



Photo



Descriptions

A part for changing the air direction from the outdoor unit. Can also be used to prevent short cycles.

Applicable Models

■ PUY-A12/18

■ PUZ-A12/18

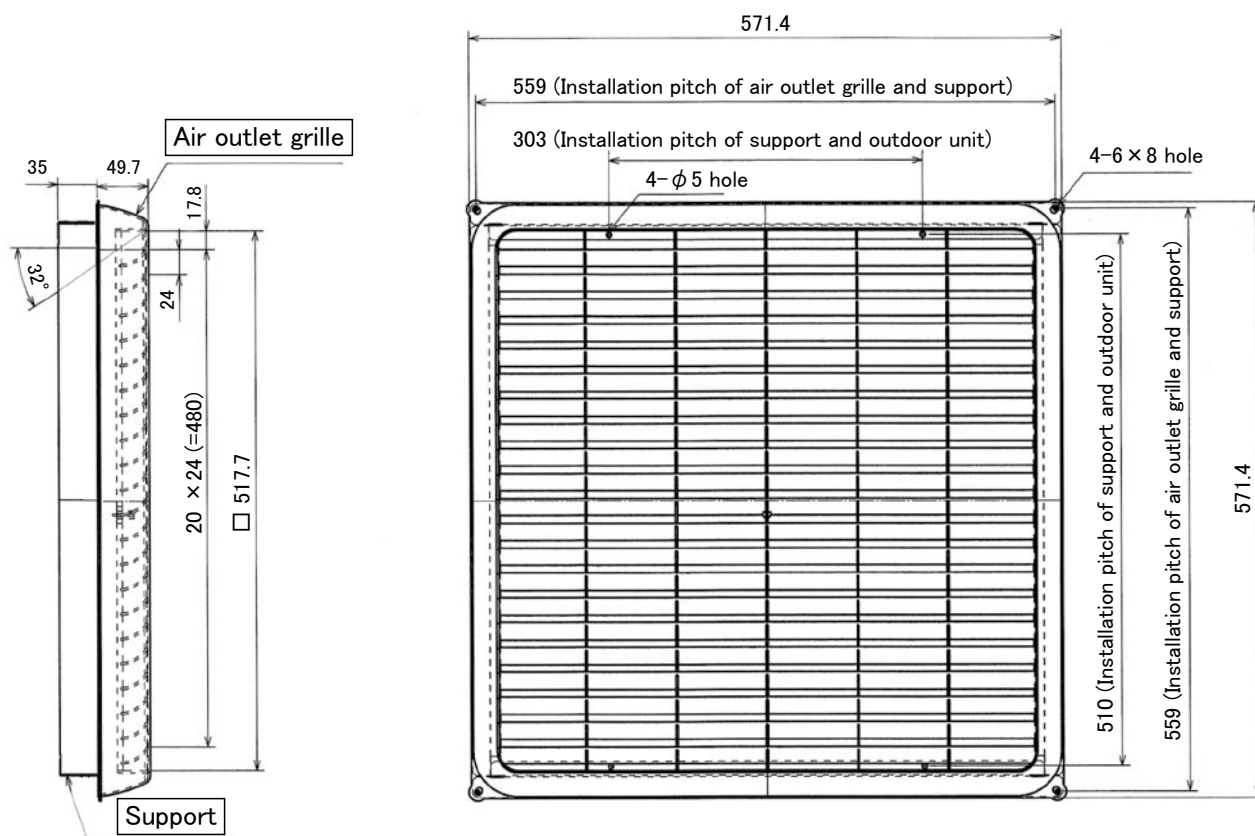
only 1 peice required

Specifications

Exterior	Color (Munsell)	Ivory (3.0Y 7.8/1.1)
	Material	Air outlet grille: PP resin
Weight		2.0kg
Air outlet direction		Changeable between up, down or sideways
Accessory name x Qty. <Material/Surface treatment>		Support x 4 (Alloy hot-dip zinc-coated carbon steel sheet / Acrylic resin coating)
		Screw (M5x10) x 4 (Iron/Zinc nickel alloy plated)
		Screw (M4x10) x 8 (Iron/Zinc nickel alloy plated)

Outline and Dimensions

Unit : mm



How to Use / How to Install

Mitsubishi Package Air-Conditioner Optional Component Instructions on Installing Air Discharge Guide

〈Outdoor unit〉
PAC-SG58SG-E
PAC-SG59SG-E

SAFETY PRECAUTIONS

- Read this "Safety Precautions" thoroughly and install the air discharge guide securely.
- Be sure to observe the precautions given here: They are critical for safety.
- Precautions are classified using the following symbols depending on extent and type of danger by erroneous handling:

 WARNING	Erroneous handling can cause death or serious injury.
 CAUTION	Erroneous handling can cause personal injury or damage.

- After installation, make a trial run to ensure that no fault occurs, and ask the customer to keep this installation sheet with instruction manual. Also ask the customer to pass them to new user if user changes.

WARNING

Ask the dealer or specialist to install the air discharge guide.

- If you install the air discharge guide incorrectly by yourself, some components could cause water leak, electric shock, fire, etc.

Securely install the air discharge guide, referring to this installation sheet.

- Incomplete installation could cause water leak, electric shock, fire, etc., with some components.

Before performing installation (moving) and electrical construction:

CAUTION

Do not place polyethylene bags in reach of children.

- Putting over the head will block breathing passages, which could result in suffocation.

If refrigerant piping is necessary, securely execute insulation so that condensation does not occur.

- Incomplete insulation will cause condensation on surface of pipe, etc. and moisture will drip, which could wet ceiling, floor or other areas.

If wiring for power supply is necessary, use only specified wires that comply with current capacity.

- Using other wires could cause leak, heat generation, fire, etc.

If drain piping is necessary, lay piping for secure drain, referring to instruction manual, and maintain the temperature to prevent condensation.

- Incomplete piping will cause water leak, which could wet ceiling, floor or household goods.

When the outdoor unit is installed in front of a store or in a passage, this air discharge guide is used to change the discharge direction of hot air (during cooling) or cold air (during heating) from the outdoor unit. Upward, downward and sideways directions are possible. This guide is also effective to protect the unit installed in a place where high winds may blow against the discharge outlet.

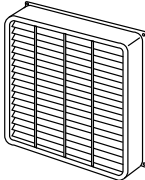
Note the following when installing this guide:

- 1) Be sure not to use "upward discharge" in a place where snow is forecast. If you do so, snow will 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 obstacles at the back and both sides of outdoor unit (air is taken in from top of unit): This could cause a short cycle.

Note that two sets of this product are necessary for PUY/Z-A42

1 Checking provided parts

Make sure that this package has the following parts as well as the installation sheet:

① Air Discharge guide × 1	② Support × 2 (For the upper and lower sides)	③ Support × 2 (For right and left)	④ Attachment screw × 4	⑥ Spacer × 4
	※PAC-SG58SG-E (Screw hole × 6) 	PAC-SG58SG-E (Screw hole × 2) 	PAC-SG58SG-E (5 × 10) PAC-SG59SG-E (5 × 35) 	※PAC-SG59SG-E 
			⑤ Attachment screw × 8 PAC-SG58SG-E (4 × 10) 	

2 Checking Installation Space

(In the following diagrams, dimensions in parentheses are for RP4 and higher number models. Dimensions not in parentheses are common for all series models. Unit: mm)

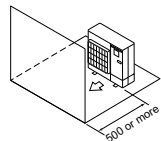
● Secure the necessary surrounding space shown below and select a place with less obstacles, to prevent a short cycle.

1) Surrounding space needed when installing one unit

• Do not use "upward discharge" in cases of figures (3) and (5) below.

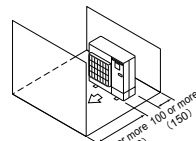
(1) Obstacle at front

(open at back, sides and top)



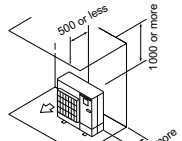
(2) Obstacles at back and front

(open at sides and top)



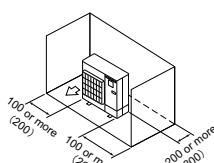
(3) Obstacles at back and top

(open at front and sides)



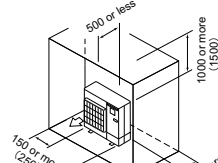
(4) Obstacles at back, and sides

(open at front and top)



(5) Obstacles at back, sides and top

(open at front)



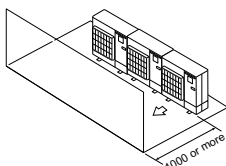
2) Surrounding space needed when installing multiple units

• When installing units horizontally in a series, leave at least 350 mm space between units for 56-type or lower models, and at least 10 mm for 63-type or higher models.

• Do not use "upward discharge" in case of figure (3) below.

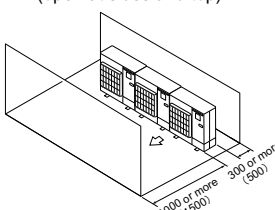
(1) Obstacle at front

(open at back, sides and top)



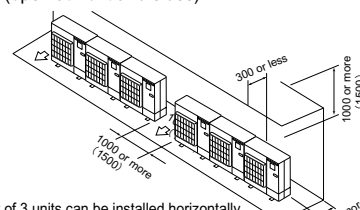
(2) Obstacles at back and front

(open at sides and top)

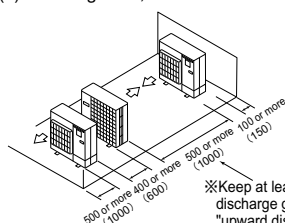


(3) Obstacles at back and top

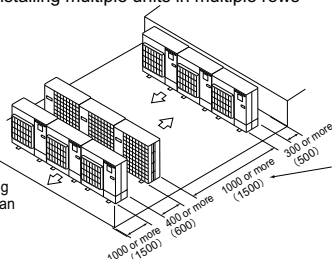
(open at front and sides)



(4) Installing units, one in each row



(5) Installing multiple units in multiple rows

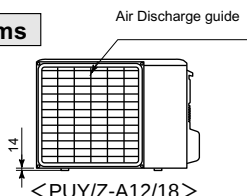


※Limit of 3 units can be installed horizontally in series. When installing a larger number of units, maintain the space between units shown above.

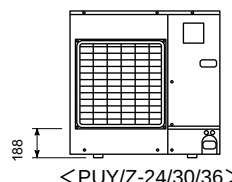
※Keep at least 1000 (2000) when using discharge guide in directions other than "upward discharge".

※Keep at least 2000 (3000) when using discharge guide in directions other than "upward discharge".

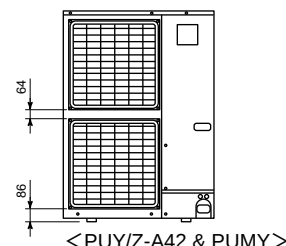
3 Installation Complete Diagrams



<PUY/Z-A12/18>



<PUY/Z-24/30/36>



<PUY/Z-A42 & PUMY>

4 Installation Method

For PUY/Z-A12/18:

1) Fix the two supports (2) and two supports (3), using four screws (5) to make a frame.

2) Attach the assembled supports to the outdoor unit using four screws (5), and then attach blowout guide (1) to the support (2), using four screws (4).

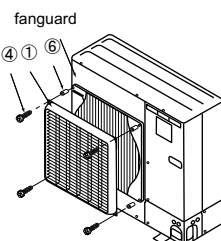
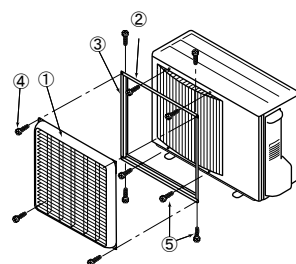
• Four blowout directions can be selected: Check the orientation of blowout vane, and attach the blowout guide in the direction that matches the situation at local site.

For PUY/Z-A24/30/36: (Two sets of support and blowout guide are necessary for two-fan type models.)

1) Remove the 4 screws that hold the existing fan guard.

2) Fit the 4 spacers * into the fan guard, and then use the 4 screws * to install the provided blowout guide * to the outdoor unit above the existing fan guard.

• The four blowout directions can be selected: Check the orientation of blowout vane, and install the blowout guide in the direction that matches the circumstance at local site. (Two sets of fan guide are necessary for RP4 and higher models.)



<Setting blow-off direction>

Upward	Downward	Sideways (to left or right)
Discharge vane		
Air Discharge guide		