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GFK-160 Fireplace Blower and Controls

READ OWNERS INSTRUCTIONS CAREFULLY PRIOR TO INSTALLATION. DO NOT DESTROY.

DESCRIPTION

This blower is designed to circulate air through the fireplace to optimize heat output. A variable speed control may be provided with the blower system to allow the user to find the right balance of air flow and air flow noise. Also, a thermal sensor may be provided that automatically turns the blower ON or OFF based on temperature.

INSTALLATION

LOCATING THE BLOWER

Locate the blower almost all the way to the rear and center of the fireplace, leaving it about 1/4" from the back wall of the fireplace. Plug the blower cord into the blower (FAN) receptacle on the junction box. Attach the ground wire to the bottom of the junction box or to a good metal grounded source.

INSTALLING THE CONTROLS

Near the receptacle where the fan is plugged in should be two male terminals. These may be bare or connected with a jumper wire. In order for the fan receptacle to get power these two terminals must be wired together. Remove the jumper wire if connected and wire together one of the male terminals and the thermal switch by connecting the terminals with the included wires. Then, connect the thermal switch with the speed control in the same manner. Finally, connect the speed control with the other male terminal. Now, the circuit is controlled by the switch and speed control and when those units are activated it will allow the fan receptacle to receive power and turn on the blower. See wiring diagram for more information.

LOCATING THE THERMAL SWITCH

The included switch activates at 110F and then deactivates at 90F. Many fireplaces with have a ledge, bracket or mounting hole at which the switch can be located. However, as long as the switch receives the necessary temperature to activate then it will operate the blower as desired.

