

80594

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

Locate the distribution blower assembly toward the rear of the unit

3. Disconnect Blower Wiring

- Remove the two screws holding the wire cover to the blower housing.
- Remove the wire cover from the blower housing.
- Untwist and remove the wire nuts from the wires coming from the blower to the conduit.
- Loosen and remove the lock nut holding the conduit to the wire housing (The conduit is now free from the blower)

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

4. Remove Old Blower

- Remove the bolts holding the blower in place.
- Remove the old blower from the unit.
- Check the gasket at this time. If it is damaged or worn it will need to be replaced.
- The gasket is NOT included with the new blower and must be purchased separately.

5. Install New Blower

- Thread one bolt through the new blower mounting flange and gasket loosely to the unit (This will help you position the gasket in place).
- Insert and tighten all four bolts to the rear of the furnace.

6. Connect Blower Wiring

- Remove the wire cover from the newly installed blower.
- Using a flathead screwdriver to remove the knockout from the side of the blower housing.
- Pull out the wires from the blower wire housing
- Strip approximately 1/4" of the plastic off of the ends of the wires.
- Insert the wires from the conduit through the knockout and position the conduit in place on the side of the wire housing.
- Replace the lock nut on the inside of the wire housing and tighten the nut to secure the conduit to the housing.
- Connect the black wire from the blower to the black wire from the conduit and the white wire from the conduit to the white wire from the blower.
- Reinstall the wire nuts to the wires coming from the blower to the conduit.

7. Final Assembly

- Reposition the cover onto the blower housing
- Tighten the two screws to secure the cover.

8. Power Connection

Plug in the unit 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.