

MANUFACTURED FOR:
MITSUBISHI ELECTRIC US, INC.

Wind and Debris Protection

WB-PA6 Wind Baffle

For use with: MXZ-SM(TAM) Smart Multi Outdoor Units

INSTALLATION MANUAL

FOR INSTALLER

For safe and effective use of these items, please read this installation manual thoroughly before installing these components.

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1. Inspecting the shipment



WARNING

Describes precautions that should be observed to prevent the danger of injury or death to the user.



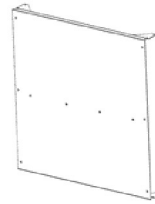
CAUTION

Describes precautions that should be observed to prevent damage to the unit.

1. Check the item shipping label to confirm components are as ordered.
2. Upon receipt of components, carefully inspect them for possible damage. Take special care to examine the components if the carton is damaged.

If damage is found, it should be noted on the carrier's freight bill. Damage claims should be filed with the carrier immediately. Claims of shortages should be filed with the seller within 5 days.

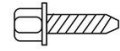
1.1. Package contents



(1X) -
Front Panel



(2X) -
Side Panel



(25X) -
Screw

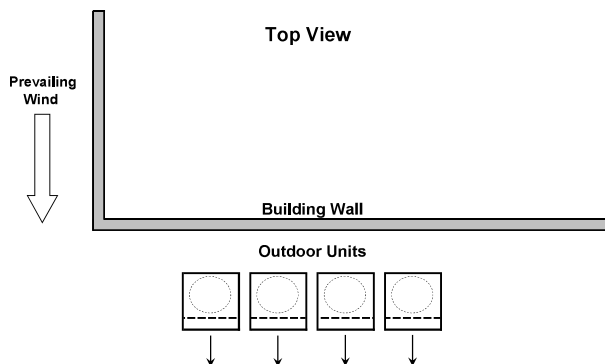


NOTE

Wind baffle requires 22 fasteners for assembly. Extra fasteners are included.

2. Unit placement and clearances

Outdoor units (ODU) should be located in an area protected from prevailing winds (shown below). In high wind locations it may be advisable to locate the units within a walled area.



CAUTION

If the unit is located in an area with continuous high winds, the unit may require additional bracing. Contact your local distributor for assistance.

Pay attention to the following points when installing this product:

1. Outdoor Unit should be installed with back coil surface facing a wall or oriented so the wind does NOT blow directly on to the back coil surface.
2. Installation of this product will reduce the capacity of the unit (approximately 2 or 3%) and increase the noise of outdoor unit (approximately 1 or 2 dB).
3. Do not use this product where there is any obstacle at either side or above the outdoor unit (discharge air will be blocked). This may cause a short cycle.

3. Installing the wind baffle

IMPORTANT

Necessary tools: 8 mm nut driver, ratchet, or torque-limited power drill. A magnetized socket will make installation easier.

WARNING

DO NOT REMOVE the fan protection grate. It is against manufacturer advice and will void warranty.

CAUTION

All screws should be torqued to a tightness of 16 – 17.7 in*lb (1.8 – 2 N*m).

Install the Side Panels:

Step. 1 Locate on the ODU the 4x holes on either side of the fan protection grate.

Step. 2 Place 1x screw into the socket of the nut driver, secure with a finger/tape/magnet.

Step. 3 In the opposite hand, take the side panel and position it so that the narrow flange is facing the ODU, and the flange is facing outward.



NOTE

The side panels are symmetrical and can be used on either side.



Step. 4 Align the top screw hole of the side panel with the top screw hole of the bolt pattern.

Step. 5 Drive the screw into the top screw hole about 90%. Some flex is required later in assembly.



NOTE

Position the screw carefully. Threads will be formed by the screw during assembly. Misaligned threads can strip or cross-thread.



Step. 6 Install and partially drive the remaining 3x screws.

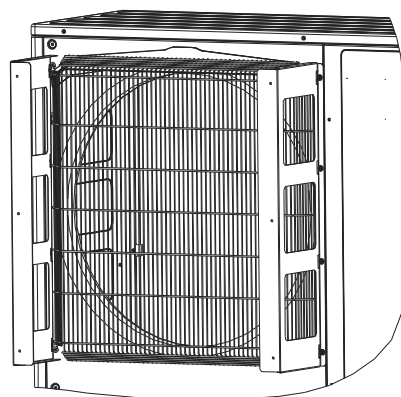


CAUTION

When installing in windy conditions, it is best to install at least 2 screws before releasing the panel to prevent paint damage.



Step. 7 Repeat steps 1-6 for the opposing side panel.



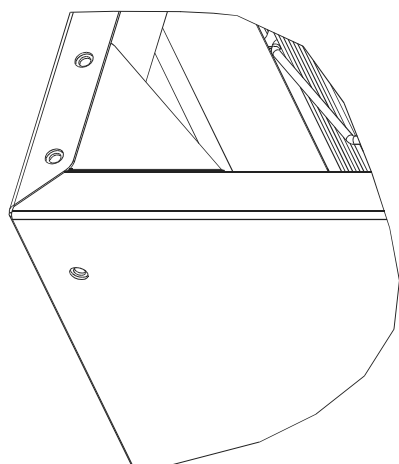
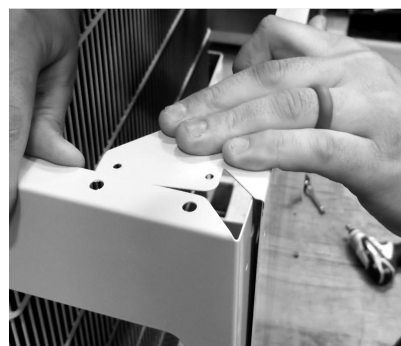
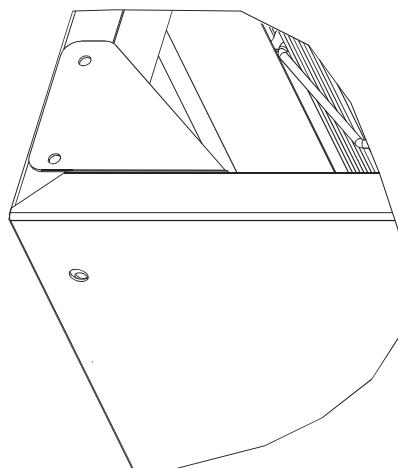
Install the front panel:

Step. 8 Locate the front panel and orient it so that the gussets are horizontal. Tilt the front panel back, aligning then inserting the lower gusset tabs with the gaps in the bottom corner of the side panels.



Step. 9 Tilt the panel forward into place.

Step. 10 The corner gusset tabs should be located UNDER the matching tabs of the side panel. Move the side panels as needed to create clearance.

**OK****CAUTION**

This image shows incorrect gusset placement, which causes excessive noise and vibration.

Step. 11 Adjust panels to align the screw holes. Partially drive 2x screws to secure the front panel to the side panels.



CAUTION

In windy conditions the front panel must be secure before releasing it.



Step. 12 Continue to partially drive the screws until all fasteners are attached to the front face and all corner gussets.



Step. 13 Use a torque-limited power drill or a torque wrench to complete tightening of all 22x screws. All screws should be torqued to a tightness of 16 – 17.7 in*lb (1.8 – 2 N*m).



This product is designed and intended for use in the residential, commercial and light-industrial environment.

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