

AFALFGSML01A, AFALFGLRG01A

Accessory Louvered Panel With Filter Rack

Installation Instructions


NOTE: Read the entire instruction manual before starting the installation.

SAFETY CONSIDERATIONS

Improper installation, adjustment, alteration, service, maintenance, or use can cause explosion, fire, electrical shock or other conditions which may cause death, personal injury or property damage. Consult a qualified installer, service agency, or your distributor or branch for information or assistance. The qualified installer or agency must use factory-authorized kits or accessories when modifying this product. Refer to the individual instructions packaged with the kits or accessories when installing.

Follow all safety codes. Wear safety glasses, protective clothing and work gloves. Use quenching cloths for brazing operations. Have fire extinguisher available. Read these instructions thoroughly and follow all warnings or cautions attached to the unit. Consult local building codes and the current editions of the National Electrical Codes (NEC) NFPA 70.

In Canada, refer to the current editions of the Canadian Electrical Code CSA C22.1.

Recognize safety information. This is the safety-alert symbol . When you see this symbol on the unit and in instructions or manuals, be alert to the potential for personal injury.

Understand the signal words DANGER, WARNING and CAUTION. These words are used with the safety-alert symbol. DANGER identifies the most serious hazards which will result in severe personal injury or death. WARNING signifies hazards which could result in personal injury or death. CAUTION is used to identify unsafe practices, which may result in minor personal injury or product and property damage. NOTE is used to highlight suggestions which will result in enhanced installation, reliability, or operation.

WARNING

ELECTRICAL SHOCK HAZARD

Failure to follow this warning could result in personal injury or death. Before installing, modifying or servicing system, always turn off main power to system. There may be more than one disconnect switch. Lock out and tag switch with a suitable warning label.

CAUTION

CUT HAZARD

Failure to follow this caution may result in personal injury. Sheet metal parts may have sharp edges or burrs. Use care and wear appropriate protective clothing and gloves when handling parts.

INTRODUCTION

These instructions cover the description and installation of the AFALFGSML01A (small) and AFALFGLRG01A (large) louvered panel accessory for the FMC, and FMU, Ceiling Fan Coil units.

Table 1 – Panel Dimensions, inches (mm)

| For Model | Panel No. | A | B |
|-----------|--------------|-------------|-----------------|
| 18k/24k | AFALFGSML01A | 48 (1219.6) | 32-9/16 (827.6) |
| 30k/36k | AFALFGLRG01A | 60 (1524.6) | 32-9/16 (827.6) |

NOTE: Filter size is (2) 20" x 25".

NOTE: The AFALFGSML01A and AFALFGLRG01A Accessory Louvered Panel kits are compliant with Title 24 of the California Energy Efficiency Standards.

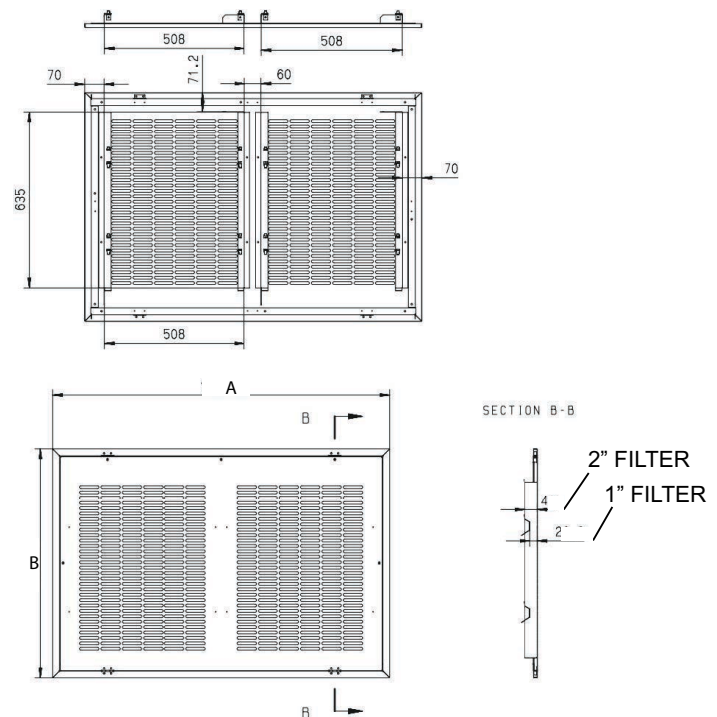


Fig. 1 – 18k/24k Louvered Panel Dimensions

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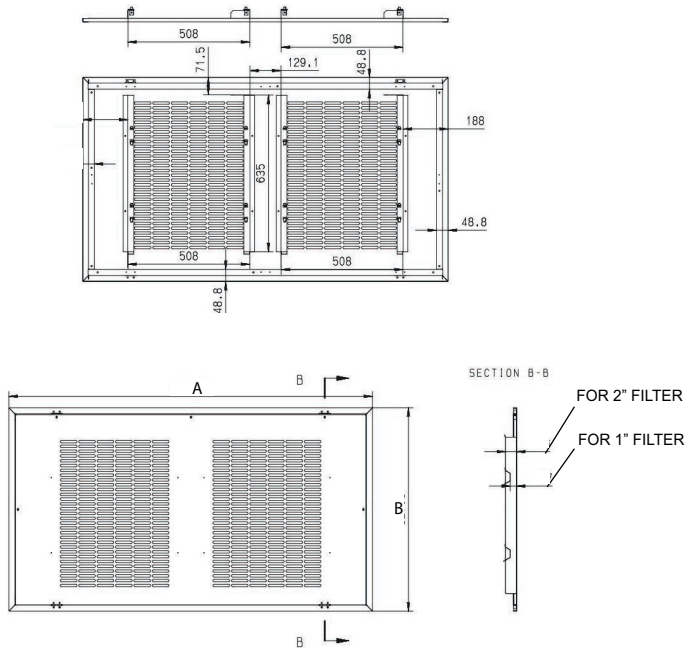


Fig. 2 – 30k/36k Louvered Panel Dimensions

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INSTALLATION

1. Cut opening in the ceiling to fit the louver panel opening size. (18k/24k Units [Fig. 1](#), 30k/36k Units [Fig. 2](#))
2. Frame around the opening above the ceiling with structural members to bear the weight of the louver panel.
3. Remove the screws from the louver panel so the louver panel hangs from the frame by its hinges.
4. Use screws to secure the louver panel frame to the structural framing above the ceiling.
5. If the louver panel opening is to be ducted to a cased ceiling coil, fabricate a sleeve from above the ceiling. Seal all seams between the louver panel frame and the casing.

NOTE: These racks are factory-ready for 2-in. thick filters.

6. For use with 2-in. thick filters:
 - a. The 2-in. thick filters do not require spacers. Store the filter rack spacers bag for later use, if ever needed.
 - b. Insert filters into both filter racks.
 - c. Bend the 4 tabs (indicated with **TAB** notations, [Fig. 3](#), [Fig. 5](#)) on the filter racks to secure the filter in the rack.
 - d. Verify that the filters cover the entire louvered area.
7. For use with 1-in. thick filters:
 - a. Remove the filter rack spacers from the bag that came along with the louvered panel.
 - b. Insert filters into both filter racks.
 - c. Insert the spacers into the notches provided on the filter rack (indicated by the 1" notations in [Fig. 3](#), [Fig. 4](#)).
 - d. Bend the 4 tabs (indicated with **TAB** notations, [Fig. 3](#), [Fig. 5](#)) on the filter racks to secure the filter in the rack.
 - e. Verify that the filters cover the entire louvered area.
8. Close the louver panel and replace the screws that hold the louver panel to the frame.

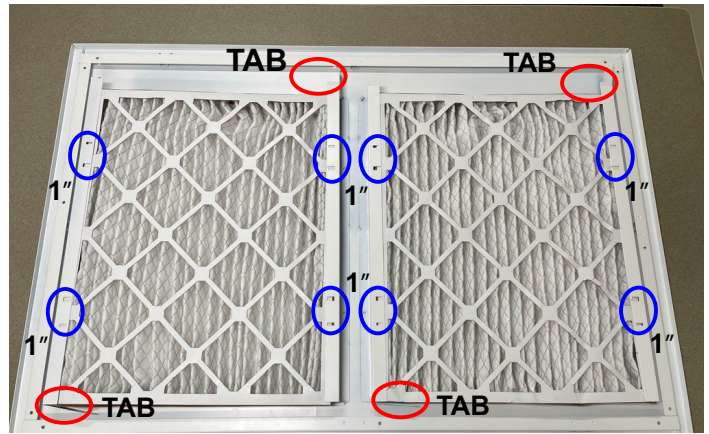


Fig. 3 – Louver Panel Tab Locations

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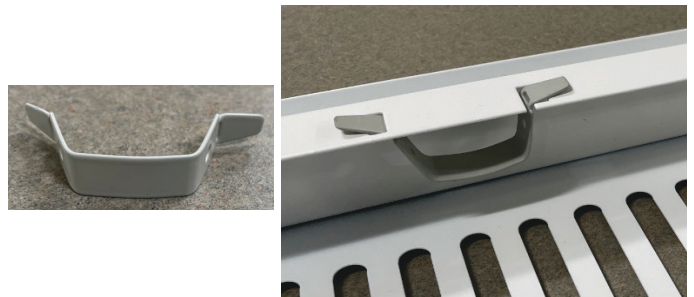


Fig. 4 – 1" Spacer / Spacer Installed

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Fig. 5 – Tab (after bending)

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