

Sloan SF-2400

Sloan SF-2400 Sensor Activated Touch-Free Faucet Instruction Manual

PRODUCT OVERVIEW

This manual provides instructions for the installation, operation, and maintenance of the Sloan SF-2400 Sensor Activated Touch-Free Faucet. This commercial-grade faucet is designed for hygienic, water-saving operation in various settings, ensuring reliability and efficiency.

KEY FEATURES

- **Touch-Free Sensor Activation:** Offers reliable infrared sensor activation for enhanced hygiene and user convenience.
- **Water-Saving Efficiency:** Designed for a low flow rate of 0.5 gallons per minute (GPM) to conserve water resources while maintaining effective handwashing.
- **Adjustable Infrared Sensor Range:** Allows customization of the sensing distance to suit specific installation environments and user preferences.
- **Commercial Grade Durability:** Constructed with robust materials to withstand rigorous daily use in high-traffic commercial settings.
- **Easy Installation and Maintenance:** Features standard connections, clear instructions, and accessible parts for straightforward setup and long-term serviceability.
- **Filtered Solenoid:** Equipped with a filtered solenoid valve that includes a serviceable strainer filter, ensuring a clean water supply and simplified maintenance.
- **Long Sensor Cable:** A generous 36-inch sensor cable provides flexibility in sensor placement and installation.
- **Long Flex Hose:** Includes a 24-inch flex hose for convenient and easy connection to the water supply.
- **Complete Hardware Included:** Comes with a plug adaptor for power supply and all necessary mounting hardware, including a below-deck manual mixing valve.

SETUP AND INSTALLATION

Proper installation is crucial for the optimal performance of your Sloan SF-2400 faucet. It is recommended that installation be performed by a qualified professional.

Components Included:

- Sloan SF-2400 Faucet Body
- Below-Deck Manual Mixing Valve
- Plug Adaptor Power Supply
- Mounting Hardware
- 36-inch Sensor Cable
- 24-inch Flex Hose

Installation Steps:

1. **Prepare the Installation Area:** Ensure the mounting surface is clean and clear. Turn off the main water supply to prevent leaks during installation.
2. **Mount the Faucet:** Position the faucet on the deck. Secure it using the provided mounting hardware. Refer to the diagram for proper orientation and tightening procedures.



Image: Underside view of the Sloan SF-2400 faucet showing the mounting hardware and connections for installation.

3. **Connect Water Supply:** Attach the 24-inch flex hose to the faucet and the hot and cold water supply lines. Connect the below-deck manual mixing valve to manage water temperature, ensuring proper hot and cold connections.

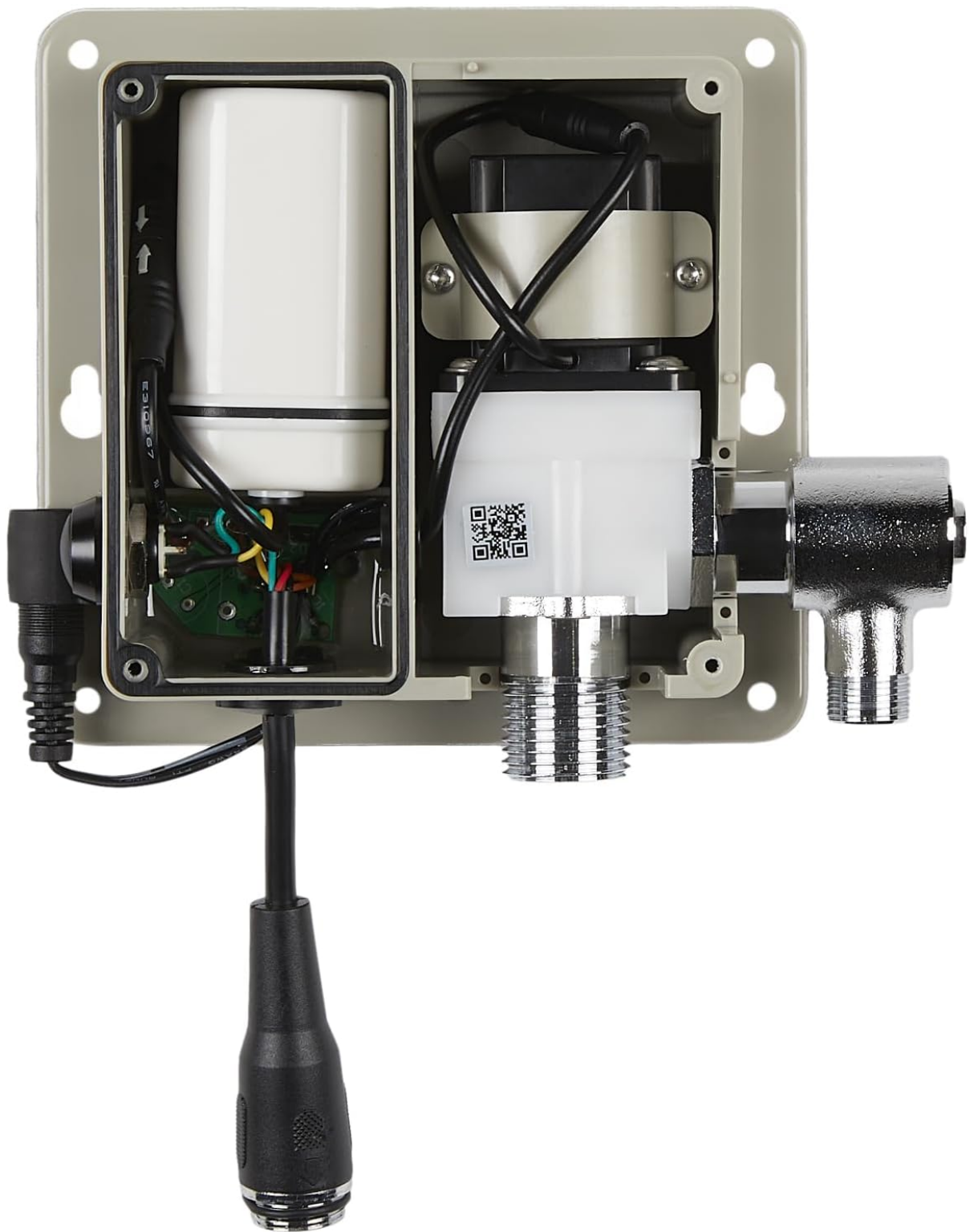


Image: The electronic control box for the Sloan SF-2400 faucet, illustrating the water inlet and outlet connections.

4. **Connect Sensor Cable:** Connect the 36-inch sensor cable from the faucet body to the designated port on the electronic control box. Ensure a secure connection.
5. **Connect Power Supply:** Plug the adaptor into the electronic control box and then into a suitable power outlet. Verify that the power indicator light (if present) illuminates.
6. **Test and Adjust:** Turn on the water supply. Test the sensor by placing hands under the spout. Adjust the infrared sensor range if necessary, as detailed in the