

MANUFACTURED FOR:
MITSUBISHI ELECTRIC US, INC.

P-SERIES

Advanced Wind Baffle

WB-SD1 / WB-RE1

WB-SD2 / WB-RE2

WB-SD3 / WB-RE3

for use with:

PUY-NHA6 Outdoor Units

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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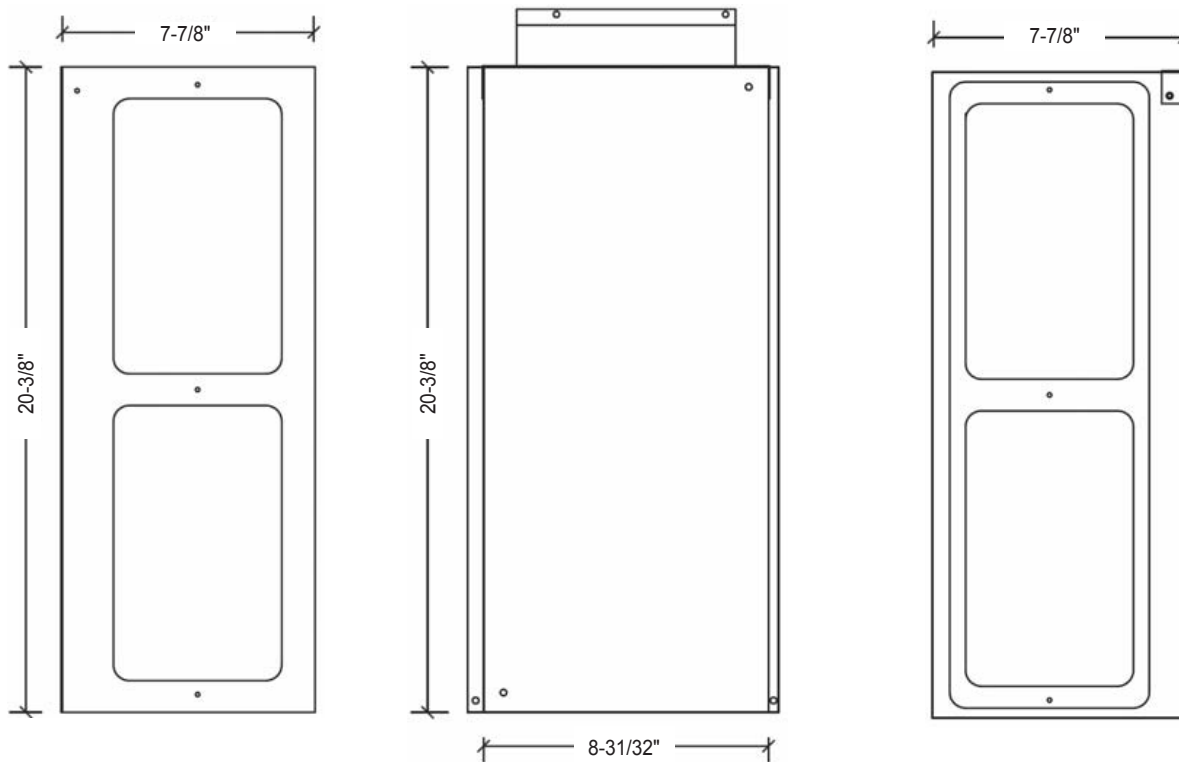
1. Dimensions

WB-SD1

Specifications:

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

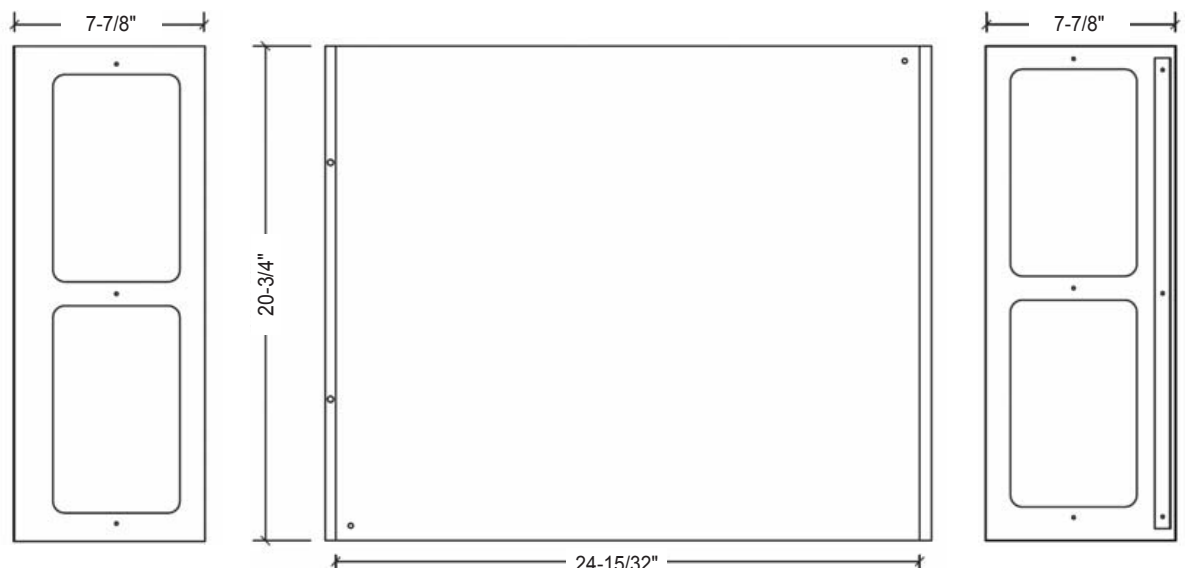
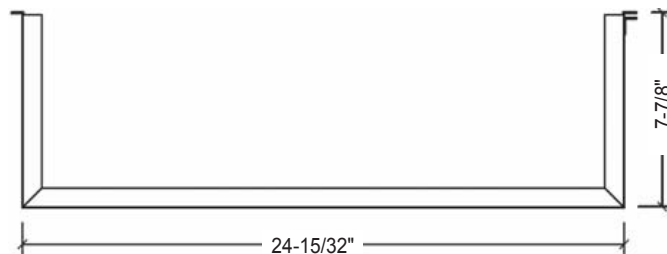
- Dimension Units: inches
- Scale: NTS
- Weight: 6lbs



WB-RE1

Specifications:

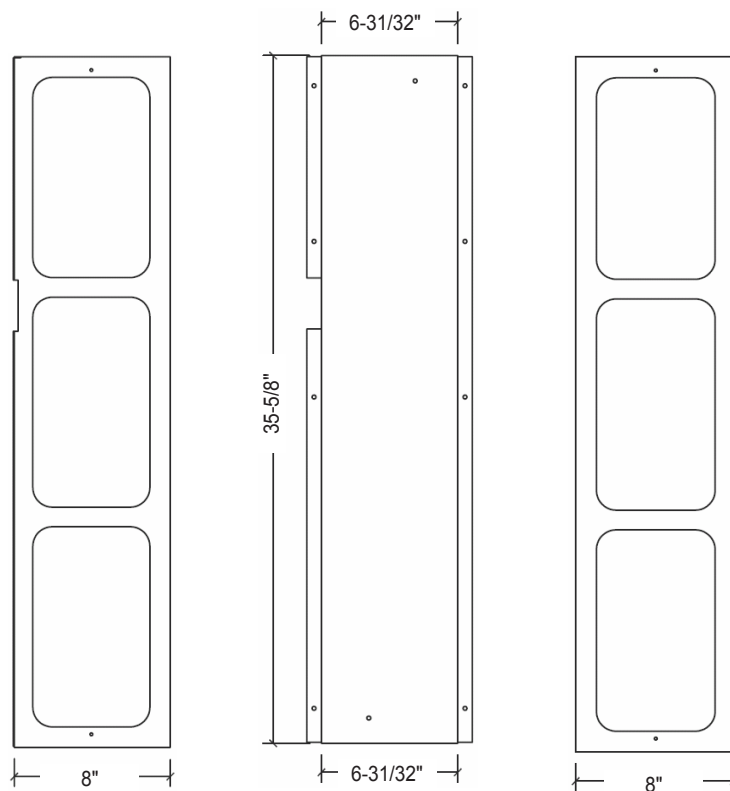
- Material: 20 Ga. Satin Coat Steel-Painted
- Description: Rear Windscreen
- To be used in operation below 0° F
- Dimension Units: inches
- Scale: NTS
- Weight: 10lbs



WB-SD2

Specifications:

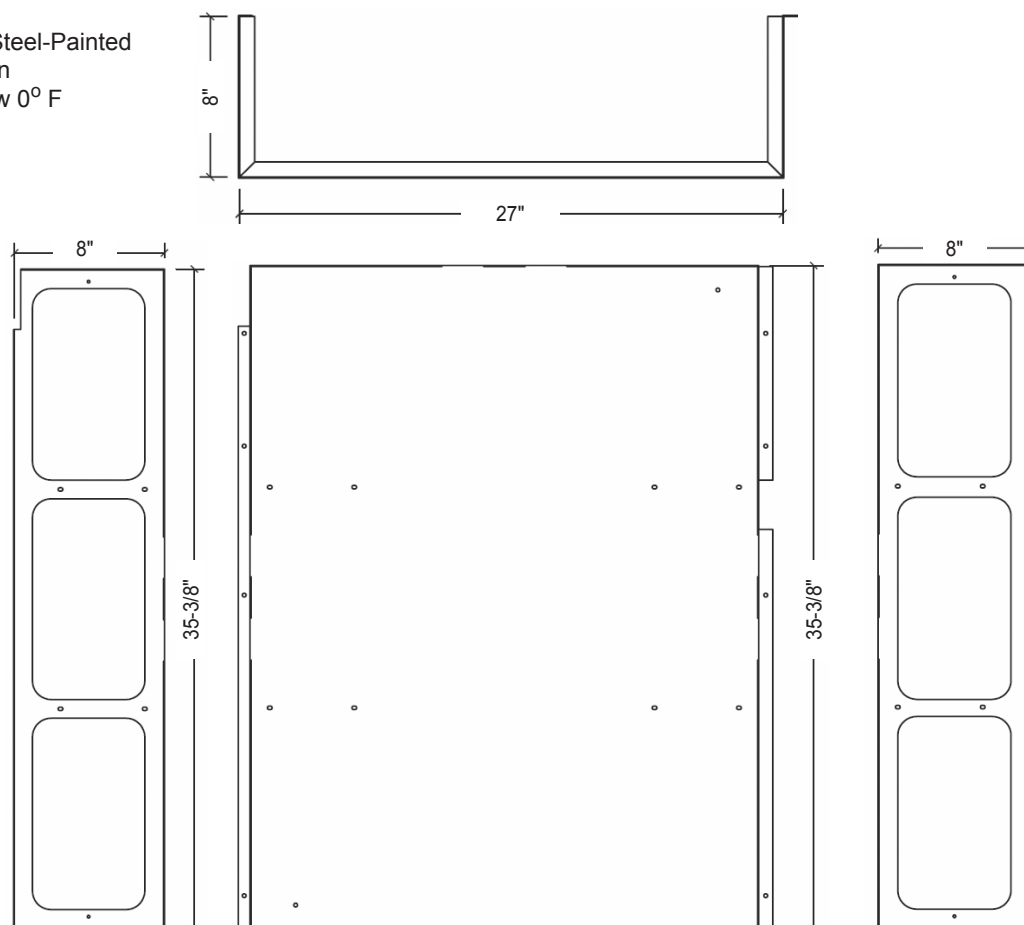
- Material: 20 Ga. Satin Coat Steel-Painted
- Description: Side Windscreen
- To be used in operation below 0° F
- Dimension Units: inches
- Scale: NTS
- Weight: 10lbs



WB-RE2

Specifications:

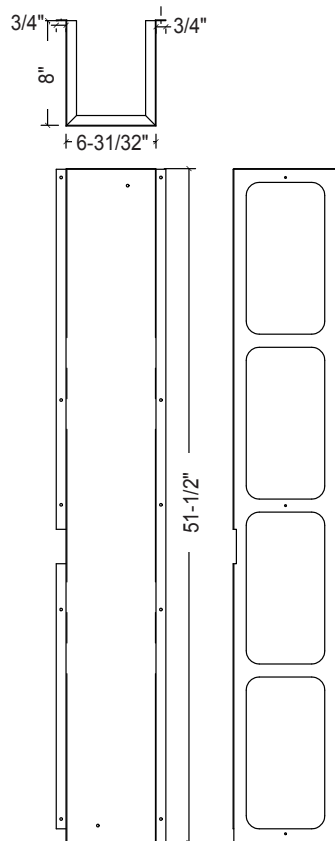
- Material: 20 Ga. Satin Coat Steel-Painted
- Description: Rear Windscreen
- To be used in operation below 0° F
- Dimension Units: inches
- Scale: NTS
- Weight: 18lbs



WB-SD3

Specifications:

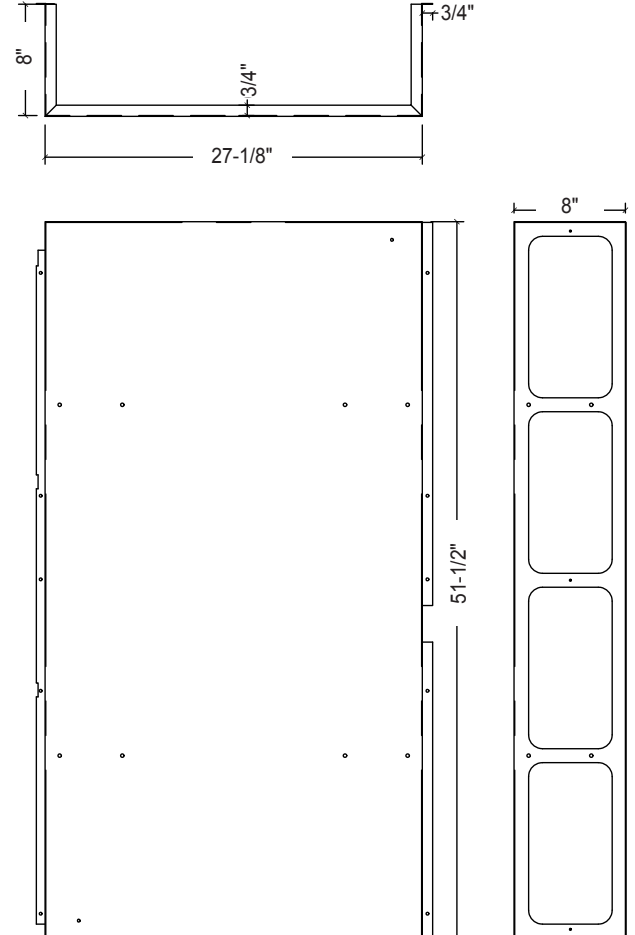
- Material: 20 Ga. Satin Coat Steel-Painted
- Description: Side Windscreen
- To be used in operation below 0° F
- Dimension Units: inches
- Scale: NTS
- Weight: 15lbs



WB-RE3

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: 32lbs



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

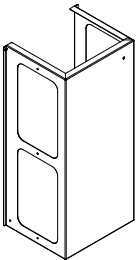

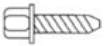

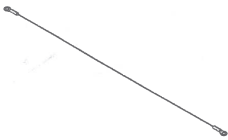
These wind baffles and blockers are used to prevent wind from blowing directly onto the heat exchangers. They are also used to protect the coils when strong winds, such as a hurricane, wind blowing through tall building, etc. directly strike the air inlet. In addition, installation of this product is 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:

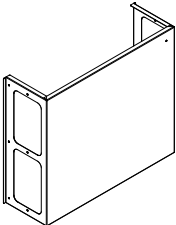


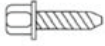
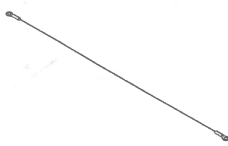
1. To eliminate the effects of external wind, be sure to install this unit with back surface facing wall side.
2. Do not install this unit in orientation or site where wind directly blows at the back of the unit.
3. Installing of this product will reduce the capacity of the unit (approx. 2 or 3%) and 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

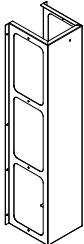
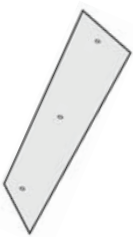

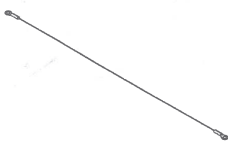
WB-SD1

1 Side Windscreen	1 Wind blocker	5 Mounting Screws	1 Top Bracket	1 Safety String
① 	② 	③  M5 x 14	④ 	⑤  WITH 10-24 Screw/Nut

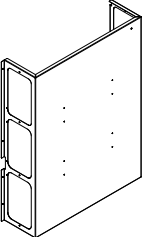

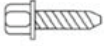
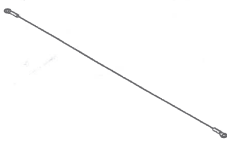
WB-RE1

1 Windscreen	1 Side Plate	1 Wind blocker	6 Mounting Screws	1 Safety String
① 	② 	③ 	④  M5 x 14	⑤  WITH 10-24 Screw/Nut

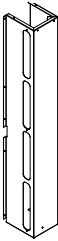


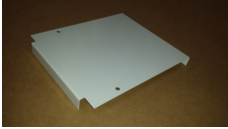
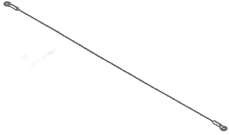
WB-SD2

1 Side Windscreen	1 Wind blocker	12 Mounting Screws	1 Safety String
① 	② 	③  M5 x 14	④  WITH 10-24 Screw/Nut

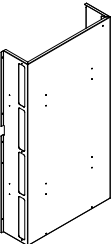




WB-RE2

1 Rear Windscreen	1 Wind blocker	12 Mounting Screws	1 Safety String
① 	② 	③  M5 x 14	④  WITH 10-24 Screw/Nut

WB-SD3

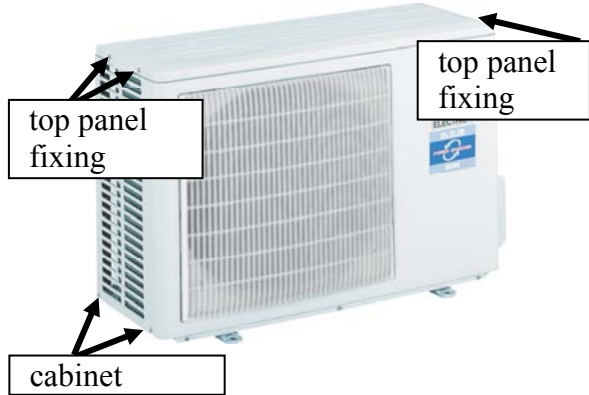
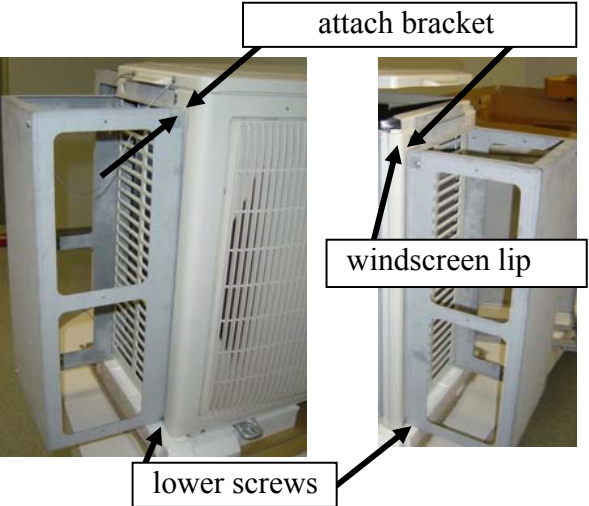
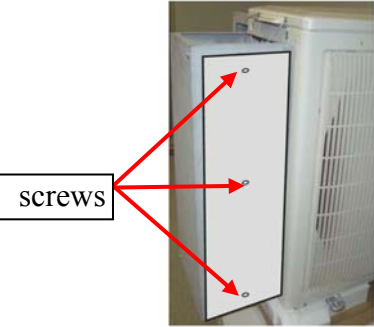
1 Side Windscreen	1 Wind blocker	17 Mounting Screws	1 Top Panel	1 Safety String
① 	② 	③  M5 x 14	④ 	⑤  WITH 10-24 Screw/Nut

WB-RE3

1 Rear Windscreen	1 Wind blocker	16 Mounting Screws	1 Top Panel	1 Safety String
① 	② 	③  M5 x 14	④ 	⑤  WITH 10-24 Screw/Nut

6. Installation Instructions

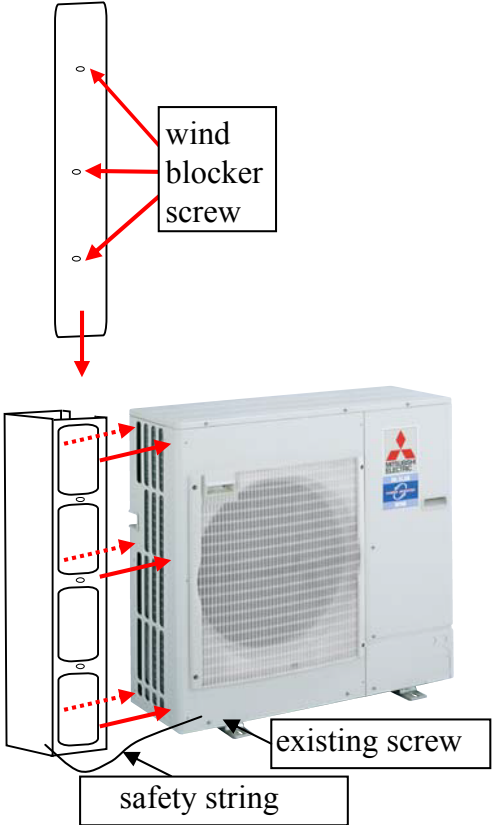
WB-SD1

	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>	 <p>top panel fixing</p> <p>top panel fixing</p> <p>cabinet</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> <p>Attach the safety string to the lower left inside of windscreen using the pre-punched hole and the provided 10-24 screw and nylon lock nut.</p> <p>Attach the safety string to the closest screw on the rear of the unit with existing cabinet screw.</p>	 <p>attach bracket</p> <p>windscreen lip</p> <p>lower 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>	 <p>screws</p>

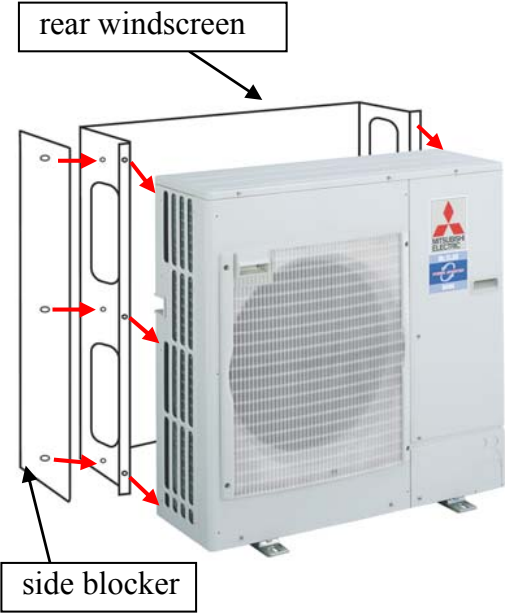
WB-RE1

	Instructions	Illustration
1	Insert right side lip of windscreen between right side of black plastic grill and edge of cabinet.	
2	Rotate the windscreen clockwise and secure with two existing screws.	
3	Attach side plate to the right side of wind screen and secure with three screws provided.	
4	<p>Attach the safety string to the lower left inside of windscreen using the pre-punched hole and the provided 10-24 screw and nylon lock nut.</p> <p>Secure the safety string to lower left side of cabinet with existing cabinet screw.</p>	
5	If required, secure side blocker to the side of windscreen where there is direct exposure to wind. Use pre-drilled holes and screws provided.	

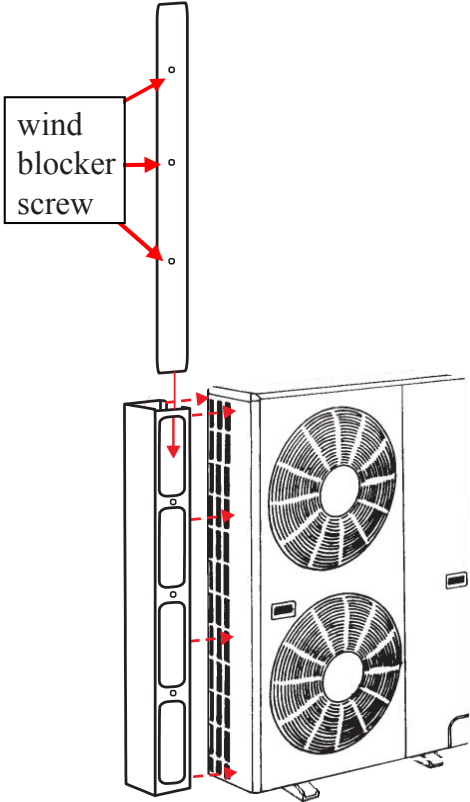
WB-SD2

Instructions		Illustration
1	Align side windscreen with existing screw holes on the outdoor unit and secure with screws provided.	
2	Attach the safety string to the lower left inside of windscreen using the pre-punched hole and the provided 10-24 screw and nylon lock nut. Attach the safety string to the lower rear of cabinet, using existing screw.	
3	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.	
4	Secure blocker to one side of side windscreen using pre-drilled holes and provided screws.	

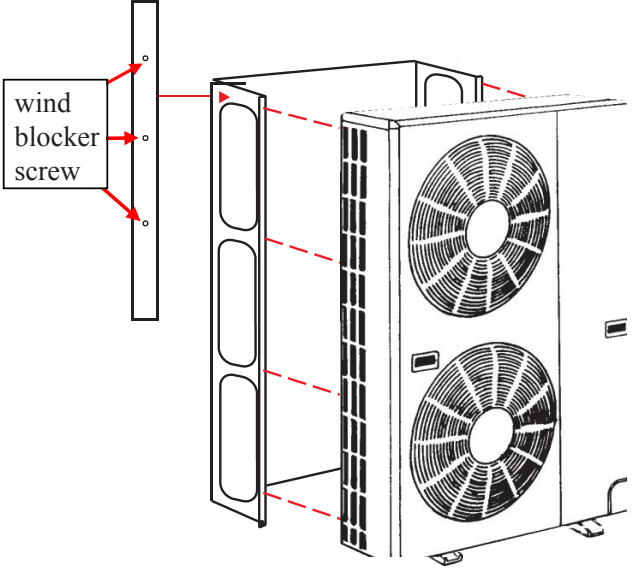
WB-RE2

	Instructions	Illustration
1	<p>Align rear windscreen with existing screw holes on the outdoor unit and secure with screws provided.</p> <p>Attach the safety string to the lower left inside of windscreen using the pre-punched hole and the provided 10-24 screw and nylon lock nut.</p> <p>Attach safety string to the unit lower left side with existing cabinet screw.</p>	 <p>The illustration shows a white outdoor unit with a large circular fan grille. A black line drawing of a 'rear windscreen' is shown being attached to the back of the unit with red arrows. A 'side blocker' is shown being attached to the left side of the unit with red arrows. Labels with arrows point to the 'rear windscreen' and 'side blocker'.</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>	
3	<p>Secure blocker to one side of side windscreen using pre-drilled holes and provided screws.</p>	

WB-SD3

	Instructions	Illustration
1	<p>Align side wind screen with existing screw holes and secure with screws provided.</p> <p>Attach the safety string to the lower left inside of widescreen using the pre-punched hole and the provided 10-24 screw and nylon lock nut.</p> <p>Attach safety string to lower side of cabinet using existing screw.</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	<p>Install windscreen top panel with provided screws when not pre-installed.</p>	

WB-RE3

Instructions		Illustration
1	<p>Align rear wind screen with existing screw holes and secure with screws provided.</p> <p>Attach the safety string to the lower left inside of widescreen using the pre-punched hole and the provided 10-24 screw and nylon lock nut.</p> <p>Attach safety string to lower side of cabinet using existing screw.</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 windscreens.</p> <p>Secure blocker to one side of windscreen using pre-drilled holes and provided screws.</p>	
3	<p>Install windscreen top panel with provided screws when not pre-installed.</p>	

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.

A large, empty rectangular box with a thin black border, intended for the user to write the contact address and telephone number before handing the manual to the customer.

Manufactured for MITSUBISHI ELECTRIC US, INC.

www.mitsubishielectric-usa.com

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