

# Installation Instruction

## Inlet Grille Kit


KSABG  
KSACG

**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 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. Refer to the individual instructions packaged with the kits or accessories when installing.

Follow all safety codes. Wear safety glasses and work gloves. Read these instructions thoroughly and follow all warnings or cautions attached to the unit. Consult local building codes and National Electrical Code (NEC) for special requirements.

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 as a result of improper installation.

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 **would** result in minor personal injury or product and property damage.

### DESCRIPTION AND USAGE

The inlet grille kit is designed to replace the standard inlet grille on residential air conditioners and heat pumps. The field installed enhanced inlet grille will help to provide greater protection against inclement weather, incidental damage, and vandalism. Each installation will require both an inlet grille and a parts bag consisting of the following:

Screws	As required
Insulation	2
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### INSTALLATION

**NOTE:** The following procedure is much easier with two people. If a second person is not available, it is recommended that the top panel be removed from the unit before attempting to remove and install the inlet grilles.

Check inlet grille to be sure it is the correct size and color. Check that all parts are in the kit prior to removal of existing grille.

Check grille for any damage that may have occurred during shipping. Minor shipping damage can be corrected by readjusting wire positions prior to placement on unit.

#### PROCEDURE 1—REMOVE EXISTING GRILLE

1. Turn off power to unit.
2. Remove screws securing existing inlet grille to top panel and base pan.
3. On three-sided coils, remove screw securing corner post (logo panel) to coil tube sheet.
4. On four-sided coils, remove two screws securing service panel (below control box) to coil tube sheet.
5. Lift and hold top panel up and remove existing inlet grille.

#### PROCEDURE 2—INSTALL NEW INLET GRILLE

1. The new inlet grille has a vertical mounting rod on each end. Check unit to see if slot is provided in sheet metal before installing grille. If no slots are provided, remove caps from parts bag and install on both ends of last vertical mounting rod.
2. On three-sided coils, make sure upper and lower horizontal extension wires are located on service panel (service valve) side of unit. Longer horizontal wires will extend through slot in tube sheet on service panel side only. On corner post side (logo panel), the longer horizontal wires should be located so they are trapped between corner post and coil tube sheet.
3. On four-sided coils, make sure longer horizontal extension wires are located on left side of service panel (suction valve side). Longer horizontal wires will extend through slot in tube sheet on left side of service panel. On right side of service panel, horizontal wires will be located on inside of tube sheet flange.

4. Before lowering top panel onto inlet grille, align vertical mounting rod eyelets on inlet grille with holes in base pan on front of unit to facilitate screw installation.
5. Lower top panel onto unit. Make sure all inlet grille vertical wires are located inside of top panel and base pan. Make sure horizontal wires are positioned correctly as described previously.
6. Check alignment again on front of unit. If holes are not aligned, using both hands rotate inlet grille until holes are aligned. Be careful not to damage grille or coil.
7. On four-sided coils, using hardware provided, install screws on front of unit. Then install screws on sides of unit except the end vertical mounting rods. If holes are not provided in sheet metal, it is not necessary to install screws into end vertical mounting rod on inlet grille.

**NOTE:** Drilling or using self-tapping screws into sheet metal may damage refrigerant coil.

8. On three-sided coils, using hardware provided, install screw on front corner (end opposite service panel). Then install screws on other two corners. If holes are provided in sheet metal, install screws into end vertical mounting rod on inlet grille. If holes are not provided in sheet metal, it is not necessary to install screws into end vertical mounting rod on inlet grille.

**NOTE:** Drilling or using self-tapping screws into sheet metal may damage refrigerant coil.

9. Reinstall screws into corner post or service panel.

10. Turn power back on and start unit.

**NOTE:** Insulation provided in parts bag is not required for installation of grille. Testing has confirmed that the addition of this grille reduces objectionable noises. In a few extreme cases extra sound deadening may be required to completely eliminate objectionable noises. Use insulation where needed to improve sound quality.