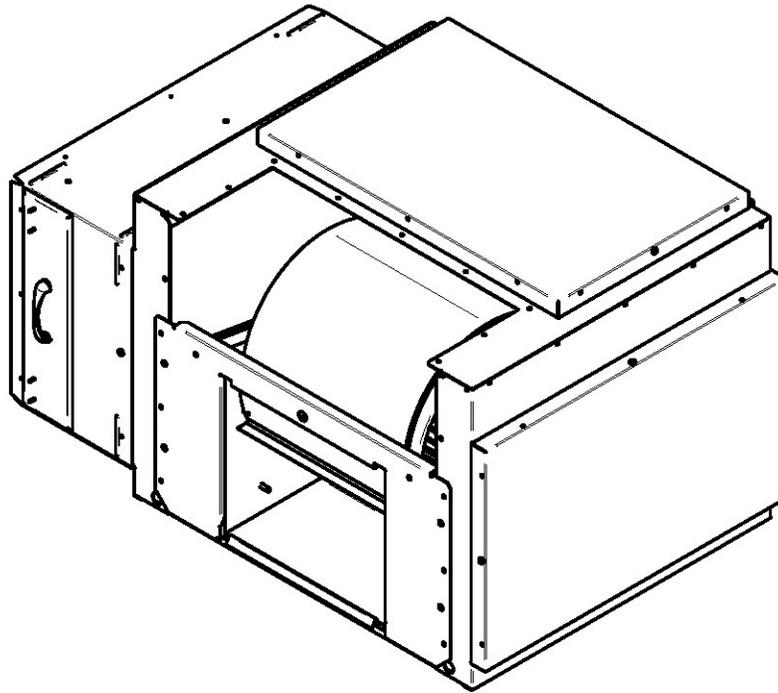




INSTALLATION INSTRUCTIONS FOR THE CADDY ADVANCED FURNACE BLOWER BOX

PA08585/PA08586



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**Eco-energy at the hearth
of your home**

CADDY
250, de Copenhague,
St-Augustin-de-Desmaures
(Quebec)
CANADA G3A 2H3

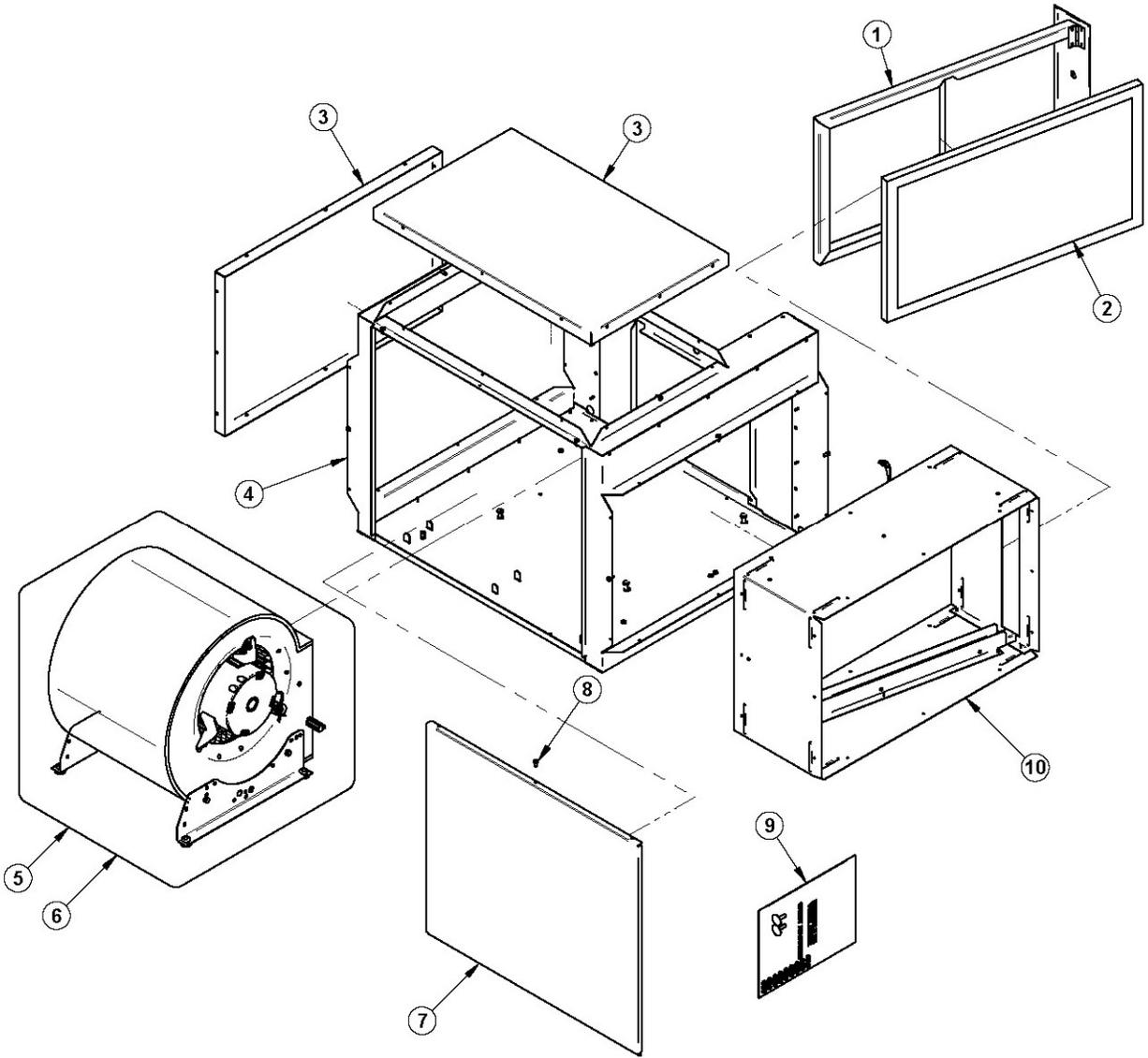
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If you are installing the duct support on top of the fan housing, you will need to install the top air return plenum kit PA08506 (not included).

For installation instructions of the other components of the furnace (temperature sensor, servomotor, electronic boards) as well as electrical diagrams for the wood-electric or wood-oil combination furnace refer to the Caddy Advanced furnace user's manual.

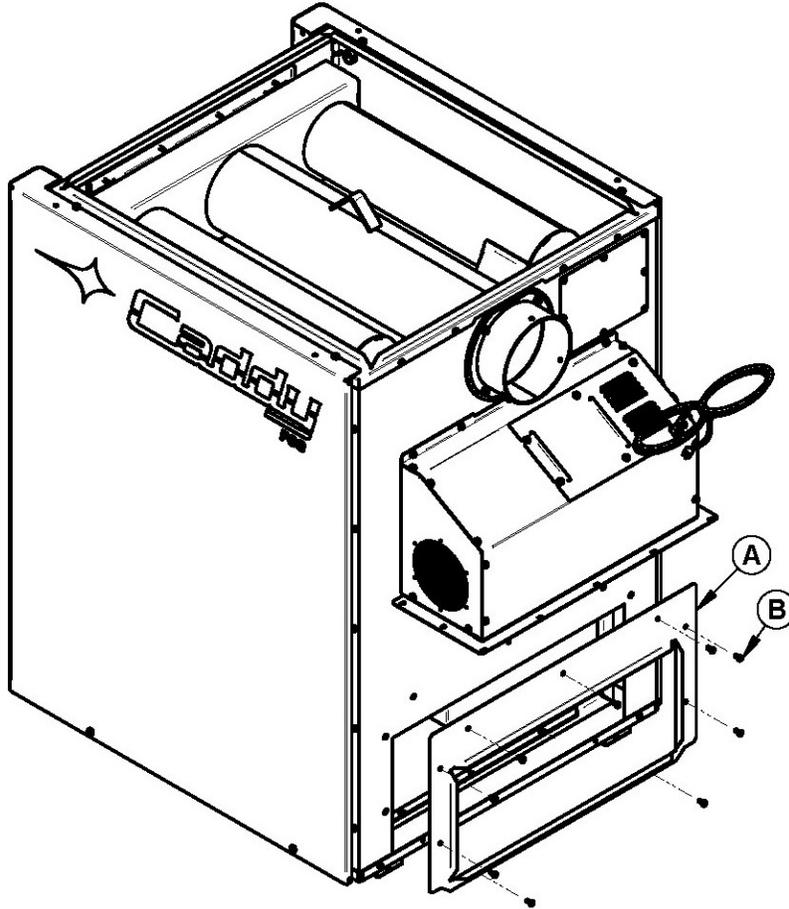
CONTENT OF THE BOX (PA08585 & PA08586)		
1	CARDBOARD AIR FILTER 25" X 14" X1" FILTER SUPPORT ASSEMBLY	1x
2	CARDBOARD AIR FILTER 25" X 14" X1"	1x
3	BLOWER BOX SIDE PANEL	2x
4	BLOWER BOX ASSEMBLY	1x
5	G10 BLOWER ASSEMBLY WITH REGULAR 1/3HP MOTOR	1x
6	G10 BLOWER ASSEMBLY WITH ECM 1/2HP	1x
7	MOTOR BLOWER ACCESS DOOR	1x
8	BLACK SCREW #10 X 5/8" QUADREX #2 TYPE A	36x
9	BLOWER BOX MANUAL KIT	1x
10	DUCT SUPPORT ASSEMBLY	1x



1 BLOWER BOX ASSEMBLY INSTRUCTIONS

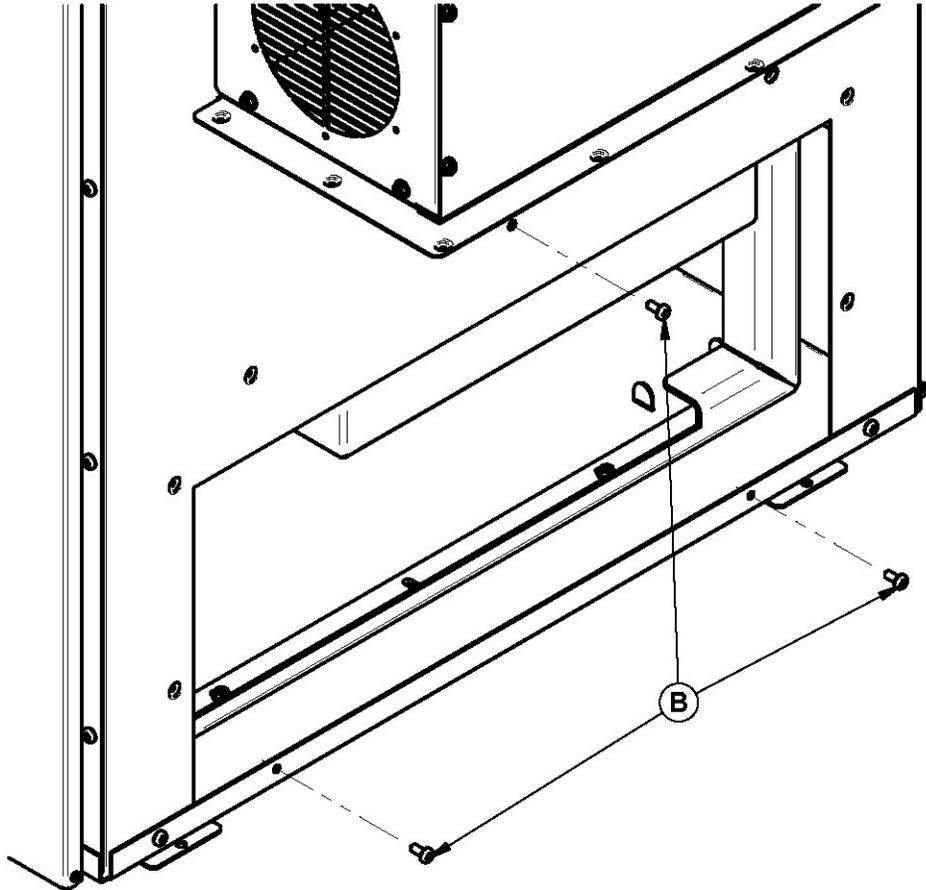
Step 1

- ✓ Unscrew the screws (C) and keep them.
- ✓ Dispose of the part (A).



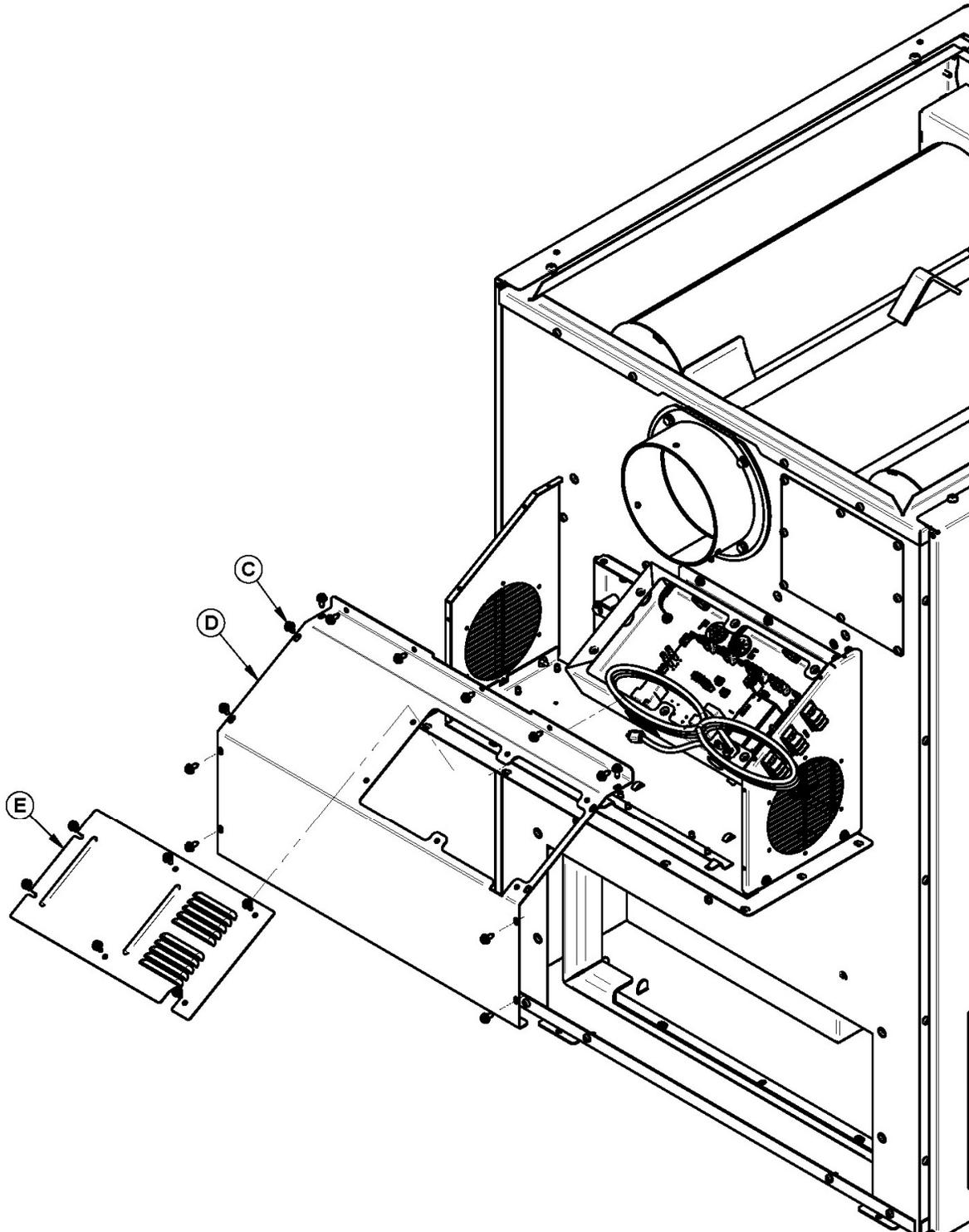
Step 2

- ✓ Take 3 screws (B), kept in the previous step, and reinstall them as the picture below.



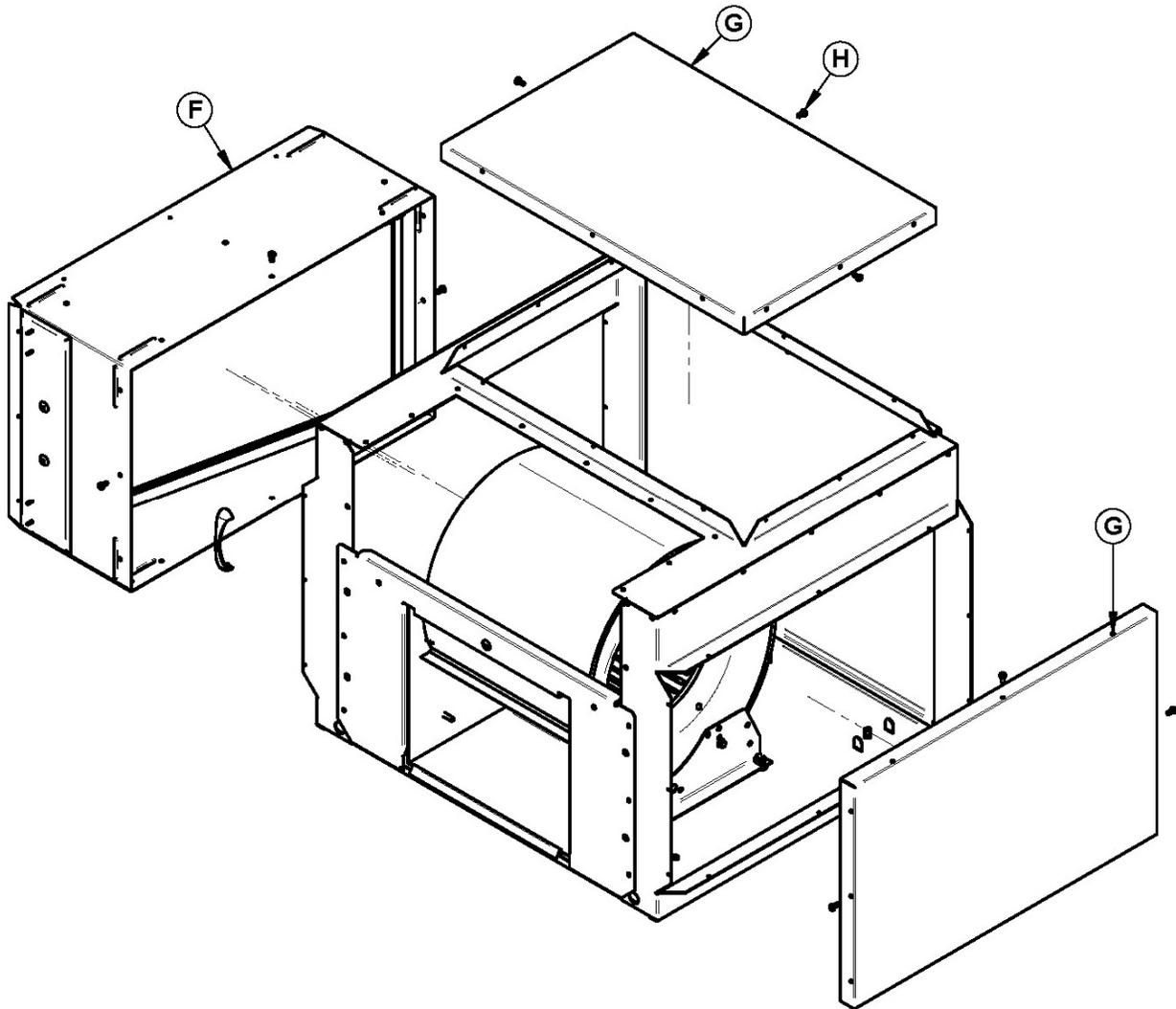
Step 3

- ✓ Unscrew the screws (C) used to secure the electronic board cover plate (E) and the protective housing (D) and of the furnace as shown. Keep all parts from this step.



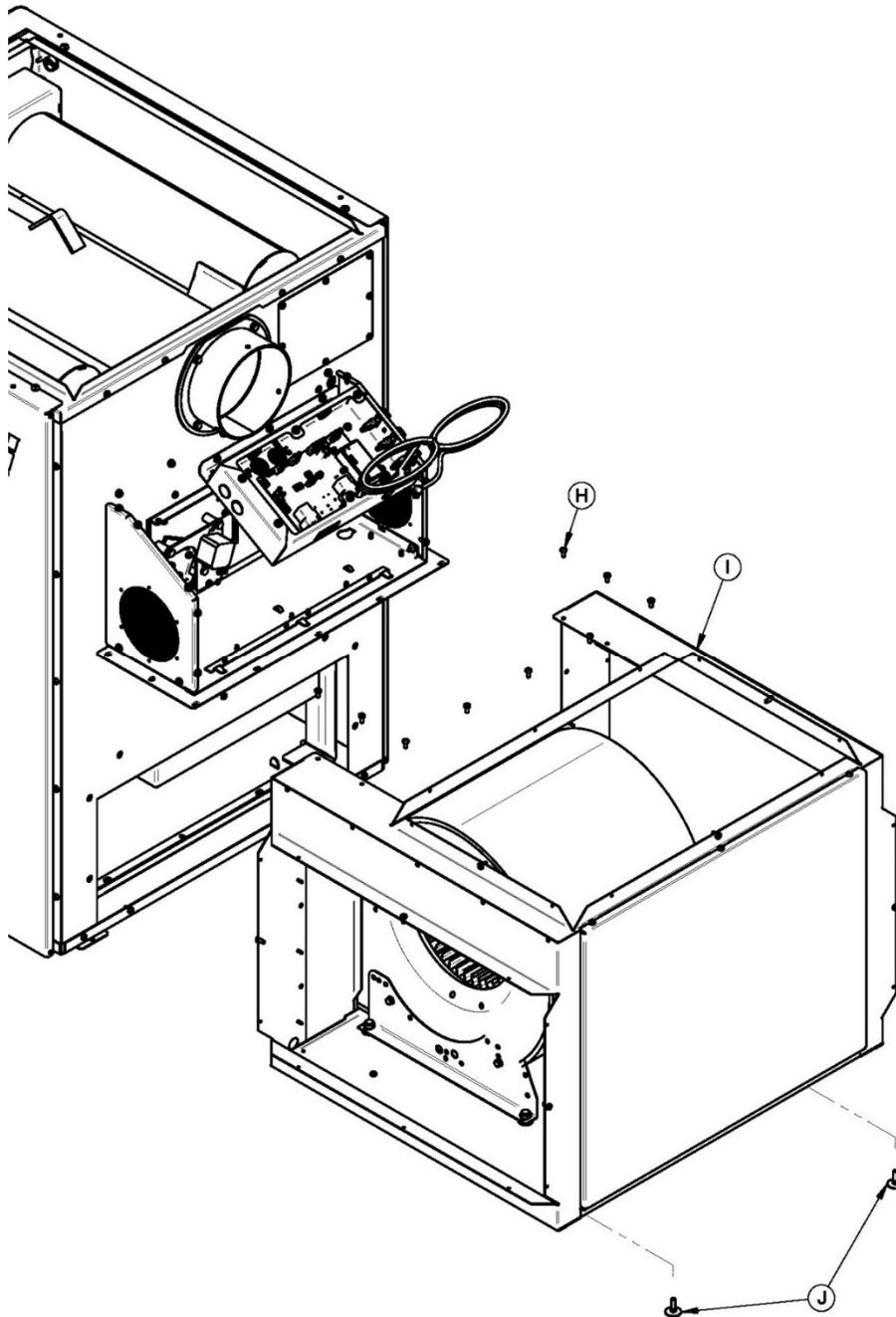
Step 4

- ✓ Unscrew the screws (H) of parts G and F.
- ✓ Remove them and keep them.



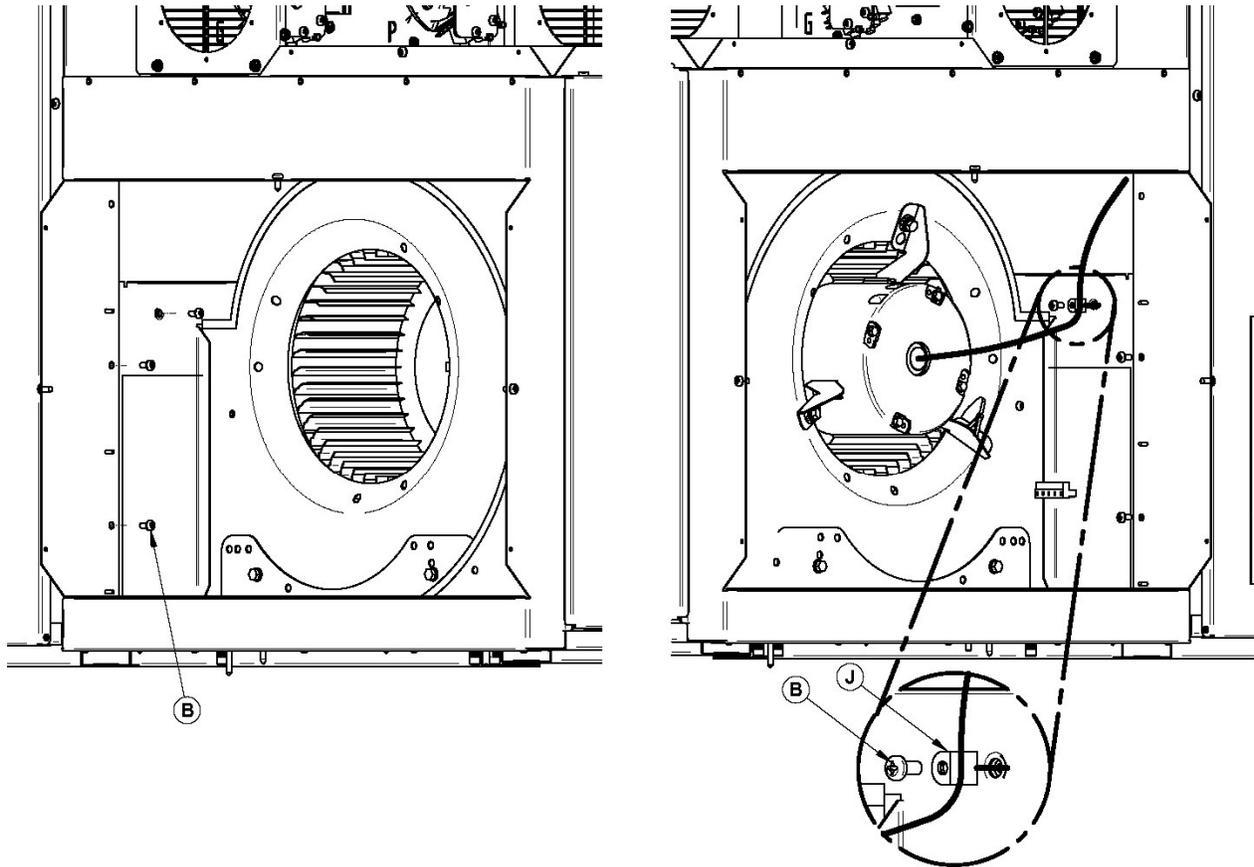
Step 5

- ✓ Install the leveling bolts (J).
- ✓ Put the blower box in place.
- ✓ Using the screws (H) contained in the instruction manual kit, secure the box in place.



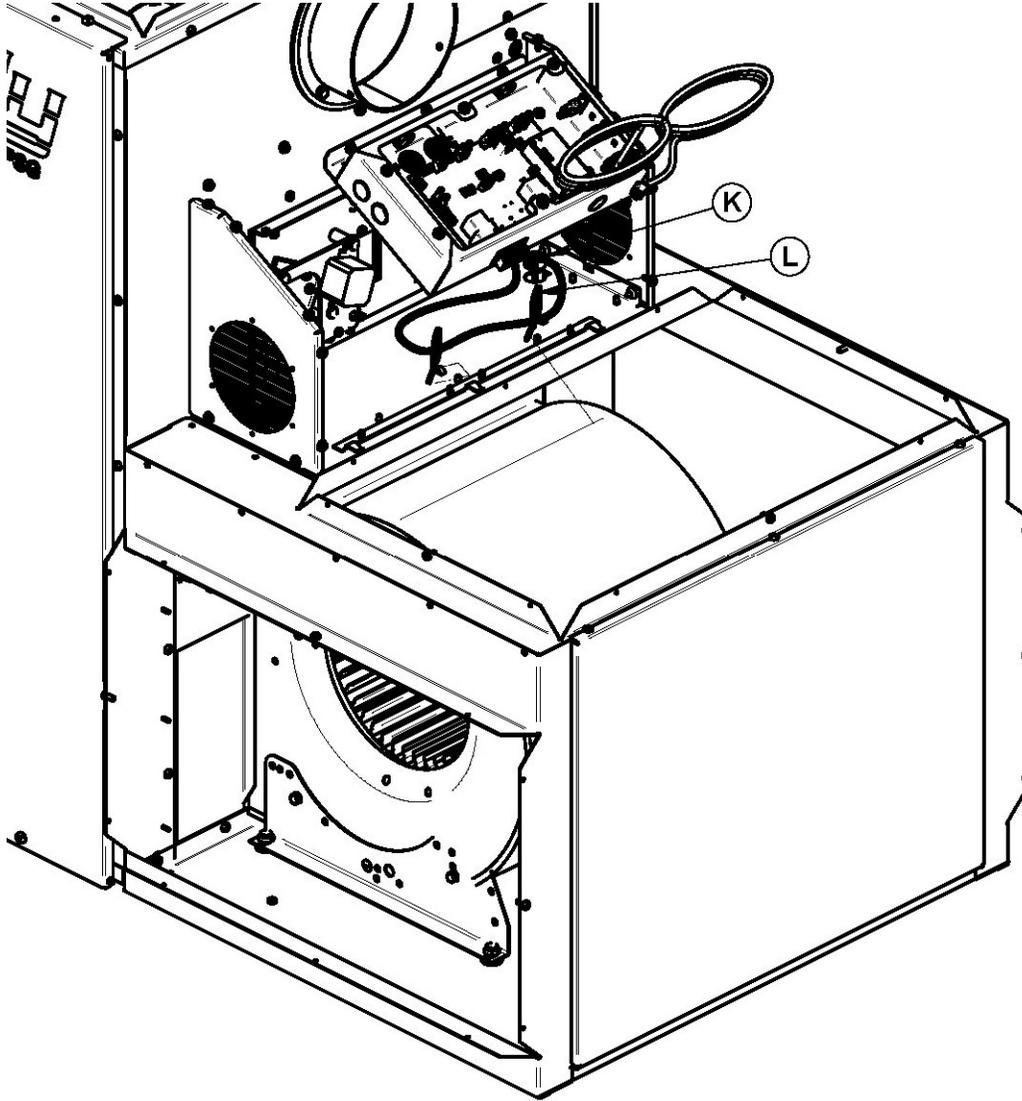
Step 6

- ✓ Using the screws (B), kept in step 1, finish fixing the blower box.
- ✓ Take the blower wire and pass it through the grommet (J) contained in the manual kit.



Step 7

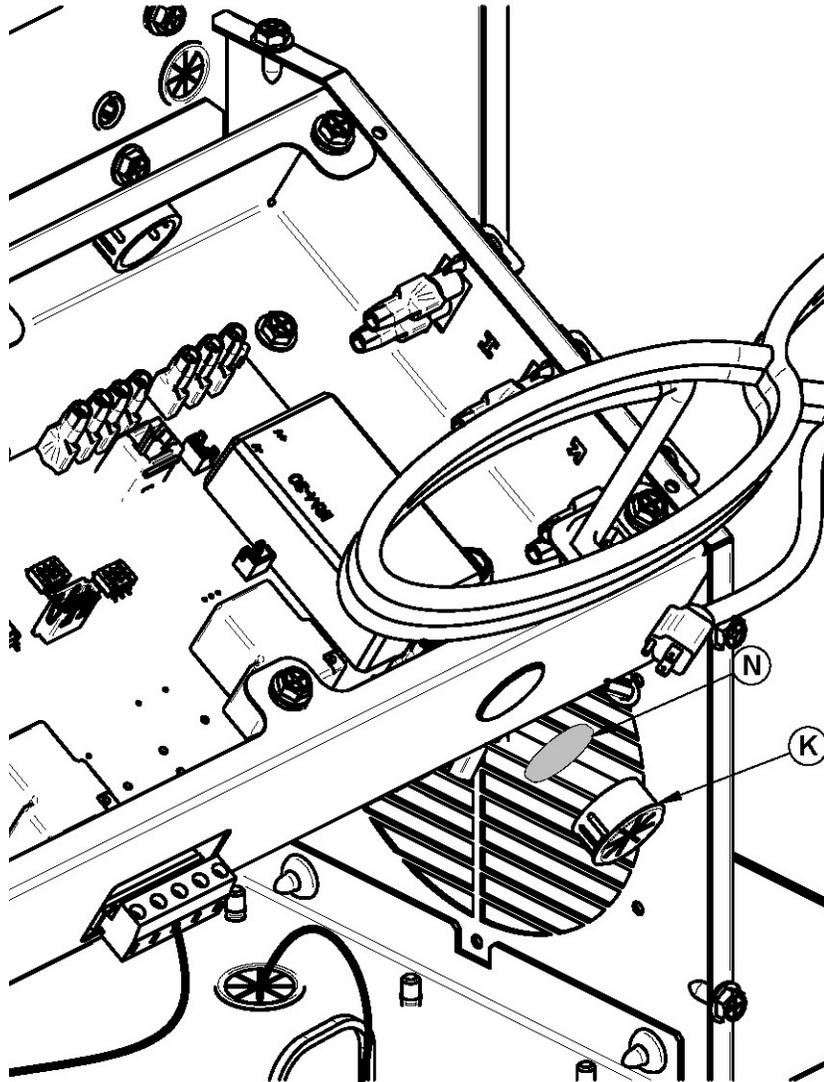
- ✓ Install the blower wire in the grommet (K).
- ✓ Pull the excess wire to secure with the Ty-Rap (L) provided in the manual kit.



Caution! The following steps apply only to the connection of the ECM motor.

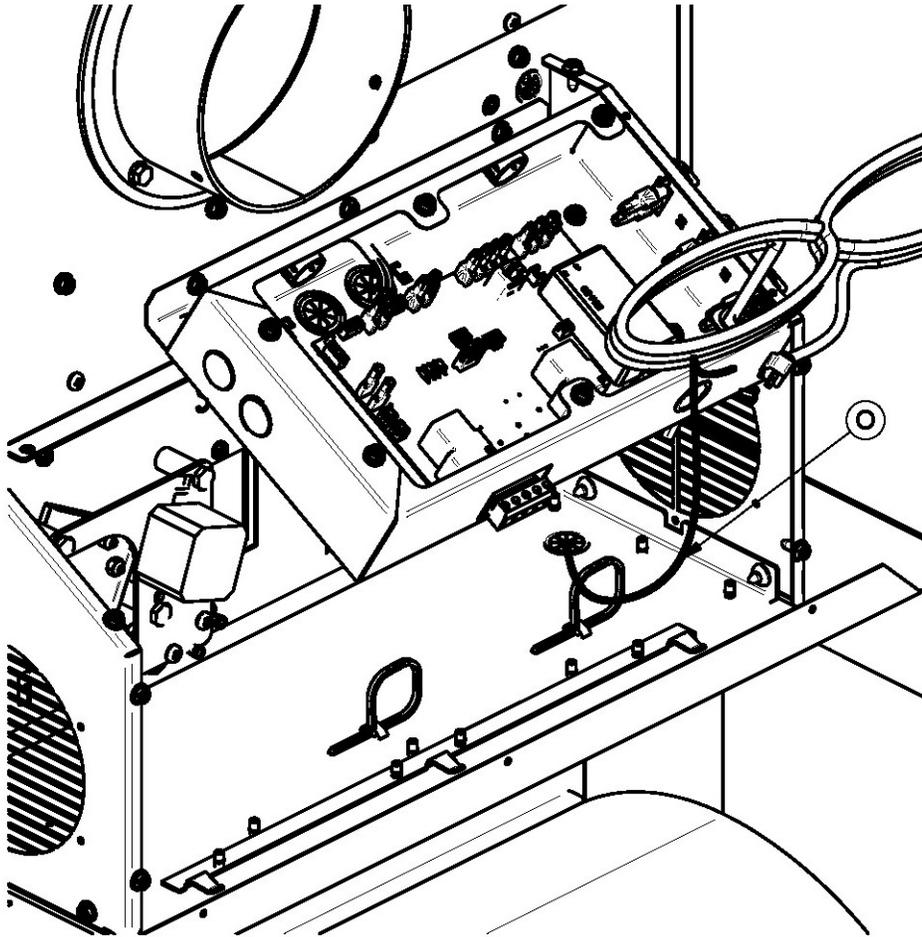
Step 8

- ✓ Remove part (N) to install the grommet (K).



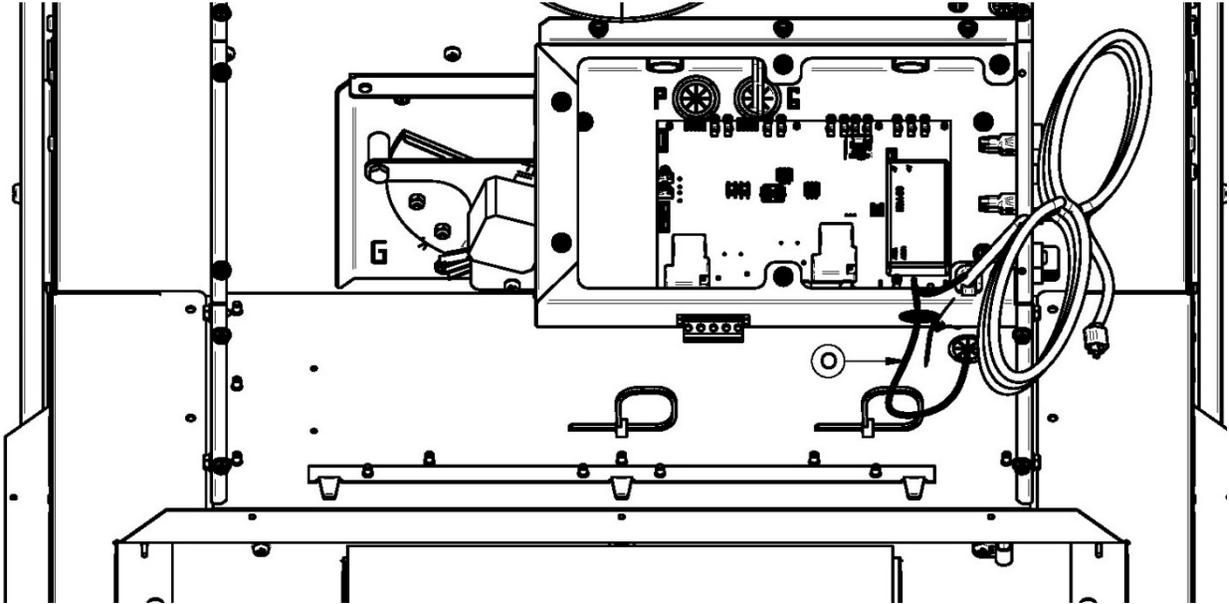
Step 9

- ✓ Take the black wire coming from the blower and connect the wire (O) contained in the manual kit and pass it through the 2 grommets; one from the blower box and one from the electronic card box.
- ✓ The wire (O) is Y-shaped and contains the fuse holder.
- ✓ The fuse used is 1/4" x 1 1/4" | 10A | 250V.



Step 10

- ✓ Disconnect the black wire from the electronic board and connect the wire from the blower.
- ✓ Take the unplugged wire from the power cord and connect it to the wire coming from the blower.



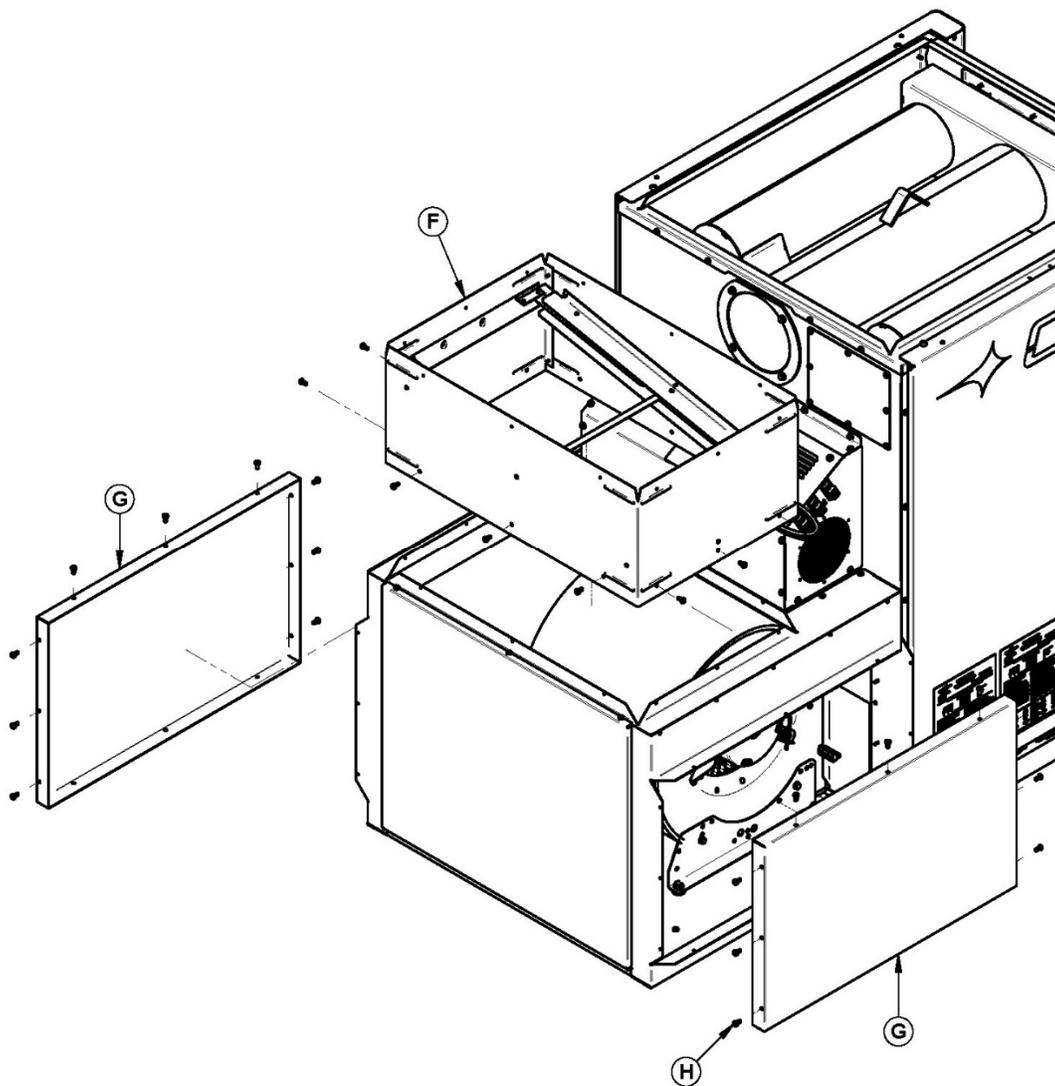
2 DUCT SUPPORT INSTALLATION

You can install the duct support on the **TOP**, **RIGHT** or **LEFT** side of the blower box.

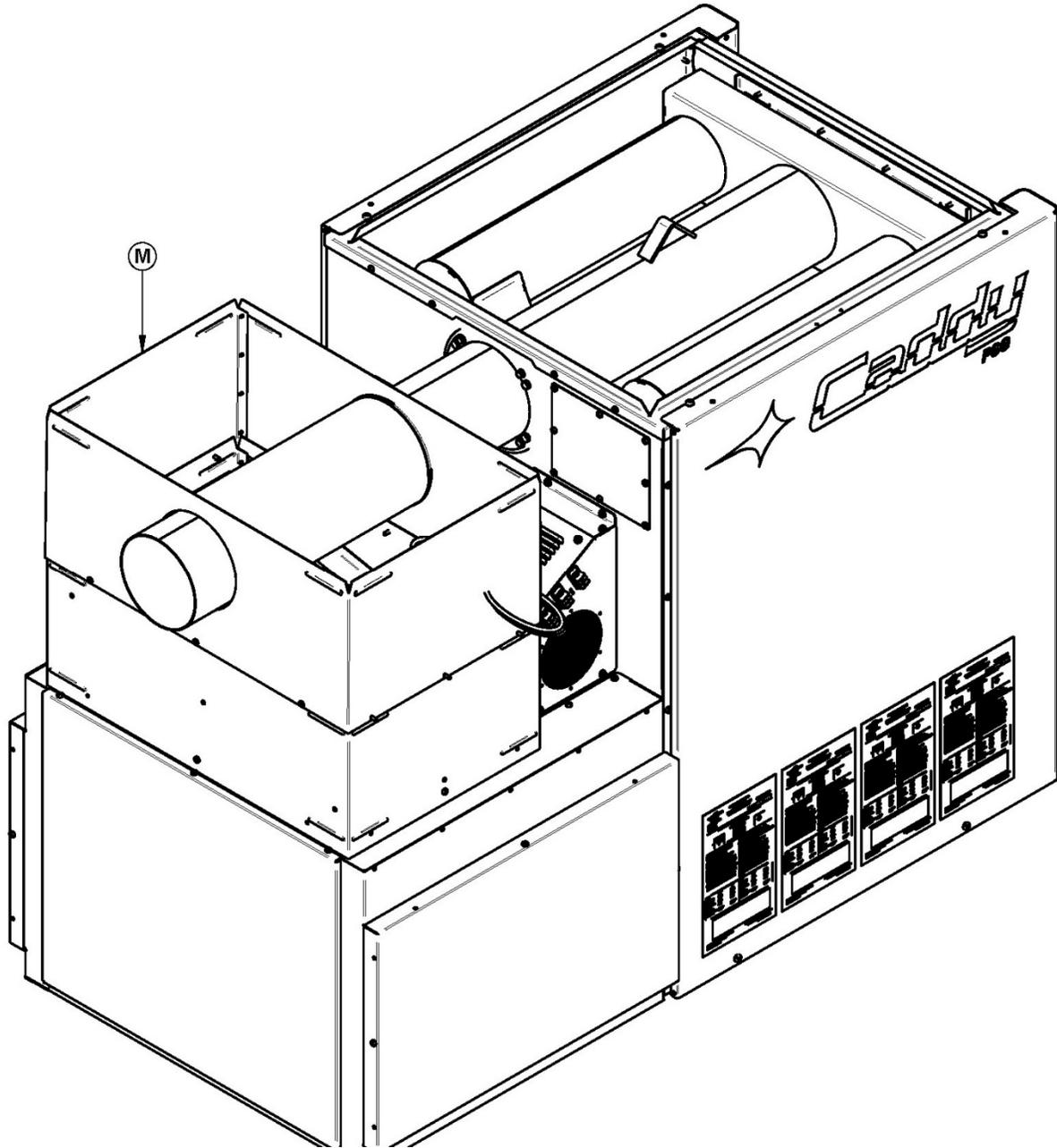
IMPORTANT! If you decide to install the assembled duct support on top of the blower box, you will need to purchase and install the top air return plenum option PA08506, sold separately.

2.1 Installation on TOP

Make sure the side panels (G) are secured to the blower housing with the screws (H) provided. Next, secure the duct support assembly (F) to the top of the blower housing using the screws (H) previously retained.

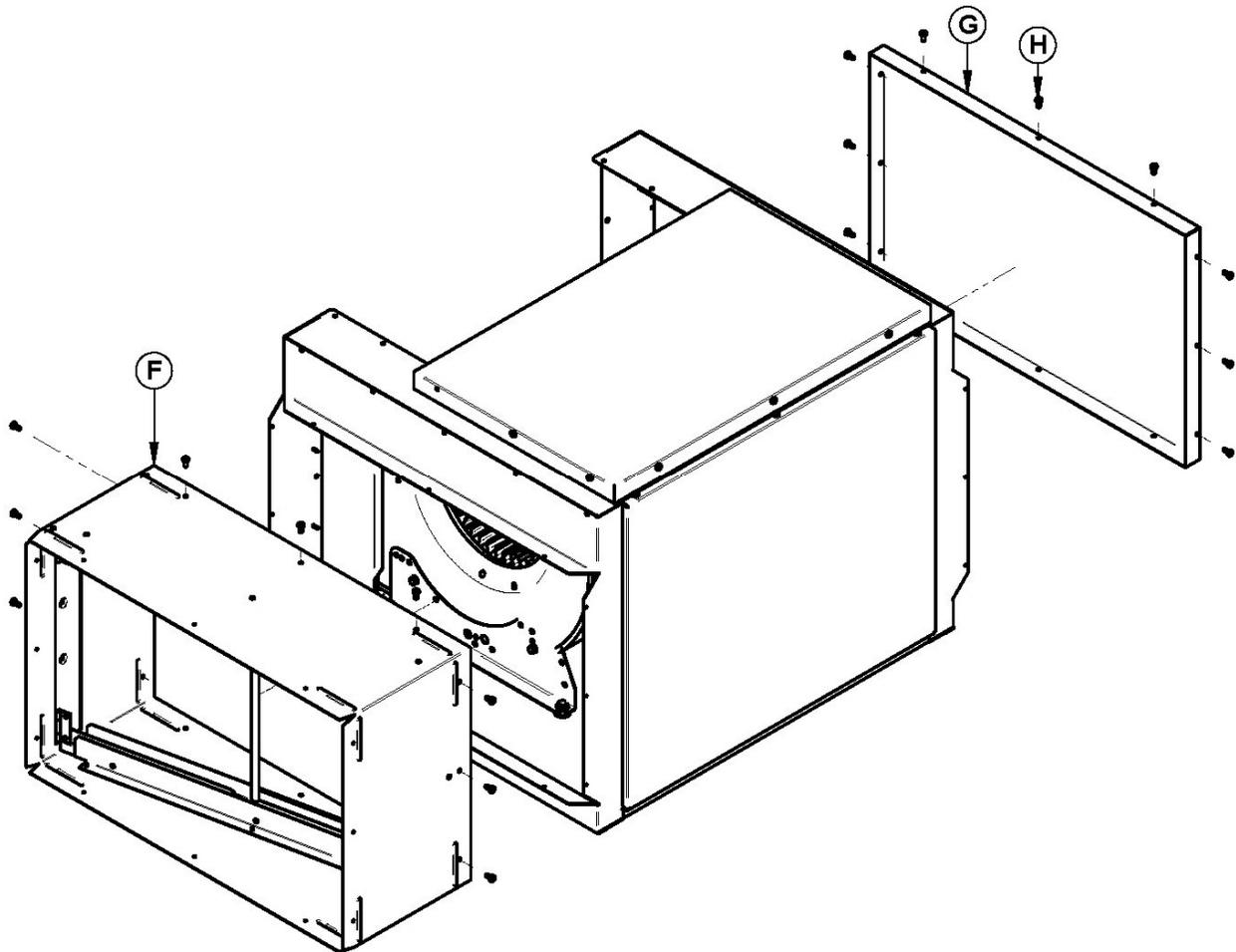


Next, install the top air return plenum option PA08506 (M). Assembly instructions for the plenum are included with the kit, sold separately.



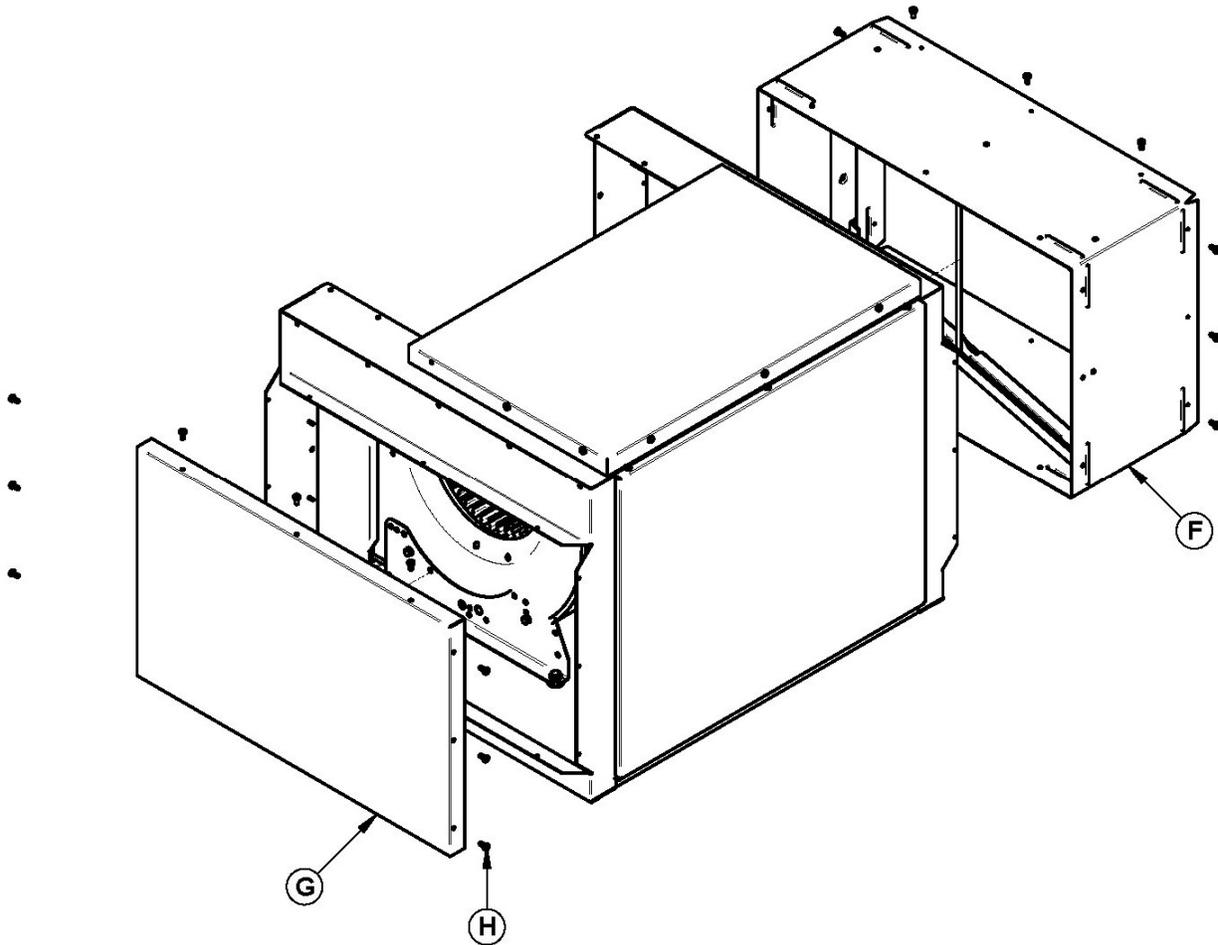
2.2 RIGHT side installation

Secure the right blower housing side panel (G) to the top of the blower housing with the screws (H) provided. Secure the left blower housing side panel (G) to the left side of the blower housing with the screws (H) provided. Then secure the duct support assembly (F) to the right side of the blower housing with the screws (F).

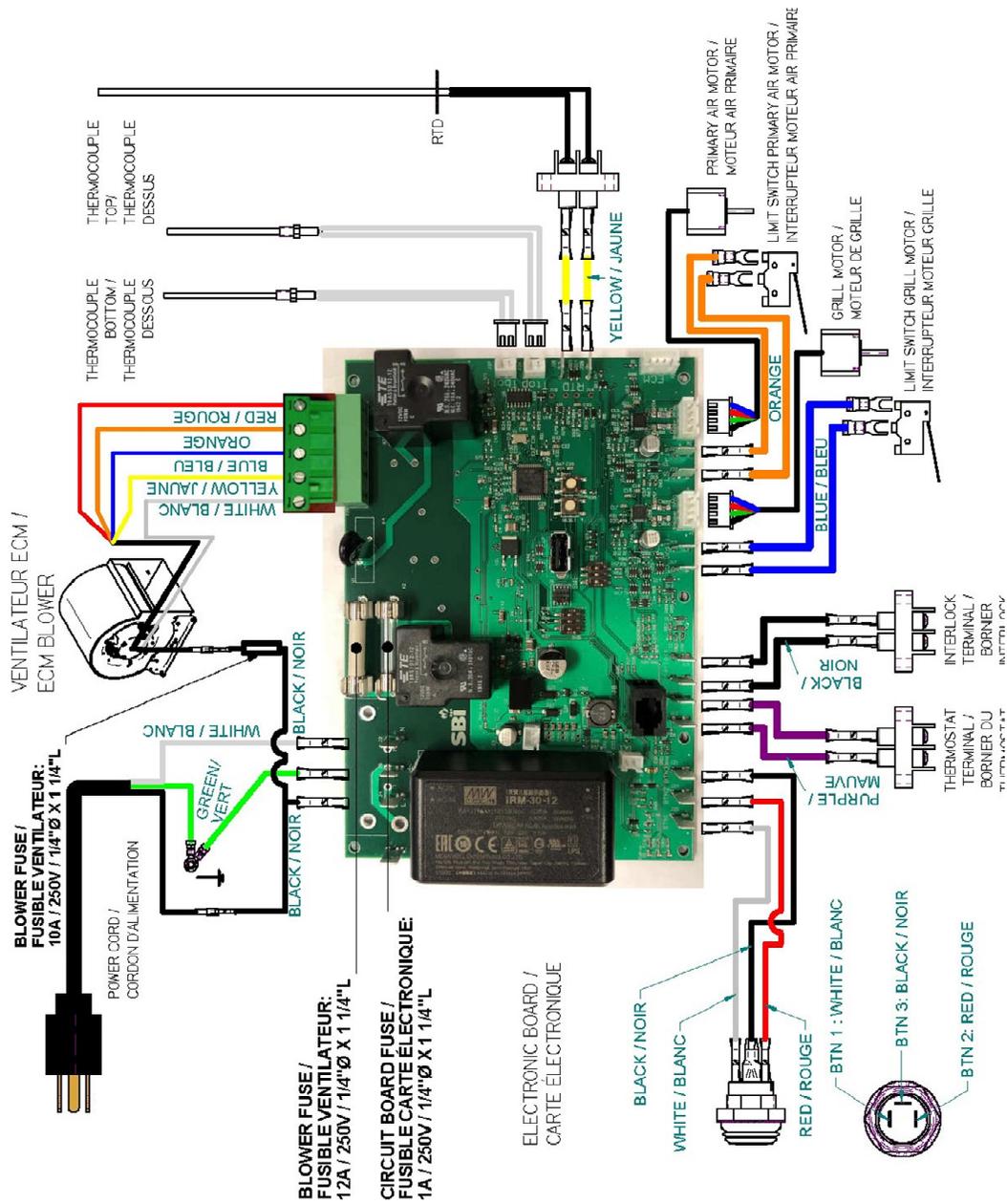


2.3 LEFT side installation

Secure the left blower housing side panel (G) to the top of the blower housing with the screws (H) provided. Secure the right blower housing side panel (G) to the right side of the blower housing with the screws (H) provided. Then secure the duct support assembly (F) to the left side of the blower housing with the screws (F).



4 ECM MOTOR ELECTRICAL WIRING DIAGRAM



BLOWER BOX DIMENSIONS

