

PE-71731439

Convection Motor

INSTALLATION INSTRUCTIONS

Before Installing

- **ALWAYS** unplug the unit before beginning any work
 - Allow the unit to cool completely if recently used
 - Work in a well-lit area with proper tools
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Installation Steps

1. Power Disconnection

Unplug the unit from the power source.

Tip: The plug may be located under an electrical cover plate if the stove is a fireplace insert

2. Disconnect Wiring

- Open the switch control box cover.
- Disconnect the wire spade connectors to the fan from the thermostat switch, power cord, and fan switch.
- Tip: Take a photo of wire connections before disconnecting.

3. Access the Unit

- Access the rear of the stove.
- If your stove is a fireplace insert, sliding the stove out of the fireplace and disconnecting the exhaust pipe may be required to access the rear of the stove
- Before proceeding with the installation, verify if this is the correct motor. If your buck stove has 2-doors and a 3-Speed blower motor, this is the correct part. The mounting flange measures 10" x 10".

- If you have a single speed motor with a mounting flange measuring about 17 1/4" x 15 1/4" and your stove has a round opening in the back, your stove requires part FA402011.
- If you have an opening that measures about 5" x 5" then your stove requires part 1B51021B5102

4. Remove Old Blower

- Remove the mounting screws holding the blower in place.
- Remove the blower from the stove.
- Uninstall the fan blade from the blower motor by loosening the set screw on the fan blade.
- Remove the fasteners holding the fan mounting flange to the fan motor and remove the motor from the mounting flange. Disassembly of the mounting flange may be required.

5. Install New Blower

- Install the new fan motor to the existing mounting flange.
- Make sure to thread the motor wires for the connections to the thermostat switch, power cord, and fan control switch through the mounting flange in the same way as before
- Reassemble the mounting flange if disassembled and install the fan blade to the motor. It is recommended to replace the fan blade when replacing the motor to prevent fitment issues.
- Connect the wiring from the blower to the corresponding connections to the thermostat switch, power cord, and fan switch. The wires coming from the motor may need new connectors installed before connection.
- Install the newly assembled blower to the stove with screws.

6. Final Assembly

- Close the switch control box cover.
- Slide the stove back into the fireplace if removed. Ensure the exhaust pipe is reattached and secured to the exhaust outlet.

7. Power Connection

- Plug the stove back into the power source.
 - Reinstall the electrical cover if removed.
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Post-Installation Check

- Verify all connections are secure
 - Test blower operation before closing panels
 - Check for any unusual noises or vibrations
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Support

If you encounter any issues during installation, consult your owner's manual or contact technical support via our contact form.