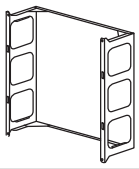
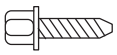
How to Use / How to Install

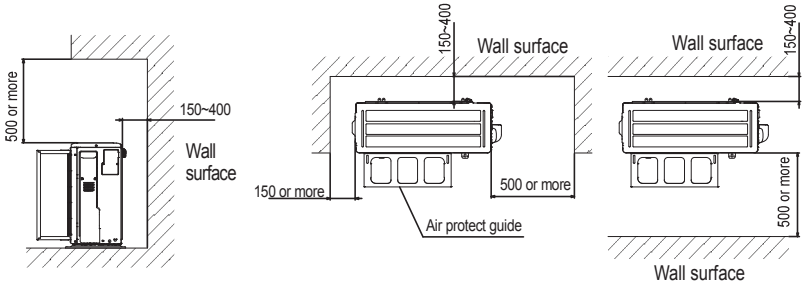
1 Accessories

Make sure that all the following parts, in addition to this manual, are in this box.

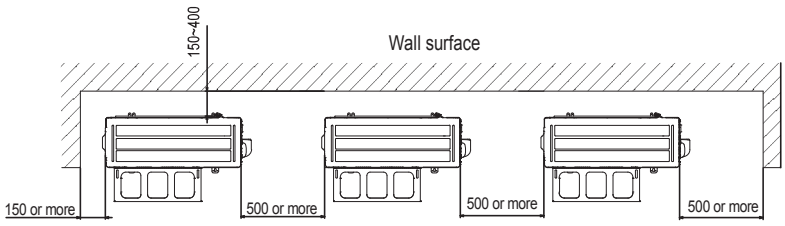
① Air protect guide	1	② Mounting screw 4×16	4	③ Washer	4	④ Spring washer	4
							

2 Requirements of installation space [Unit: mm]

(1) One unit installation:

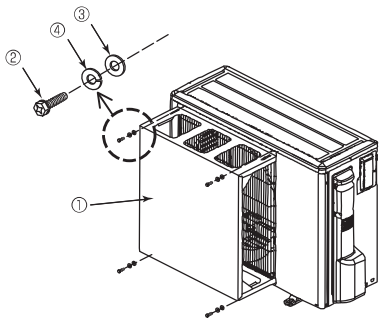


(2) Multiple unit installation: ※Installation of multiple units in series must be no more than five units.



3 Installation procedure

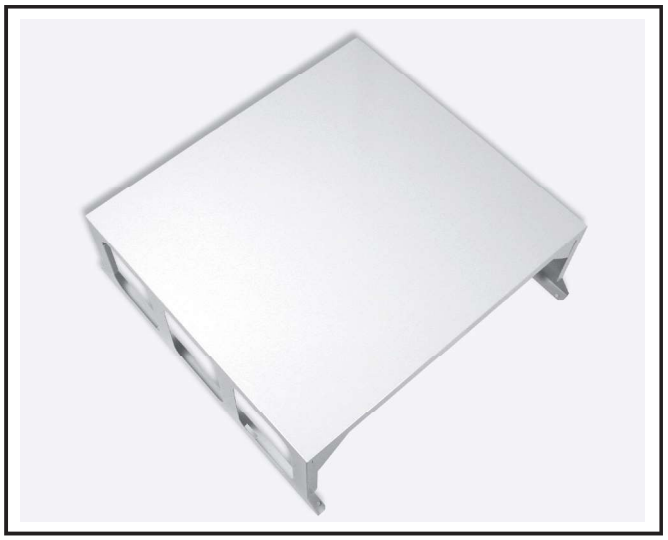
(1) Install the air protect guide ①on the outdoor unit using washers ③, spring washers ④ and screws ②.



Air Protect Guide (for cooling at -15 ℃) PAC-SH63AG-E *

* model change from **PAC-SG57AG-E** from Sep 2005

Photo



Descriptions

Enables operation even when the outside temperature is low.
Protect the unit from cold wind.

Applicable Models

■ PUZ-ZM60VHA type
■ PUZ-ZM71VHA type
[R32 type]

■ PUHZ-ZRP60HA2
■ PUHZ-ZRP71VHA2
1 piece required

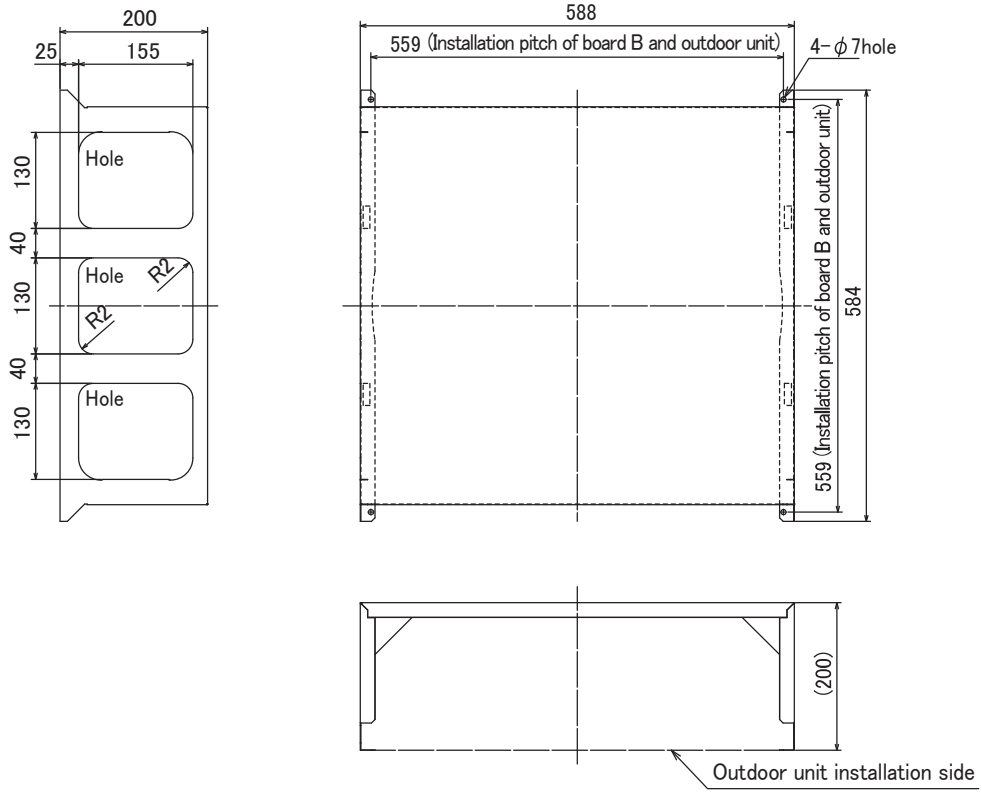
■ PUHZ-SHW112VHA
■ PUHZ-SHW112YHA
■ PUHZ-SHW140YHA
2 pieces required
[R410A type]

Specifications

Exterior	Color (Munsell)	Ivory (3.0Y 7.8/1.1)
	Surface treatment	Acrylic resin coating
	Material	Alloy hot-dip zinc-coated carbon steel sheet
Weight		3.3kg
Accessory name x Qty. <Material/Surface treatment>		Washer faced screw (M5x15) x 4 <Iron wire (SWCH18A)/Zinc nickel plated>

Dimensions

Unit: mm (inch)



⚠ CAUTION

* Air Guide prevents reverse rotation of outdoor unit fan when it enters low speed rotation mode with fan controller being operated.
It is also used for protection of fan when strong winds, such as a typhoon, wind blowing through tall buildings, etc., directly strike the air outlet.
In addition, installation of this product is necessary when cooling opetation is to be performed in outdoor tempreture of -5℃ or lower (down to -15℃).

Note the followings when installing this guide:
1) Be sure not to use "upward discharge" in a place where snowing is possible. Snow may accumulate in the guard, which could damage the fan, etc.
2) Attaching this unit will decrease the performance (by 2-3%) and increase noise from outdoor unit (by approx. 1-2 dB).
3) Do not use "upward discharge" when there are any obstacles at the back and on both sides of outdoor unit (air is taken in from top of unit):
This could cause a short cycle.
4) To eliminate the influence of external wind, be sure to install the unit with its back facing to wall.
5) Do not install this unit in a place where wind directly blows to the back of the unit.

How to Use / How to Install

Package air-conditioner Optional parts
Installation Manual for Air Guide

SAFETY PRECAUTIONS

- Carefully read this section 'Safety Precautions', 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.

⚠WARNING	Incorrect handling could lead to death or serious injury.
⚠CAUTION	Incorrect handling could lead to injury or damage to house and household articles.

- 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 installation manual at all times. Also ask the customer to transfer these manuals to a new user if the user changes.

⚠WARNING

Ask the dealer or specialist for installation.
- If installed incorrectly by user, water leak, electric shock, fire, etc. could result.

Carefully install the optional parts according to this installation sheet.
- Incorrect installation could cause water leak, electric shock, fire, etc.

Before performing installation (moving) and electrical work

⚠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.

If electrical work is necessary, use only specified electric wires adapted with current capacity.
- Use of unsuitable wire could cause electric leak, overheating or fire.

Securely apply heat-insulation to refrigerant pipe so that no condensation occurs.
- If heat-insulation is inadequate, condensation could occur on the surface of pipes and dewdrops could accumulate on ceiling, floor or important goods.

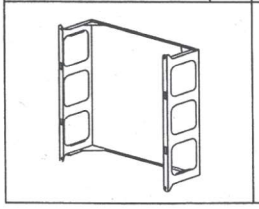
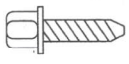
Securely perform drain piping work according to the installation manual so that no condensation occurs.
- If piping work is incorrect, water leak may occur and ceiling, furniture, etc may get wet.

This Air Guide prevents reverse rotation of outdoor unit fan when it enters low speed rotation mode with fan controller being operated. It is also used for protection of fan when strong winds, such as in a typhoon, wind blowing through tall buildings, etc., directly strike the at air outlet.
In addition, installation of this product is necessary when cooling operation is to be performed in outside-air temperature of −5℃ or lower (down to −15℃).
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 outdoor unit (approx. 1 or 2dB).
4) Do not use this product where there is any obstacle at either side or above the outdoor unit (discharged air will be blocked). This may cause a short cycle.

When 2-fan type outdoor unit is used, note that two sets of this product will be necessary.

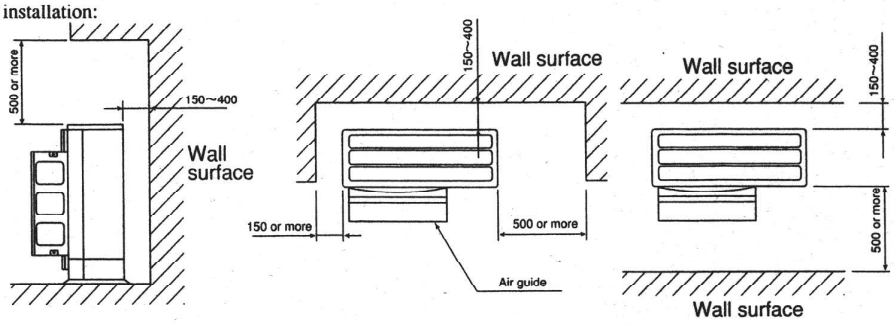
1 Checking parts

Make sure that all the following parts, in addition to this manual, are in this box:

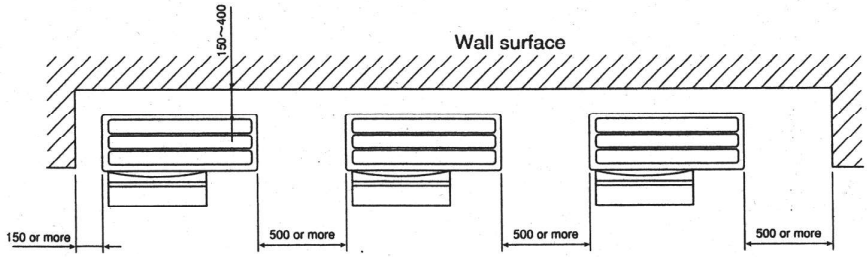
①Air Guide	1	②Mounting screw 5×15	4	③Washer	4	④Spring washer	4
							

2 Requirements of space for installation

(1) One unit installation:

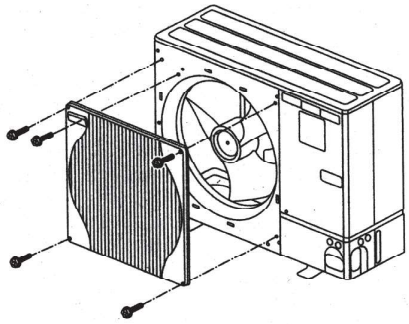


(2) Multiple unit installation: ※Installation of multiple units in series must be no more than five units.

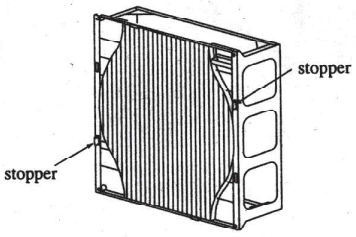


3 Installation procedure

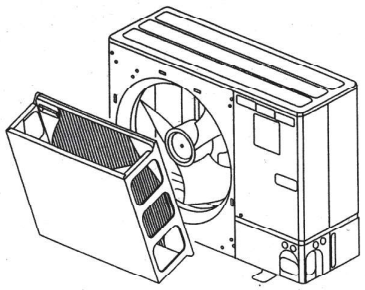
(1) Remove the fan guard fixing screws (five screws on circumference), and then remove the fan guard.



(2) Insert the fan guard stoppers into the square holes on the air guide.



(3) Insert the stoppers (four locations) of the fan guard into the installation holes on the outdoor unit.



(4) Install the air guide on the outdoor unit using washers (3), spring washers (4) and screws (2).
✱ Use existing screws for handle section.

