

INSTALLATION INSTRUCTIONS

Accessory Wind Baffle Kit

For R-410A Horizontal AC & HP


NASA00101WB, NASA00201WB, NASA00301WB, & NASA00401WB

NOTE: Read and become familiar with these instructions before beginning 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. Have a fire extinguisher available. Read these instructions thoroughly and follow all warnings or cautions included in literature and attached to the unit. Consult local building codes, the current editions of the National Electrical Code (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 beginning any modification or installation of this kit, be sure the main electrical disconnect is in the OFF position. Ensure power is disconnected to the fan coil unit. On some systems both the fan coil and the outdoor unit may be on the same disconnect. Tag the disconnect switch with a suitable warning label. There may be more than one disconnect.

GENERAL

These instructions cover the installation of the accessory wind baffle kit on cooling only, heat pump, and multi-split units. The kit is used with horizontal discharge outdoor units to provide improved unit operation in areas with high winds.

INSTALLATION

Refer to Table 1 and Table 2 for kit contents and usage.

Table 1	Kit Contents
	1 – End Baffle 1 – Front Baffle 2 – Z Brackets 9 – No. 10–1/2 in. (12.7mm) Screws

Table 2	Kit Usage			
	MODEL	HC4A3	HC4H3	NH4A4
NASA00101WB	18	18	–	18
NASA00201WB	24	24	18, 24	24
NASA00301WB	30, 36	30, 36	30, 36, 48	30, 36
NASA00401WB	48, 60	48, 60	60	48, 60

* Kit contents are the same for both kits however, sizes of items may differ depending on application.

CAUTION

UNIT DAMAGE HAZARD

Failure to follow this caution may result in unit damage.

To avoid compressor damage, never turn unit on its side or top when installing kit components.

STEP 1 —Install Z Brackets

1. Remove existing screw from outdoor unit top cover. See Figure 1.
2. Position top Z bracket between grille and top cover. Be sure shorter top bend of Z bracket slips between top cover flange and metal strip behind top cover flange. See Figure 1.

CAUTION

UNIT DAMAGE HAZARD

Failure to follow this caution may result in unit damage.

To avoid coil damage, do not screw into the coil when installing kit components.

3. Reinstall screw removed in Step 1, inserting it through screw hole in top cover and Z bracket. Fasten screw into grille.
4. Install bottom Z bracket in basepan corner, following same procedures. Be sure shorter top bend of Z bracket slips between basepan flange and metal strip behind basepan flange. See Figure 1.

STEP 2 —Join End and Front Baffles

1. Using the screws provided in kit, join the two (2) baffles at their center holes. See Figure 2. Tighten screws securely.

STEP 3 —Attach End Baffle Flange

1. Remove three (3) screws from coil cap. See Figure 1.
2. Install end baffle flange to Z bracket and use three (3) screws removed in Step 1 to secure one end. See Figure 1 and Figure 2. End baffle flange fits against coil cap. Tighten screws snugly. Do not overtighten.

STEP 4 —Attach Front Baffle Flange

1. Remove two (2) screws from access panel. See Figure 1.
2. Install front baffle flange using two (2) screws removed in Step 1. Front baffle flange overlaps end baffle flange where Z brackets are installed. With baffle in place, tighten all screws snugly. Do not overtighten.

