance

To ensure the longevity and optimal performance of your Sloan ETF-735-A control module and connected faucet, follow these maintenance guidelines:

- **Regular Inspection:** Periodically inspect the module and its connections for any signs of wear, damage,

or moisture intrusion.

- **Battery Replacement:** If your faucet is battery-powered, replace batteries as needed. Refer to your faucet's manual for battery type and replacement frequency.
- **Use Genuine Parts:** For any repairs or replacements, always use Sloan Genuine Parts to maintain product integrity and warranty.
- **Keep Clean:** Ensure the exterior of the junction box is kept clean and free from debris that could compromise its splash-proof seal.

6. Troubleshooting

If you experience issues with your Sloan Optima EBF faucet after installing the ETF-735-A module, consider the following common troubleshooting steps:

- **No Water Flow:**
  - Check power supply to the module.
  - Verify water supply is turned on.
  - Inspect all wiring connections for security.
- **Continuous Water Flow:**
  - Check sensor range settings; it might be too sensitive.
  - Ensure no obstructions are in the sensor's field of view.
- **Intermittent Operation:**
  - Check for loose connections.
  - Verify battery strength if applicable.
  - Ensure the sensor lens is clean.

For persistent issues, contact Sloan technical support or a qualified plumbing professional.

7. Specifications

Specification	Detail
Model Number	ETF-735-A (Part No. 0365752)
Power Input	6 VDC
Material	Brass, Stainless Steel (for associated faucet components)
Item Dimensions (L x W x H)	4.25 x 5.38 x 4.25 inches
Item Weight	8.8 ounces
Compatibility	Sloan Optima EBF Sensor Faucets
Features	Splash-proof, adjustable sensor range and timeout

8. Official Product Video

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Video 8.1: An official video from Sloan Marketplace showcasing Sloan Genuine Parts, including components relevant to the ETF-735-A module. This video highlights the quality and design of Sloan replacement parts.

9. Warranty and Support

Sloan products are manufactured to high standards and are backed by a manufacturer's warranty. For specific warranty details, please refer to the documentation included with your original Sloan faucet or visit the official Sloan website.

For technical assistance, troubleshooting beyond this manual, or to inquire about genuine replacement parts, please contact Sloan customer support. Contact information can typically be found on the Sloan website or on the product packaging.

Using non-genuine parts may void your product warranty and could lead to improper operation or damage.