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In-Wall Control for Indoor Use

1. PRODUCT OVERVIEW

The Infratech Single On/Off Switch, Model 14-4400, is an in-wall control designed for simple and efficient operation of Infratech single element heaters. This switch provides basic on/off functionality, making it a straightforward solution for managing your heating system. It is suitable for indoor installations and is compatible with all Infratech C-Series, SL-Series, and W-Series heaters.



Figure 1: Front view of the Infratech Single On/Off Switch. This image displays the switch in a brushed metal wall plate, featuring a white rocker switch for simple operation.

2. IMPORTANT SAFETY INFORMATION

WARNING: Installation and configuration of this product require expert knowledge of electrical systems. To ensure safety and proper functionality, installation must be performed by a licensed electrician in accordance with all local and national electrical codes.

- Always disconnect power at the circuit breaker before installing or servicing the switch.
- Ensure all wiring connections are secure and properly insulated.
- Do not exceed the specified electrical ratings for the switch (120/277 VAC, 20 amps max).
- This switch is designed for indoor use only.

3. SETUP AND INSTALLATION

The Infratech Single On/Off Switch can be installed in various configurations, including single or dual wall plates, flush mount, or surface mount options. It can also be used with or without a weatherproof cover or box, depending on the specific installation environment.

Installation Steps (to be performed by a licensed electrician):

1. **Power Disconnection:** Turn off the main power supply to the circuit at the electrical panel.
2. **Mounting:** Install the switch in a standard electrical box. Ensure the box is securely mounted to the wall.
3. **Wiring:** Connect the electrical wires to the screw terminals on the switch. The switch is a 1-way circuit type with normally open contacts. Each Infratech heater must have its own dedicated On/Off Switch.
4. **Secure Plate:** Attach the wall plate over the switch and secure it with screws.
5. **Power Restoration:** Restore power at the circuit breaker and test the switch functionality.

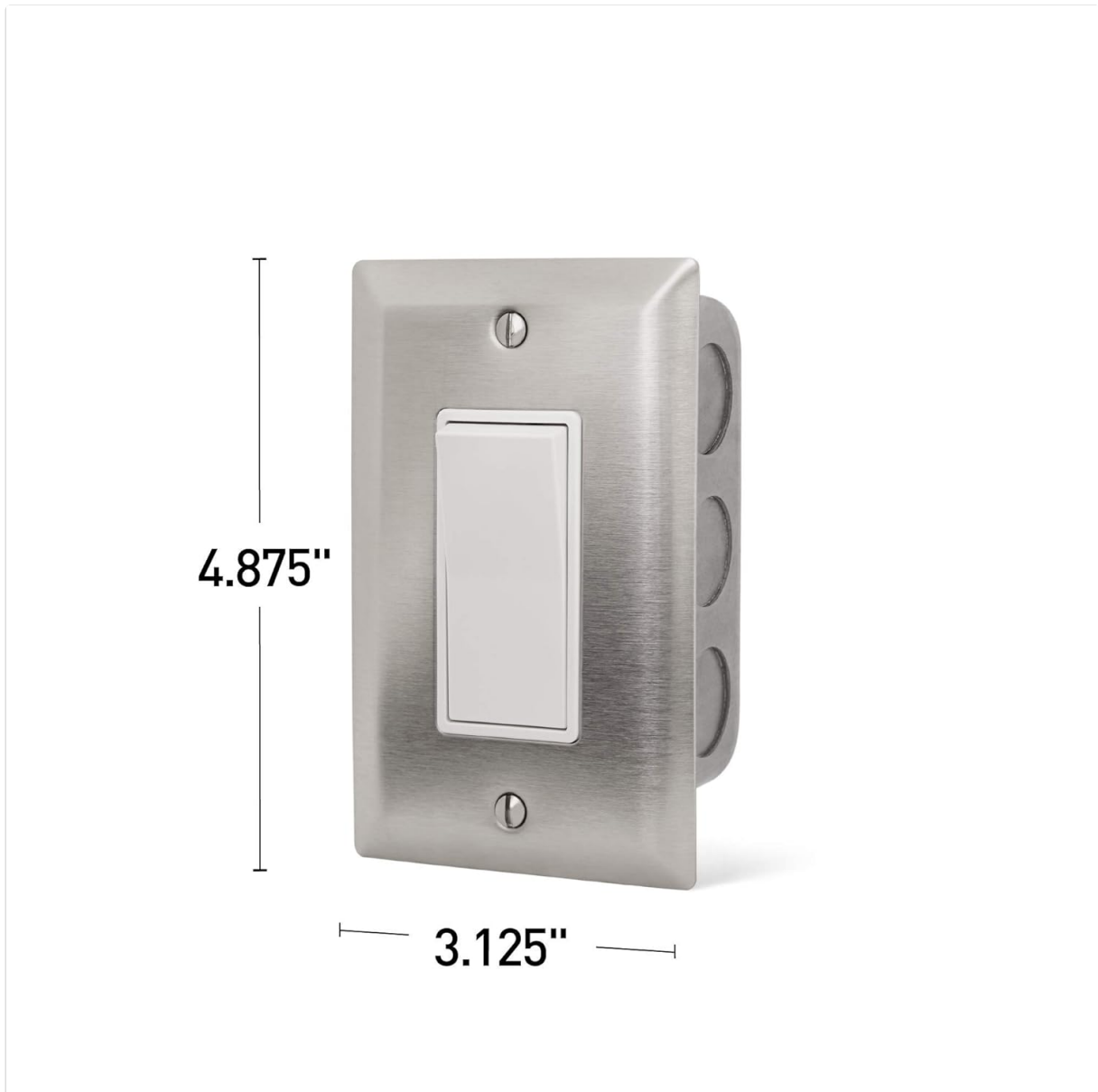


Figure 2: Dimensions of the Infratech Single On/Off Switch. The image shows the switch with a wall plate, indicating a height of 4.875 inches and a width of 3.125 inches.

4. OPERATION

Operating the Infratech Single On/Off Switch is straightforward. Simply press the rocker switch to the 'ON' position to activate the connected Infratech heater, and press it to the 'OFF' position to deactivate the heater. The switch provides a clear tactile response for each state.

5. MAINTENANCE

The Infratech Single On/Off Switch is constructed with durable materials, including a stainless steel contact

material, designed for long-lasting performance. Minimal maintenance is required.

- **Cleaning:** To clean the switch and wall plate, gently wipe with a soft, damp cloth. Avoid using abrasive cleaners or solvents, as these can damage the finish.
- **Inspection:** Periodically inspect the switch for any signs of wear or damage. If any issues are observed, consult a licensed electrician for inspection and repair.

6. TROUBLESHOOTING

If the Infratech Single On/Off Switch is not functioning as expected, consider the following basic troubleshooting steps:

- **No Power to Heater:** Check the circuit breaker to ensure power is supplied to the switch and heater.
- **Switch Not Responding:** If the switch does not respond, ensure it is properly installed and wired.
- **Persistent Issues:** For any persistent electrical issues or concerns, immediately contact a licensed electrician. Do not attempt to repair electrical components yourself unless you are qualified.

7. SPECIFICATIONS

Model Number	14-4400
Operation Mode	ON-OFF
Current Rating	20 Amps max per switch
Operating Voltage	120/277 Volts AC
Contact Type	Normally Open
Connector Type	Screw Terminals
Circuit Type	1-way
Actuator Type	Rocker
Contact Material	Stainless Steel
Manufacturer	Infratech
Package Dimensions	6.38 x 6.26 x 4.72 inches
Weight	1.23 Pounds

8. WARRANTY AND SUPPORT

The Infratech Single On/Off Switch (Model 14-4400) is supported by Infratech's exclusive **Three Year Warranty**. This warranty covers defects in materials and workmanship under normal use.

For warranty claims, technical support, or professional assistance with installation or troubleshooting, please contact Infratech customer service or consult a licensed electrician. Refer to the official Infratech website or product packaging for detailed contact information.

