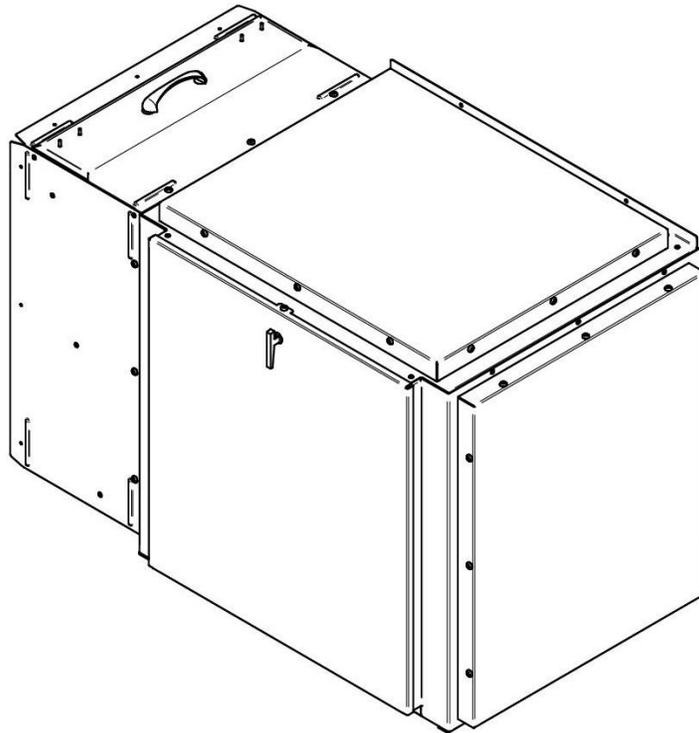




# INSTALLATION INSTRUCTIONS FOR THE BLOWER BOX ASSEMBLY AND THE DUCT AIR SUPPORT

## PA08521

### MINI-CADDY FURNACE



Verified and tested for Canada and the United States by an accredited laboratory.



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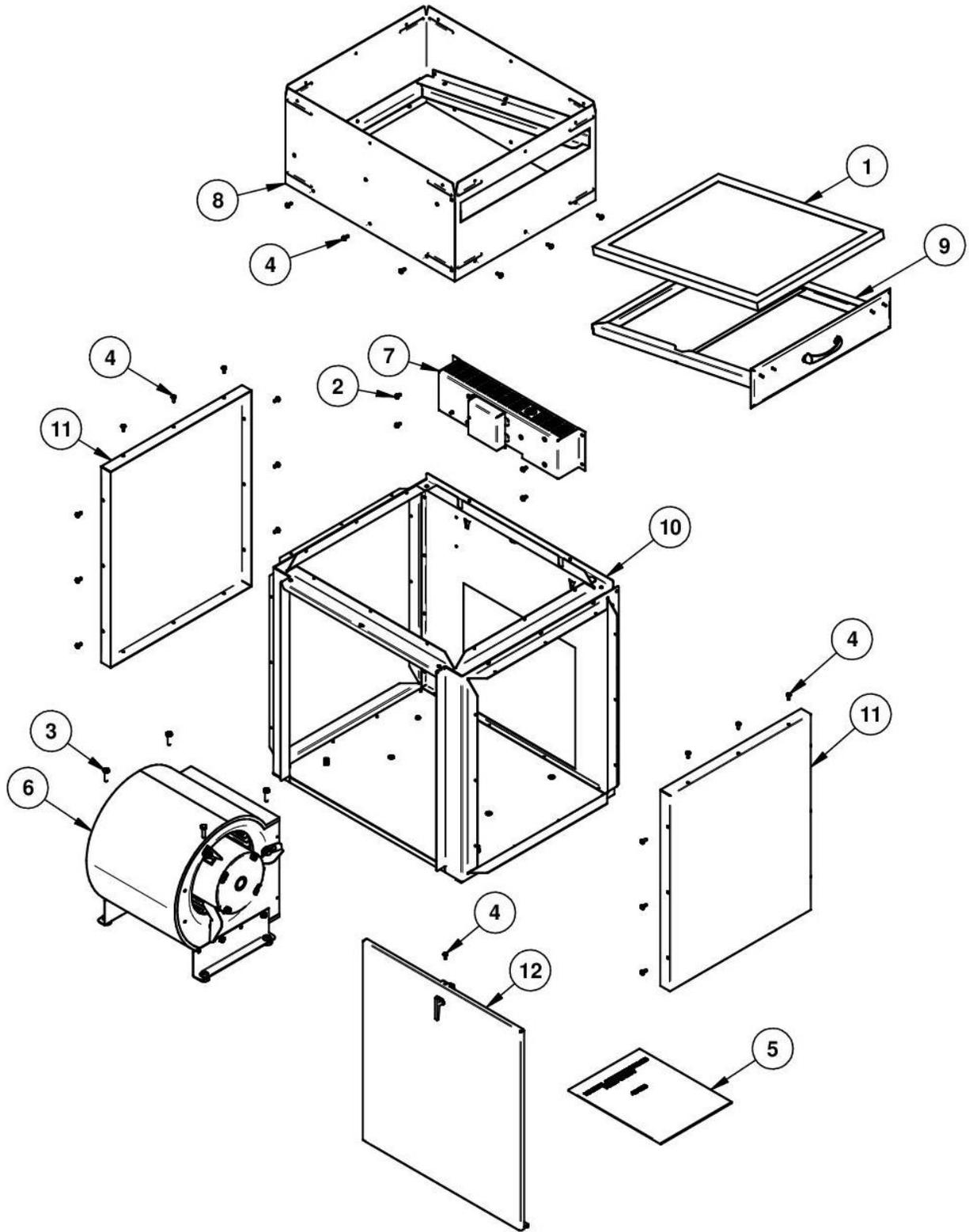
***Eco-energy at the hearth  
of your home***

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

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

**NOTE :** If you install the duct support on the top of the blower box, you have to install the top air return plenum kit PA08508 (not included)

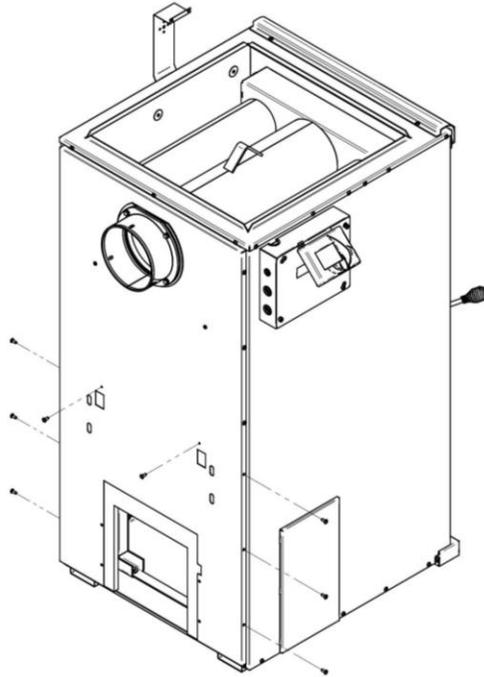
<b>CONTENT OF THE BOX (PA08521)</b>		
1	CARDBOARD AIR FILTER 20" X 15" X1"	1x
2	CUTTING THREAD SCREW 10-24 TYPE "F" X 3/8" HEX WASHER	4x
3	1/4"-20 X 1" HEXAGONAL BOLT	4x
4	BLACK METAL SCREWS #10 X 1/2" TYPE "A" PAN QUADREX	9x
5	BLOWER ASSEMBLY MANUAL KIT	1x
	ELEVATOR BOLTS	2x
	BLACK METAL SCREWS #10 X 1/2" TYPE "A" PAN QUADREX	20x
6	BLOWER ASSEMBLY WITH 1/4HP MOTOR	1x
7	POWER BOARD HOUSING ASSEMBLY	1x
8	DUCT SUPPORT ASSEMBLY	1x
9	FILTER SUPPORT ASSEMBLY	1x
10	BLOWER BOX ASSEMBLY	1x
11	BLOWER BOX SIDE PANEL	2x
12	BLOWER ACCESS DOOR WITH HANDLE	1x



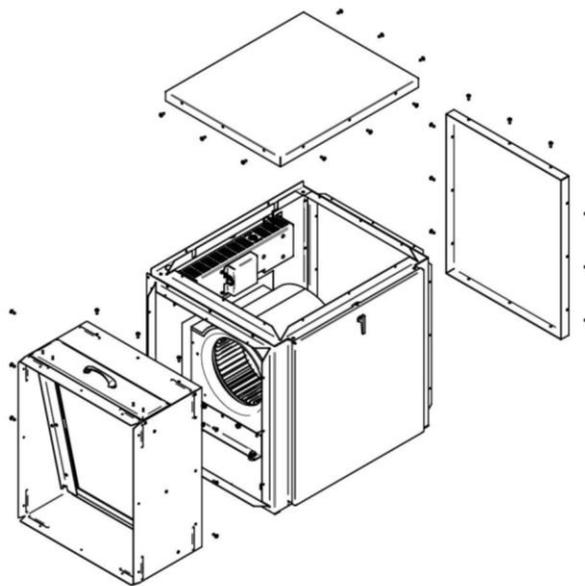
# 1 BLOWER BOX ASSEMBLY INSTALLATION

## 1.1 RIGHT SIDE DUCT SUPPORT INSTALLATION (FACTORY SETTING)

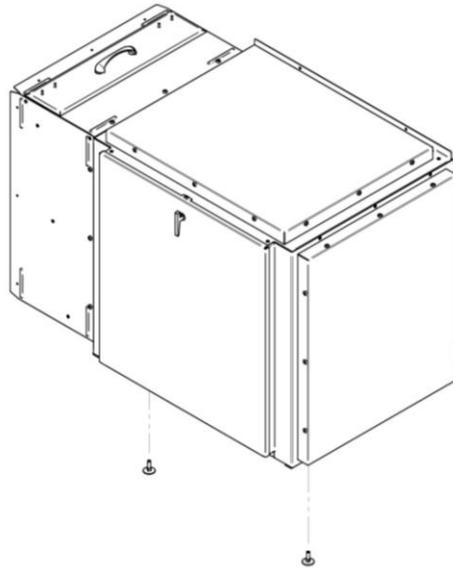
Step 1. Unscrew the 8 screws (6 on the sides and 2 on the back) already installed on the furnace, as shown. Keep all screws for Step 4.



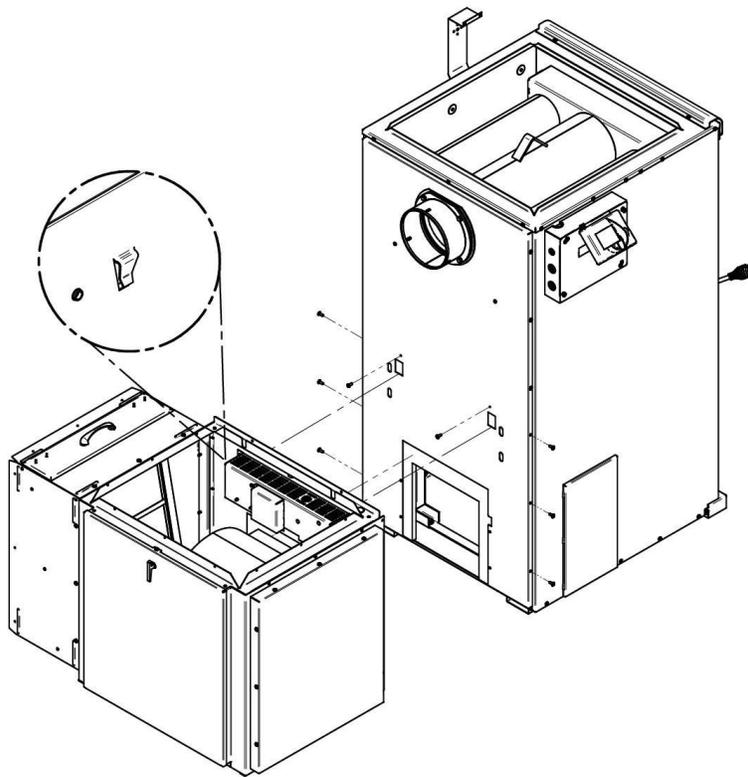
Step 2. Secure the duct support, the top panel and the left panel by screwing 18 screws (#10 X 1/2" #2 TYPE AB BLACK) provided with the instructions manual.



Step 3. Install the leveling bolts (2X) provided with the instructions manual, under the blower box.



Step 4. Hook the blower box on the back of the furnace and secure it in place with the 8 screws kept from Step 1.

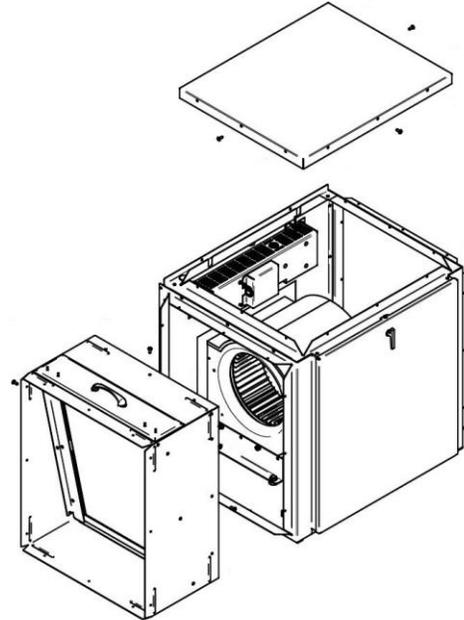


Step 5. Level the blower box using the leveling bolts.

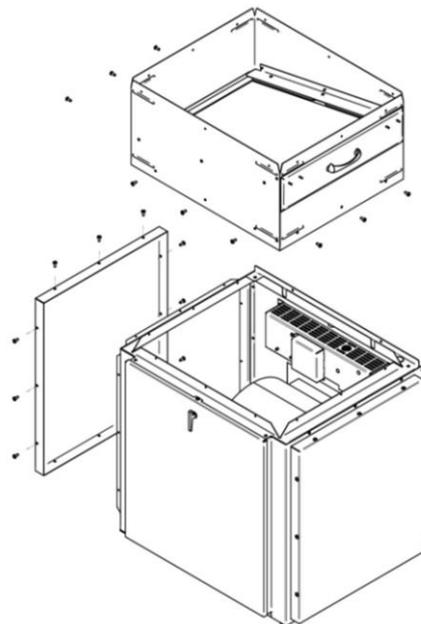
## 1.2 TOP DUCT SUPPORT INSTALLATION

**IMPORTANT:** if you decide to install the duct support on top, you will need to purchase and install the top air return plenum kit PA08505, sold separately.

Step 1. Unscrew the 3 screws that hold the duct support and the 3 screws that hold the blower box top panel. Remove the duct support and the panel. Keep the duct support, the panel and all screws.



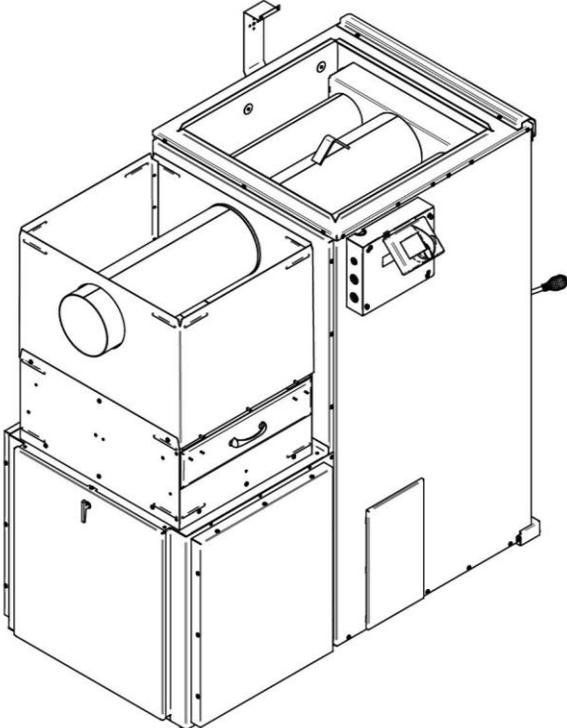
Step 2. Put the duct support on top of the blower box. Secure it in place with the screws kept from the previous step (3X) and add 6 more screws provided with the instructions manual. (#10 X 1/2" #2 TYPE AB BLACK)



Step 3. Put the top panel on the right side of the blower box. Secure it in place with the screws kept from Step 1 (3X) and add 6 more screws provided with the instructions manual. (#10 X 1/2" #2 TYPE AB BLACK)

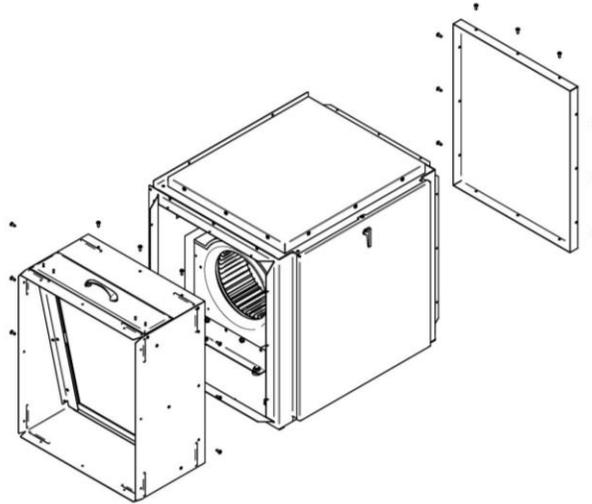
Step 4.

Install the top air return plenum kit PA08508, sold separately. Installation instructions are provided with the kit.



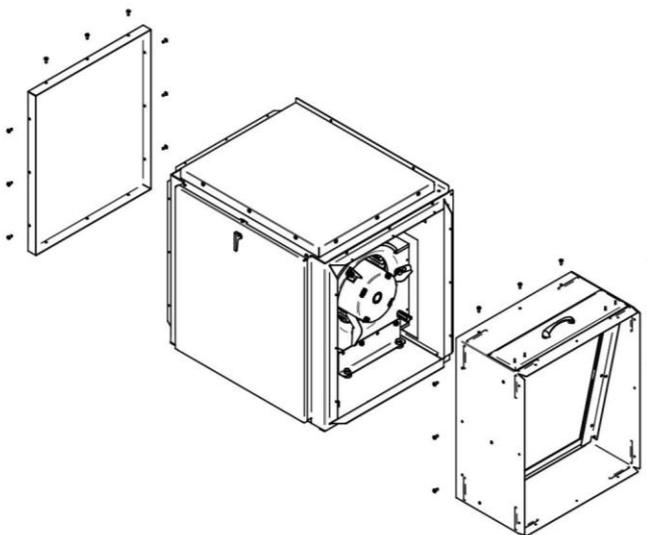
### 1.3 RIGHT SIDE DUCT SUPPORT INSTALLATION

Step 1. Unscrew the 3 screws that hold the duct support and the 3 screws that hold the blower box left panel. Remove the duct support and the left panel. Keep the duct support, the panel and all screws.



Step 2. Put the duct support on the left side of the blower box. Secure it in place with the screws kept from the previous step (3X) and add 6 more screws provided with the instructions manual. (#10 X 1/2" #2 TYPE AB BLACK)

Step 3. Put the left panel on the right side of the blower box. Secure it in place with the screws kept from Step 1(3X) and add 6 more screws provided with the instructions manual. (#10 X 1/2" #2 TYPE AB BLACK)



## 2 GENERAL ELECTRICAL WIRING DIAGRAM

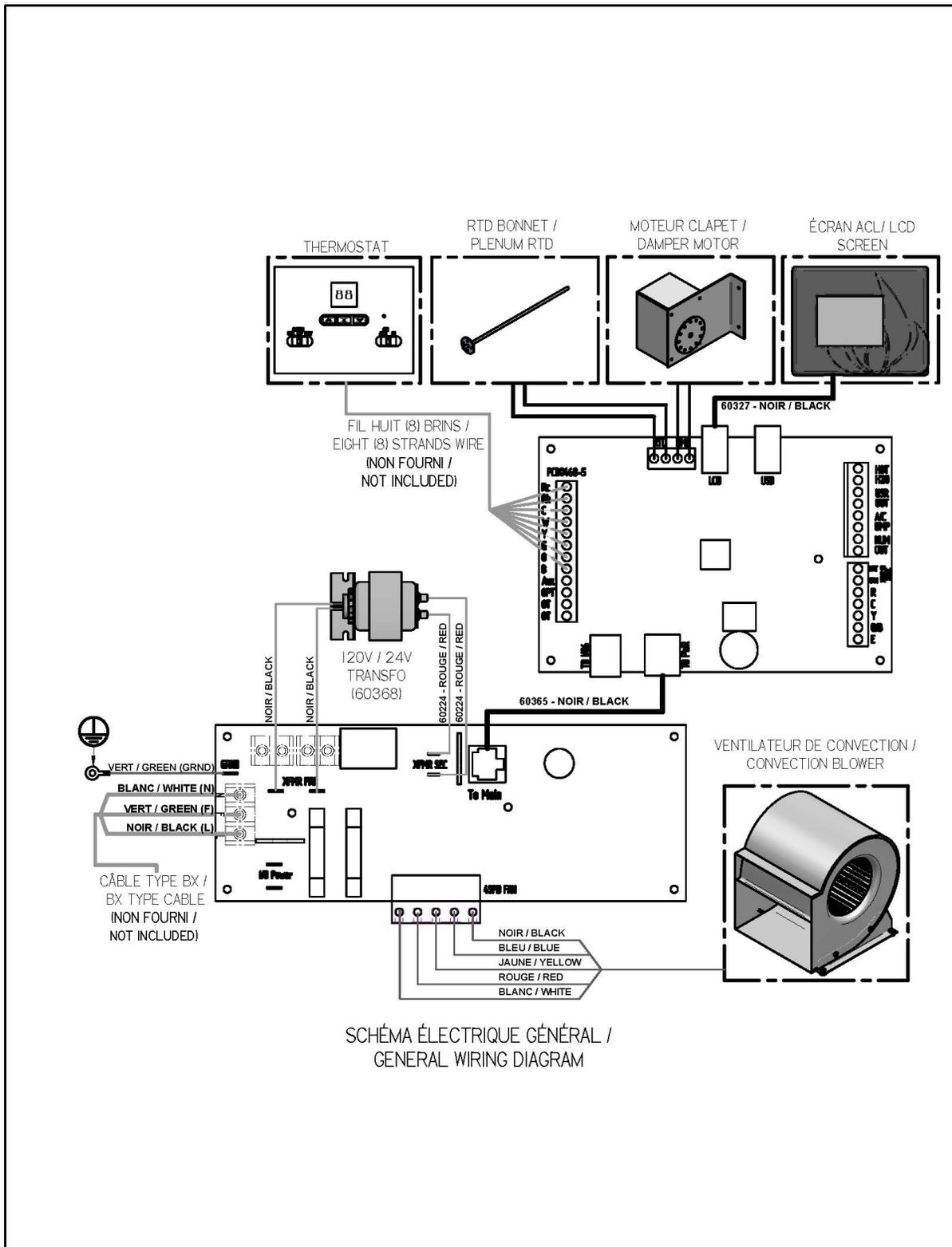


SCHÉMA ÉLECTRIQUE GÉNÉRAL /  
GENERAL WIRING DIAGRAM

### 3 BLOWER BOX DIMENSIONS

