

A/GPG LVBK

(LOUVER BLOCK-OFF KIT)
INSTALLATION INSTRUCTIONS

Goodman Manufacturing Company, L.P. © 2006
2550 North Loop West, Suite 400, Houston, TX 77092
www.goodmanmfg.com -or- www.amana-hac.com
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Description

The following installation instructions are for the Louver Block-Off Kits (LVBK-01A, LVBK-02A, and LVBK-03A) for APG/GPG gas/electric package units. LVBK kits are designed to stop air from being drawn through the heat exchanger during cooling operations. The function of this kit is to block off air passage from the condenser section to the burner compartment. Air for combustion must now be supplied through the heat exchanger compartment door.



WARNING

HIGH VOLTAGE!

Disconnect ALL power before servicing or installing this kit. Multiple power sources may be present. Failure to do so may cause property damage, personal injury or death.



Contents of Kit

Description	Quantity
Revised heat exchanger door	1
Gasket plate assemblies	2
CO label	1
Lighting instructions	1
Wiring diagram (adhesive-backed)	1
Rain hood	1
Amana® nameplate	1
Goodman nameplate	1
Installation instructions	1
Self-tapping screws	4
Standard screws	3
Lower Flue Hood	1

Tools needed:

5/16" socket on cordless drill.

Installation Procedure

1. ⚠ Disconnect electric power to unit!
2. ⚠ Close gas shut off valve!
3. Locate heat exchanger door. See figure 1.

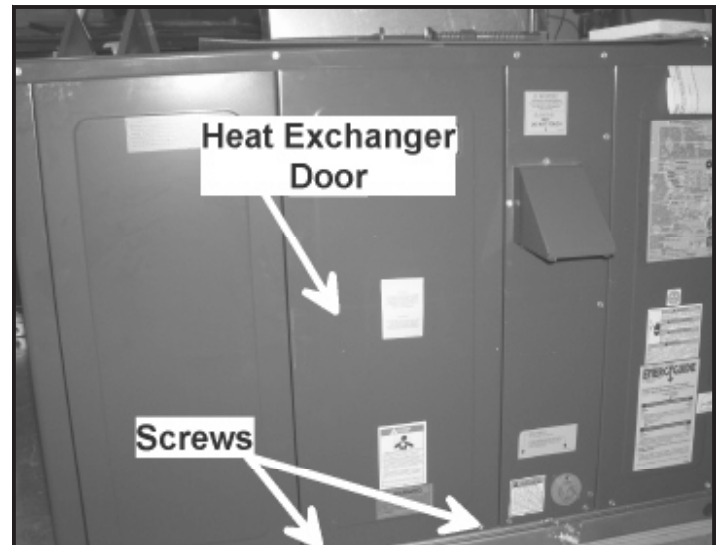


Figure 1

4. Remove (2) 5/16" hex head screws from bottom of heat exchanger door and remove door (save screws).
5. Locate the (2) louver banks in partition divider panel. (See Figure 2). These will be located just in front of the burners. Small and medium chassis will have (2) 7" x 4.5" banks while large chassis will have (2) 9" x 4.5" louver banks.

ATTENTION INSTALLING PERSONNEL

As a professional installer you have an obligation to know the product better than the customer.
This includes all safety precautions and related items.

Prior to actual installation, thoroughly familiarize yourself with this Instruction Manual.
Pay special attention to all safety warnings. Often during installation or repair it is possible to place yourself in a position which is more hazardous than when the unit is in operation.

Remember, it is **your** responsibility to install the product safely
and to know it well enough to be able to instruct a customer in its safe use.

Safety is a matter of common sense...a matter of thinking before acting.
Most dealers have a list of specific good safety practices...follow them.

The precautions listed in this Installation Manual are intended as supplemental to existing practices.
However, if there is a direct conflict between existing practices and the content
of this manual, the precautions listed here take precedence.



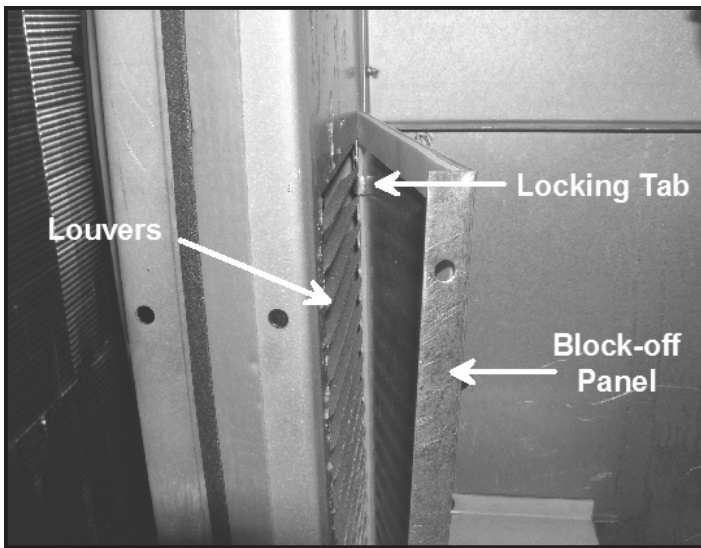


Figure 2

6. Locate louver block off plate assemblies in kit. Locate (2) self tapping screws from kit.
7. Remove backing from gasket and position louver block-off such that locking tabs on plate will engage into the next to top louver in the louver bank (See Figure 2). Engage locking tab and rotate plate toward divider panel. This will position holes in block-off plate in front of divider panel flange.

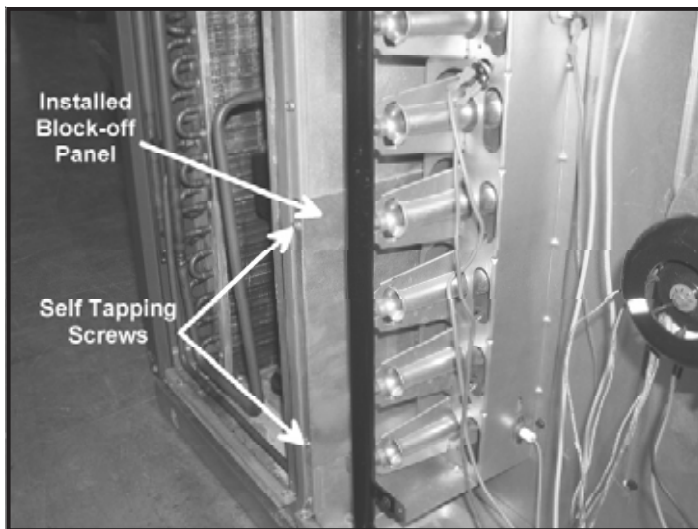


Figure 3

8. Using self tapping screws, secure block-off plate to unit such that louver bank is totally blocked off. (See Figure 3)
9. Repeat steps 5 through 8 for other louver bank.
10. Locate heat exchanger door from kit. Ensure the proper CO warning label, lighting instructions, and wiring diagram are applied to door. To determine which labels to use, compare the part numbers on the removed door to the ones supplied in the kit; use the ones that match.



WARNING

Installation and repair of this unit should be performed **ONLY** by individuals meeting the requirements of an "Entry Level Technician" as specified by the Air Conditioning and Refrigeration Institute (ARI). Attempting to install or repair this unit without such background may result in product damage, personal injury, or death.

11. Locate hood and (3) standard screws from kit. Attach hood to door with opening facing down. The hood is to prevent rain from entering openings in the panel.
12. Locate and select proper nameplate from kit. Apply nameplate to outside of door.
13. Install new door with screws removed in step (4).

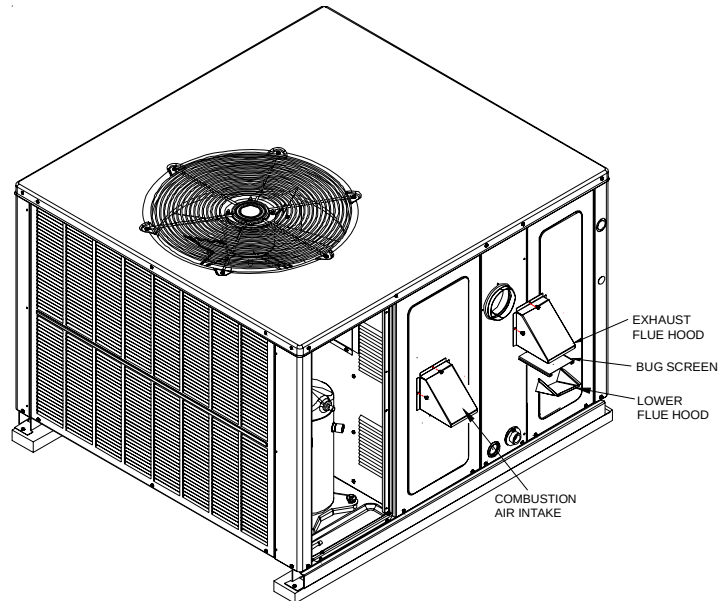


Figure 4 - Final Assembly

Installation - Lower Flue Exhaust Hood

1. Remove 3 screws securing exhaust flue hood.
2. Inspect flue hood to ensure it contains the bug screen.
3. Ensure bug screen is positioned properly (Figure 5). If screen is present and positioned properly, skip Step 4.
4. Slide screen into hood.
5. Slide screen over flanges on the lower flue hood. (Figure 5).
6. Using the three screws removed in Step 1, attach the hood (with the opening facing down) over the flue exhaust opening in the utility panel (Figure 4).
7. Test unit to ensure proper operation by turning thermostat to heat and setting temperature above room temperature.
8. Reset thermostat to desired setting. *Final assembly should be as shown in Figure 4.*

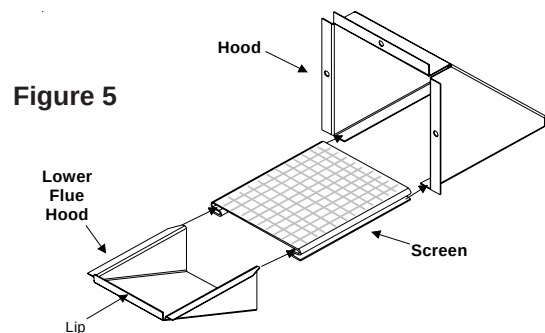


Figure 5



WARNING

Do not connect to or use any device that is not design certified by Goodman for use with this unit. Serious property damage, personal injury, reduced unit performance and/or hazardous conditions may result from the use of such non-approved devices.