

Air conditioner

User & Installation manual

360 Cassette Panel

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

Installing the 360 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.

360 cassette panels

Type A: Square panel	Type B: Circular panel
	

Accessories

Item	M4 screw (4)	User & Installation manual (1)
Shape		

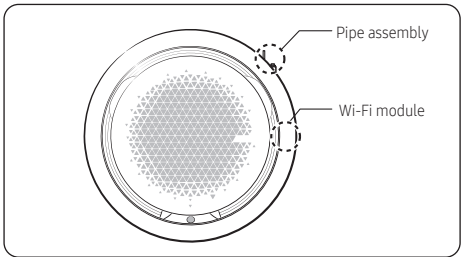
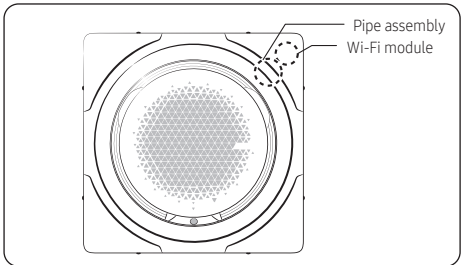
Item	Screw	Tightening torque
Shape	M4 L 0.98 inch (25 mm)	0.9~1.3 lbf-ft (1.2~1.8 N-m)

⚠ CAUTION

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

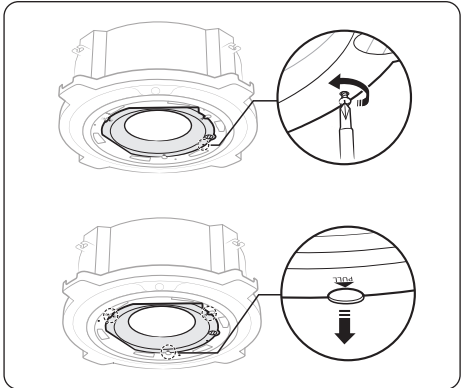
Selecting a location of the panel for Wi-Fi connection

Attach the panel so that the Wi-Fi module is placed next to the area to which the piping is attached.

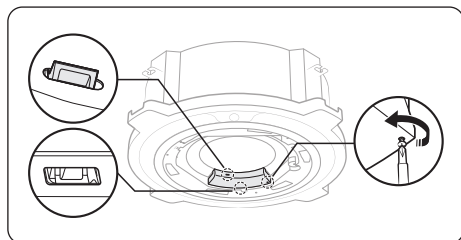


Removing the protective cover

- 1 Remove the protective cover.

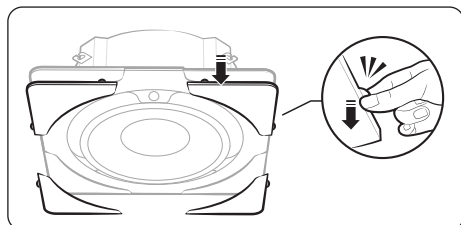


- 2 Remove the electrical system unit cover.



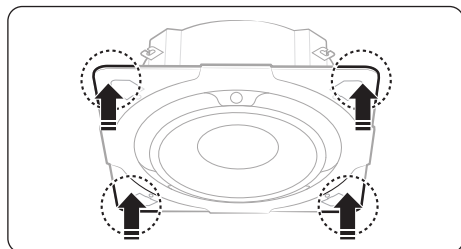
Installing the square panel on the indoor unit

- 1 Remove the four cover panels from the panel front.



NOTE

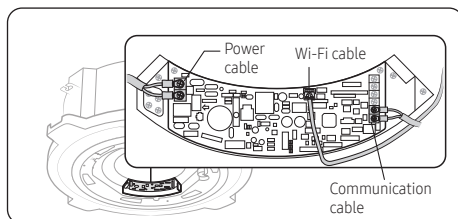
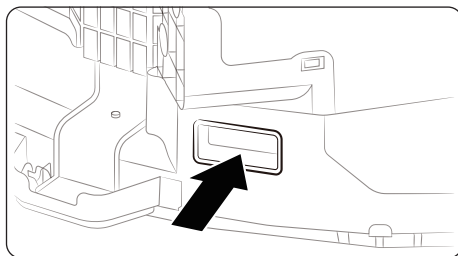
- To remove the cover panels, use the two tongues at the ends of each cover panel.
- 2 Push the four corners of the panel front toward the indoor unit body one at a time until you hear a "click" so that they are assembled in place.



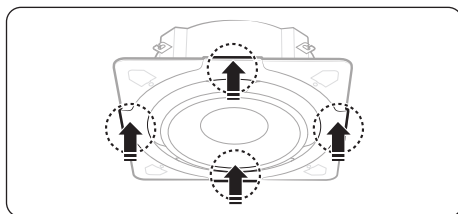
NOTE

- After assembling the panel front in place, you can slightly adjust its position left and right. If required, adjust the position of the panel front so that it aligns with the ceiling opening.

- 3 Connect the Wi-Fi wire to the PBA port inside the indoor unit, through the power and communication cable outlet.

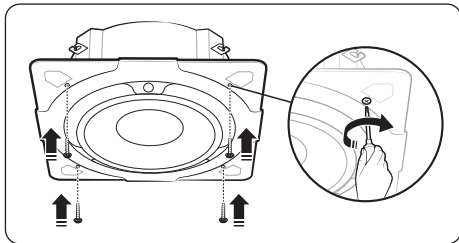


- 4 Push the centers of the four sides of the panel front toward the indoor unit body one at a time until you hear a "click" so that they are hooked in place.

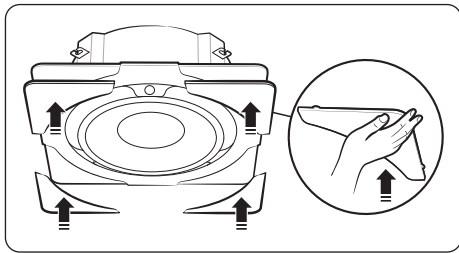


Installing the 360 Cassette Panel

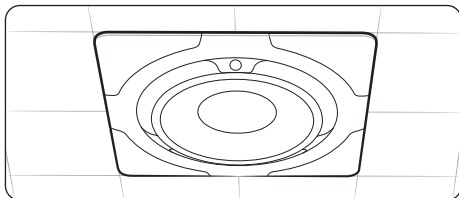
- 5 Insert halfway the four screws into the four holes on the panel front. Then fasten the screws tightly until there is no gap between the ceiling and the panel front.



- 6 Place each cover panel on a corner of the panel front. Then push the cover panel upward until it is firmly assembled to the panel front.



- 7 Check whether the panel front is firmly fixed to the indoor unit body.



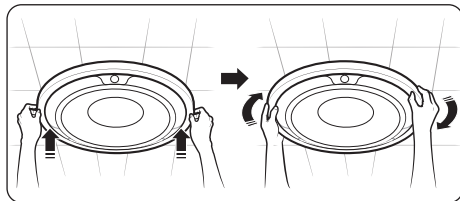
NOTE

- Make sure that the screws are fastened tightly until there is no gap between the ceiling and the panel.
- If the panel is installed incorrectly, air may leak out.

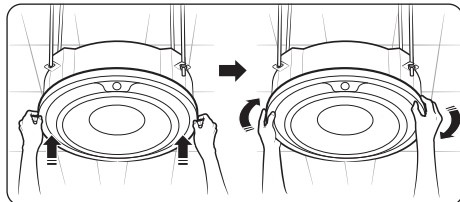
Installing the circular panel on the indoor unit

- 1 Insert the decoration panel into the indoor unit body. Then rotate the decoration panel clockwise until it is assembled firmly.

- Ceiling type

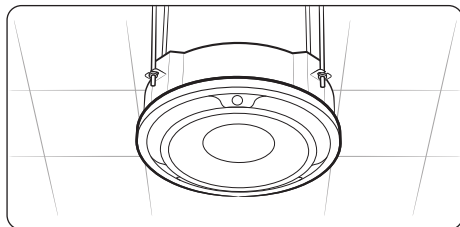


- Open type



NOTE

- Make sure that the panel is assembled firmly: rotate the decoration panel until you feel that it is clamped by the internal structure.
- 2 Check whether the decoration panel is firmly fixed to the indoor unit body.

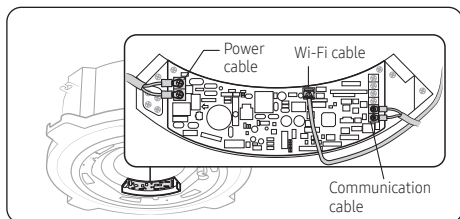
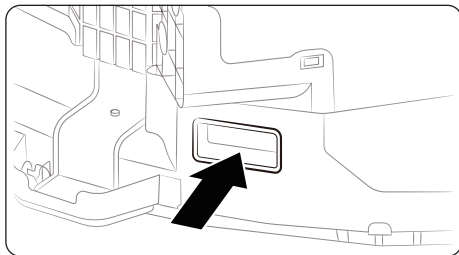


NOTE

- If the panel is installed incorrectly, air may leak out.

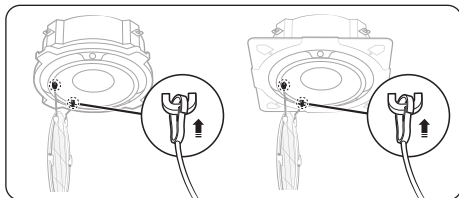
CAUTION

- Make sure to only apply paints and varnishes for resins (ABS, HIPS) or paint thinners.
If you apply lacquers for general use on the panel, it may lead to discoloration or erosion on the surface of the panel.
- 3 Connect the Wi-Fi wire to the PBA port inside the indoor unit, through the power and communication cable outlet.



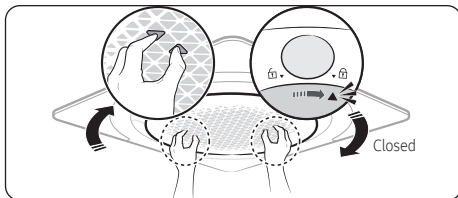
Installing the grille

- 1 Make sure you connect the (two) wires on the grille to the clip wires on the indoor unit.



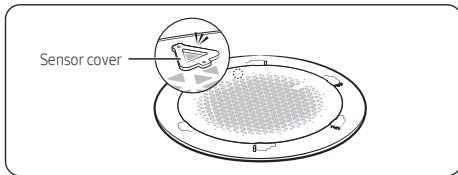
NOTE

- Before installing the grille, connect the (two) safety rings to both ends of the grille to prevent it from falling.
- 2 Attach the grille by turning it clockwise until you hear a 'click' sound.



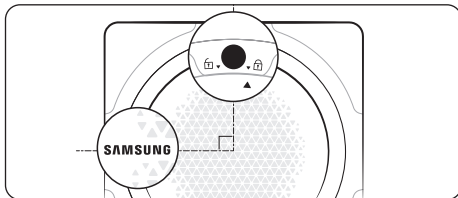
CAUTION

- (PC6NBSMUNW / PC6EBSMUNW)
Be careful not to lose the sensor cover when assembling the air filter.



NOTE

- If the grille is installed correctly, the indicator on the indoor unit is at a 90 degree angle with the Samsung logo on the grille and the triangle next to the lock engraved on the indoor unit is aligned with the triangle on the grille.
- The grille cannot be attached in a counterclockwise direction.



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.

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.

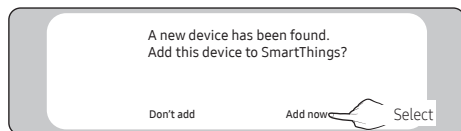
NOTE

- 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.

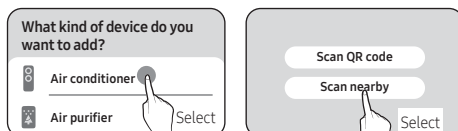


- 3) If the pop-up window does not appear, select "+", and then "Add Device".



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

- Select manually: Samsung devices > Air conditioner
- Scan: Scan nearby > 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 6. 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.

SmartThings app



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 an air conditioner 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

Check the following before requesting a service from the Service Center

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 Wi-Fi Kit Single 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.

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 its 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

SAMSUNG