

Installation Manual for Protection Screen (for Upper Hood with Damper of Low Ambient Kit)

**Model: LAK-NET-S-01
LAK-NET-M-01
LAK-NET-L-01**

This protection screen is to prevent serious injury from accidental contact with the damper. Install it as instructed in this manual.

IMPORTANT NOTICE:

- Read and understand this manual before using this protection screen.
- 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.

⚠ WARNING

: Indicates a hazardous situation that, if not avoided, could result in death or serious injury.

⚠ CAUTION

: Indicates a hazardous situation that, if not avoided, could result in minor or moderate injury.

⚠ WARNING

Ensure the protection screen is installed properly. Otherwise, injury might occur.

⚠ CAUTION

Tighten the screws with the proper torque to keep the protection screen from coming off.
Refer to Installation Work (1) for the proper torque.
Install the protection screen securely.

1. Applicable Unit

NOTICE:

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

Name	Protection Screen (for Upper Hood with Damper)		
Model	LAK-NET-S-01	LAK-NET-M-01	LAK-NET-L-01
Required Qty.	1	1	1
Applicable Outdoor Unit (Representative Model)	(H,Y)VAH(P,R)072B32S (H,Y)VAH(P,R)072B42S (H,Y)VAH(P,R)072B52S	(H,Y)VAH(P,R)096 - 144B32S (H,Y)VAH(P,R)096 - 144B42S (H,Y)VAH(P,R)096 - 144B52S	(H,Y)VAH(P,R)168, 192B32S (H,Y)VAH(P,R)168, 192B42S (H,Y)VAH(P,R)168, 192B52S
Applicable Low Ambient Kit	LAK-DAMPER-S-01	LAK-DAMPER-M-01	LAK-DAMPER-L-01

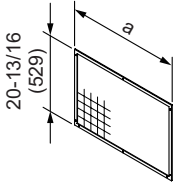
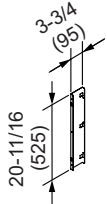
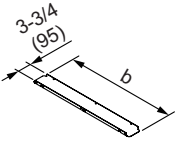



2. Installation Work

- (1) Be sure to securely tighten the protection screen with the supplied screws.
If the screws are not securely tightened, it may cause vibration or abnormal sound.
If they are over-tightened, the screw threads may be stripped. When tightening the screws, make sure to follow the tightening torque below.
 - Tightening Torque: 0.9±0.1 ft·lbs (1.2±0.1 N·m)
- (2) Do not step on the protection screen or the outdoor unit to prevent falls and injury.
- (3) Fallen leaves or other debris may be caught by the protection screen and cause airflow restrictions. Be sure to check for accumulation and clean the protection screen periodically.
- (4) The protection screen may accumulate ice or snow during cold weather.

3. Before Installation

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

Unit: inch (mm)

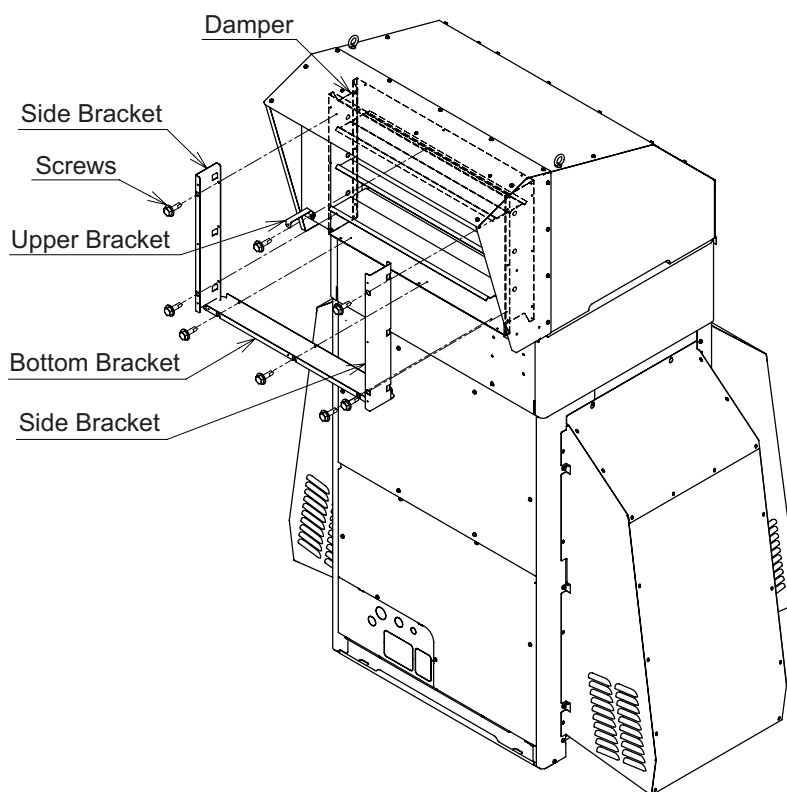
No.	Accessory			Qty.			Remarks
				LAK-NET-S-01	LAK-NET-M-01	LAK-NET-L-01	
1	Protection Screen		30-13/16 (783)	1	-	-	
			41-1/16 (1043)	-	1	-	
			56-1/2 (1435)	-	-	2	
2	Side Bracket			2	2	2	
3	Bottom Bracket		30-9/16 (777)	1	-	-	
			40-13/16 (1037)	-	1	-	
			56-1/4 (1429)	-	-	1	
4	Upper Bracket			1	1	2	
5	Corner Bracket			2	2	2	
6	Self-Drilling Screw (for Installation)		#8-18 x 3/4" (Hex Washer Head)	17 (1)	18 (1)	21 (1)	Use for installation. (1): Spare

4. Installation Procedures

Before installation, confirm the outdoor unit model. If the protection screen is available for your model, follow the installation procedures.

LAK-NET-S-01, LAK-NET-M-01

- (1) Tighten the upper bracket to the top on the damper frame by using the self-drilling screws. Screws for securing Upper Bracket
 - * LAK-NET-S-01: 1 place
 - * LAK-NET-M-01: 1 place
- (2) Tighten the bottom bracket to the bottom of the damper frame by using the self-drilling screws. Screws for securing Bottom Bracket
 - * LAK-NET-S-01: 3 places
 - * LAK-NET-M-01: 4 places
- (3) Tighten the side brackets to the left and right on the damper frame by using the self-drilling screws. Screws for securing Side Bracket
 - * LAK-NET-S-01: 4 places
 - * LAK-NET-M-01: 4 places

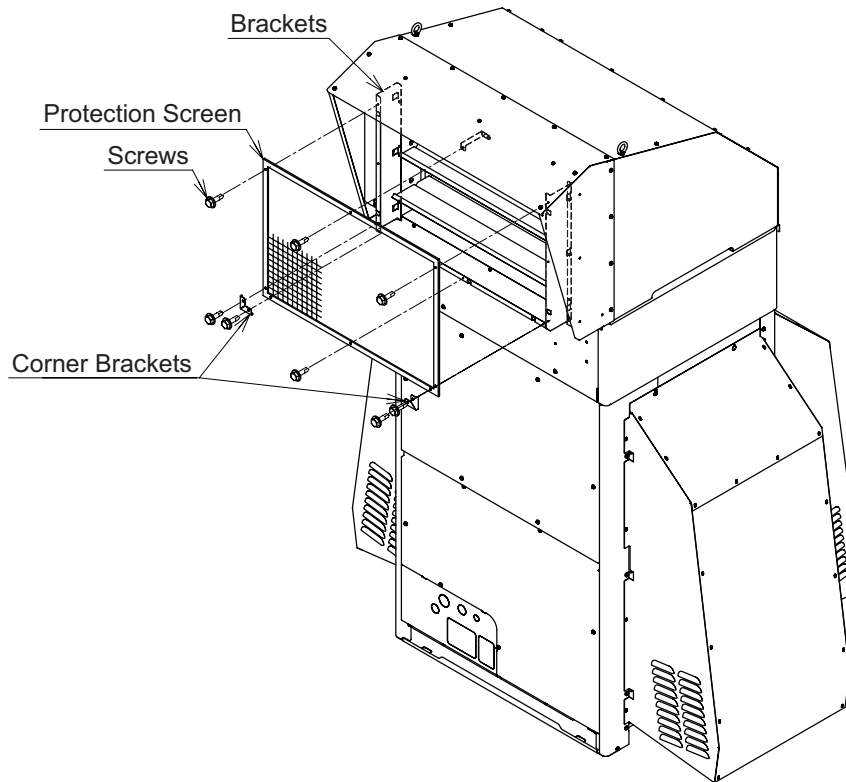


- (4) Tighten the protection screen to the brackets by using the self-drilling screws and corner brackets (bottom corners).

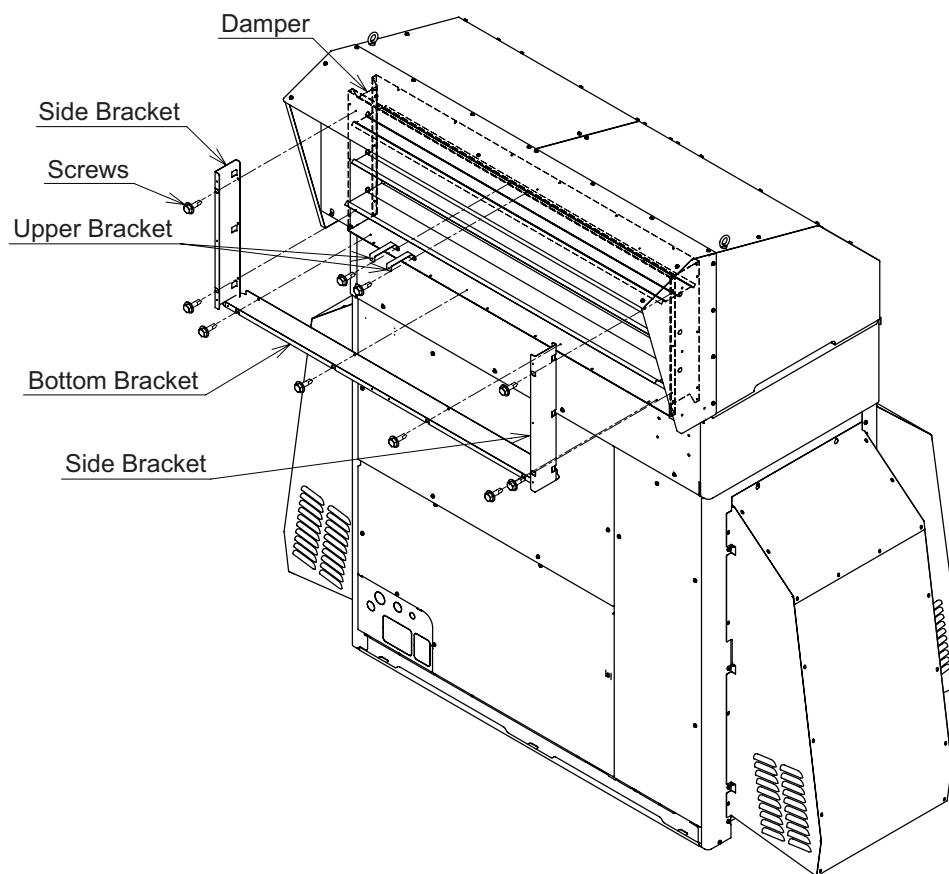
Screws for securing Protection Screen

* LAK-NET-S-01: 8 places

* LAK-NET-M-01: 8 places

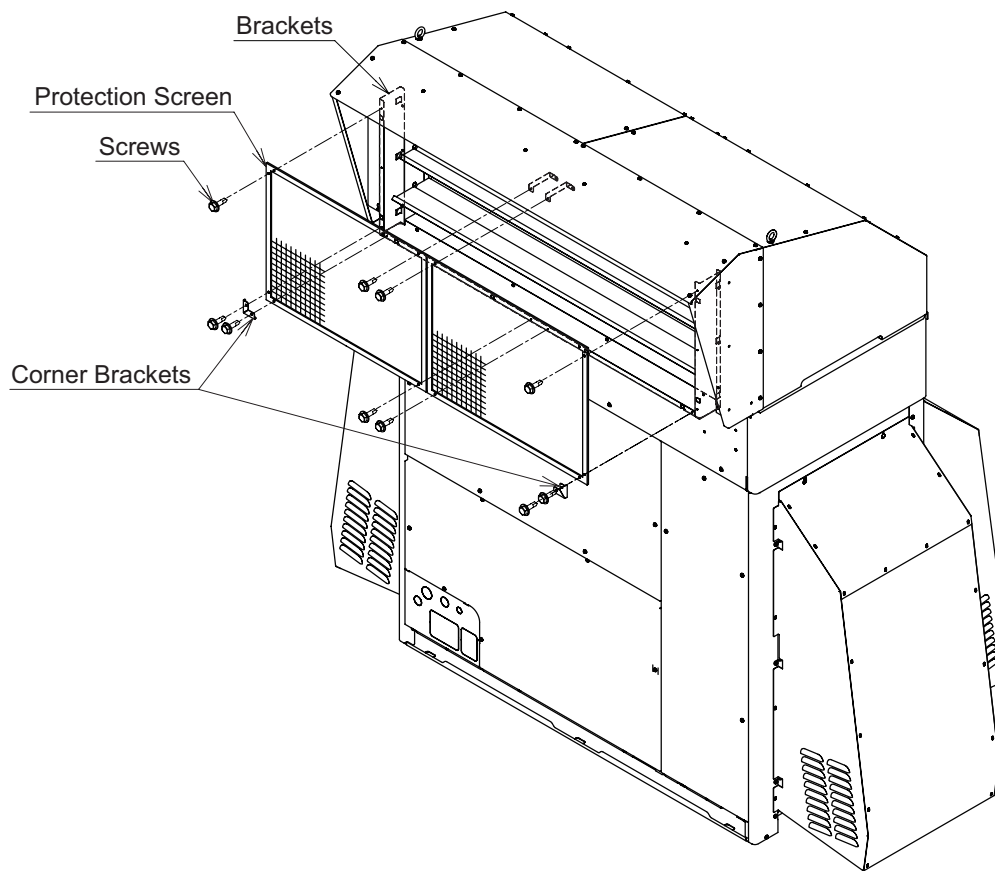


- (1) Tighten the upper bracket to the top on the damper frame by using the self-drilling screws. Screws for securing Upper Bracket: 2 places
- (2) Tighten the bottom bracket to the bottom of the damper frame by using the self-drilling screws. Screws for securing Bottom Bracket: 4 places
- (3) Tighten the side brackets to the left and right of the damper frame by using the self-drilling screws. Screws for securing Side Bracket: 4 places



- (4) Tighten the protection screen to the brackets by using the self-drilling screws and corner brackets (bottom corners).

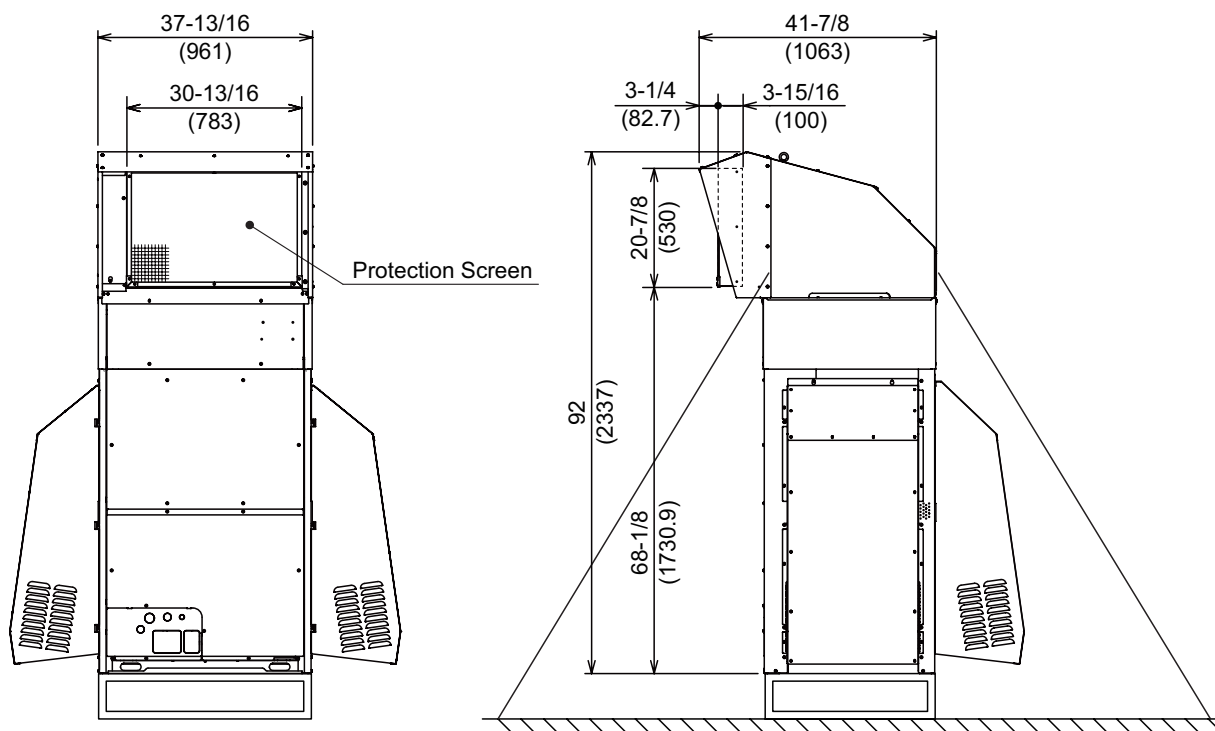
Screws for securing Protection Screen: 10 places



5. Installation Appearance

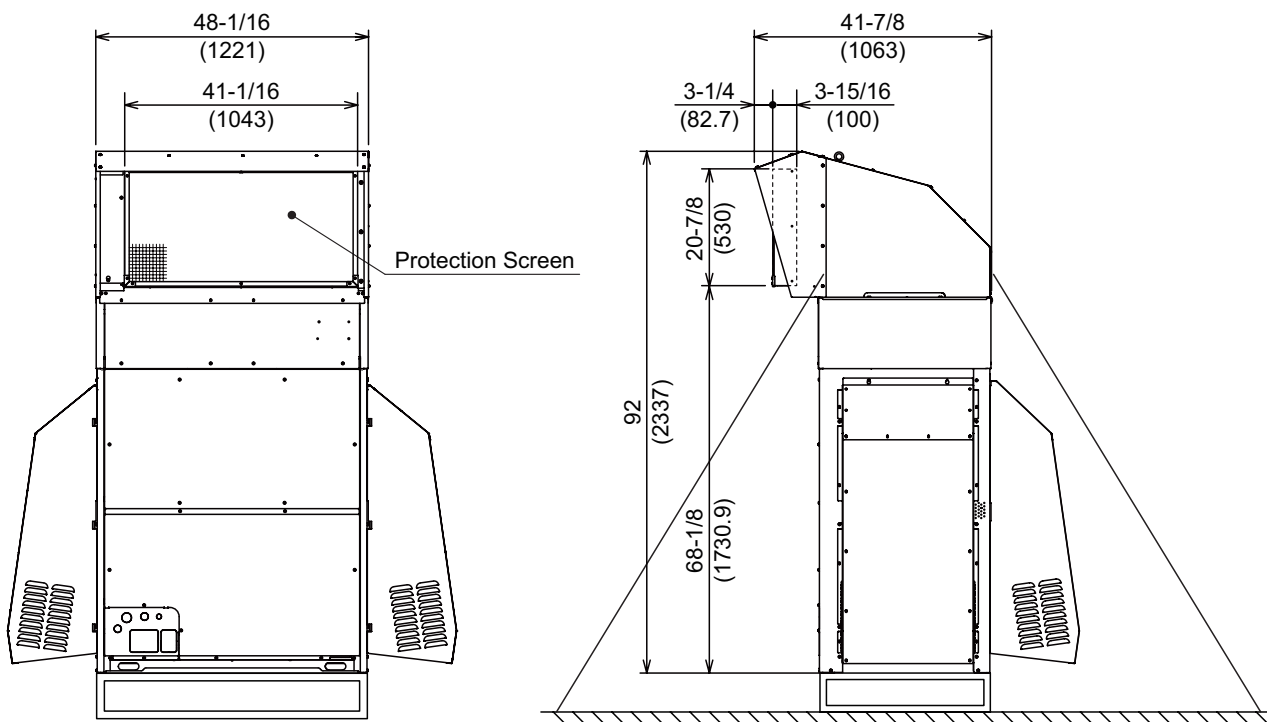
LAK-NET-S-01

Unit: inch (mm)



LAK-NET-M-01

Unit: inch (mm)



LAK-NET-L-01

Unit: inch (mm)

