

ROOFTOP UNIT KITS AND ACCESSORIES

507989-01
10/2019

BLOWER ASSEMBLY REPLACEMENT KIT

INSTALLATION INSTRUCTIONS FOR BLOWER ASSEMBLY REPLACEMENT KIT USED WITH SGH/SCH036-060 UNITS

Shipping and Packing List

Package 1 of 1 contains:

- 1- Blower assembly

⚠ WARNING

Improper installation, adjustment, alteration, service or maintenance can cause property damage, personal injury or loss of life. Installation and service must be performed by a licensed professional HVAC installer or equivalent, service agency, or the gas supplier

Application

The blower assembly replacement kit is used on SGH/SCH036 & 060 units. See table 1.

TABLE 1

Cat. No.	Assembly No.	Voltage
19H45	621156-01	Y
19H46	621156-02	G, J
19H47*	621156-03	Y
19H48*	621156-04	G, J

*Corrosion protection

Installation

- 1- Disconnect electrical power to unit. Wait five minutes before continuing service procedures to avoid electrical shock. This will allow internal capacitors time to fully discharge.
- 2- Open access panels as shown in figure 1.
- 3- Disconnect J48 from P48 and unscrew the GND terminal from the control panel.
- 4- Disconnect J335 from P335 in the controls area. See figure 2.

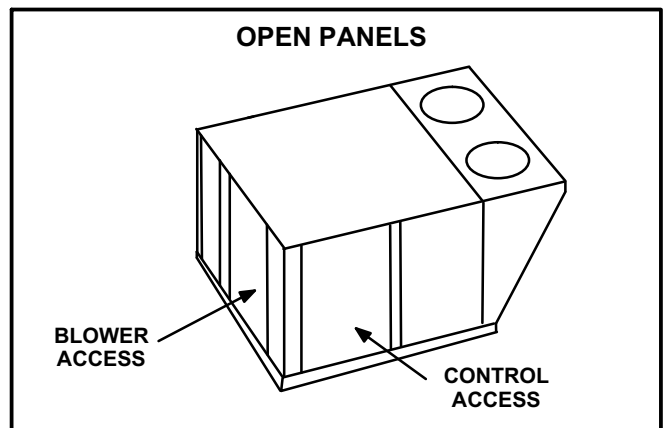


FIGURE 1

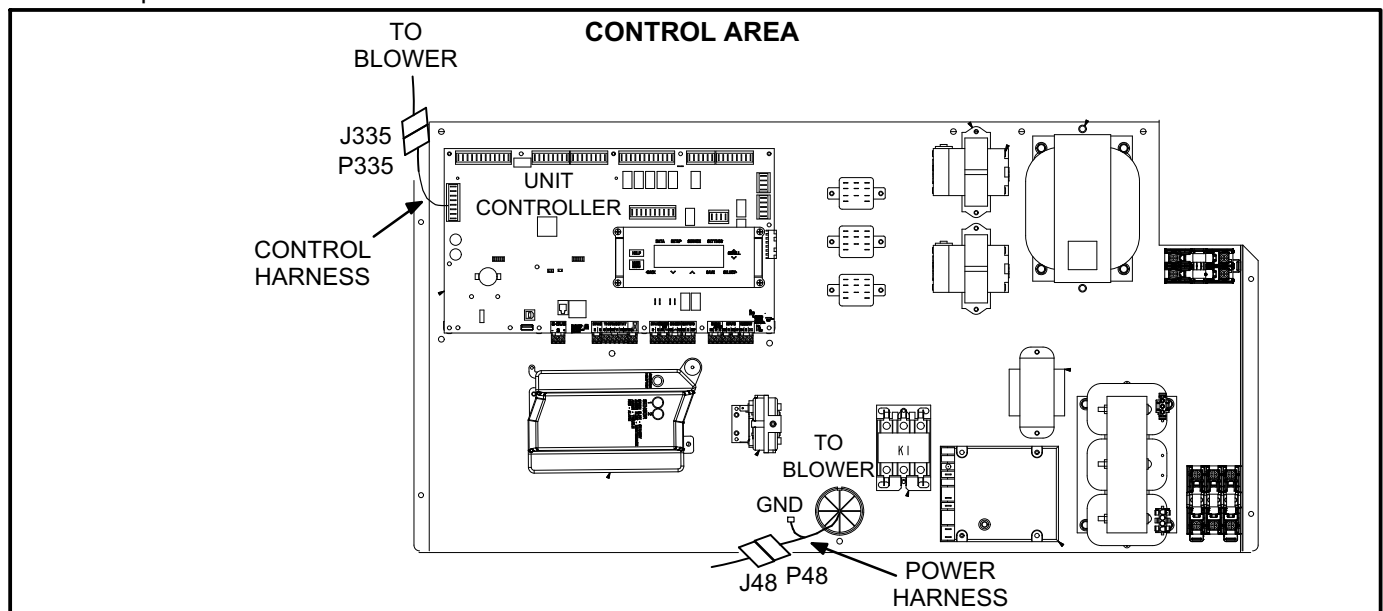


FIGURE 2

⚠ CAUTION

As with any mechanical equipment, contact with sharp sheet metal edges can result in personal injury. Take care while handling this equipment and wear gloves and protective clothing.

- 5- Cut wire ties where necessary and pull P48 and J335 wiring harnesses from control area into blower section. The top panel may need to be raised to pull the control harness through the convoluted tubing in between the blower and controls section.
- 6- Remove four screws securing blower assembly to unit. See figure 3.
- 7- If unit was equipped with a blower proving switch, remove switch from existing blower housing. Attach the proving switch to replacement housing in the same manner it was removed.
- 8- Use the handle on the blower assembly to slide the assembly out of unit.
- 9- Install replacement blower assembly flanges into rails on the blower deck in the same manner it was removed. Secure into place using four screws shown in figure 3.
- 10- Uncoil P48 and J335 wiring harnesses secured to replacement blower housing. See figure 4.
- 11- Route P48 and J335 end of harnesses through unit to control area in the same manner as they were removed.
- 12- Connect P48 and J335 to J48 and P335 as shown in figure 2.
- 13- Bundle harnesses and use wire ties to secure kit harnesses to unit harnesses in the same manner they were removed.

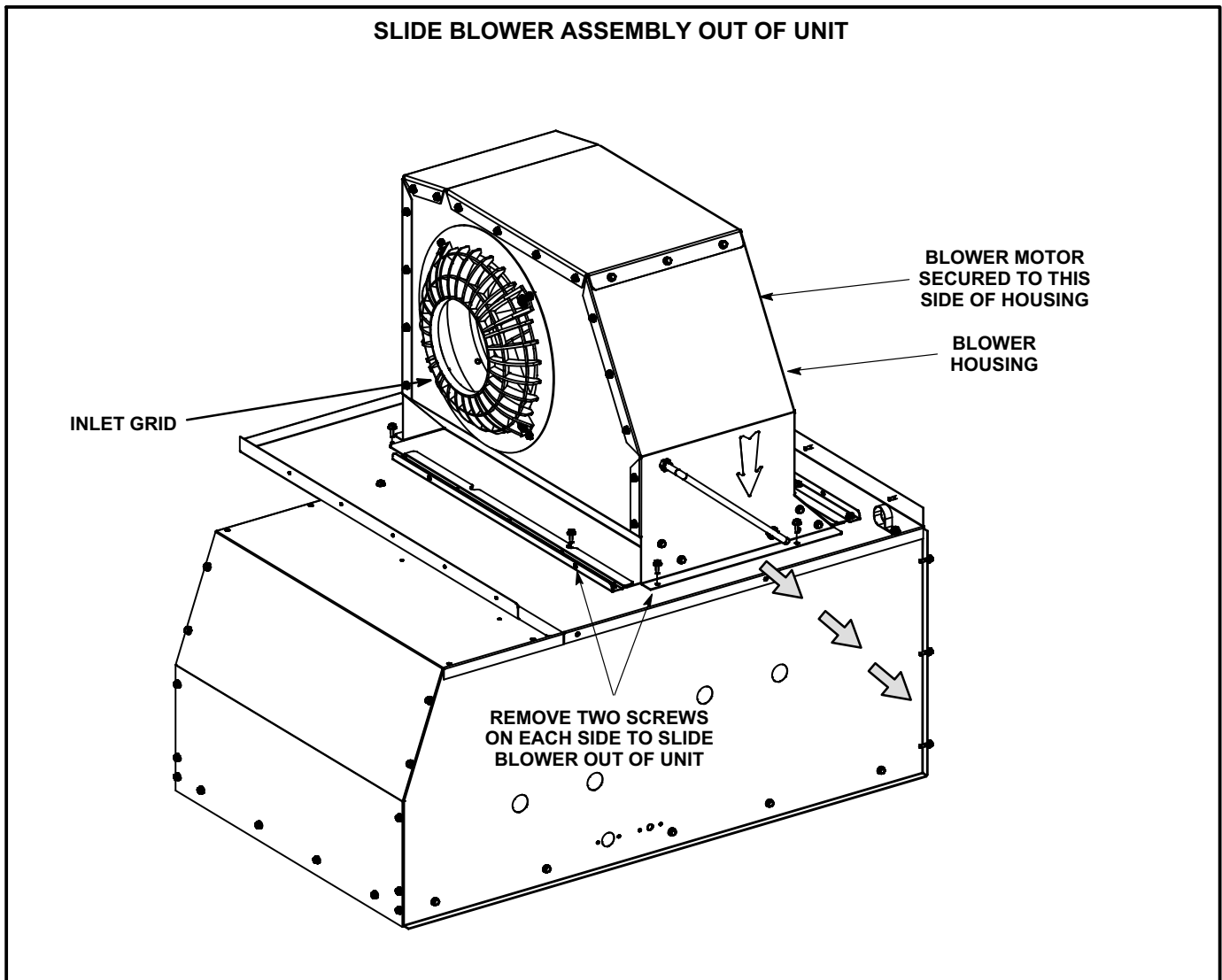


FIGURE 3

REPLACEMENT P48 AND P335 HARNESSSES

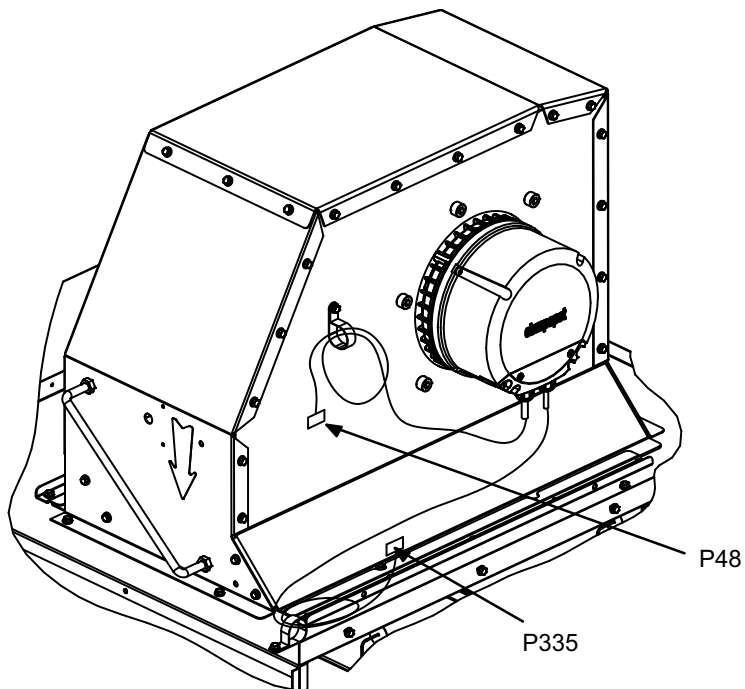


FIGURE 4