

# AC-17

## Distribution Blower Assembly

### INSTALLATION INSTRUCTIONS

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#### 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 blower assembly under the ash lip in the front of the stove.

##### 3. Remove Old Blower Assembly

- Remove the blower from under the ash lip.
- If you are intending to replace individual parts of the assembly like the rheostat, blower, or power cord. Otherwise, please proceed to Final Assembly.

##### 4. Disconnect Blower Wiring

- Remove the rheostat package and power cord which are loose inside the blower and set these aside.
- Remove the four 8mm bolts that secure the blower to the housing. Set these 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.

- Remove 1 of the Phillips sheet metal screws that secure the right side motor mounting bracket.

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

## 5. Connect Blower Wiring

- Pass the power cord through the larger of the two holes on the right side of the blower housing.
- Attach the green wire grounding loop from the power cord to the right-side mounting bracket using the Phillips screw you just removed.
- Connect the white wire from the power cord to the white wire on the blower.
- Crimp 1 male spade terminal to the black wire on the rheostat.
- Crimp 1 female spade terminal to the white wire of the rheostat.
- Connect the wire with two male spade terminals to the black rheostat wire and the black power cord wire.
- Connect the wire with two female spade terminals to the rheostat white wire and the other end to the blower black wire.

## 6. Blower Assembly

- Pass the rheostat knob post through the smaller hole on the right side of the blower housing and spin the fast nut onto the post to secure the rheostat.
- Place the rheostat knob on the post.
- Reinstall the blower back into the blower housing using the bolts and nuts you removed in step 2.
- Connect the strain relief cord stopper by wrapping it around the cord and depressing the two halves with pliers. While depressing, push it into the cord hole pass-through and release.

## 7. Final Assembly

Install the replacement blower assembly to the blower area under the ash lip.

## 8. Power Connection

Plug in the unit to test.

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## **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.