

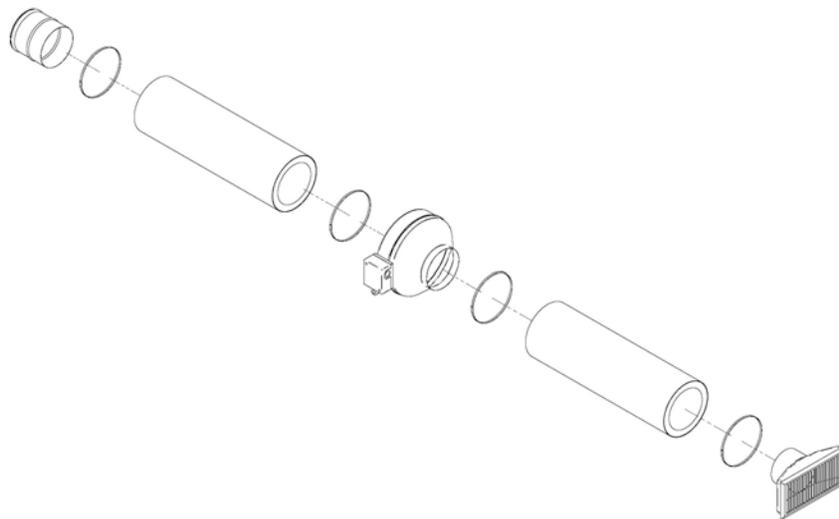


## FORCED AIR DISTRIBUTION KIT **AC01363**

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# INSTALLATION INSTRUCTIONS

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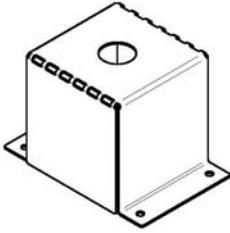
**THE FORCED AIR DISTRIBUTION KIT (AC01363) WITH HEAT ACTIVATED SYSTEM, CAN BE INSTALLED ONLY WITH THE GRAVITY KIT - MODERN STYLE (AC01385), AND ARE SOLD SEPARATELY.**



*This manual is available for free download on the manufacturer's web site. It is a copyrighted document. Re-sale is strictly prohibited. The manufacturer may update this manual from time to time and cannot be responsible for problems, injuries, or damages arising out of the use of information contained in any manual obtained from unauthorized sources.*

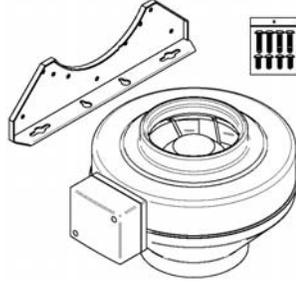
**This forced air kit contains the following parts:**

PL66622



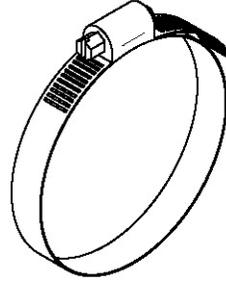
**1x**

44142



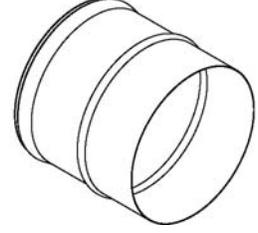
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49027



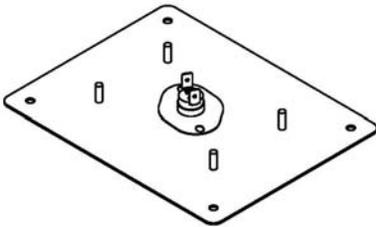
**4x**

49090



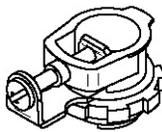
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PL66623 + 44028



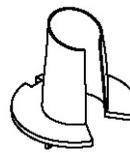
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60201



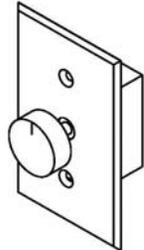
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30414



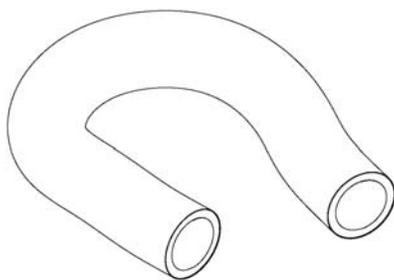
**1x**

44131



**1x**

**Other accessories required (not included):**

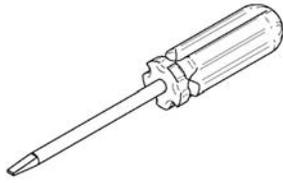


AC01350 – Insulated flexible aluminized trilaminated pipe 6" x 25'

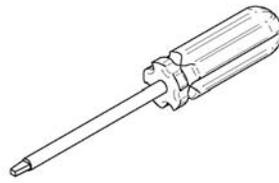


Air register

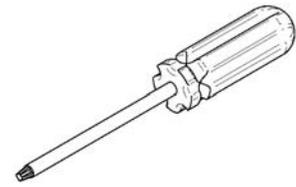
**Tools required for installation:**



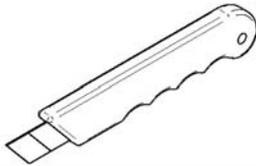
Flat Screwdriver



Robertson Screwdriver



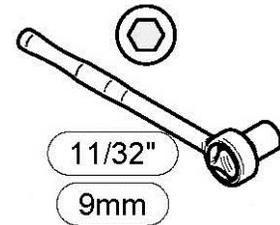
Phillips Screwdriver



Utility knife



Cutting pliers



Ratchet with 11/32" (9mm)  
hexagonal socket

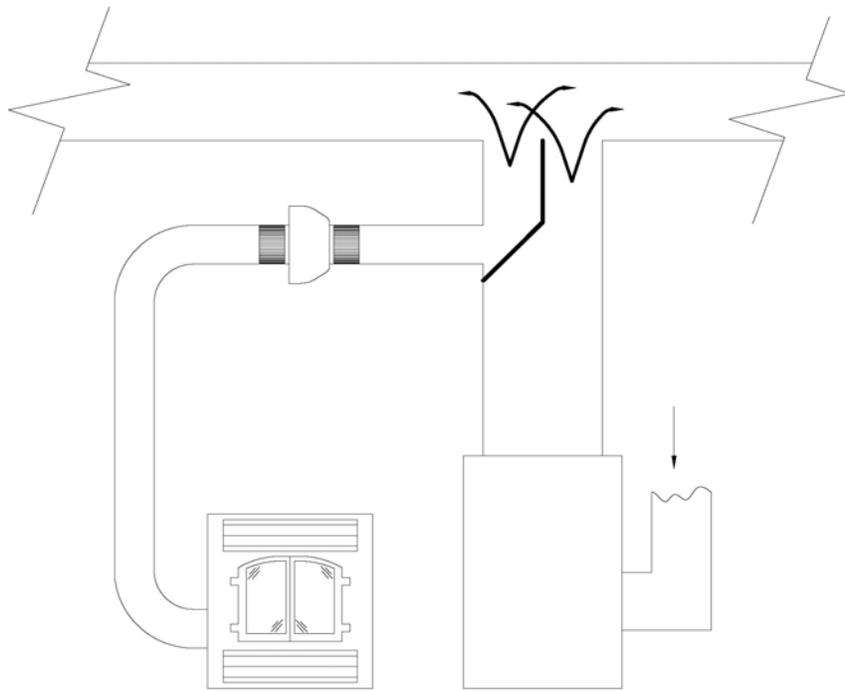
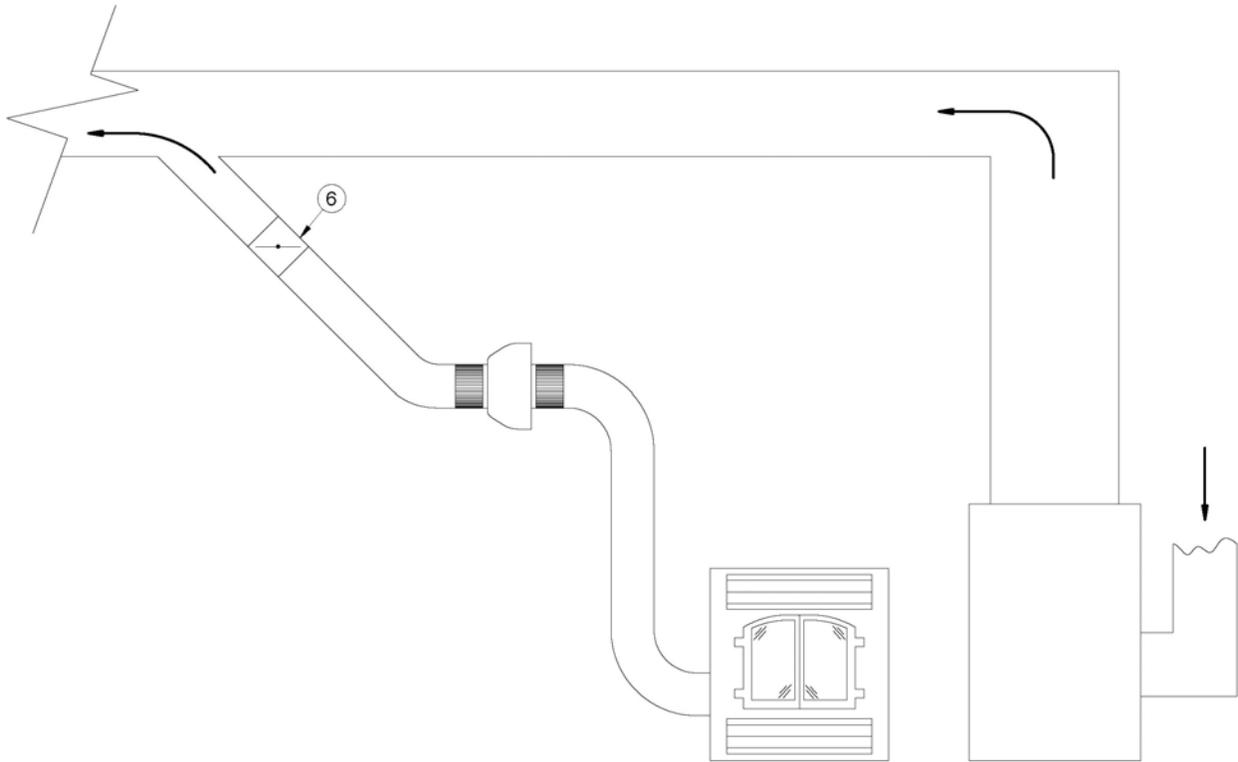
**FORCED AIR KIT AC01363**

**Warning**

In Canada, the connection of A forced air kit to a furnace duct is prohibited, unless local building codes allow it. This type of installation is allowed in the USA (UL 391 Standards). **However, do not connect any hot air ducts to the cold air return.** If the forced air kit pipe is to be connected to a furnace hot air distribution system, a backflow shutter (#6, not included) must be installed between the forced air kit fan and the central system hot air duct. To favor an optimum air distribution, it is recommended to connect the forced air kit pipe to the furnace duct using an angled connector oriented towards the air outlet.

If the fireplace is in a small room, the fan can be used to distribute excess heat in a determined area of the house. **A certain loss of heat is to be expected more the duct length increase.**

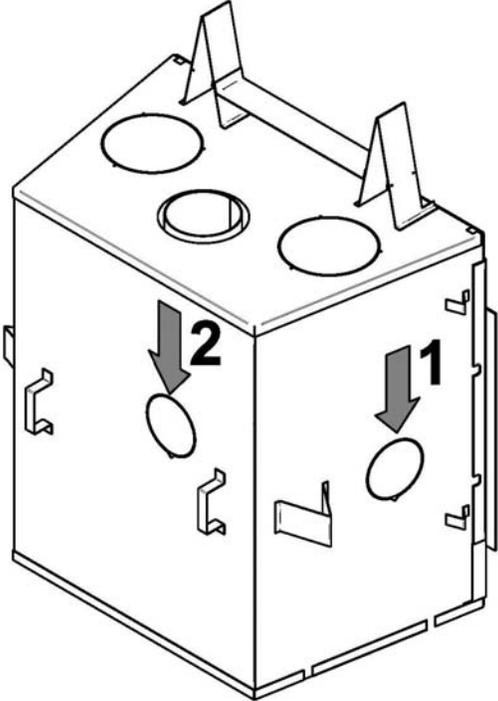
# Forced Air Kit



# FORCED AIR KIT INSTALLATION (AC01363)

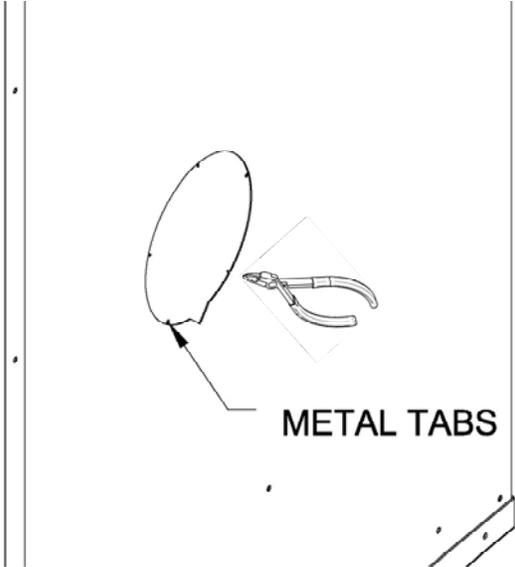
## 1

Warm air outlet can be connected on the left side (1) or on the back (2) of the unit. Remove the knock-out on the selected side.



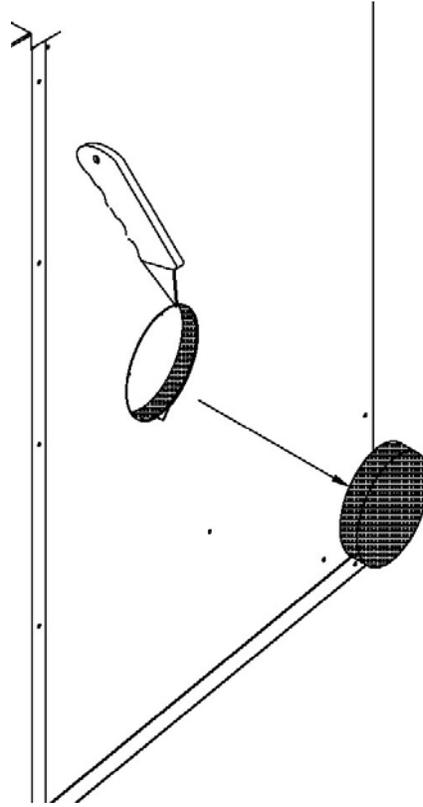
## 2

If the metal tabs did not come out with the knock-out, cut or file the remaining tabs on the perimeter of the opening.



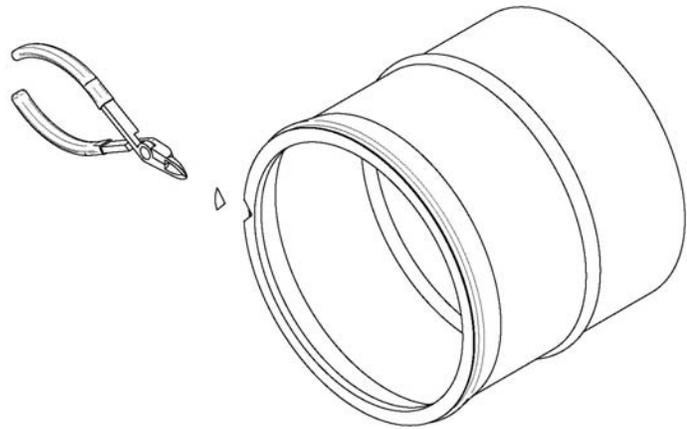
### 3

Cut out the insulation to the size of the opening.



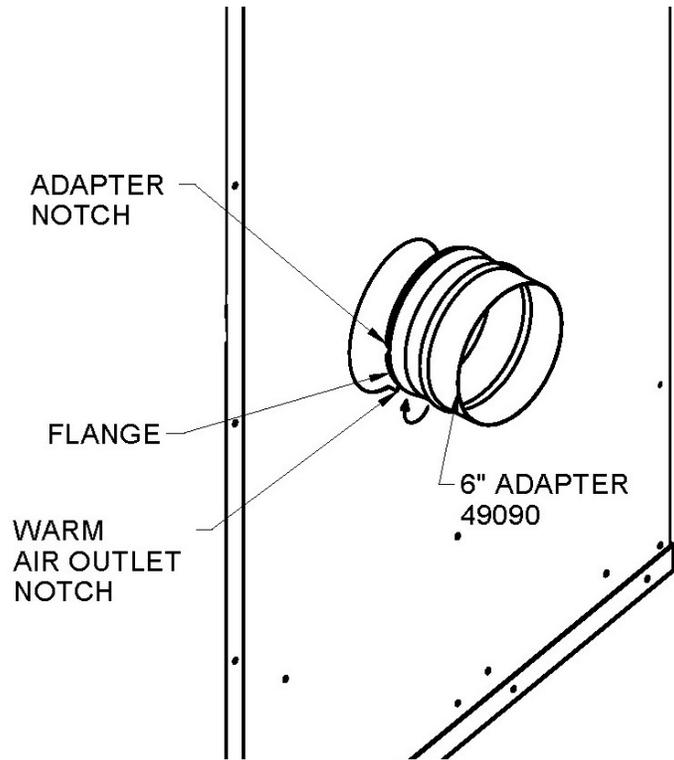
### 4

Cut a notch on the perimeter of the adaptor as shown.



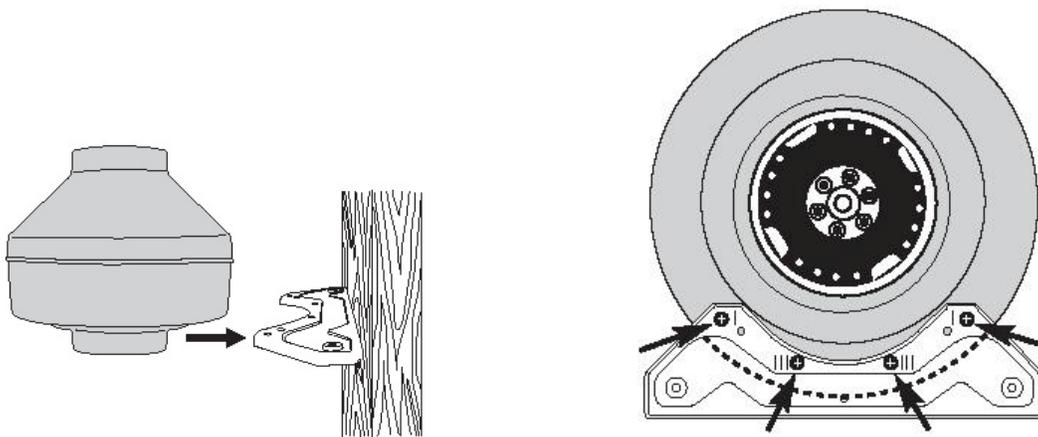
# 5

Align the adapter notch with the fireplace warm air outlet notch and turn until the flange is fully inserted. The adapter is well in place when its flange is completely inserted and the adapter can rotate freely.



# 6

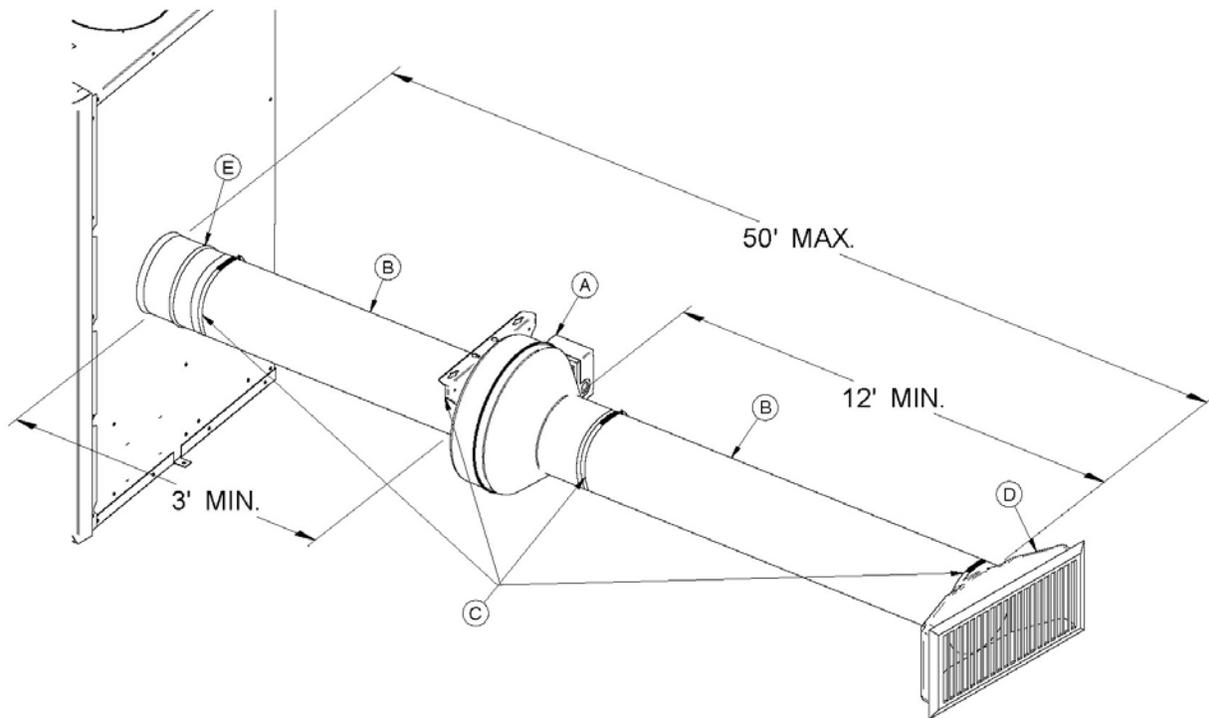
Install the heat distribution blower in a location where, you will have access for maintenance and somewhere the fan's noise will not be disturbing.



- \*Note: The heat distribution blower must be positioned at a minimum distance of 3 feet from the fireplace and outside of its enclosure.
- \*Note: The length of the insulated flexible pipe between the fan and the air outlet must be no less than 12 feet.
- \*Note: A minimum clearance to combustible materials of 2 inches from the heat distribution blower is required.
- \*Note: The heat distribution blower can be installed horizontally, vertically or at any angle.

## 7

Connect the insulated flexible aluminized trilaminated pipe (B) to the fireplace adapter (E), then to the inlet of the heat distribution blower (A) using two clamp collars (C). Use the same procedure to secure the insulated flexible pipe to outlet of the heat distribution blower (A) and to the air register (D). Although it is not mandatory, it is recommended to use insulated flexible pipe for the entire length in order to circulate air at a sufficient temperature through the system. To obtain optimal efficiency, a maximum run of 50 feet is recommended.



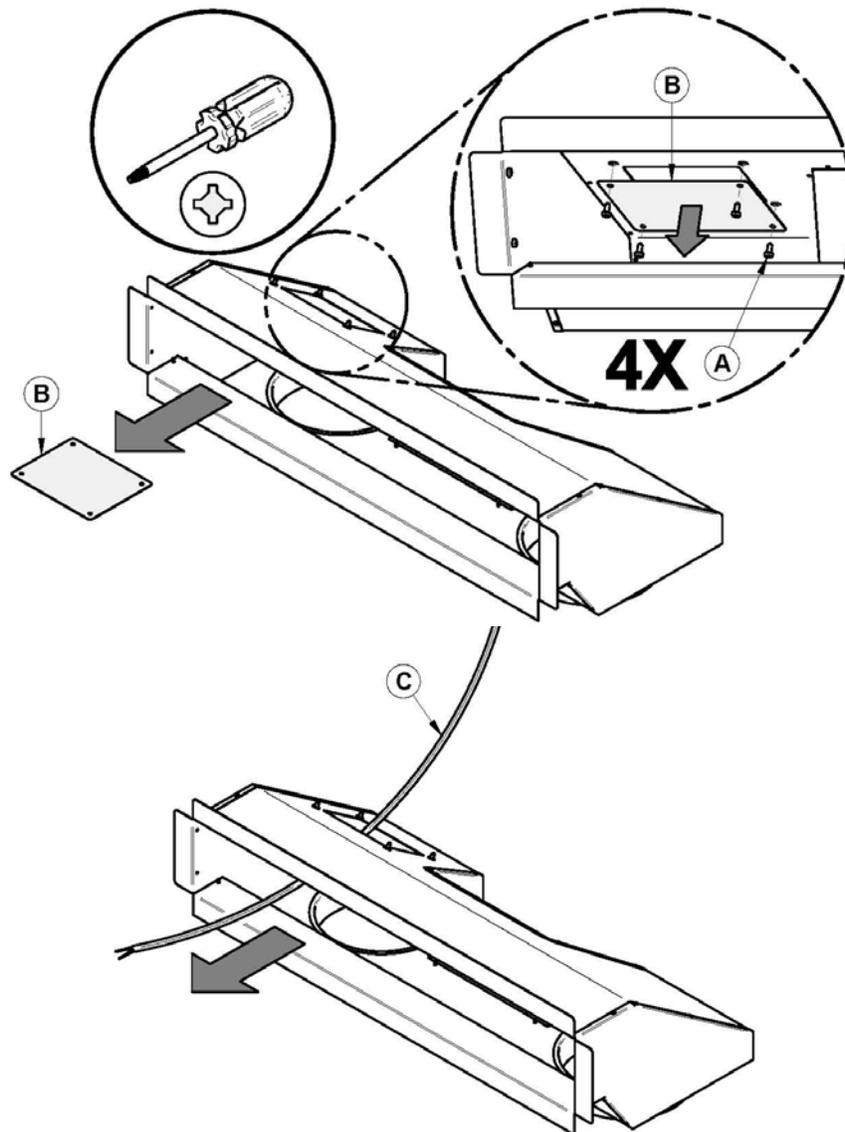
# HOT AIR GRAVITY KIT - MODERN STYLE (AC01385) INSTALLATION

**CAUTION: THE HOT AIR GRAVITY KIT (AC01385) IS MANDATORY AND MUST BE COMBINED TO THE PRESENT FORCED AIR KIT (AC01363).**

For the forced air kit to function properly it must be installed to a thermal switch. To do so, follow the following steps.

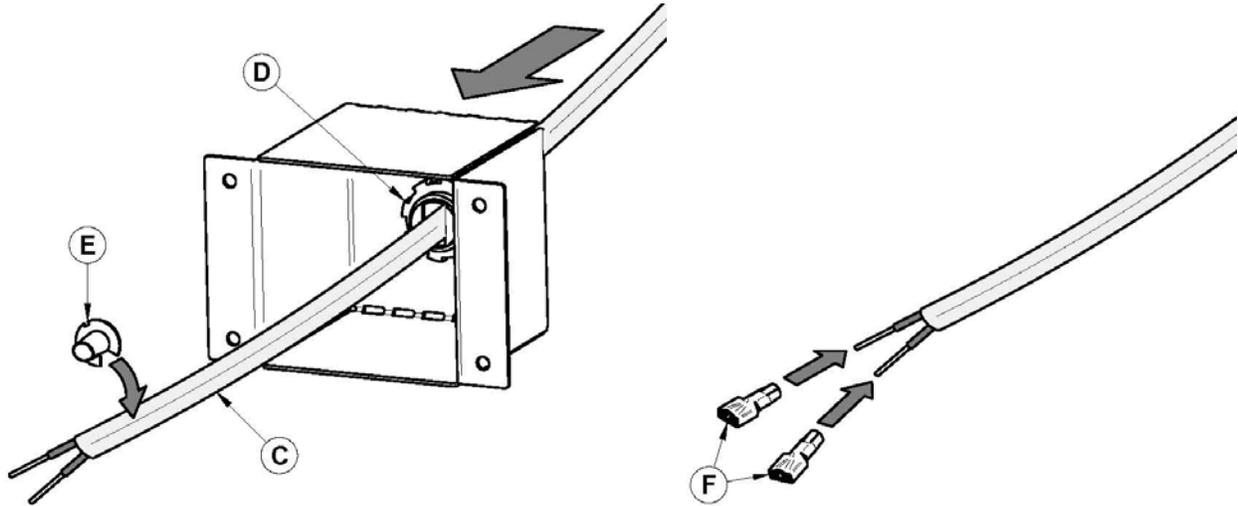
## 1

Remove the 4 screws (A) (set a side) that hold the access panel (B) of the box. Pass a cable (C) 14/2 (14 AWG) through the hot air gravity box



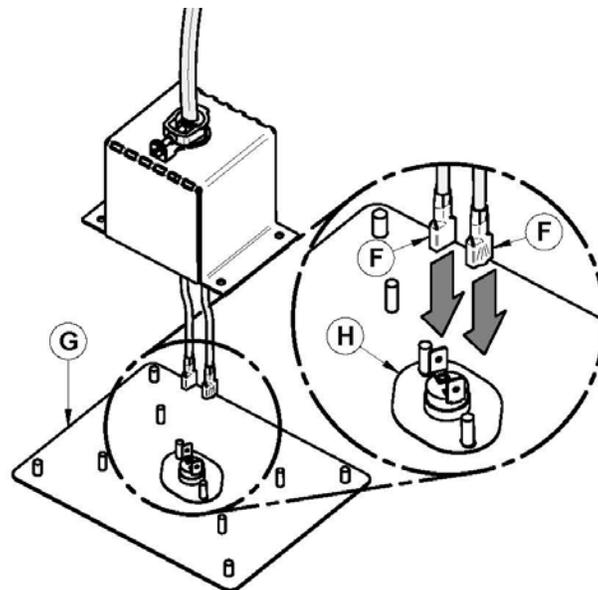
## 2

Pass the same previously mentioned cable through the cable connector (D) of the thermal switch box. Strip the cable end (E) and connect 2 terminals (1/4 not supplied) (F).



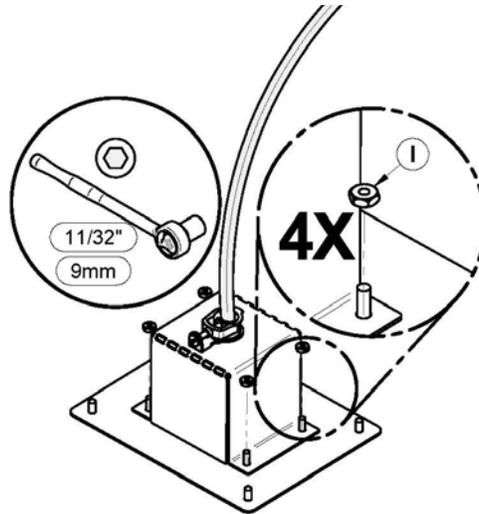
## 3

Connect the terminals (F) to the thermal switch (H) already preassembled to its mounting plate (G).



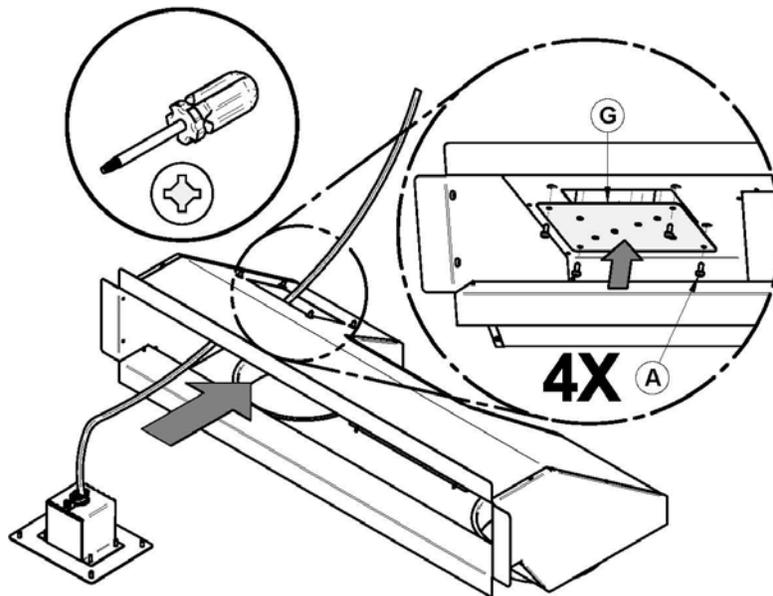
# 4

Tighten the cable connector and attach the box with the help of the 4 nuts (I) provided.



# 5

Mount the thermal switch box (G) into the hot air gravity box using the previous 4 screws (A).



It is strongly recommended to use the rheostat to allow turning OFF the heat distribution blower manually before you open the fireplace doors. **If the blower is running, the smoke could be drawn out of the fireplace instead of up the chimney and sparks may be drawn into the insulated flexible pipe of the forced air kit.** Note that this rheostat will not turn the heat distribution blower ON unless the fireplace is hot enough (See **Figure 1**).

Figure 1

