

# INSTALLATION INSTRUCTIONS

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## Model GZ550 Fan Kit

**This is a contractor replacement kit. The blowers are aftermarket models, not original equipment with LIMITED INSTRUCTIONS! Intended to be installed by a qualified technician.**



## WARNING

RISK OF FIRE AND ELECTRICAL SHOCK.

TURN OFF THE GAS AND ELECTRICAL POWER BEFORE SERVICING THIS APPLIANCE.

USING NON-LISTED ACCESSORIES (BLOWERS, DOORS, LOUVRES, TRIMS, GAS COMPONENTS, VENTING COMPONENTS, ETC.) COULD RESULT IN A SAFETY HAZARD AND WILL VOID THE WARRANTY AND CERTIFICATION.

ENSURE THAT THE FAN'S POWER CORD IS NOT IN CONTACT WITH THE SURFACE OF THE APPLIANCE TO PREVENT ELECTRICAL SHOCK OR FIRE DAMAGE. DO NOT RUN THE POWER CORD BENEATH THE APPLIANCE.

THE WIRE HARNESS PROVIDED IN THE BLOWER KIT IS A UNIVERSAL HARNESS. WHEN INSTALLED, ENSURE THAT ANY EXCESS WIRE IS CONTAINED, PREVENTING IT FROM MAKING CONTACT WITH MOVING OR HOT OBJECTS.

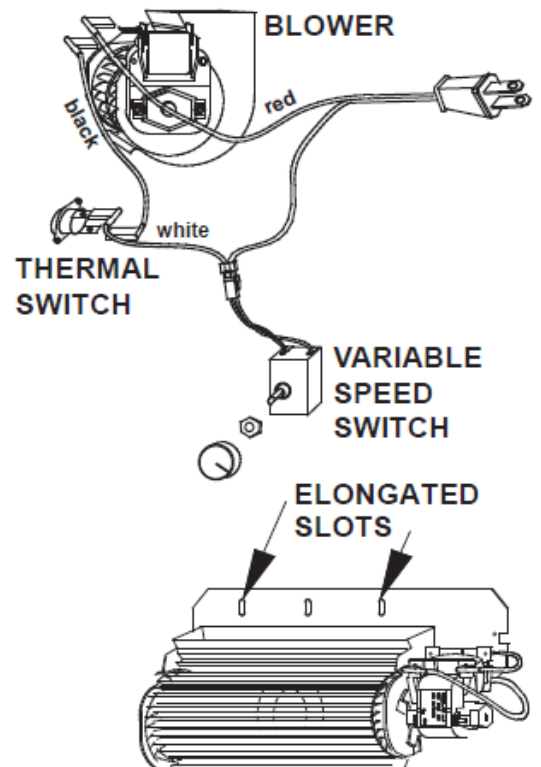
## OPTIONAL BLOWER INSTALLATION

**Installation is to be done by a qualified installer** and must be electrically connected and grounded in accordance with local codes. In the absence of local codes, use the current CSA C22.1 Canadian Electrical Code in Canada or the ANSI / NFPA 70 National Electrical Code in the United States.

**If the fireplace was not previously equipped with a blower,** route a grounded 2-wire, 60 Hz power cable to the receptacle / junction box. At this point, it must be strain relieved and insulated.

The three slots on the blower mounting bracket allow ease of adjustment when attaching the blower. For a quiet running blower, do not allow the assembly to sit on the firebox base. Slide the vibration reducing pad (A) into the clip (C) and up against the threaded stud (B) at the other end. The blower must be able to be positioned entirely onto the pad.

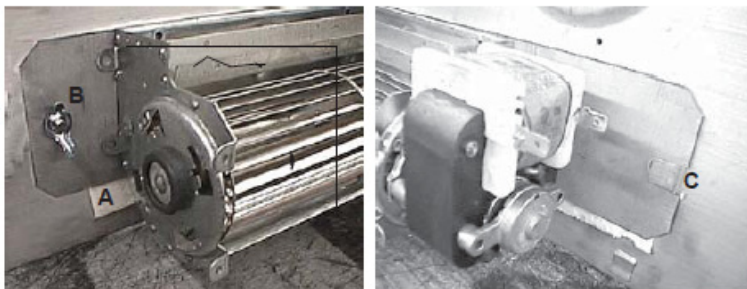
To ease installation of the blower, remove the hinge screen and valve control door (lower louvers) from the base of the fireplace.



Tilt the blower onto its side. Slide it past the controls and into the clip **(C)**. Secure to the threaded stud using the lock washer and wing nut provided. Ensure that the blower does not touch the fireplace base or the firebox.

Attach the connectors from the black and red wires to the blower.

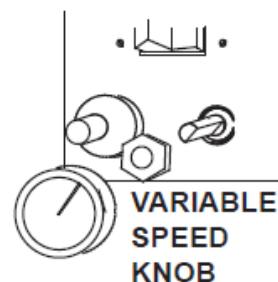
Attach and secure the variable speed switch using the nut provided. Plug the harness cord into the receptacle. The wire harness provided in this kit is a universal harness. When installed, ensure that any excess wire is contained, preventing it from making contact with moving or hot objects.



Because the blower is thermally activated when turned on, it will automatically start approximately 10 minutes after lighting the fireplace and will run for approximately 30-45 minutes after the fireplace has been turned off. Use of the fan increases the output of heat. Drywall dust will penetrate into the blower bearings, causing irreparable damage. Care must be taken to prevent drywall dust from coming into contact with the blower or its compartment. Any damage resulting from this condition is not covered by the warranty policy.

#### **THERMODISC INSTALLATION**

To simplify the installation of the thermodisc, we have installed the thermodisc on a mounting bracket with magnet. Attach the magnet to the top of the compartment where the blower is installed. Locate the thermodisc in the rear of the firebox.



## **ATTENTION!**



**The thermodisc is set to turn on at approximately 120° F and will shut off at approximately 90° F.**

**NOTE:** Blower **will not start** until thermodisc is heated to approximately 120° F. The thermodisc has been factory tested.

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