

AXIAL CONVECTION FAN BLADE 150-0176

INSTALL INSTRUCTIONS

Replaces MPNs: 150-0176

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
 - Ensure there are no pellets in the hopper assembly
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Installation Steps

1. Unplug the unit's power cord.
2. Locate the blower motor in the electrical cabinet in the rear of the stove.
 - Free-Standing Stoves: It may be necessary to remove the rear and side panels to gain access to this area.
 - Inserts: Most often the unit needs to be pulled out of the firebox in order to access this location.
3. Follow the power wires coming off of the existing motor & disconnect them at the first connection for ease of installation. Pay attention to the orientation of the wires and connection location.
 - Often the power wire leads will come from the motor. Other times, there will be two lead wires that run from the unit and connect to tabs on the motor.
4. Locate the fasteners attaching the fan housing to the unit and remove them.
5. Locate the small set screw on the existing fan blade and loosen it until the blade is able to slide off the shaft. (Note the position of the fan blade on the motor shaft).

6. Position the new fan blade in the same place on the motor shaft and tighten the set screw.
 7. Position the blower back in place and reattach using the previously removed fasteners.
 8. Reconnect the wires (Pay attention to the wire location).
 9. Close up the electrical cabinet
 - Free-Standing Stoves: Reinstall any previously removed panels.
 - Inserts: Reinstall any previously removed panels and reposition the insert back into the firebox cavity.
 10. Plug in the unit's power cord.
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Post-Installation Check

- Verify all connections are secure
 - Ensure all wiring is not in proximity of moving parts
 - Test motor 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](#).