



Instructions for GZ550-1KT Blower Kit with Cord Set



WARNING

RISK OF FIRE AND ELECTRICAL SHOCK!

TURN OFF THE GAS AND ELECTRICAL POWER BEFORE INSTALLING BLOWER!

When installed, make sure to contain any excess wire of the cord set; Preventing it from making contact with moving or hot objects.

Drywall dust or other fragments may be present in your fireplace's vent space, clean this area before you install the blower kit. Any bearing or motor damage resulting from this condition is not covered by the warranty policy.

This Blower Kit is tested and safe when installed in accordance with these installation instructions. It is your responsibility to read all instructions and consult the Owner's Installation Manual for your particular model number for Supplemental Information before starting installation. Blower operates on 115V/60Hz power.

Blower Kit Parts

Check the contents of the carton.
Make sure nothing was damaged in shipment.
Do NOT install a damaged blower kit!

| Description | Qty. |
|--|------|
| Fan | 1 |
| Thermodisc / Heat Sensor | 1 |
| Variable Speed Control | 1 |
| Cord Set | 1 |
| Wingnut and Lock Washer | 2 |
| Self-Tapping Screw | 1 |
| Fan Mounting Bracket with Foam Strips | 1 |
| 3-Prong to 2-Prong Adapter | 1 |
| Installation Instructions (Downloadable) | 1 |
| | |

Step 1: Turn Off Fireplace and allow it to cool down. Disconnect from 120V Power. Shut off the Gas supply. Remove the louver which covers the lower vent space below the firebox.

Lay cord set out in a straight line, with the 3-Prong Power Plug furthest away from the fireplace.

Step 2: Push the green wire disconnect onto the ground tab on the end of fan. (Figure: 1)

Connect white and black wires of the cord set to either of the spade terminals attached to the motor. Push disconnects onto metal tabs. (Figure: 1)

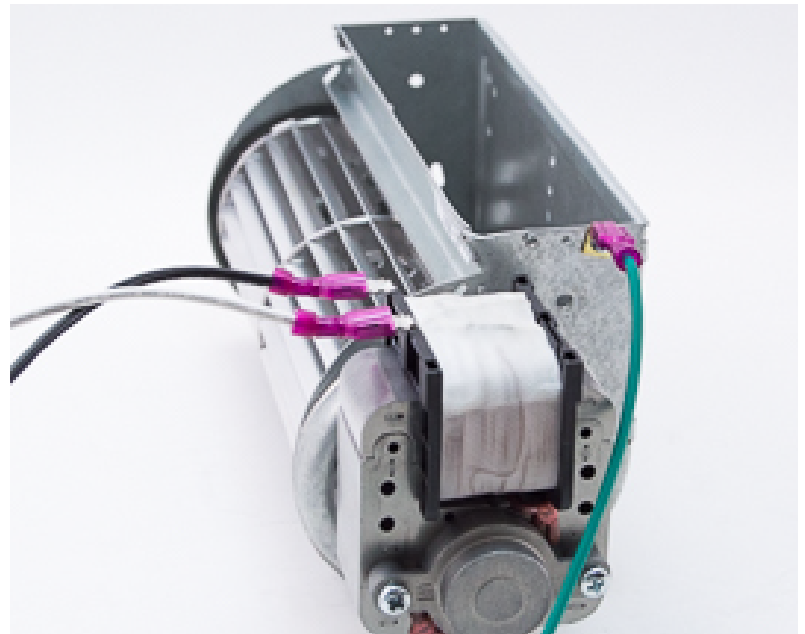


Figure: 1 •Does not matter which metal tab you connect the black and white wires to.



Step 3: Hold fan assembly so the fan blades face up and fan motor is furthest away from fireplace. (Figure: 3)

Slide blower assembly through bottom vent space; as the blower reaches the back, position blower parallel with the back wall and rotate blower, so the blower's rectangle air exit port is facing up. Slide the blower right, so the tab on the back wall slides into mounting bracket notch and the screw stud on back wall goes through hole. Use a wing-nut and lock washer included to secure the other side of mounting bracket to screw stud. (Figures: 4,5 & 18)

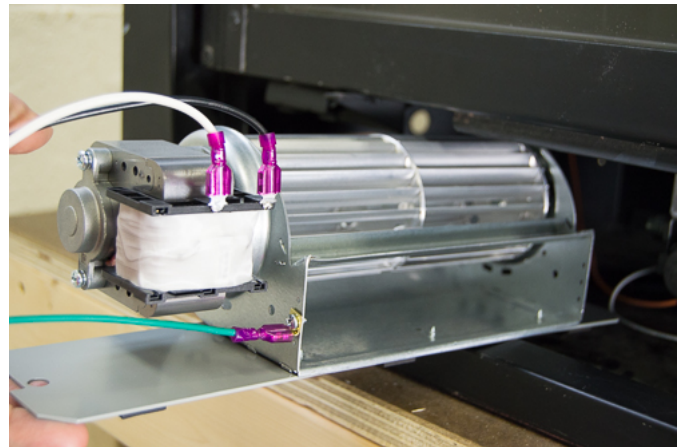
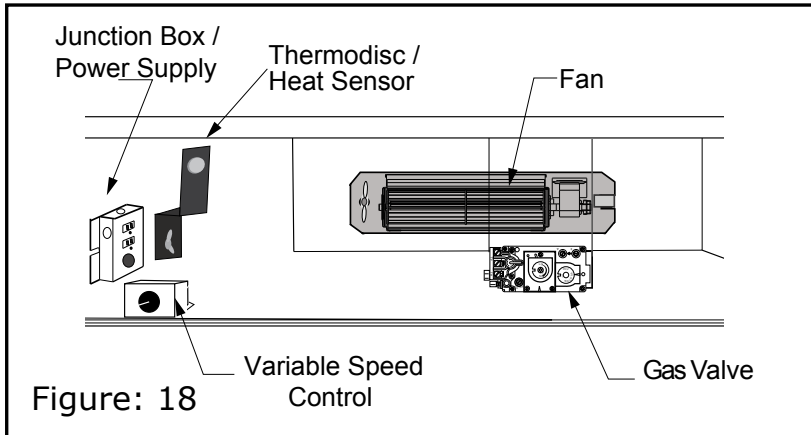


Figure: 3

Step 4: In lower vent space on left; look on the right side of Junction Box, mount the Thermodisc/Heat sensor on this existing screw stud. Use the other included wing-nut and lock washer to secure thermodisc bracket.

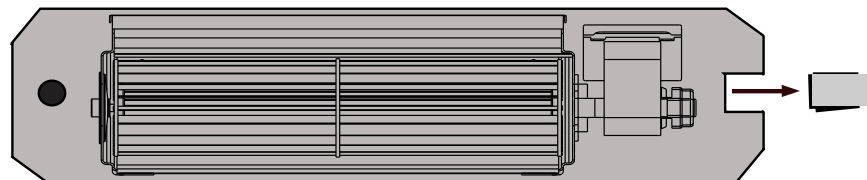


Figure: 4

The bracket with the heat sensor will extend up in the space between the firebox and outer shell; the silver sensor must be touching the side of the firebox. (Figures: 6,7,8 & 18)

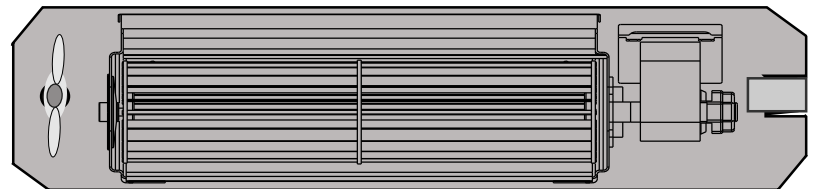
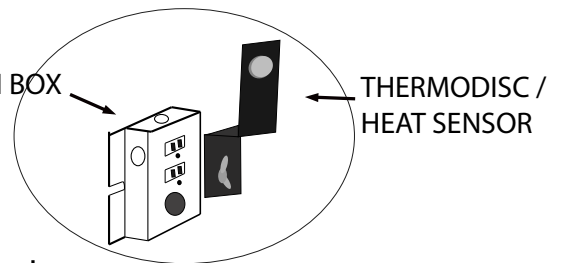


Figure: 5

If there was no existing screw stud to the right of Junction Box, use the included self-tapping screw to secure the thermodisc bracket. (Figures: 7&9)



Once in position, the thermodisc bracket may need to be adjusted to ensure silver disc is in contact with firebox wall. (Figures: 8&9)

The thermodisc will activate the blower when it senses 120°F and will automatically turn the blower off after the fireplace cools below 90°F.

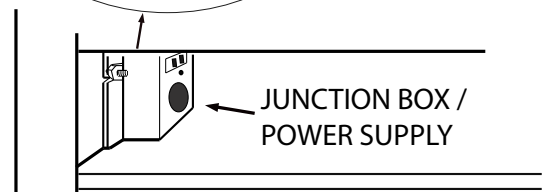


Figure: 6

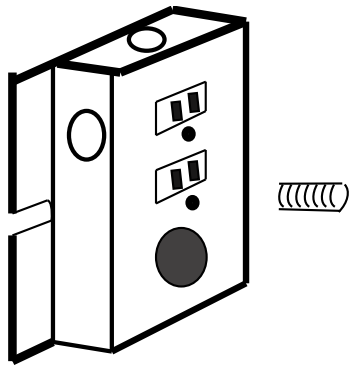


Figure: 7

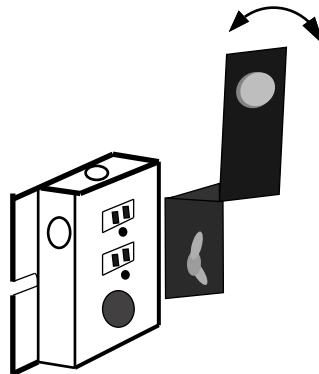


Figure: 8

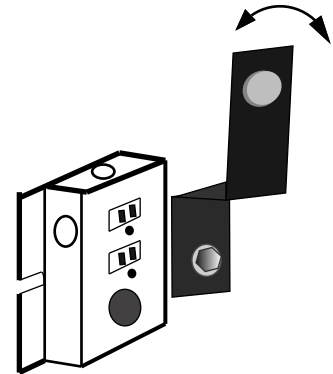


Figure: 9

Step 5: The Variable Speed Control may simply be set on the floor of the lower vent space near the front. A velcro strip is attached to the speed control for mounting on the side near the front.

For mounting variable speed control to a panel, use 11/16 wrench to remove lock nut. (Figure: 10)

Turn the dial to the left and it will click off, turn right to reduce speed.

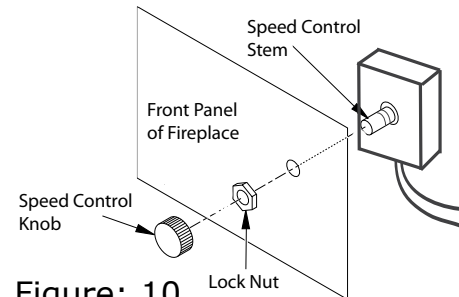


Figure: 10



The fan will not run until the Thermodisc / Heat Sensor reaches approximately 120°F and the Variable Speed Control is turn to the "ON" Position! This means the Heat Sensor must be in contact with a hot spot on the underside of the Firebox.

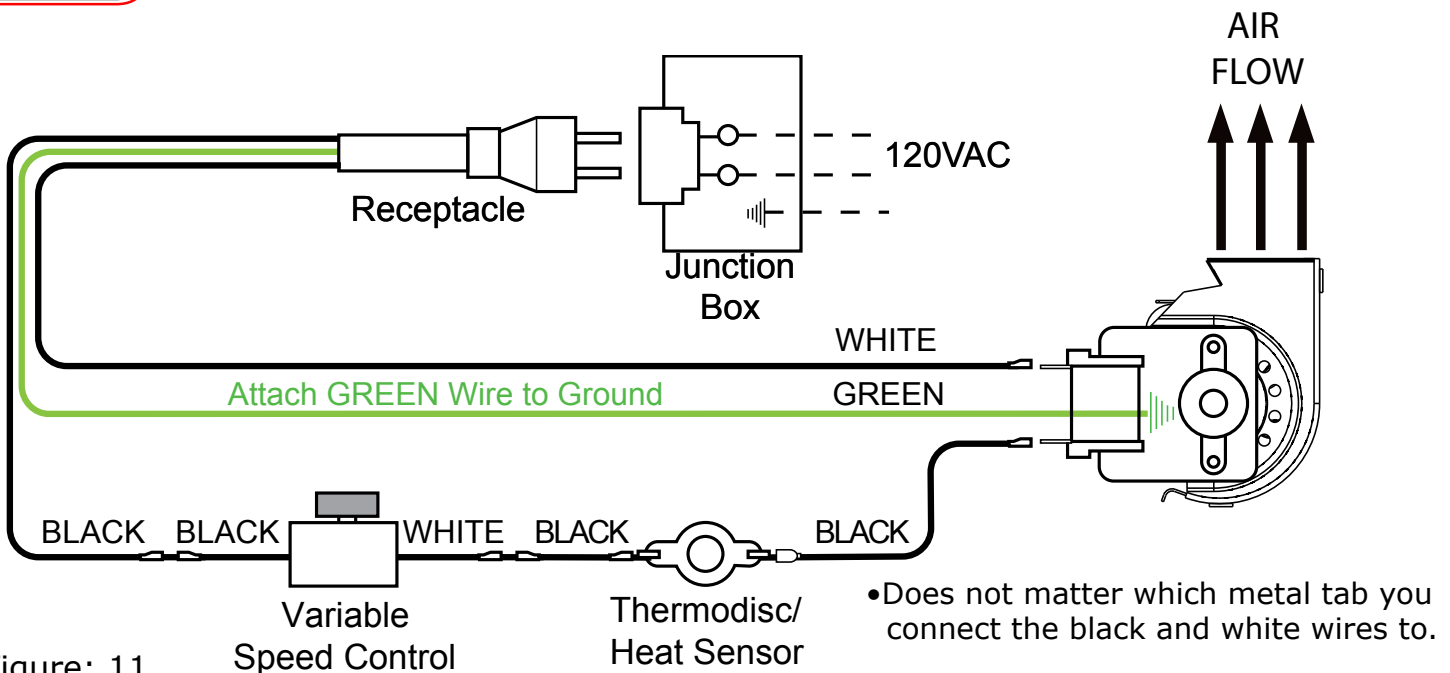


Figure: 11

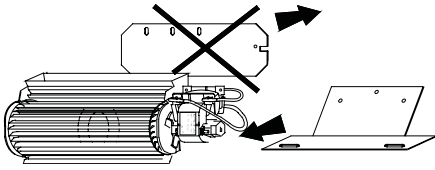


Figure: 12

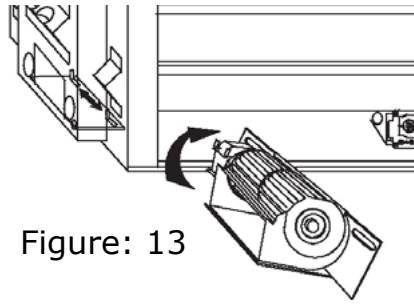


Figure: 13

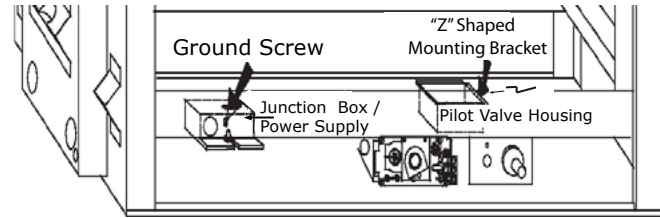


Figure: 14

For Series 40 models: Remove the blower from its mounting bracket and attach to the bracket supplied with the fireplace. This bracket is found secured on the mounting studs located at the bottom of the vent side wall. (Figure: 12)

Peel off foam dampening strips attached to blower bracket and put on bottom of bracket supplied with fireplace. Tilt the blower onto its side and slide it past the controls. (Figure: 13) Position the blower onto the studs. The blower bracket contains slots that allow the blower to be positioned away from the intended gas supply hole. Secure the blower using the lock washers and wing nuts provided.

Find the "Z" shaped mounting bracket secured to the burner housing on the underside of firebox, by the pilot (Figures: 14&16). Loosen the end of bracket positioned away from burner housing.

Slide Thermodisc/Heat Sensor bracket (Figure: 15) between "Z" bracket and underside of firebox (By the "X" in Figure: 16), so that the silver disc is touching the underside of firebox. Re-secure "Z" bracket, to hold thermodisc bracket in place.

Do not overtighten "Z" bracket/thermodisc or distort wires.

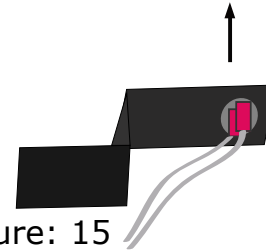


Figure: 15

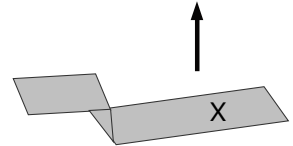


Figure: 16

Step 6: Insert 3-Prong Plug into Junction Box. Use the included 3-Prong to 2-Prong adapter if necessary. (Figure: 17)

•Wiring Diagram for this Blower Kit is illustrated in Figure: 11.

Finishing Steps:

If appliance is connected to a gas supply, turn it back on.

If appliance is connected to 120 Volt Power, turn it back on.

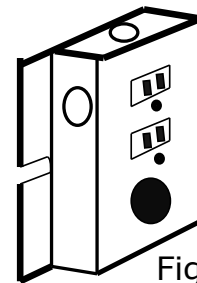


Figure: 17

My Fireplace Blower LLC produces and sells aftermarket fireplace blower kits; which require consultation of an Owner's Installation Manual from the Manufacturer of a particular fireplace model number for installation. During Installation of a fireplace blower kit or replacement blower, refer to the Owner's Installation Manual for your particular fireplace model to obtain supplemental information. My Fireplace Blower LLC is not responsible for any damage incurred during installation or resulting from installation of a fireplace blower kit, which was directed and/or conducted from the information within this document.

Installations in Canada must conform to the current CAN/CGAB-419.1 and .2 Gas Installation Code and local regulations. When installing the blower fan kit, it must be electrically grounded in accordance with CSA C22.1 Canadian Electrical Code Part 1 and/or Local Codes.

Installations in the USA must conform to local codes, or in absence of local codes or the National Fuel Gas Code, ANSI Z223.1-1988. When installing the blower fan kit, it must be grounded in accordance with local codes, or in absence of local codes, with the National Electrical Code, ANSI/NFPA 70-1987.