

50-2481

Convection Blower

INSTALL 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 your unit from the power.

2. Access the unit

Remove necessary side access panels on the unit to access the convection blower (the number and location of the panels may vary depending on your model).

3. Disconnect Blower Wiring

Disconnect the wires to the convection blower (and capacitor if available) from the wiring harness.

4. Remove Old Blower

- Unscrew the 3/8" bolt on the motor end of the blower mounting brackets (where the wiring harness is)
- Loosen the bolt on the opposite side to free the convection blower
- Move the wiring harness out of the way and remove the blower from under the pellet drop tube.

5. Install New Blower

- Insert the new convection blower under the pellet drop tube in the same orientation as the old blower.
- Ensure the blower mounting brackets line up with the mounting bolts on both ends.
- Fasten the new blower in place with the 3/8" bolts that were loosened/removed.

6. Connect Blower Wiring

- Connect the wires from the new blower to the wiring harness.
- The wiring of this blower is slightly different from the OEM, as well as the previous blower we sold under our own brand. Connect the wires as follows:
 - White & Brown: Pre-connected to the capacitor, they must stay this way. DO NOT use the capacitor from your old motor, the updated capacitor included with this motor must be used instead.
 - Black: Connects to the purple wire from your main wiring harness.
 - Blue: Connects to the white double wires from your main wiring harness.
 - Yellow/Green: Connects to your stove's housing. This is an added ground wire to protect your motor in the event of a power surge.

7. Final Assembly

Install the removed access panels.

8. Power Connection

Plug in the stove to test.

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.