

BM-1288

Convection Blower

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 your stove from the power.

2. Access the unit

- Remove the rear access panel from the stove and locate the convection blower
- For AC-17 and AC-20 assemblies: Remove the blower assembly from under the ash lip in the front of the unit to access the blower.

3. Disconnect Fan Wiring

- Detach the convection blower wiring connections from the wiring harness.
- For AC-17 and AC-20 assemblies: Connect the new blower motor to the corresponding white power cord and rheostat wires. The white blower wire should be connected to the white power cord wire and the black blower wire should be connected to the rheostat

Tip: you can take a photo of the wires to note the color coding of the wires and connections before removal.

4. Remove Old Fan

- Remove the mounting screws that hold the combustion fan.
- Pull the fan out of the motor area from underneath the hopper.
- For AC-17 and AC-20 assemblies: Remove the four 8mm bolts that secure the blower to the housing and remove the blower. Set the bolts aside along with the hex nuts.
- If any of the plastic spacers come out, place those back through the center of the rubber grommets which are attached to the blower's mounting frame.

5. Install New Fan

- Install the replacement blower to the stove using the previously removed mounting bolts.
- For AC-17 and AC-20 assemblies: Install the new blower to the housing with the previously removed bolts.

6. Connect Blower Wiring

Plug the wiring connectors back into the blower in the same connections as the original blower.

7. Final Assembly

- Install the removed service panel.
- For AC-17 and AC-20 assemblies: Install the newly assembled blower assembly to the stove.

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

Support

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