STEFFES
CUSTOMER FOCUSED. SOLUTION DRIVEN. FIELD PROVEN.

Item # 1040398 – BLOWER ASSY CORE 9100 7/23/2009-2019 BLD
Serial #: 407099876015437 NDI - 406199880017549 NCC

THIS PROCEDURE MUST BE PERFORMED BY A QUALIFIED TECHNICIAN

INSTALLATION

1. De-energize the system.

2. Remove the fasteners securing the blower access panel (Figure 1) and set aside.

3. Locate the core blower wiring and disconnect the black and white motor wires from the two blue wires.

4. Remove the screws securing the core blower panel assembly (Figure 2), lift the plate from the bottom to clear the screw heads below. Lower and carefully pull outwards from the bottom to remove blower assembly.

5. Install blower wheel onto assembly provided by performing the following steps:

   a. Slide the blower wheel on the motor's shaft ensuring the set screw is aligned with one of the two (2) flat faces of the shaft.

   b. Set proper 1/4" spacing from core blower plate (Figure 3) and tighten the set screw.

   NOTE: Blower wheel set screw should be tightened to 150-165 in/lbs.

6. Crimp provided terminals on the black and white wires.

7. Install the core blower assembly. Secure in place using previously removed hardware.

   NOTE: Trim top base plate up to 1/4" if needed. (Figure 4)

8. Spin motor by hand to make sure the wheel is not rubbing on install.

9. Reconnect the blue wires from the system to the black and white motor wires.

⚠ **WARNING**

HAZARDOUS VOLTAGE: Risk of electric shock. Can cause injury or death. May be connected to more than one branch circuit. Disconnect power to all circuits before servicing.
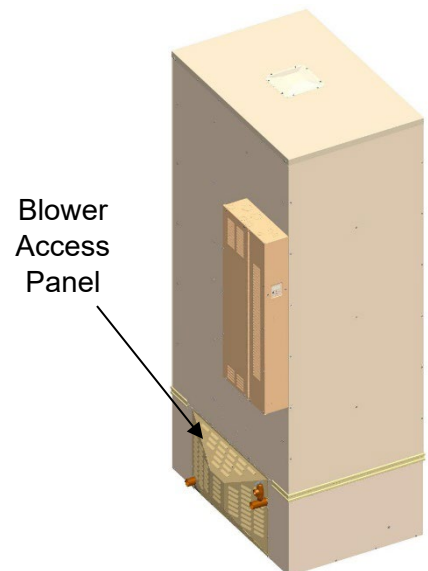
Figure 1

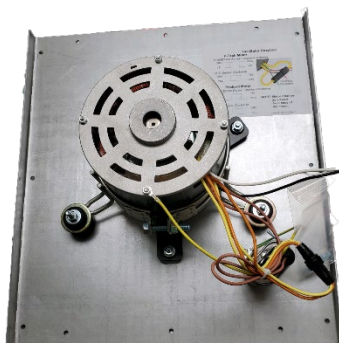
Blower Access Panel
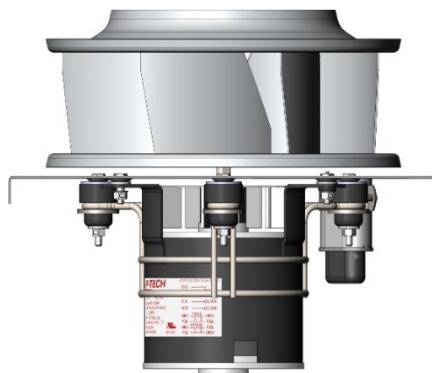
Figure 2

Figure 3

Figure 4

Trim here
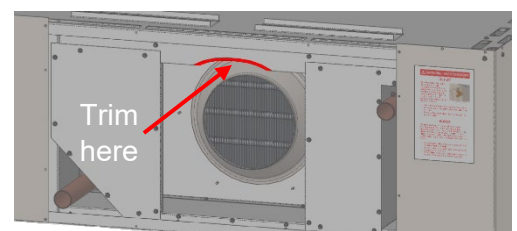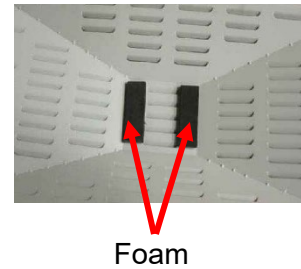
10. Energize system and check for proper operation:

   a. Verify fan motor direction is correct.

   b. Update/verify location settings as shown in Table 1.

Figure 5

Foam

Table 1

Location	208V	240V
L028	5	1
L029	130	100
L095	190	120

11. Remove black foam from inside blower access panel (Figure 5) and re-install panel.

12. Perform system check out.

ACCESSING LOCATION VALUES

NOTE: *During the first few minutes of operation, access to location values 1 (L001) - 99 (L099) is allowed. If timer expires, access to the locations can be gained by powering the system off and back on.*

To edit or view location settings:

Step 1   Press and hold the **M** button. The faceplate should display "EdIt".

Step 2   While holding the **M** button and with "EdIt" displayed on the faceplate, press and hold the up-arrow button. Continue to hold both buttons simultaneously until "L000" is displayed.

   NOTE: If the M button is released before the "L000" is displayed, start over from Step 1.

Step 3   Release the buttons. The faceplate will flash between "L000" and the value in this location. The "L" indicates location and the last three numbers indicate the specific location number. (For example: Location 91 reads "L091".) Press the up arrow until the location to be edited is reached.

Step 4   After reaching the location to be edited, press and hold the **M** button. Use the up or down arrow buttons to change the value in the location to the desired setting.

Step 5   Release the **M** button. Press the down arrow button until "L000" is displayed. Then, press the down arrow button one more time. The normal display mode will be shown and changes made will be saved.

   NOTE: If no buttons are pressed for a brief amount of time, the faceplate automatically returns to its normal operating mode. Any changes made to the location settings are saved.