

Installation Manual for Protection Net (for Rear Side Installation of Outdoor Unit)

**Model: PN-TP10BA
PN-TP10BB**

This protection net is to protect the outdoor unit heat exchanger from external damages such as being hit by a ball. Install it as instructed in this manual.

IMPORTANT NOTICE:

- Read and understand this manual before using this protection net.
- Perform the test run after installation to check for abnormalities.
- Forward this information to the building owner and request that they maintain all the equipment manuals.
- Signal words are used to identify levels of hazard seriousness.
Definitions for identifying hazard levels are provided below with their respective signal words.

▲CAUTION	: Indicates a hazardous situation that, if not avoided, could result in minor or moderate injury.
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1. Applicable Unit

Name	Protection Net (for Rear Side Installation)	
Model	PN-TP10BA	PN-TP10BB
Required Qty.	1	1
Applicable Outdoor Unit	Top Flow Type 72,000 Btu/h	Top Flow Type 96,000 and 120,000 Btu/h

NOTE:

The applicable outdoor unit may be different depending on the product series. Be sure to confirm with the product catalog before installation.

2. Installation Work

- (1) Be sure to securely tighten the protection net with the supplied screws (accessories).
If the screws are not securely tightened, it may cause vibration or abnormal sound.
If they are over-tightened, the screw thread will be broken. When tightening the screws, make sure to follow the tightening torque below.
 - Tightening Torque (M5 Screw): 1.8±0.7 ft•lbs (2.5±1.0 N•m)
- (2) Apply touch-up coating at the screw holes of the outdoor unit in order to prevent rusting (field-supplied).
- (3) Secure enough service space with consideration for attaching/detaching the protection net.
 - Service Space with Protection Net: Service Space for Outdoor Unit + Min. 5-7/8 inch (150mm)
- (4) Do not step on the protection net or the outdoor unit to prevent falls resulting in injury.
- (5) Fallen leaves or some other objects may be caught by the protection net and piled up. Be sure to check for accumulation and clean the protection net periodically.
- (6) The protection net may freeze because of cold weather.
- (7) It is not possible to use the snow protection hood for the rear side inlet and air outlet at the same time.

3. Before Installation

Check that all the following accessories are packed with the unit before installation.

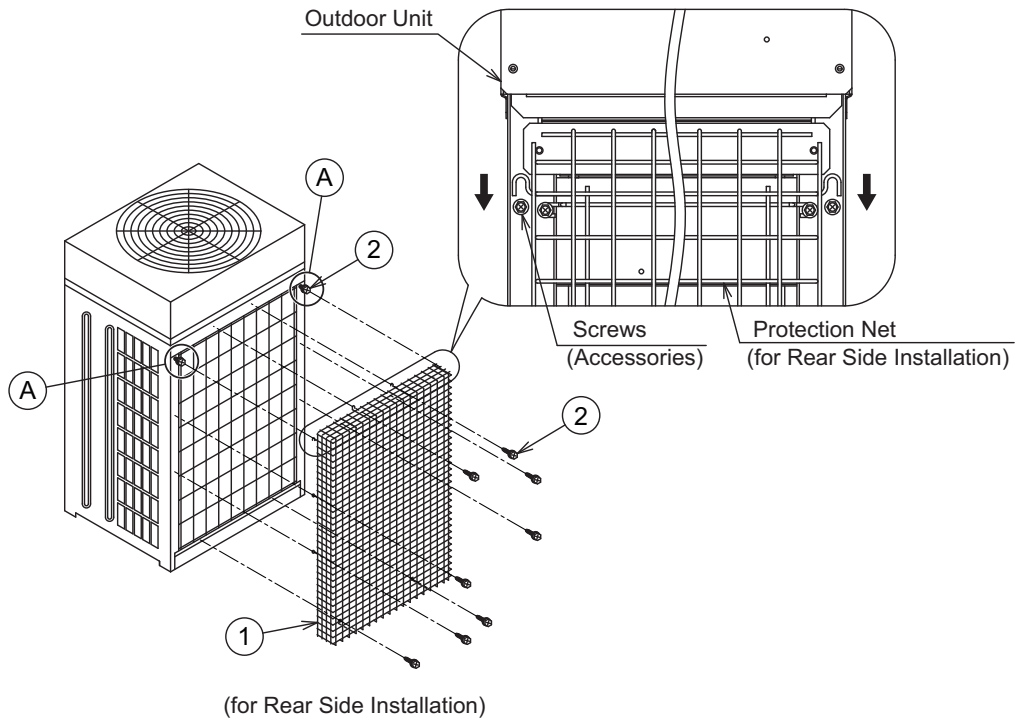
Unit: inch (mm)

No.	Accessory	Qty.		Remarks
		PN-TP10BA	PN-TP10BB	
①	Protection Net (for Rear Side Installation)	1	1	
②	Screw M5 x 15/32L (12L) (with Washer)	11 (1)	11 (1)	(1): Spare

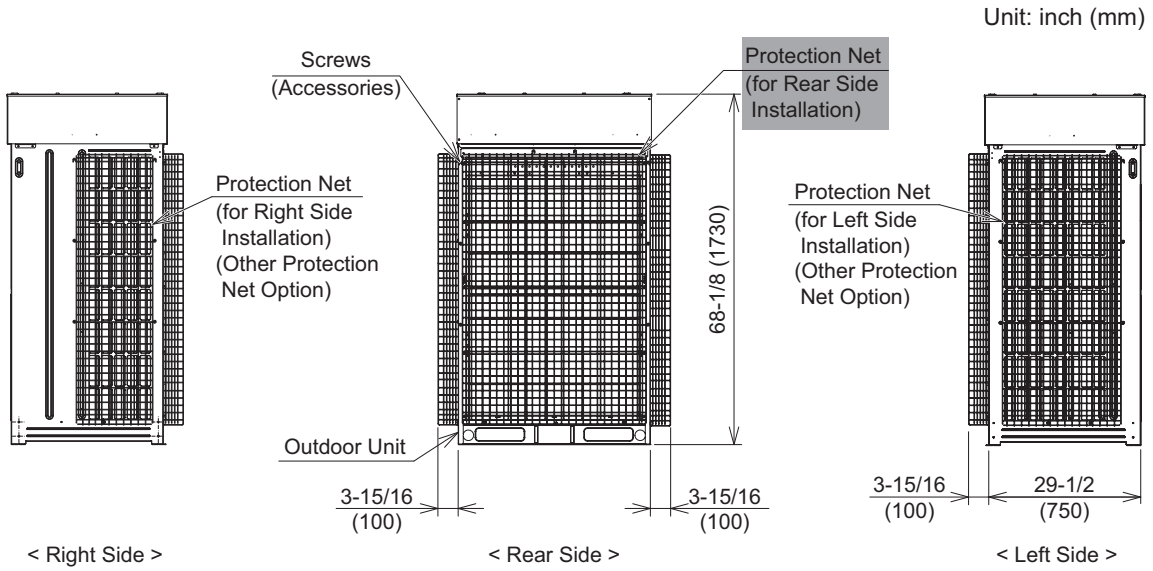
4. Installation Procedures

Before installation, confirm the outdoor unit model. If the protection net is available to install, follow the installation procedures.

- (1) Tighten loosely two screws ② at the top of the outdoor unit rear side (A), and set the protection net (for rear side installation) ① over the top. Securely tighten the other eight screws ② except for the top (A) two screws, and finally, tighten the top (A) two screws securely.



5. Installation Appearance



Available Combinations

Applicable Outdoor Unit	Model	
	Top Flow Type 72,000 Btu/h	Top Flow Type 96,000 and 120,000 Btu/h
Protection Net for Rear Side	PN-TP10BA	PN-TP10BB
Protection Net for Left Side	PN-TP10L	
Protection Net for Right Side	PN-TP10R	

NOTES:

- This installation manual applies only to the combination indicated with . For other protection net options, refer to each installation manual.
- Install the required protection net depending on the installation condition.