

PACKAGED UNITS KITS AND ACCESSORIES

506200-02
5/2022
Supersedes 12/2020

INTAKE EXTENSION KIT

INSTALLATION INSTRUCTIONS FOR INTAKE EXTENSION KITS USED ON LG/LD/KG/TG/SG/ZG PACKAGED GAS UNITS

Shipping and Packing List

Package 1 of 1 contains:

- 1- Intake extension
- 1- Extension back (89L97, 89L98, & 20X99)
- 1- Patch plate (89L98 kits only)

Bag assembly containing:

- 16- #10 Screws (8 in 19W51)
- 10- #8 Screws (none in 19W51)

⚠ 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

⚠ 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.

Check packaging for shipping damage. Contact the last carrier immediately if any shipping damage is found.

Application

The intake extension kit is used on gas packaged units to extend the combustion air intake above the unit.

Kit	Unit
89L97 LB-98897A	LGM/LGH/LGT/LDT/KG 156-300S LGA/LGC 248-360, SG 240 LGA/LGC/TG 090-360
89L98 LB-98897B	LGA/LGC 036 - 072
20X99 LB-98897E	SG 036 & 060
19W51 LB-112082A	LGM/LGH/LGT/LDT/KG 024 - 150 ZG 092-150 & TG 024-072

Installation LGA/LGC 036 - 072 Units

- 1- Remove and discard the hood over combustion air intake opening on -1 units.
- 2- *036-072-1 Units Only-*
Install patch plate over right side of combustion air

intake as shown in figure 1. Secure in place with all three screws. Discard patch plate when installing extension on -2 units.

- 3- Install intake extension over combustion air intake louvers. See figure 1 for -1 units and figure 2 for -2 units. Align top of intake extension flange just under unit top flange. See figure 3. Secure in place with screws provided.

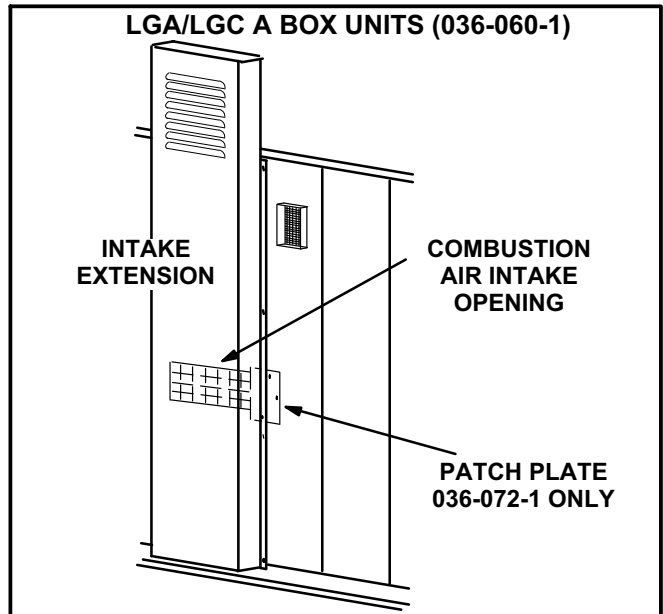


FIGURE 1

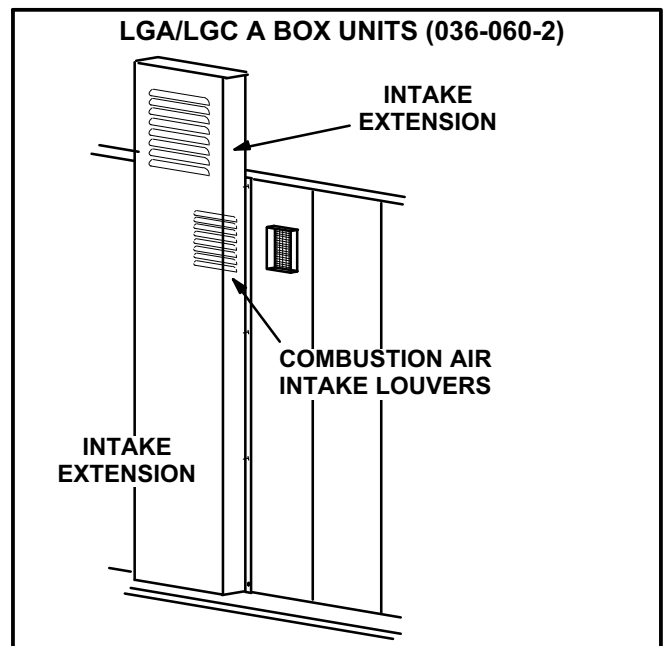


FIGURE 2

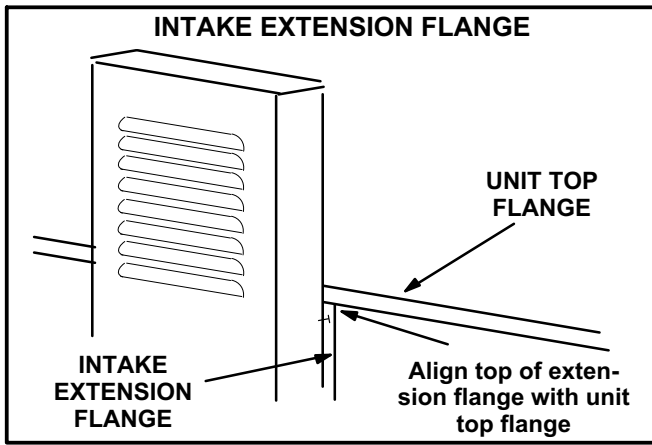


FIGURE 3

Installation LGM/LGH/LGT/LDT/KG 024-150, TG 024-072 Units

- 1- Remove internal rain hood as shown in figure 4.
- 2- Install extension on unit. Position bottom of extension 7" (178mm) above bottom of heat section access panel. See figure 5.

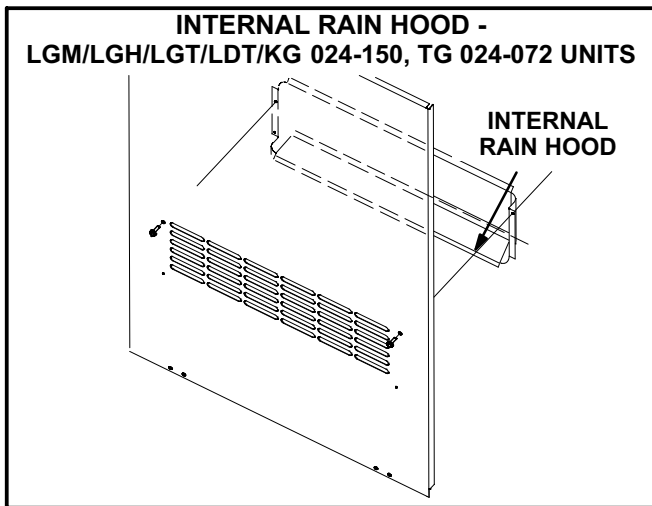


FIGURE 4

Installation LGM/LGH/LGT/LDT/KG 156-300S LGA/LGC 248-360, SG 240 LGA/LGC/TG 090-360

- 1- Install the intake back on the extension using #8 screws provided. See figure 6.
- 2- Locate the three larger holes in the right extension flange. See figure 6.
- 3- *LGM/LGH/LGT/LDT/KG 156-300S LGA/LGC/TG 090-240* - Align top two larger holes on intake extension with screws on the right side of combustion air louvers. Secure the extension in place using #10 screws provided.
- 4- *TG/LGA/LGC248-360, SG 240 Units (D Box)* - Align bottom two larger holes on intake extension

with screws on the right side of combustion air louvers. Secure the extension in place using the #10 screws provided.

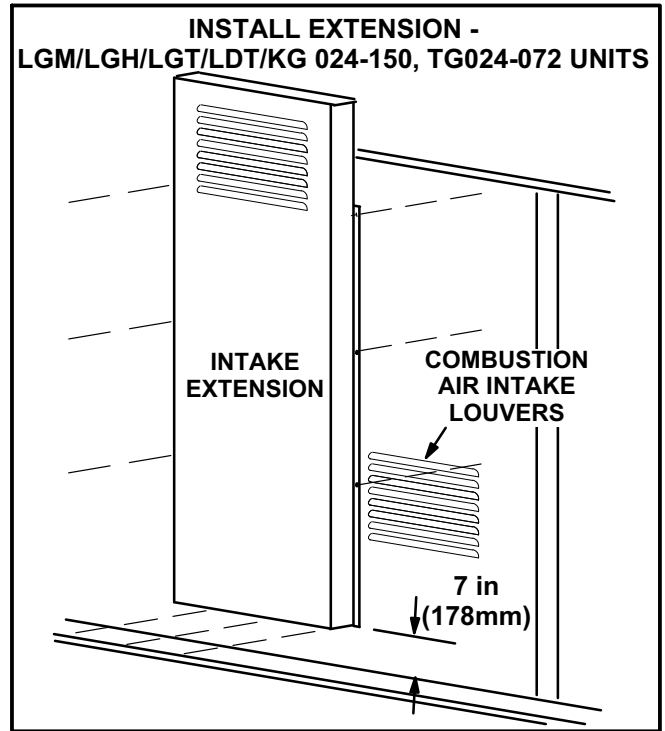


FIGURE 5

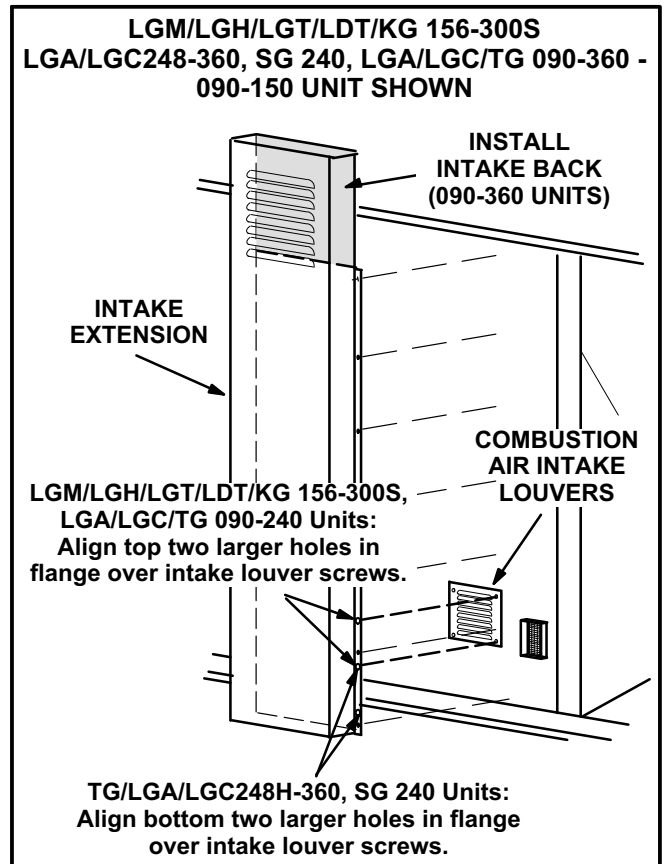


FIGURE 6

Installation SG 036, 060 Units

- 1- Install the intake back on the extension using #8 screws provided. See figure 7.
- 2- Center the intake extension over combustion air intake louvers. Secure the extension in place using #10 screws provided.

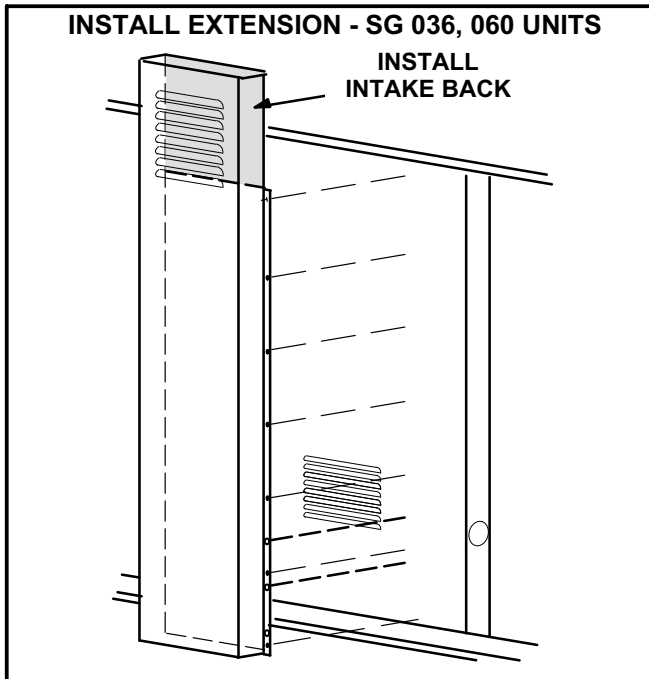


FIGURE 7

Installation ZG 092-150 Units

- 1- Remove the unit badge, plug the existing holes and drill new holes to secure badge. See figure 8.
- 2- Position the extension over combustion air intake louvers as shown in figure 8.
- 3- Secure the extension to the unit using provided screws.

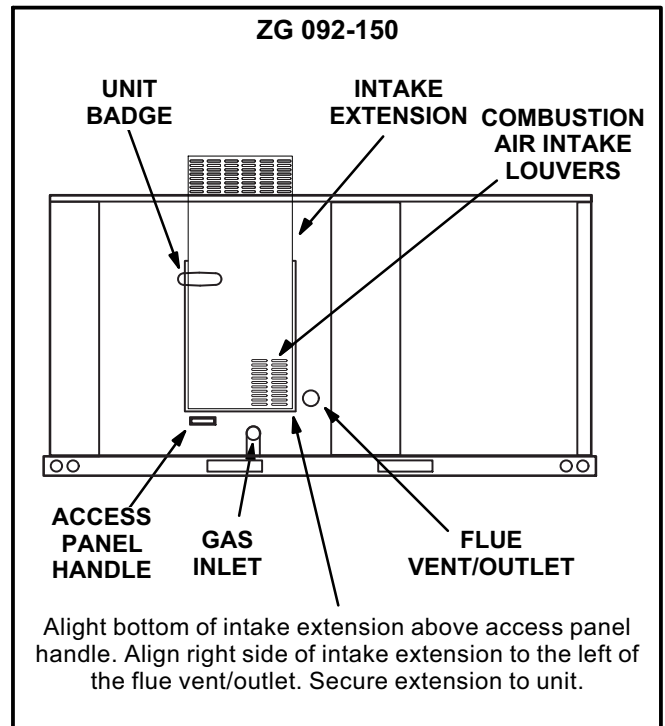


FIGURE 8