

MANUFACTURED FOR:  
MITSUBISHI ELECTRIC US, INC.

**P-SERIES**

## **Advanced Wind Baffle**

**WB-SD4 / WB-RE4**

**WB-SD5 / WB-RE5**

**WB-SD6 / WB-RE6**

for use with:

PUY-NHA7 and PUY-NKA7 Outdoor Units

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### INSTALLATION MANUAL

FOR INSTALLER

For safe and correct use, please read this installation manual thoroughly before installing the advanced wind baffles.

English

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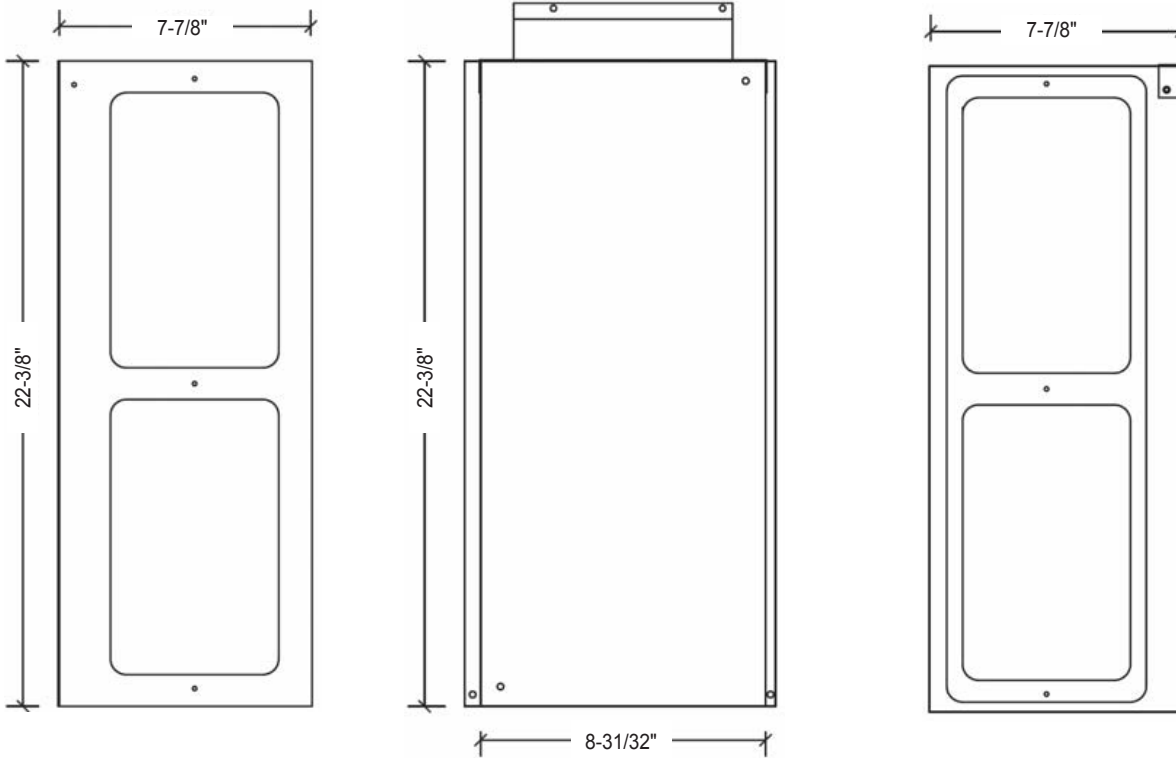
# 1. Dimensions

## WB-SD4

Specifications:

- Material: 20 Ga. Satin Coat Steel-Painted
- Description: Side Windscreen
- To be used in operation below 0° F

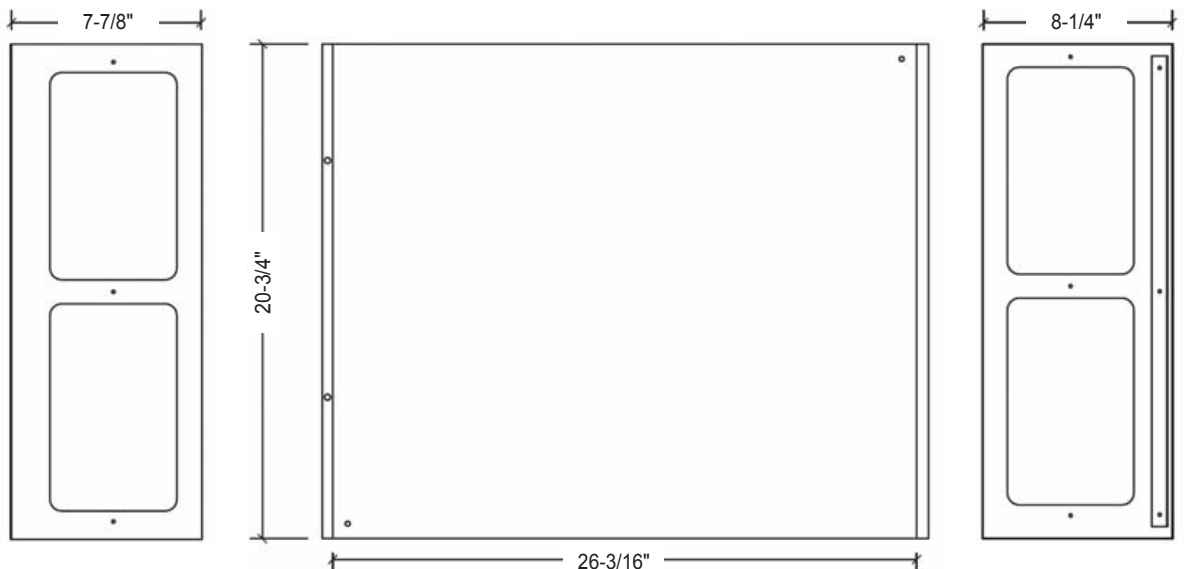
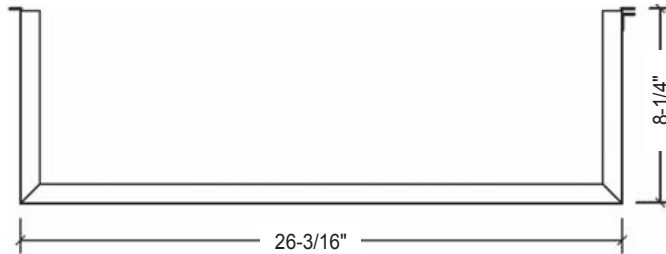
- Dimension Units: inches
- Scale: NTS
- Weight: 6lbs



## WB-RE4

Specifications:

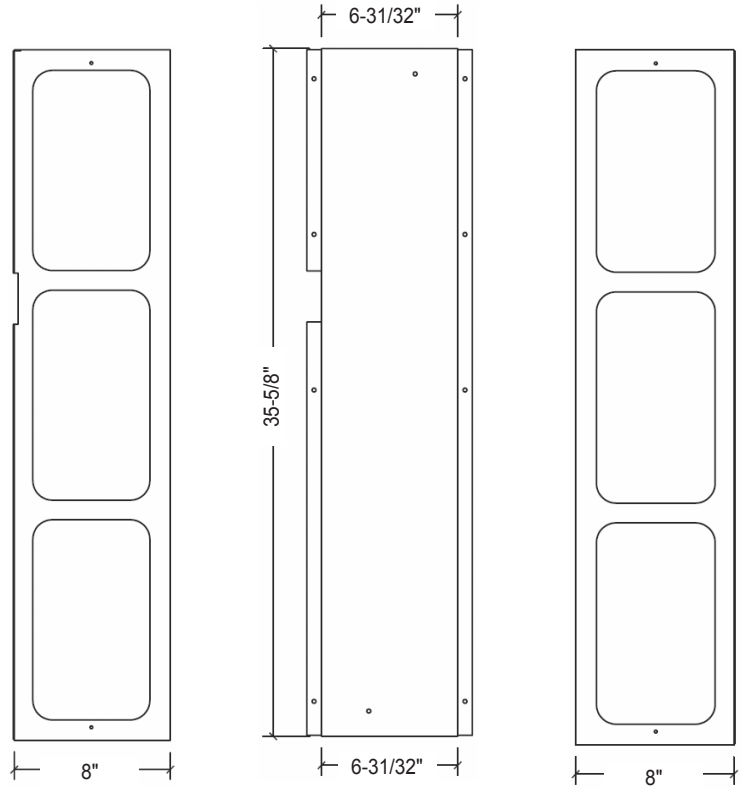
- Material: 20 Ga. Satin Coat Steel-Painted
- Description: Rear Windscreen
- To be used in operation below 0° F
- Dimension Units: inches
- Scale: NTS
- Weight: 11lbs



**WB-SD5**

Specifications:

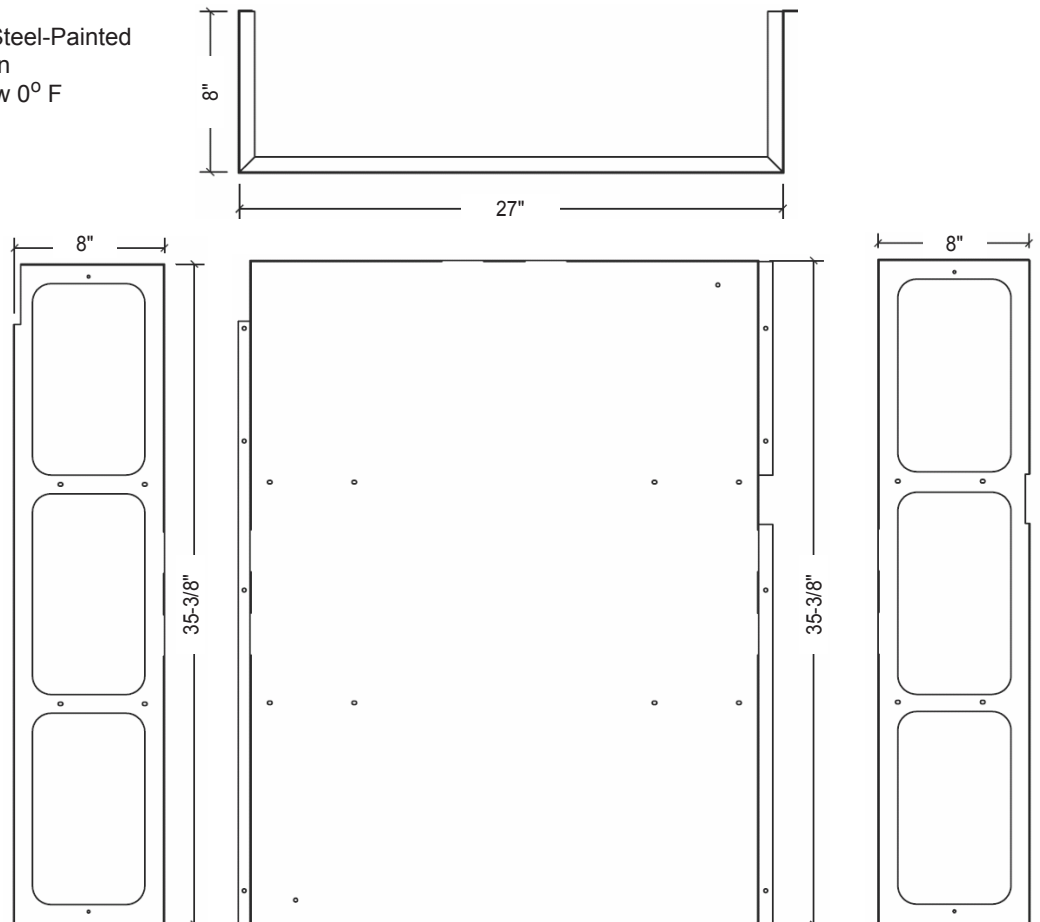
- Material: 20 Ga. Satin Coat Steel-Painted
- Description: Side Windscreen
- To be used in operation below 0° F
- Dimension Units: inches
- Scale: NTS
- Weight: 10lbs



**WB-RE5**

Specifications:

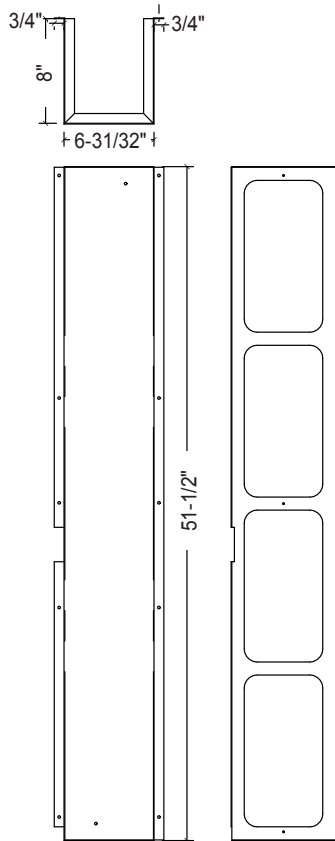
- Material: 20 Ga. Satin Coat Steel-Painted
- Description: Rear Windscreen
- To be used in operation below 0° F
- Dimension Units: inches
- Scale: NTS
- Weight: 18lbs



### WB-SD6

Specifications:

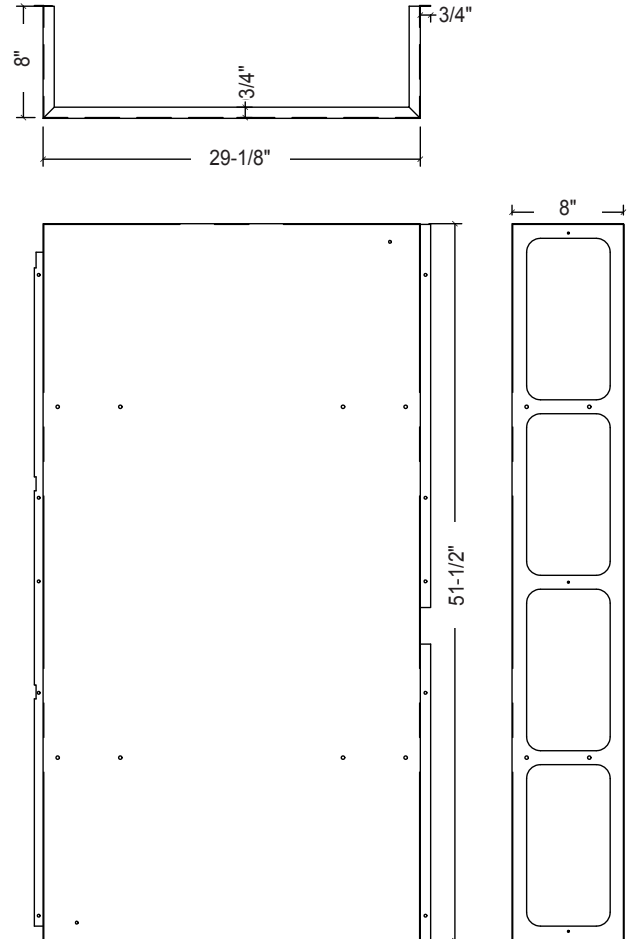
- Material: 20 Ga. Satin Coat Steel-Painted
- Description: Side Windscreen
- To be used in operation below 0° F
- Dimension Units: inches
- Scale: NTS
- Weight: 15lbs



### WB-RE6

Specifications:

- Material: 20 Ga. Satin Coat Steel-Painted
- Description: Rear Windscreen
- To be used in operation below 0° F
- Dimension Units: inches
- Scale: NTS
- Weight: 35lbs



## 2. Inspect Shipment

Upon receipt of equipment, carefully inspect it for possible damage. Take special care to examine the unit 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.

## 3. Safety Precautions

Carefully read this section, always observe for safety, and securely install the optional parts.

- Be sure to observe the cautions described here: They include critical contents for safety.
- The following indications show the classifications for danger, and possible consequences following incorrect handling.
- After installation, perform a test run and make sure that there is no abnormality, and ask your customer to keep this installation sheet with the instruction manual at all times. Also ask the customer to transfer these manuals to a new user if the user changes.

Symbols used in the text

**⚠ Warning:**  
This symbol denotes incorrect handling could lead to death or serious injury

**⚠ Caution:**  
This symbol denotes incorrect handling could lead to injury or damage the house and household articles

### ⚠ Warning:

- **Ask the dealer or specialist for installation.**
  - If installed incorrectly by user, water leak, electric shock, fire, etc could result.
- **Carefully install the panel according to this installation.**
  - Incorrect installation could cause water leak, electric shock or refrigerant leak.

### ⚠ Caution:

- **Do not place polyethylene bags in reach of young children.**
  - Putting them over the head will block breathing passages, which could result in suffocation.

## 4. Installation Considerations

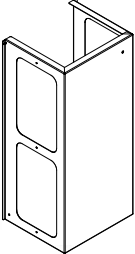


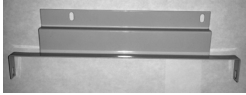
These wind baffles and blockers are used to prevent wind from blowing directly onto the heat exchangers. They are also used to protect the coils when strong winds, such as a hurricane, wind blowing through tall building, etc. directly strike the air inlet. In addition, installation of this product is necessary when cooling operation is to be performed in outside-air temperatures of 0° F or lower (down to -20° F).

Pay attention to the following points when installing this product:

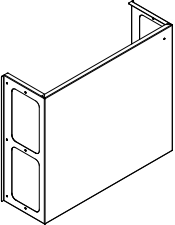



1. To eliminate the effects of external wind, be sure to install this unit with back surface facing wall side.
2. Do not install this unit in orientation or site where wind directly blows at the back of the unit.
3. Installing of this product will reduce the capacity of the unit (approx. 2 or 3%) and increase the noise of the outdoor unit (approx. 1 or 2 dB).
4. Do not use this product where there is any obstacle at either side or above the outdoor unit (discharged air will be blocked)

## 5. Checking Parts

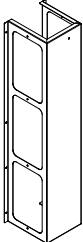

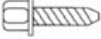
### WB-SD4

1 Side Windscreen	1 Wind blocker	5 Mounting Screws	1 Top Bracket
① 	② 	③  M5 x 14	④ 

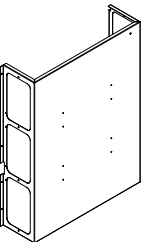


### WB-RE4

1 Windscreen	1 Side Plate	1 Wind blocker	9 Mounting Screws
① 	② 	③ 	④  QTY 6 - M5 X 14 QTY 3 - #8 TEK


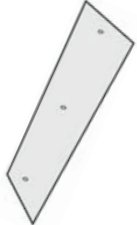
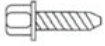
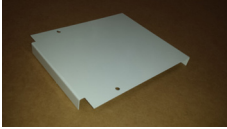
### WB-SD5

1 Side Windscreen	1 Wind blocker	12 Mounting Screws
① 	② 	③  M5 x 14


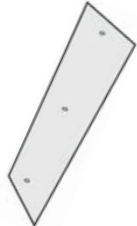
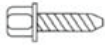

### WB-RE5

1 Rear Windscreen	1 Wind blocker	12 Mounting Screws
① 	② 	③  M5 x 14

**WB-SD6**

1 Side Windscreen	1 Wind blocker	17 Mounting Screws	1 Top Panel
<p>①</p> 	<p>②</p> 	<p>③</p>  <p>M5 x 14</p>	<p>④</p> 

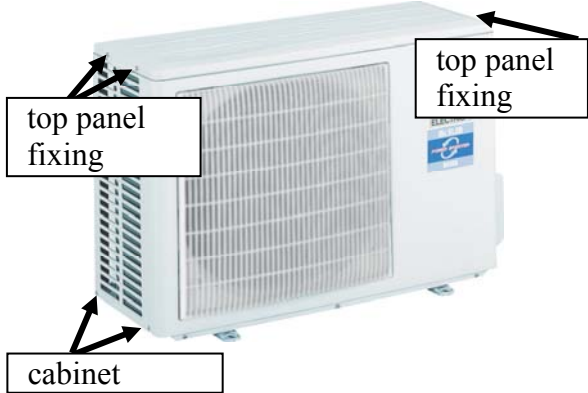
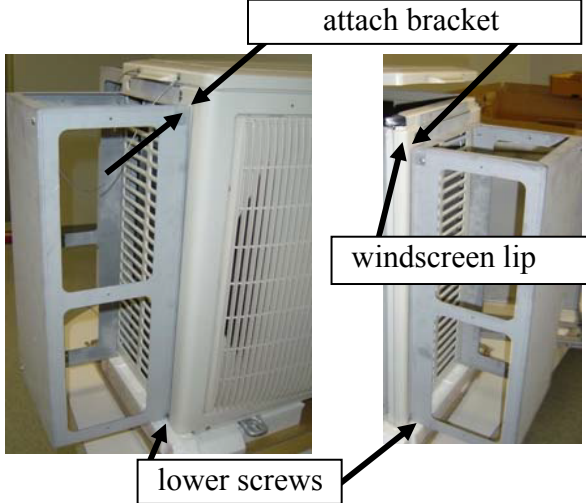
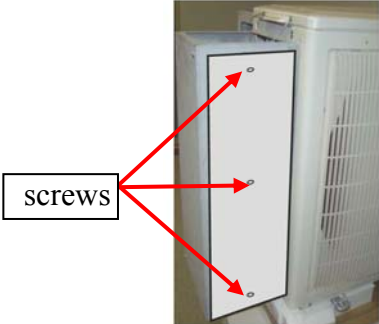
**WB-RE6**

1 Rear Windscreen	1 Wind blocker	16 Mounting Screws	1 Top Panel
<p>①</p> 	<p>②</p> 	<p>③</p>  <p>M5 x 14</p>	<p>④</p> 



## 6. Installation Instructions

WB-SD4

	Instructions	Illustration
1	<p>Remove the top panel fixing screws (one from the right side and two from the left side) and detach the top panel. Remove two screws from the lower left side of the cabinet as illustrated.</p>	
2	<p>Attach top bracket to windscreen with two(2) provided screws.</p> <p>With the top cover off, align side windscreen to outdoor unit and secure the lower end of windscreen with cabinet screws previously removed.</p> <p>Replace the top cover and ensure the wind screen lip fits under it. Secure the top cover, windscreen with top panel fixing screws.</p>	
3	<p>Align wind blocker to pre-drilled holes on the side wind screen. Attach wind blocker to the side of windscreen where there is direct wind exposure. Use screws provided.</p> <p>Note: Wind blockers are used to protect the heat exchanger from direct wind exposure, install where applicable.</p>	

WB-RE4

Instructions

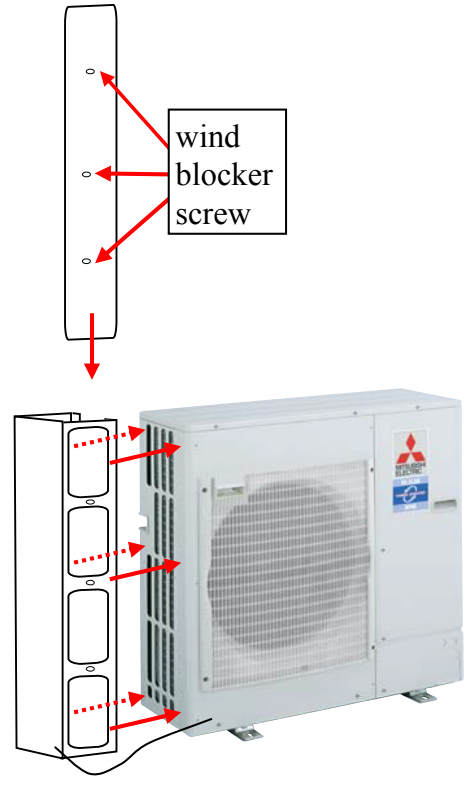
Illustration

<p>1</p>	<p>Insert right side lip of windscreen between right side of black plastic grill and edge of cabinet.</p>	
<p>2</p>	<p>Rotate the windscreen clockwise and secure with two existing screws.</p>	
<p>3</p>	<p>Attach side plate to the right side of wind screen and secure with three screws provided. Attach side plate to unit with three self drilling screws provided.</p>	
<p>4</p>	<p>If required, secure side blocker to the side of windscreen where there is direct exposure to wind. Use pre-drilled holes and screws provided.</p>	

**WB-SD5**

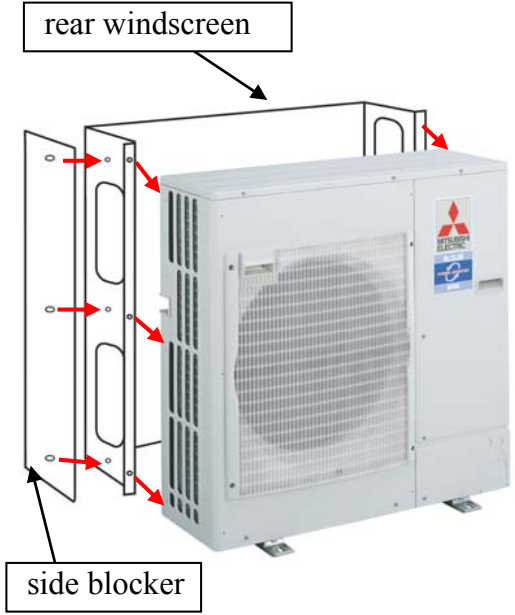
**Instructions**

**Illustration**

1	Align side windscreen with existing screw holes on the outdoor unit and secure with screws provided.	
2	Depending on unit installation, blockers are used to prevent wind blowing directly onto the heat exchanger. Note: Wind blockers are universal and will fit both left and right side windscreen.	
3	Secure blocker to one side of side windscreen using pre-drilled holes and provided screws.	

Instructions

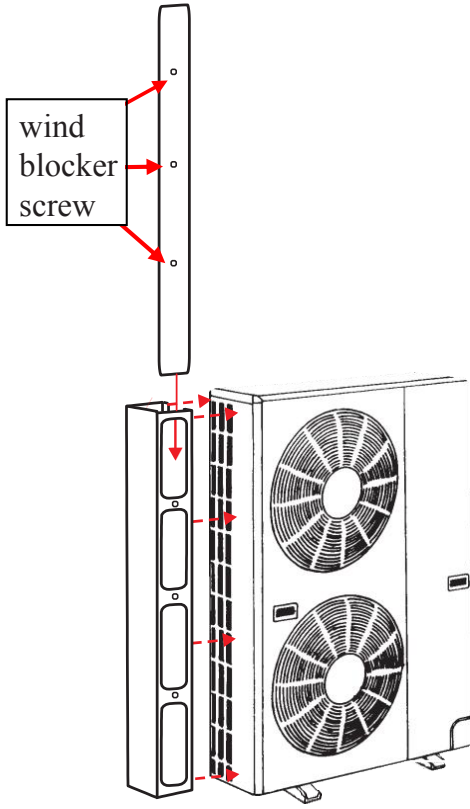
Illustration

<p>1</p>	<p>Align rear windscreen with existing screw holes on the outdoor unit and secure with screws provided.</p>	 <p>The illustration shows a white outdoor AC unit with a large circular fan grille. A white rear windscreen is being attached to the back of the unit. Red arrows indicate the alignment of the windscreen's top edge with the top of the unit and its bottom edge with the bottom of the unit. A side blocker is being attached to the left side of the windscreen. Red arrows also point to the alignment of the blocker with the side of the unit. Labels 'rear windscreen' and 'side blocker' are shown in boxes with arrows pointing to the respective parts.</p>
<p>2</p>	<p>Depending on unit installation, blockers are used to prevent wind blowing directly onto the heat exchanger. Note: Wind blockers are universal and will fit both left and right side windscreen.</p>	
<p>3</p>	<p>Secure blocker to one side of side windscreen using pre-drilled holes and provided screws.</p>	

**WB-SD6**

**Instructions**

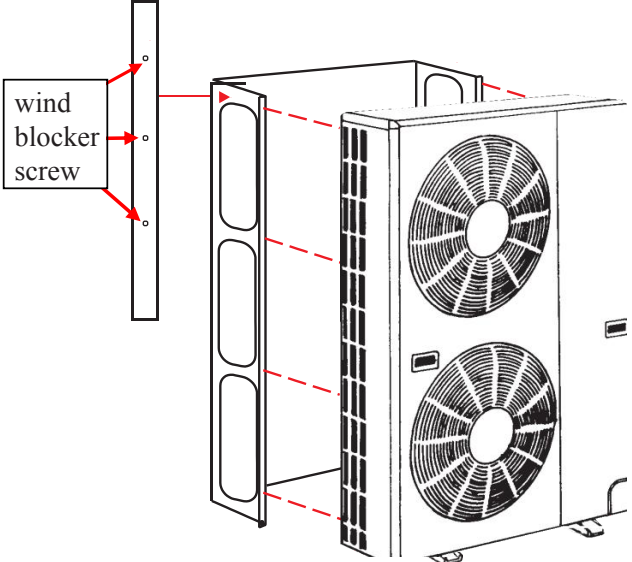
**Illustration**

1	Align side wind screen with existing screw holes and secure with screws provided.	 <p>The illustration shows a side view of an outdoor air conditioning unit with two fans. A vertical wind blocker is being attached to the left side of the unit's front panel. A callout box labeled 'wind blocker screw' has three red arrows pointing to the top, middle, and bottom screw holes on the blocker. Red arrows also point to the corresponding screw holes on the unit's front panel. A downward-pointing arrow on the blocker indicates its orientation.</p>
2	<p>Depending on unit installation, blockers are used to prevent wind blowing directly onto the heat exchanger.</p> <p>Note: Wind blockers are universal and will fit both left and right side windscreen.</p> <p>Secure blocker to one side of side windscreen using pre-drilled holes and provided screws.</p>	
3	Install windscreen top panel with provided screws when not pre-installed.	

WB-RE6

Instructions

Illustration

1	Align rear wind screen with existing screw holes and secure with screws provided.	 <p>The illustration shows a side view of an outdoor air conditioning unit. A vertical rectangular wind blocker is being attached to the left side of the rear wind screen. A callout box labeled 'wind blocker screw' has three arrows pointing to the top, middle, and bottom holes of the wind blocker, which are being inserted into the corresponding holes on the wind screen. The unit's front panel features two large circular fans and a vertical grille.</p>
2	<p>Depending on unit installation, blockers are used to prevent wind blowing directly onto the heat exchanger.</p> <p>Note: Wind blockers are universal and will fit both left and right side windscreen.</p> <p>Secure blocker to one side of windscreen using pre-drilled holes and provided screws.</p>	
3	Install windscreen top panel with provided screws when not pre-installed.	



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

Please be sure to put the contact address/telephone number on this manual before handing it to the customer.

**Manufactured for MITSUBISHI ELECTRIC US, INC.**

[www.mitsubishielectric-usa.com](http://www.mitsubishielectric-usa.com)

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