4-Way (2x2) Cassette Panel
User & Installation manual

V1V22D01CPWW

- Thank you for purchasing this Lennox Product.
- Before operating this unit, please read this manual carefully and retain it for future reference.

LENNOX Powered by SAMSUNG

4-Way(2X2) Cassette Panel

California Proposition 65 Warning (US)

⚠ WARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov.

This device complies with Industry Canada license exempt RSS standard(s). Operation is subject to the following two conditions: (1) this device may not cause harmful interference and (2) this device must accept any interference received, including interference that may cause undesired operation. This Class B digital apparatus complies with Canadian ICES-003.

This equipment complies with FCC and IC RSS-102 radiation exposure limits for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 23.62 inches (600mm) between the radiator & your body. Any changes or modifications not expressly approved by the manufacturer could void the manufacturer's warranty.

This device and its antenna(s) must not be co-located or operated with any other antenna or transmitter.

If the WindFree function is not visible on the upper-level controller after connecting the WindFree panel:

- Check if the software of the upper-level controller is the latest version.
- If the software is not the latest version, update to the latest version.
- If the software of the upper-level controller is the latest version but the WindFree function is not visible perform tracking again on the upper-level controller or reset its power.

※ Upper-level controller: DMS, Centralized Touch Controller, or another device

Accessories

Item	M5 X L35 bolt (4)	User & Installation manual (1)
Shape		

Item	Screw	Tightening torque (lbf·ft(N·m))
Shape	M5 L 1.377 inch (35 mm)	1.48 to 2.21 lbf·ft (2.0 to 3.0 N·m)

(※ 1N·m = 10 kgf·cm)

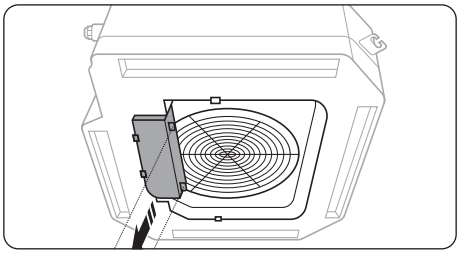
⚠ CAUTION

- After installing the product, explain to the user how to use the product.

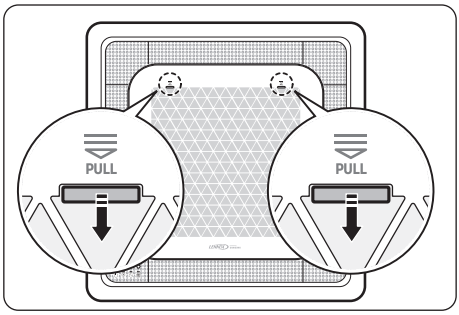
How to install the panel

- Handle the panel carefully.
- Do not lean the panel against a wall or place it on a protruding object.
  Failing to do so may damage the surface of the panel.
- Be careful when installing the air inlet panel by hand. You may get hurt.

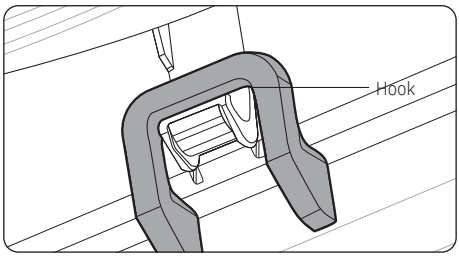
1 Open the control box cover.
   - With the screw unfastened, push the control box cover in the arrow direction and then pull it down.
   - After removing the control box cover, you can start installation.



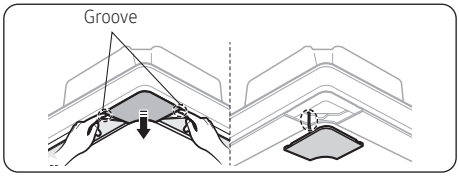
2 Push the switch-type handle inwards and pull out the grille.



3 Install the panel with two hooks on both sides of the indoor unit.



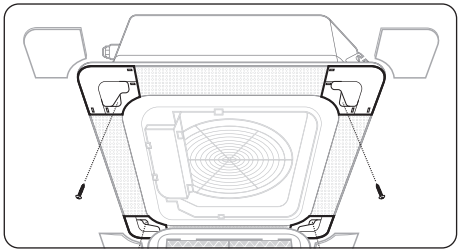
4 Separate the four panel edges.
When separating the edges, put your index fingers into two grooves in each corner.



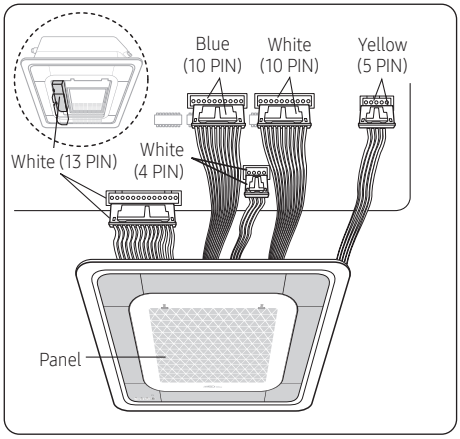
⚠ CAUTION

- Carefully handle the edges with digital indicators because the electrical wiring is attached.
- When reassembling the panel edges, be sure to check that the safety strap is fixed.

5 Secure bolts to the panel.
- Temporarily secure the four bolts to the panel.
- Fasten the bolts tightly so there is no gap between the panel and the ceiling.



6 Connect 5 cables between the indoor unit and the panel.
- Make sure you check the number of pins on the three white terminals before connecting the cables.



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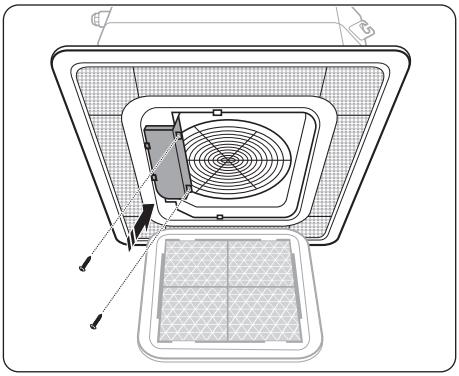
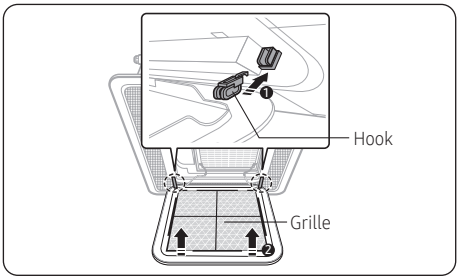
7 Close the electrical component box cover and tighten the screws.



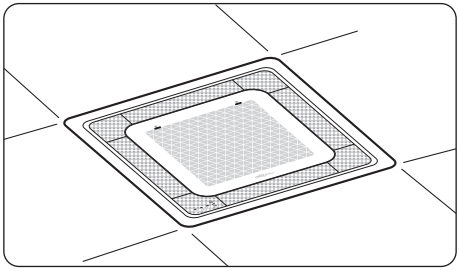
8 Attach and close the front grille.

- Ensure the hooks on the rear side of the grille fit properly into the grooves on panel (❶) and then push the panel to close (❷).



9 Check out that the panel is fixed to the indoor unit.

- Fix screws tightly between the panel and the surface of the ceiling. If the panel is installed incorrectly, air may leak.
- Do not block any discharge vents in the panel.



NOTE

- If the user has changed the angle on the air flow blades due to opening the front grille for installation or maintenance, you must turn off the circuit breaker and turn it on again before using the product.
  Otherwise, the angles of each blade can be different or some of the blades may not close when the product is off.

SmartThings app

To use the SmartThings app, connect the product to the network in the sequence described below.
The images shown may differ depending on your smartphone model, OS version and manufacturer.
You need to set up the Wi-Fi access point only when connecting the product to a Wi-Fi network. Once the product is connected, you can use the SmartThings app via Wi-Fi, 3G, LTE, 5G or more wireless networks.

1 Checking the power connections

Check if the power is connected to the product and the access point.

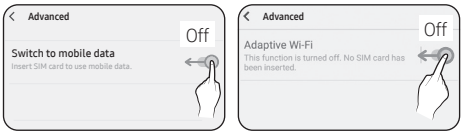
2 Setting up and connecting to a Wi-Fi access point using your smartphone

1 To connect the product to a Wi-Fi network, turn on Wi-Fi at "Settings > Wi-Fi", and then select the access point to connect to

- Only alphanumeric characters are supported for wireless access point names (SSIDs). If an SSID has a special character, rename it before connecting to it.
- This product supports only Wi-Fi 2.4 GHz.

2 Turning off "Switch to mobile data" at "Settings > Wi-Fi" on your Smartphone

- If "Switch to mobile data" or "Adaptive Wi-Fi" is turned on, you cannot connect to the network. Be sure to turn off these functions before connecting to the network.



NOTE

- The setup may differ depending on your smartphone model, OS version and manufacturer.

3 Checking the Internet connectivity

- After connecting to Wi-Fi, check that your smartphone is connected to the Internet.

NOTE

- A firewall may prevent your smartphone from connecting to the Internet. Contact your Internet service provider for troubleshooting.

SmartThings app

3 Downloading the SmartThings app and registering your Samsung account

1 Downloading the SmartThings app

- Search for "SmartThings" on Play Store or App Store, and download the SmartThings app to your smartphone.
- If the SmartThings app is already installed on your smartphone, update it to the latest version.

NOTE

- The SmartThings app supports Android OS 7.0 or later (with at least 2 GB RAM) and iOS 12.0 or later. The app is optimized for iPhone 6s or later and Samsung smartphones (Galaxy S and Note series).
  The updates of the SmartThings app or the functions supported by it may be discontinued for the previously supported OS versions due to reasons such as usability and security.
- The SmartThings app may change without prior notice to improve product usability and performance.

2 Registering your Samsung account

- A Samsung account is required to use the SmartThings app. To create your Samsung account and log in to your account, follow the instructions displayed on the SmartThings app. You do not need to install an additional app.

NOTE

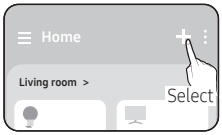
- If you already have a Samsung account, log in to the account. If you have a smartphone that is a Samsung device and you have a Samsung account, your smartphone is automatically logged in to your account.
- If you log in from a smartphone produced for another country, you need to log in with its country code when you create your Samsung account, and the SmartThings app may not be used on some smartphones.

4 Connecting the SmartThings app to your product

1 Selecting the product to connect to

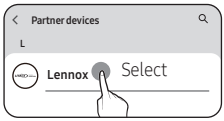
1) Start the SmartThings app about one minute after turning on the product to connect to.
2) After the SmartThings app is started, select 'ADD NOW' when a pop-up window saying that a product to connect to is found appears.

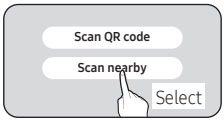
3) If the pop-up window does not appear, select "+", and then "Add Device".



You can add a product you want to connect to by selecting it manually or by selecting "Scan nearby".

- Select manually: Partner devices > Lennox
- Scan: Scan nearby > Cassette air conditioner





2 Connecting the SmartThings app to your product

- Follow the instructions displayed on the SmartThings app to connect to your product.
- For information on how to use the SmartThings app, select the How To menu on the app.

NOTE

- If any pop-up window appears on the top of the smartphone while connecting to your product, do not select it.
- If a pop-up window saying that the device is already registered appears during connecting to your product, get permission using "REQUEST PERMISSION" from a user already connected to the product, or create a new account using "REGISTER MY ACCOUNT" to independently connect to the product.
- If a Samsung account-related country error occurs while connecting to your product, log out of your current Samsung account, log in to your previous Samsung account, and then delete all devices that have been connected previously. Then, log in to your current Samsung account again, and configure the settings.
- If a failure message appears while adding a device, see "Setting up and connecting to a Wi-Fi access point using your smartphone" on page 5.
  The connection may fail temporarily due to an installation location problem of the access point or other problems.
- If a message appears on the SmartThings app, follow its instructions.

NOTE

- For the security protocols for wireless/wired access points, WPA-PSK and WPA2-PSK are recommended. For the authentication methods, AES is recommended. New Wi-Fi authentication specifications and Wi-Fi non-standard authentication methods are not supported.
- The product supports the IEEE802.11 b/g/n (2.4 GHz) communication protocol. (Samsung recommends IEEE802.11n.)
- If your Internet service provider has permanently registered the MAC address (a unique identification number) of your PC or modem, you may not be able to connect your product to the Internet. Contact your Internet service provider and ask how to connect devices other than your PC (such as a mini split, VRF (variable refrigerant flow) and an air purifier) to the Internet.

Open Source Announcement

The software included in this product contains open source software.

The following URL http://opensource.samsung.com/opensource/SMART_TP1_0/seq/0 leads to open source license information as related to this product.

Troubleshooting

Symptom		Measure
The installed SmartThings app cannot access the air conditioner.		• Make sure you have connected the air conditioner to a wireless router.
I cannot log in with my Samsung account.		• Try recovering your ID and password from the Samsung account page.
Adding device(s)	A failure message appears while adding devices.	• This may fail temporarily due to the distance from the router or some interferences. Try again later.
	While adding the device, the progress stops at 0%-1% and a message appears saying that adding the device has failed.	• You cannot add any device without deleting it once the device has already been added to the SmartThings app. To add the connected device again, first remove it and then proceed with the process.
	While adding the device, the progress is stuck at 99% and a message appears saying that adding the device has failed.	• If you are using a Samsung smartphone, the server may not be connected temporarily. Restart the SmartThings app and then try adding the device again. • If your phone is not a Samsung product, check that you have entered a wrong Wi-Fi password. Try adding devices again.
	The app displays an authorization failure before pressing the user agreement button.	• Check if a Single Wi-Fi Kit is already connected from the SmartThings app. When there are devices added, first remove them, and try again.
	The app displays an authorization failure on the user agreement screen.	• Make sure to press the [Power] button within 2 minutes after the screen appears. Try adding devices again.
	The screen requests to initialize the user account.	• This happens when the user has already added devices. Follow the instructions provided in the SmartThings app.
After adding a device, the SmartThings app displays the disconnection event.		• This happens when a device is being added to the server or it is temporarily disconnected from the router. End the SmartThings app and then launch it again.

Regulatory Notice

FCC Notice

⚠ FCC CAUTION:

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This appliance contains the transmitter module.

This device complies with Part 15 of FCC Rules. Operation is Subject to the following two conditions:

(1) This device may not cause harmful interference, and

(2) This device must accept any interference received including interference that cause undesired operation.

For products available in the US and Canadian markets, only channels 1~11 are available.

You cannot select other channels.

FCC STATEMENT:

This equipment has been tested and found to comply within the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna
- Increase the separation between the equipment and receiver
- Connect the equipment to an outlet that is on a different circuit than the receiver.
- Consult the dealer or an experienced radio/TV technician for help.

FCC RADIATION EXPOSURE STATEMENT:

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment.

This equipment should be installed and operated so there is at least 8 inches (20 cm) between the radiator and your body. This device and it's antennas must not be co-located or operated in conjunction with any other antenna or transmitter except in accordance with FCC multi-transmitter product procedures.

Regulatory Notice

IC Notice

This appliance contains the transmitter module.

The term "IC" before the radio certification number only signifies that Industry Canada technical specifications were met. Operation is subject to the following two conditions :

(1) this device may not cause interference, and

(2) this device must accept any interference, including interference that may cause undesired operation of the device.

This Class B digital apparatus complies with Canadian ICES-003.

For products available in the US and Canadian markets, only channels 1~11 are available.

You cannot select other channels.

IC RADIATION EXPOSURE STATEMENT:

This equipment complies with IC RSS-102 radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated so there is at least 8 inches (20 cm) between the radiator and your body. This device and it's antennas must not be co-located or operated in conjunction with any other antenna or transmitter except in accordance with FCC multi-transmitter product procedures.

SAVE THESE INSTRUCTIONS

Memo