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## Hearth Products Controls 311-ESTOP-3

# HPC Fire Commercial Emergency Stop Switch (311-ESTOP-3)

Model: 311-ESTOP-3 | Brand: Hearth Products Controls

## PRODUCT OVERVIEW

The HPC Fire Commercial Emergency Stop Switch provides an immediate shut-off mechanism for electric appliances. This unit is primarily designed for commercial applications but is also suitable for residential use, offering a critical safety measure to quickly cut power in emergency situations. It is capable of controlling up to three appliances and comes complete with the emergency control box and a set of two keys for operation.

## Key Features

- Outdoor rated emergency shut-off for electric appliances.
- Intended for commercial or residential use to quickly cut power to an electric appliance.
- Controls up to 3 units simultaneously.
- Includes the emergency control box and a set of two keys for activation/deactivation.

## SETUP AND INSTALLATION

**Important:** Installation of this emergency stop switch should be performed by a qualified electrician in accordance with all local and national electrical codes. Ensure power is disconnected before beginning any installation work.

- 1. Mounting:** Select a suitable location for mounting the emergency stop switch. The unit is outdoor rated, but protection from direct harsh weather conditions is recommended for longevity. Use appropriate fasteners to secure the control box firmly to a stable surface.
- 2. Wiring:** This unit is compatible with 120VAC or 24VAC systems. Connect the electrical wiring from the power source and to the appliances (up to three) according to the wiring diagram provided with the product packaging. Ensure all connections are secure and properly insulated.
- 3. Key Mechanism:** The switch includes a key mechanism for resetting the emergency stop. Ensure the key can be easily inserted and turned.



Figure 1: Bottom view of the emergency stop switch, illustrating the mounting points and electrical rating labels. This view is crucial for proper installation and understanding the unit's specifications.

## OPERATING INSTRUCTIONS

The HPC Fire Commercial Emergency Stop Switch is designed for simple and immediate operation in critical situations.

- 1. Activating Emergency Stop:** To activate the emergency stop function, firmly press the large red button on the front of the unit. The button will latch in the depressed position, immediately cutting power to all connected appliances.
- 2. Resetting the Switch:** To reset the emergency stop and restore power, insert one of the provided keys into the keyhole on the red button. Turn the key clockwise until the red button pops out to its original position. Remove the key. Power will then be restored to the connected appliances.



Figure 2: Side view of the emergency stop switch showing the button in the "E-Stop Activated" (depressed) position. In this state, power to connected appliances is cut off.

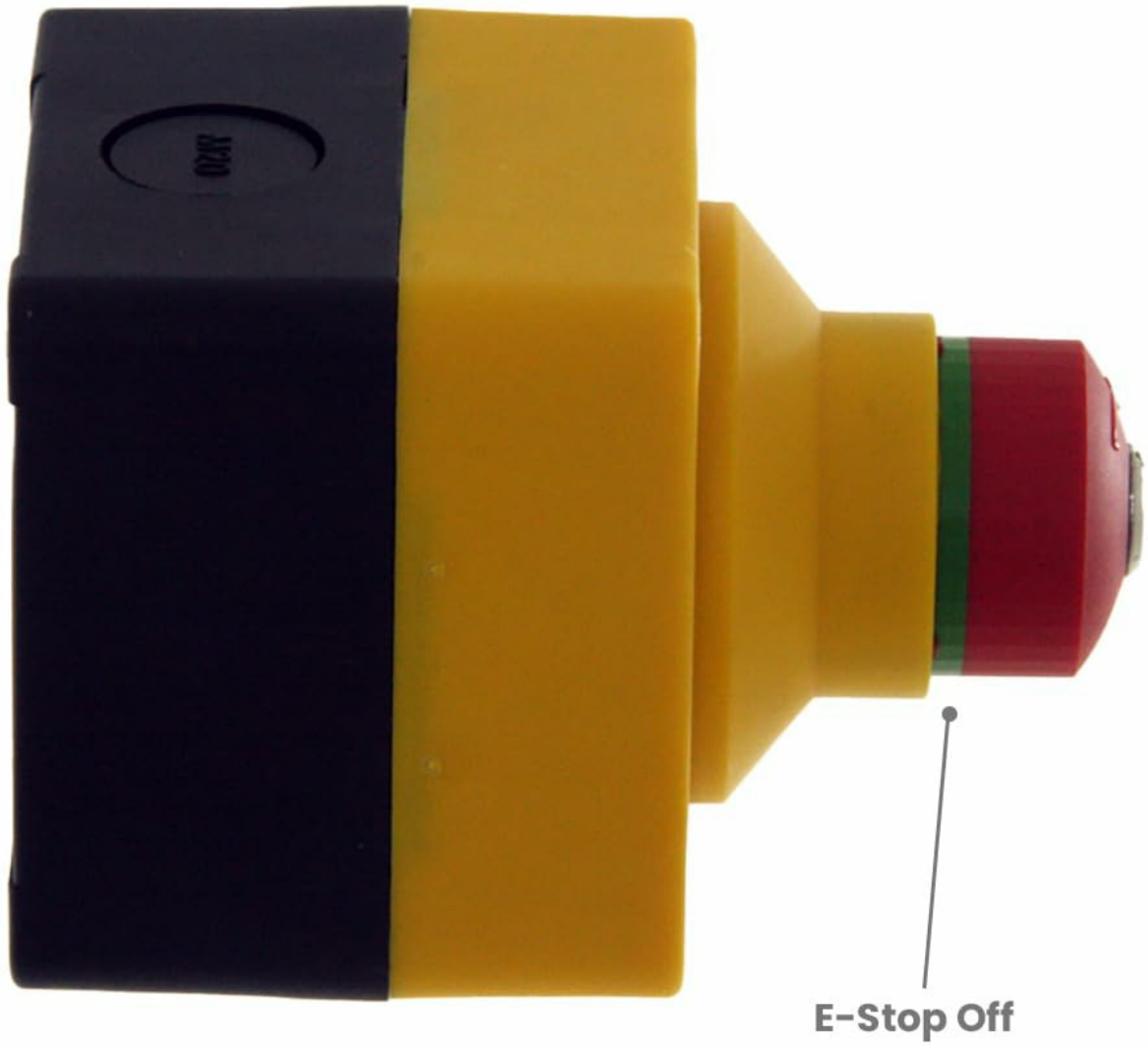


Figure 3: Side view of the emergency stop switch showing the button in the "E-Stop Off" (extended) position. In this state, power is restored to connected appliances, assuming no other faults.



Figure 4: Front view of the emergency stop switch with the keys inserted into the key mechanism, demonstrating how the unit is reset after activation.

## MAINTENANCE

Regular maintenance ensures the reliable operation and longevity of your HPC Fire Commercial Emergency Stop Switch.

- **Periodic Inspection:** Annually inspect the unit for any signs of physical damage, corrosion, or loose connections. Pay close attention to the integrity of the housing and the functionality of the button and key mechanism.
- **Cleaning:** Keep the exterior of the unit clean from dust and debris. Use a soft, dry cloth. Avoid using abrasive cleaners or solvents that could damage the housing.
- **Functionality Test:** Periodically test the emergency stop function by pressing the button and then resetting it with the key. Ensure the button latches securely and releases smoothly.
- **Outdoor Use Considerations:** While outdoor rated, prolonged exposure to extreme weather conditions (e.g., heavy rain, direct sunlight, freezing temperatures) can affect the lifespan of the key mechanism. Consider

additional protective enclosures if installed in highly exposed environments.

## TROUBLESHOOTING

If you encounter issues with your emergency stop switch, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Switch does not activate (button does not latch).	Internal mechanism obstruction or damage.	Inspect for debris. If damaged, unit may require replacement.
Switch does not reset (button remains depressed).	Key mechanism malfunction or internal latching issue.	Ensure key is fully inserted and turned correctly. If issue persists, the mechanism may be worn or damaged.
Connected appliances do not lose power when activated.	Incorrect wiring or internal electrical fault.	Verify wiring connections according to the installation diagram. Consult a qualified electrician for electrical fault diagnosis.
Connected appliances do not regain power after reset.	Power supply issue, appliance fault, or internal switch fault.	Check main power supply. Ensure appliances are functional. If all else fails, the switch may be faulty.

For issues not listed above or if solutions do not resolve the problem, it is recommended to contact a qualified technician or the manufacturer for assistance.

## SPECIFICATIONS

Attribute	Detail
Product Dimensions	8 x 7 x 5 inches; 2 Pounds
Manufacturer	Hearth Products Controls
Operation Mode	Manual
Current Rating	10 Amps
Operating Voltage	120 Volts (AC) or 24 Volts (AC)
Contact Type	Normally Open
Connector Type	Coaxial
Number of Items	1 (Emergency Control Box with keys)

## WARRANTY AND SUPPORT

Specific warranty details for the HPC Fire Commercial Emergency Stop Switch (Model 311-ESTOP-3) are not provided in this manual. For information regarding product warranty, technical support, or replacement parts, please

contact Hearth Products Controls directly or refer to their official website. Keep your purchase receipt as proof of purchase for any warranty claims.

**Manufacturer Contact:** Please refer to the contact information provided on the product packaging or the official Hearth Products Controls website.

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This manual is for informational purposes only. Specifications are subject to change without notice.