

CONVECTION BLOWER KIT 600-1-KIT

INSTALL INSTRUCTIONS

Replaces MPNs: 600-1 | 600-095 | 600-095R | & More

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. Disconnect Power

- Ensure the unit is completely cooled down and drained of power.
- Unplug the stove from the powersource.

2. Access the Unit

- Locate both the convection blowers in the stove. The blower motor is typically mounted in the bottom front of the stove behind the front grill panel.
- Carefully remove the front panel on the unit by removing the screws and setting them aside to access the motor. This panel can typically be located to the front of the unit on the bottom face on insert models.
- You may also need to consider removing the shroud to access the rear of the stove or to pull the unit out from the firebox. Depending on the installation, the power cord may also need to be replaced.

3. Disconnect Wiring

- Before disconnecting anything, take clear photos of all wiring connections from multiple angles. This is the single best way to avoid mistakes during reassembly.

- Label each connector with masking tape and a marker as you remove it.
- Unplug all blower wiring leads from the wiring harness. You will also need to disconnect the leads from the rheostat knob, temperature sensor, and power cord
 - **Note:** Always pull on the connector body, never on the wires themselves, pulling on wires can damage the connector or break the crimp.

4. Remove Old Blower Motors

- Remove the mounting bolts holding the blower motors to the stove mount and set them aside. The blowers are mounted to separate galvanized steel brackets to eliminate rusting and have pre-installed noise reduction pads to eliminate any metal on metal contact.
- Gently pull the old blowers out of the stove. Note the orientation of the blowers during removal.
- Remove the rheostat by first removing the knob from the rheostat's rod, and then removing the lock nut under where the knob was to free the rheostat.
- Remove the thermostat from the stove. The thermostat is mounted to a magnetic bracket that allows for easy mounting and installation
- If replacing the power cord, carefully disconnect the power cord from the stove.

5. Install New Blower Motors

- Position the new blower motor onto the mounting locations and ensure the new blower is oriented in the same position as the old blower.
- Secure the blower using the bolts removed in Step 4. Tighten until snug, do not overtighten, as excessive force can strip the bolts holes.
- Remove the knob and lock nut from the new rheostat, and then mount the rheostat to the stove. Secure the rheostat with the removed locknut before installing the knob.

- Mount the new thermostat sensor to the stove via the magnetic mounting bracket.
- Carefully feed the wires of the new power cord through the hole in the stove and secure the wire with the included stopper.

6. Connect Wiring

- Using the reference photos and labels from Step 3, plug all new blower , thermostat, rheostat, and power cord wire terminals into the wiring harness.
 - The blower should connect to the wiring harness using the wire leads in the same positions as the origin blower.
- Ensure each connector is fully seated, you should feel or hear it click into place. A loose connection is the most common cause of post-installation issues.

7. Connect Power

- Replace the front grill panel panel and secure it with the screws removed in Step 2.
- Move the stove back into the firebox if moved in step 2.
- Install the shroud to the stove if removed.
- Plug the stove's new power cord into the power source.
- Your new blower assembly is installed and ready to use.

Post-Installation Check

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

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