

GFK-160C Fan Kit

Installation Instructions

GAS-FIRED



Introduction


This Fan Kit has been designed to circulate room air through the appliance to enhance heat output. This fan kit operates on 120VAC, 60 Hz power.

This fan kit is a replacement for some models already using the fan, or as an upgrade for IPI Plus or IFT control system appliances that currently use an auxiliary (AUX or ACM) module.

Installation Precautions

The Fan Kit is tested and safe when installed in accordance with this installation manual. It is your responsibility to read all instructions before starting installation and to follow these instructions carefully during installation to assure maximum benefit from, and safe operation of, the fan.

⚠ WARNING



Shock Risk
Explosion Risk

Do NOT wire 110-120 VAC to gas control valve.

Do NOT wire 110-120 VAC to wall switch

- Incorrect wiring will damage millivolt values.
- Incorrect wiring will override IPI safety lockout and may cause explosion.

⚠ WARNING



Shock Risk
Fire Risk

Use ONLY optional accessories approved for this appliance.

- Using non-listed accessories voids warranty.
- Using non-listed accessories may result in a safety hazard.
- Only Hearth & Home Technologies approved accessories may be used safely.

NOTICE: This appliance must be electrically wired and grounded in accordance with local codes or, in the absence of local codes, with **National Electric Code ANSI/NFPA 70-latest edition or the Canadian Electric Code CSA C22.1.**

CAUTION! Risk of Cuts, Abrasions or Flying Debris. Wear protective gloves and safety glasses during installation. Sheet metal edges are sharp.

Contents:

- Fan
- 1 Fastener Pack including 2 Pieces Foam Tape

Verify and remove contents from packaging before beginning installation.

CAUTION! Do not install damaged components.

Preparation

CAUTION! Risk of Burns!

- The fireplace should be turned off and cooled before kit is installed.
- Shut off gas supply.

Remove decorative front, glass assembly and logs if previously installed.

Installation Instructions

Typical Installation for New or Replacement Fan

1. Open the control access panel by pulling it up and out. See Figure 1.
2. Attach the foam strips, included in kit, to new fan as shown in Figure 2.
3. Insert the fan into the appliance with the air slots up. Insert the end first to the right side of the valve assembly. Be sure to avoid pulling any of the wires out of place. See Figure 3.
4. Rotate the fan so the back (with the foam strips) is flush and centered against the back of the appliance's outer shell. See Figure 4.



Figure 1 GFK-160C

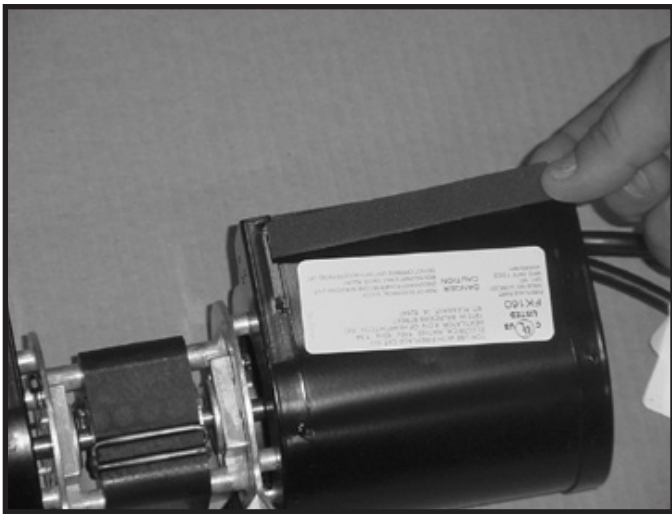


Figure 2 Attaching Foam Strips

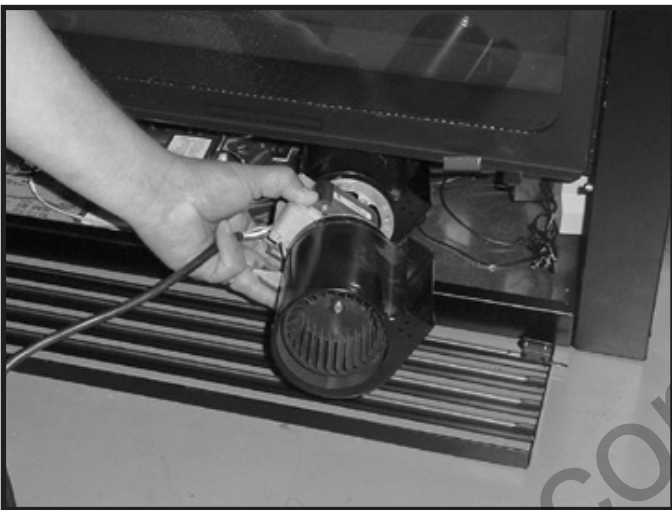


Figure 3 Insert the Fan Into the Appliance (Avoiding Wires)

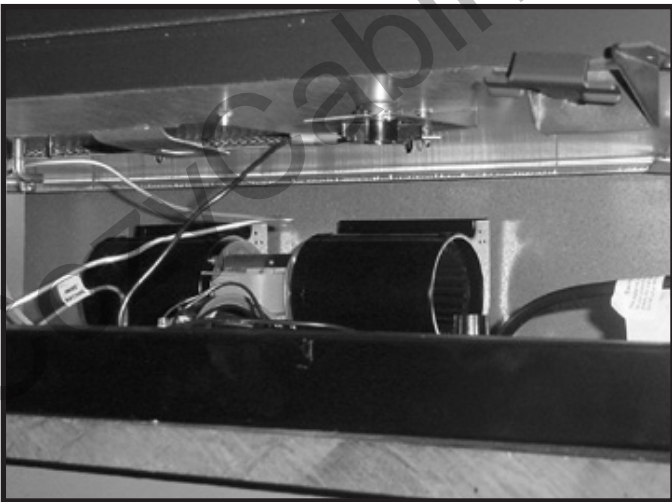


Figure 4 Positioning Fan

Installation

Attaching the Fan Electrical

(Non-AUX/ACM Equipped Appliances)

1. Unplug existing fan from its power source and remove from appliance.
2. Install new fan in same location and plug into the same power source as old fan.

Attaching the Fan Electrical

(AUX/ACM Equipped Appliances)

1. Plug the fan into the AUX or ACM module. See Figure 5.

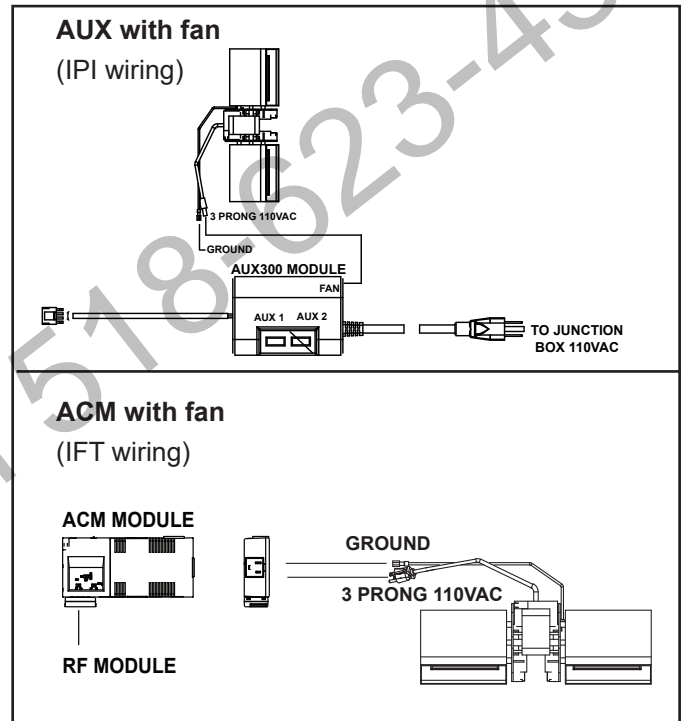


Figure 5 AUX/ACM Wiring

Note: If the fan is a new addition to an appliance with an IntelliFire Touch® (IFT) control system, it will be necessary to re-pair the remote control. The re-pairing procedure is explained in the instructions shipped with the remote control.

Please contact your Hearth & Home Technologies dealer with any questions or concerns.

For the location of your nearest Hearth & Home Technologies dealer, please visit www.hearthnhome.com.

Hearth & Home Technologies
7571 215th Street West, Lakeville, MN 55044
www.hearthnhome.com