

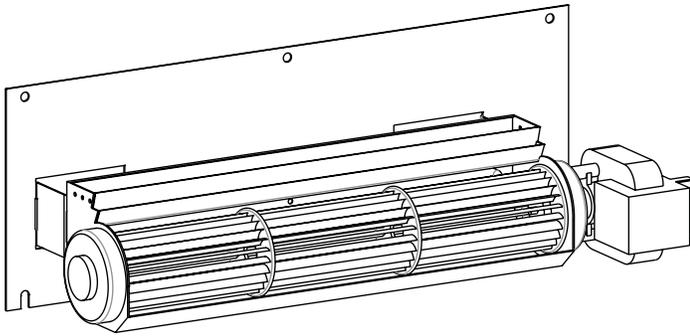
# INSTALLATION INSTRUCTIONS

## FBB7-1

### OPTIONAL BLOWER

FOR USE ON:  
UNVENTED GAS FIREPLACE INSERTS  
DIRECT VENT GAS FIREPLACE INSERTS

GAS-FIRED



LEAVE THIS MANUAL WITH THE OWNER FOR FUTURE REFERENCE.

**CAUTION:** Sharp edges, use protective gloves when installing.

**Attention:** Install blower assembly before connecting gas inlet supply line.

The appliance, when installed, must be electrically grounded in accordance with local codes or, in the absence of local codes, with the *National Electrical Code, ANSI/NFPA 70*. **This appliance is equipped with a three-prong (grounding) plug for your protection against shock hazard and should be plugged directly into a properly grounded three-prong receptacle. Do not cut or remove the grounding prong from this plug.** For an ungrounded receptacle, an adapter, which has two prongs and a wire for grounding, can be purchased plugged into the ungrounded receptacle and its wire connected to the receptacle mounting screw. With this wire completing the ground, the appliance cord plug can be plugged into the adapter and be electrically grounded.

Should this blower require servicing, the power supply must be disconnected. For rewiring of any replacement components, refer to the parts list.

**Caution:** Label all wires prior to disconnection when servicing controls. Wiring errors can cause improper and dangerous operation. Verify proper operation after servicing.

**Attention:** If installed, do not damage gas inlet supply line when blower assembly is inserted into firebox. In some cases, removal of the gas inlet supply line may be necessary.

1. If installed, turn OFF gas supply to fireplace insert.
2. If applicable, turn OFF electric supply to junction box that the blower will be connected.
3. If installed, pull fireplace/insert out from enclosure or fireplace and turn unit so back of the fireplace can be accessed.
4. Remove back cover panel by removing the six (6) screws on the perimeter of the back cover. See Figure 1.
5. Begin by positioning the blower assembly at the back of the unit and guiding the rheostat assembly towards the left of center of the unit.
6. Determine which side the valve bracket the thermal switch will need to locate (See Figure 3) and route the switch to that side of the fireplace.
7. Pull the rheostat and fan switch forward and position the

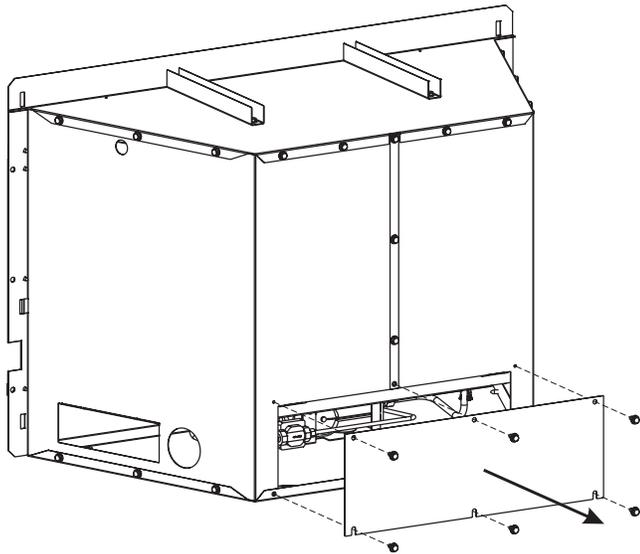
blower on the back of the firebox. Take care that any wiring is not interfering with the blower.

8. Secure the blower to the firebox with six (6) screws on the perimeter of the blower mounting plate. See Figure 2.
9. Position the rheostat to the right of the valve when looking at the front of the unit. See Figure 3.
10. Position the fan switch under the burner base and valve bracket as shown in Figure 3.
11. Route the power cord through the side of the fireplace and plug into the electrical outlet.
12. Install the fireplace per the Installation Instructions supplied with the fireplace.

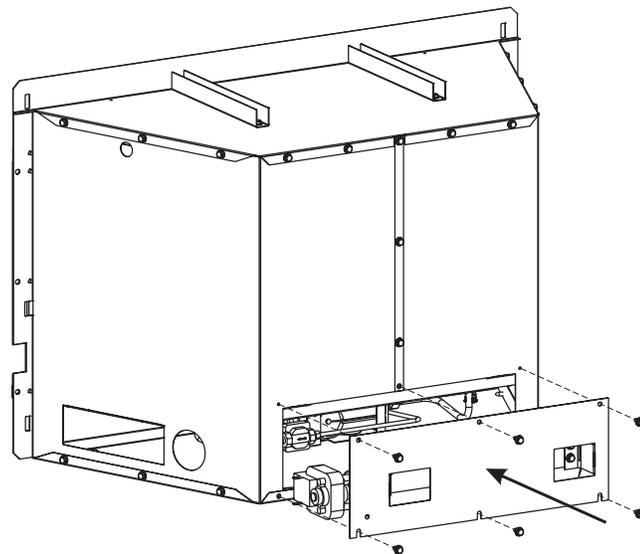
#### Operation

1. This blower accessory includes a fan control switch, plus a rheostat (speed control).
2. The speed control knob is located at the bottom at the right side of the fireplace.
3. From a cold start, the temperature activated fan control switch will normally take 5 - 10 minutes to heat up and energize the blower.
4. Start the blower in the "High" setting.
5. Once the blower is energized, adjust the blower speed control as desired.
6. When the flame is shut off, it may take 30 - 40 minutes for the heat in the unit to dissipate (cool down) enough for the blower to shut off automatically.

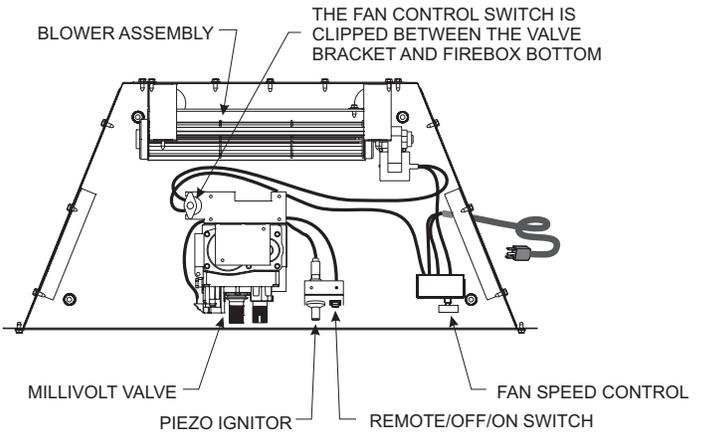
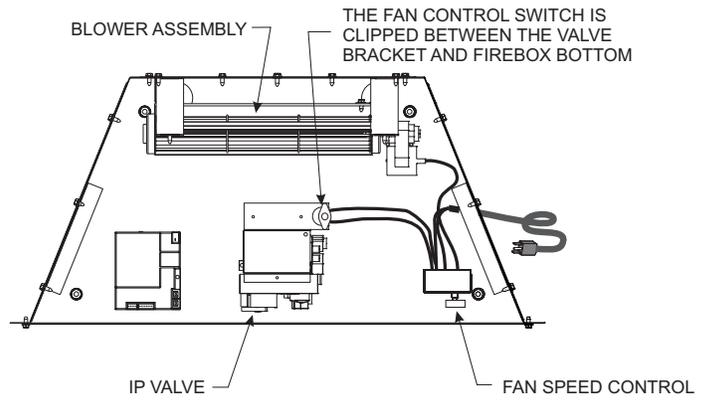
**Note:** The blower shut off times will vary on blower speed and BTU input level setting control by adjustment of the HI/LO knob located on the gas valve.



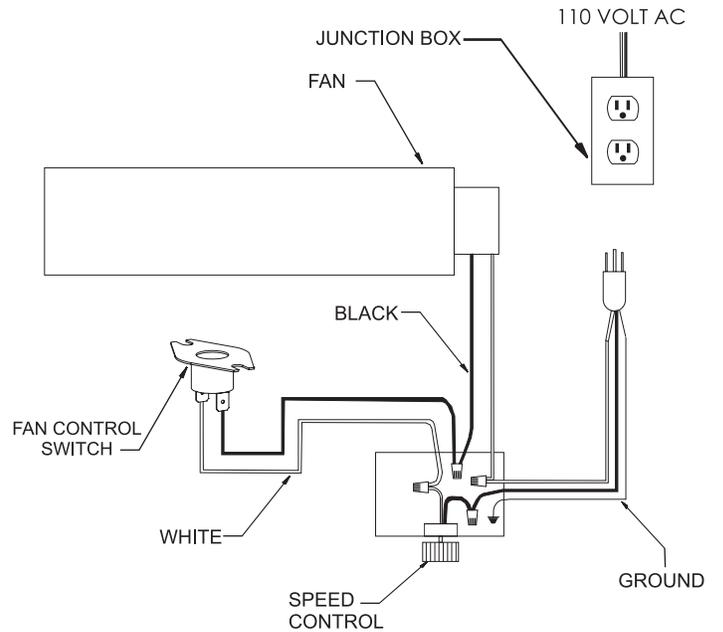
**Figure 1**



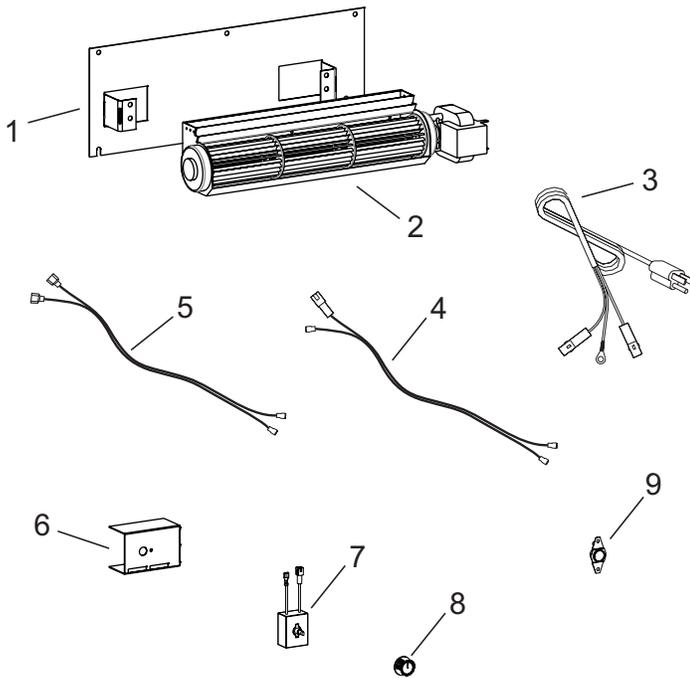
**Figure 2**



**Figure 3**



**Figure 4**



Index Number	Part Number	Description
1	22954	Blower Bracket
2	R9927	Blower Assembly
3	R2204	Cord Set
4	R7831	Blower Wire Harness
5	R7912	Fan Control Wire Harness
6	23003	Rheostat Bracket
7	18879	Rheostat Assembly
8	R4192	Rheostat Knob
9	R7649	Fan Control

## HOW TO ORDER REPAIR PARTS

### Parts Not Under Warranty

Parts can be ordered through your Service Person, Dealer, or a Master Parts Distributor. See Owner's Manual for the Master Parts Distributors list. For best results, the **service person or dealer** should order parts through the distributor. Parts can be shipped directly to the **service person/dealer**.

### Warranty Parts

Warranty parts will need a proof of purchase and can be ordered by your Service Person or Dealer. Proof of purchase is **required** for warranty parts.

All parts listed in the Parts List have a Part Number. When ordering parts, first obtain the Model Number and Serial Number from the name plate on your equipment. Then determine the Part Number (**not** the Index Number) and the Description of each part from the following illustration and part list. Be sure to give all this information . . .

Appliance Model Number \_\_\_\_\_ Part Description \_\_\_\_\_

Appliance Serial Number \_\_\_\_\_ Part Number \_\_\_\_\_

Type of Gas (Propane or Natural) \_\_\_\_\_

Do not order bolts, screws, washers or nuts. They are standard hardware items and can be purchased at any local hardware store.

Shipments contingent upon strikes, fires and all causes beyond our control.



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If you have a general question about our products, please e-mail us at  
[info@empirecomfort.com](mailto:info@empirecomfort.com).

If you have a service or repair question, please contact your dealer.

**[www.empirecomfort.com](http://www.empirecomfort.com)**