Mini-Split
User manual

MDDD***M6-1P

- 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

Contents

Safety Information 3

Safety Information 3

At a Glance 14

Indoor Unit Overview 14

Maintenance 15

Periodical maintenance 15

Appendix 16

SmartThings app 16
Troubleshooting 19
Operation Features 24
Regulatory Notice 25

Safety Information

California Proposition 65 Warning (US)

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

Before using your new mini-split, please read this manual thoroughly to ensure that you know how to operate the extensive features and functions of your new appliance safely and efficiently.

Because the following operating instructions cover various models, the characteristics of your mini-split may differ slightly from those described in this manual. If you have any questions, call your nearest contact center or find help and information online at www. lennox.com for homeowners and www.lennoxpros.com for dealer/contractor.

ENERGY STAR qualified model only

Proper sizing and installation of equipment is critical to achieve optimal performance. Split system mini-splits and heat pumps (excluding ductless systems) must be matched with appropriate coil components to meet ENERGY STAR criteria. Ask your contractor for details or visit www. energystar.gov.

ENERGY STAR

ENERGY STAR COLD CLIMATE

Safety Information

⚠ WARNING

Hazards or unsafe practices may result in severe personal injury or death.

⚠ CAUTION

Hazards or unsafe practices that may result in minor personal injury or property damage.

- Follow directions.
- Do NOT attempt.
- Make sure the machine is grounded to prevent electric shock.
- Cut off the power supply.
- Do NOT disassemble.

Symbol	Meaning
	Flammable gas
	flammable materials
	Refrigerant safety group
	Read operating manual
	Refer to operating manual
	Read service manual

INSTALLATION

⚠ WARNING

Use the power line with the power specifications of the product or higher and use the power line for this appliance only. In addition, do not use an extension line.

- Extending the power line may result in electric shock or fire.
- Do not use an electric transformer. This may result in electric shock or fire.
- If the voltage/frequency/rated current condition is different, it may cause a fire.

The installation of this appliance must be performed by a qualified technician or service company.

- Failing to do so may result in electric shock, fire, explosion, problems with the product, or injury.

Install a switch and a circuit breaker dedicated to the mini-split.

- Failing to do so may result in electric shock or fire.

Fix the outdoor unit firmly so that the electric part of the outdoor unit is not exposed.

- Failing to do so may result in electric shock or fire.

Do not install this appliance near a heater, or flammable material. Do not install this appliance in a humid, oily or dusty location, in a location exposed to direct sunlight and water (rain drops). Do not install this appliance in a location where gas may leak.

- This may result in electric shock or fire.

Safety Information

Never install the outdoor unit in a location such as on a high external wall where it could fall.

- If the outdoor unit falls, it may result in injury, death or property damage.

This appliance must be properly grounded. Do not ground the appliance to a gas pipe, plastic water pipe, or telephone line.

- Failure to do so may result in electric shock, fire, an explosion, or other problems with the product.

⚠ CAUTION

Install your appliance on a level and hard floor that can support its weight.

- Failing to do so may result in abnormal vibrations, noise, or problems with the product.

Install the drain hose properly so that the water is drained correctly.

- Failing to do so may result in water overflowing and property damage. Avoid adding drains to waste pipes as odors may arise in the future.

The product shall be stored in a room with no ignition sources (e.g. open flames, gas appliance, electric heater, etc.).

- Note that the refrigerant has no odor.

When installing the outdoor unit , make sure to connect the draining hose so that draining is performed correctly.

- The water generated during the heating operation by the outdoor unit may overflow and result in property damage.

- In winter, if a block of ice falls, it may result in injury, death or property damage.

Ensure that the main supply connection is made through a switch that disconnects all poles, with a contact gap of a least 0.12inch (3 mm).

FOR POWER SUPPLY

⚠ WARNING

When the circuit breaker is damaged, contact your nearest service center.

Do not pull or excessively bend the power line. Do not twist or tie the power line. Do not hook the power line over a metal object, place a heavy object on the power line, insert the power line between objects, or push the power line into the space behind the appliance.

- This may result in electric shock or fire.

⚠ CAUTION

When not using the mini-split for a long time or during a thunder/lightning storm, cut the power at the circuit breaker.

- Failing to do so may result in electric shock or fire.

Safety Information

FOR USING

⚠ WARNING

If the appliance is flooded, please contact your nearest service center.

- Failing to do so may result in electric shock or fire.

If the appliance generates a strange noise,or a burning smell of smoke, cut off the power supply immediately and contact the nearest service center.

- Failing to do so may result in electric shock or fire.

In case of a malfunction, immediately stop operation of the mini-split and disconnect the entire power system. Then consult the authorized service personnel.

In the event of a gas leak (such as propane gas, LP gas, etc.), ventilate immediately without touching the power line. Do not touch the appliance or power line.

- Do not use a ventilating fan.
- A spark may result in an explosion or fire.

To reinstall the mini-split, please contact your nearest service center.

- Failing to do so may result in problems with the product, water leakage, electric shock, or fire.
- A delivery service for the product is not provided. If you reinstall the product in another location, additional construction expenses and an installation fee will be charged.

- Especially, when you wish to install the product in an unusual location such as in an industrial area or near the seaside where it is exposed to salt in the air, please contact your nearest service center.

Do not touch the circuit breaker with wet hands.

- This may result in electric shock.

Do not turn the mini-split off with the circuit breaker while it is operating.

- Turning the mini-split off and then on again with the circuit breaker may cause a spark and result in electric shock or fire.

After unpacking the mini-split, keep all packaging materials well out of the reach of children, as packaging materials can be dangerous to children.

- If a child places a bag over its head, it may result in suffocation.

Do not touch the front panel with your hands or fingers during the heating operation.

- This may result in electric shock or burns.

Do not insert your fingers or foreign substances into the outlet when the mini-split is operating, or the front panel is closing.

- Take special care that children do not injure themselves by inserting their fingers into the product.

Do not insert your fingers or foreign substances into the air inlet/outlet of the mini-split.

- Take special care that children do not injure themselves by inserting their fingers into the product.

Safety Information

Do not strike or pull the mini-split with excessive force.

- This may result in fire, injury, or problems with the product.

Do not place an object near the outdoor unit that allows children to climb onto the machine.

- This may result in children seriously injuring themselves.

Do not use this mini-split for long periods in badly ventilated locations or near infirm people.

- Since this may be dangerous due to a lack of oxygen, open a window at least once an hour.

Do not use means to accelerate the defrost operation or to clean, other than those recommended by Lennox.

Do not pierce or burn.

Be aware that refrigerants may not contain an odor.

If any foreign substance such as water has entered the appliance, cut off the power supply and contact the nearest service center.

- Failing to do so may result in electric shock or fire.

Do not attempt to repair, disassemble, or modify the appliance yourself.

- Do not use any fuse (such as copper, steel wire, etc.) other than the standard fuse.
- Failing to do so may result in electric shock, fire, problems with the product, or injury.

⚠ CAUTION

Do not place objects or devices under the indoor unit.

- Water dripping from the indoor unit may result in fire or property damage.

Check that the installation frame of the outdoor unit is not broken at least once a year.

- Failing to do so may result in injury, death or property damage.

When the mini-split does not operate properly for cooling or heating, there is a possibility of refrigerant leakage. If there is any leakage, stop operation, ventilate the room, and consult your dealer to recharge the refrigerant.

The refrigerant is not harmful. However, if it comes in contact with fire, it may generate harmful gases and there is a risk of fire.

During the transportation of the indoor unit, the pipelines shall be covered with brackets for protection. Do not move the product by holding the refrigerant or drain pipe connections.

- It may cause gas leakage.

Do not install the product on a ship or a vehicle (such as a campervan).

- Salt, vibration or other environmental factors may cause the product to malfunction, electric shock or fire.

Do not stand on top of the appliance or place objects (such as laundry, lighted candles, lighted cigarettes, dishes, chemicals, metal objects, etc.) on the appliance.

- This may result in electric shock, fire, problems with the product, or injury.

Safety Information

Do not operate the appliance with wet hands.

- This may result in electric shock.

Do not spray volatile material such as insecticide onto the surface of the appliance.

- As well as being harmful to humans, it may also result in electric shock, fire or problems with the product.

Do not drink the water from the mini-split.

- The water may be harmful to humans.

Do not apply a strong impact to the controller and do not disassemble the controller.

Do not touch the pipes connected to the product.

- This may result in burns or injury.

Do not cut or burn the refrigerant container or piping.

Do not point the air direction to a fireplace or heater.

Do not use this mini-split to preserve precision equipment, food, animals, plants or cosmetics, or for any other unusual purposes.

- This may result in property damage.

Avoid directly exposing humans, animals or plants to the air flow from the mini-split for long periods.

- This may result in harm to humans, animals or plants.

This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge unless they have been given supervision or instruction concerning the use of the appliance by a person responsible for their safety. Children should be supervised to ensure that they do not play with the appliance.

FOR CLEANING

⚠ WARNING

⃠ **Do not clean the appliance by spraying water directly onto it. Do not use benzene, thinner, alcohol or acetone to clean the appliance.**

- This may result in discoloration, deformation, damage, electric shock or fire.

Before cleaning or performing maintenance, cut off the power supply and wait until the fan stops.

- Failing to do so may result in electric shock or fire.

⚠ CAUTION

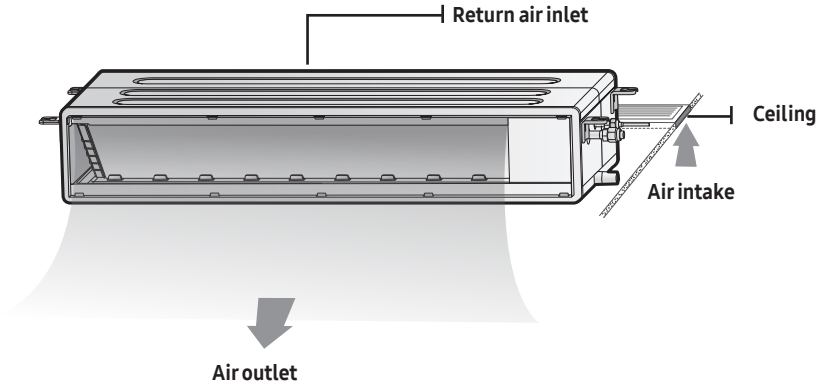
⃠ **Take care when cleaning the surface of the heat exchanger of the outdoor unit since it has sharp edges.**

- To avoid cutting your fingers, wear thick cotton gloves when cleaning it.
- This should be done by a qualified technician. Please contact your installer or service center.

⃠ **Do not clean the inside of the mini-split by yourself.**

- For cleaning inside the appliance, contact your nearest service center.
- Failure to do so may result in damage, electric shock or fire.
- Make sure to prevent any injury from sharp edges of the surface when handling the heat exchanger.

Indoor Unit Overview



NOTE

- Your mini-split and display may look slightly different from the illustration shown above depending on your model.

Maintenance

Periodic maintenance

If the mini-split will not be used for an extended period, dry the mini-split to maintain it in the best condition.

1. Dry the mini-split thoroughly by operating in Fan mode for 3 to 4 hours and disconnect the power plug. There may be internal damage if moisture is left in components.
2. Before using the mini-split again, dry the inner components of the mini-split again by running in Fan mode for 3 to 4 hours. This helps remove odors that may have been generated from dampness.

Periodical checks

Refer to the following chart to maintain the mini-split properly.

Unit	Maintenance item	Interval	Requires qualified technicians
Indoor unit	Clean the condensate drain pan.	Once a year	Required
	Clean the heat exchanger.	Once a year	Required
	Clean the condensate drainpipe.	Once every 4 months	Required
	For models with optional R-32 sensor, replace sensor.	10 years	Required
Outdoor unit	Clean the heat exchanger.	Once every 3 months	Required
	Clean the electric components with jets of air.	Once a year	Required
	Verify that all the electric components are firmly tightened.	Once a year	Required
	Clean the fan.	Once a year	Required
	Verify that the fan assemblies are firmly tightened.	Once a year	Required
	Clean the condensate drain pan.	Once a year	Required

NOTE

- The checks and maintenance operations described above are essential to guarantee the efficiency of the mini-split. The frequency of these operations may vary depending on the characteristics of the area, the amount of dust, etc.
  1. The above mentioned operations should be performed more frequently if the area of installation is very dusty.
  2. These operations must always be performed by qualified personnel. For more detailed information, refer to the Installation Manual.
  3. In some cases, if the period of use of the R-32 detecting sensor exceeds 5 years, “E695” is displayed on the wired controller, and the product does not work. Six months before the expiration of the period of use date, “E699” is displayed on the wired controller, and the product work nomally. If the period of use date exceeds 10 years, the wired controller displays “E700”, and the product does not work. It must be replaced through Lennox Service Center before the expiration of the period of use date.

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.
You can easily install the SmartThings app or use the product with your smartphone by scanning the SmartThings QR code on the label.

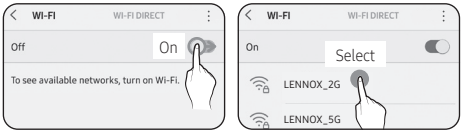
1 Checking the power connections

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

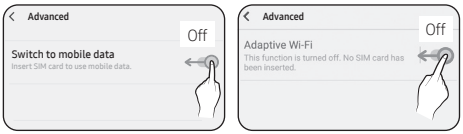
1 To connect the product to a Wi-Fi network, turn on Wi-Fi at "Settings > Wi-Fi", and then select the access point to connect to

- 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 the 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.

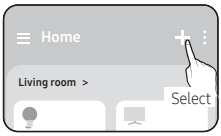
4 Connecting the SmartThings app to your product

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.



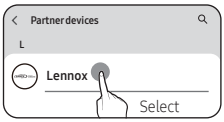
3) If the pop-up window does not appear, select "+", and then "Add device".

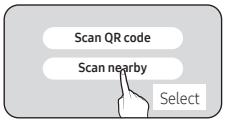




You can add a product you want to connect to by selecting it manually or by selecting "Scan nearby".

- Select manually : Partner devices › Lennox
- Scan : Scan nearby › Other types





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 then configure the settings.

SmartThings app

- 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 16. 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 permanently has 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 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.

Security updates information

Security updates are provided to strengthen the security of your device and protect your personal information. For more information on security updates, visit https://security.samsungda.com.

* The website supports only some languages.

Troubleshooting

Refer to the following chart if the mini-split operates abnormally. This may save time and unnecessary expense.

Problem	Solution
The product does not work. **Error E696**	• This is intended to determine whether there is a leak or not, as R-32 refrigerant is sensed. • The indoor unit determines again whether or not there is a refrigerant leak while operating for 2 minutes using Fan mode (specifically High speed). If there is no refrigerant leak, the indoor unit stops operating, the error is cleared and the product can operate normally. • The R-32 sensor, embedded in the indoor unit, reacts not only to R-32 refrigerant but also to high-concentration chemicals (e.g. organic solvents, hair spray and paint). Do not use any high-concentration chemicals in the vicinity of the indoor unit, as these may cause false operation of the sensor.
The product does not work **Error E697**	• This error occurs when indoor unit detect R-32 refrigerant leaks. • Ventilate the room for which the alarm was activated. • Contact the Lennox service center for assistance.
The product does not work. **Error E116, E695, E698, E699, E700**	• This error occurs when the R-32 refrigerant sensor has a malfunction or the sensor's life has expired. • Display "E116" or "E698" when a sensor failure occurs. • The R-32 sensor's lifespan is 10 years. If the refrigerant leak sensor's lifespan cannot be predicted, "E695" is displayed, and the product does not work. The wired controller displays "E699" 6 months before the sensor's lifespan expires. After the sensor's lifespan expires, the wired controller displays "E700", and the product does not work. • Contact the Lennox service center for assistance.
The product does not work. **Error E797**	• This error occurs when another indoor unit that shares the outdoor unit detects the R-32 refrigerant. • Ventilate the of Room for which the alarm was acticated. • Contact the Lennox service center for assistance.

Troubleshooting

Problem	Solution
The mini-split does not operate immediately after it has been restarted.	• Because of the protective mechanism, the appliance does not start operating immediately to keep the unit from overloading. The mini-split will start in 3 minutes.
The mini-split does not operate at all.	• Check whether the power is turned on, and then operate the mini-split again. • Check whether the auxiliary power switch (MCCB, ELB) is turned on. • If the auxiliary power switch (MCCB, ELB) is turned off, the mini-split does not work although you press the (Power) button. • When you clean the mini-split or do not use it for an extended time, turn off the auxiliary power switch (MCCB, ELB). • After the mini-split is not used for an extended time, be sure to turn on the auxiliary power switch (MCCB, ELB) 6 hours before starting operation. **NOTE** • The auxiliary power switch (MCCB, ELB) is sold separately. • Make sure that an auxiliary power switch (MCCB, ELB) is installed in the distribution box inside the building. • If the mini-split is turned off by the Timed off function, turn on the mini-split again by pressing the (Power) button.
The temperature does not change.	• Check whether the Fan mode is running. In the Fan mode, the mini-split controls the set temperature automatically, and you cannot change the set temperature.
Warm air does not come out of the mini-split.	• Check whether the outdoor unit is designed for cooling only. In this case, warm air does not come out although you select the Heat mode. • Check whether the controller is designed only for cooling only. Use a controller that supports both cooling and heating.
The fan speed does not change.	• Check whether the Dry mode is running. In these modes, the mini-split controls the fan speed automatically, and you cannot change the fan speed.

Problem	Solution
The wireless controller does not operate.	• Ensure the controller is charged. Use the USB-C port or the solar cell on the back of the controller to charge the controller. • Make sure that nothing is blocking the controller sensor. • Check whether any strong lighting sources are near the mini-split. Strong light that comes from fluorescent bulbs or neon signs may interfere with the controller.
The wired controller does not operate.	• Check whether the (!) indicator is displayed at the bottom right of the controller display. In this case, turn off both the mini-split and the auxiliary power switch, and then contact a service center.
The mini-split is not turned on or off immediately with the wired controller.	• Check whether the wired controller is set for group control. In this case, the mini-splits connected to the wired controller are turned on or off sequentially. This operation takes up to 32 seconds.
The Timed on/off function does not operate.	• Check whether you pressed the (< Options Set >) (SET) button on the controller after setting the on/off time. Set the on/off time.
The indoor unit display blinks continuously.	• Turn on the mini-split again by pressing the (⏻) (Power) button. • Turn off and then turn on the auxiliary power switch, and then turn on the conditioner. • If the indoor unit display is still blinking, contact a service center.
I want to get cooler air.	• Operate the mini-split with an electric fan to save energy and enhance the cooling efficiency.
The air is not cool or warm enough.	• In the Cool mode, cool air does not come out if the set temperature is higher than the current temperature. – Controller: Press the Temperature button repeatedly until the set temperature [minimum: 64°F(18°C)] is set to lower than the current temperature. • In the Heat mode, warm air does not come out if the set temperature is lower than the current temperature. – Controller: Press the Temperature button repeatedly until the set temperature [maximum: 86°F(30°C)] is set to higher than the current temperature.

Troubleshooting

Problem	Solution
The air is not cool or warm enough.	• Both cooling and heating do not operate in the Fan mode. Select the Cool, Heat, Auto, or Dry mode. • If a cover is on the outdoor unit or any obstacle is present near the outdoor unit, remove it. • Install the outdoor unit in a well-ventilated place. Avoid places exposed to direct sunlight or close to a heating appliance. • Place a sunscreen over the outdoor unit to protect it from direct sunlight. • If the indoor unit is installed in a place exposed to direct sunlight, pull the curtains on the windows. • Close the windows and doors to maximize the cooling and heating efficiencies. • If the Cool mode is stopped and then started immediately, cool air comes out after about 3 minutes to protect the compressor of the outdoor unit. • When the Heat mode is started, warm air does not come out immediately to prevent cool air from coming out at the beginning. • If the refrigerant pipe is too long, the cooling and heating efficiencies may be decreased. Avoid exceeding the maximum pipe length.
The mini-split makes strange noises.	• In certain conditions [especially, when the outdoor temperature is lower than 68°F (20°C)], a hissing, rumbling, or splashing sound may be heard while the refrigerant is circulating through the mini-split. This is a normal operation. • When you press the ⏻ (Power) button on the controller, noise may be heard from the drain pump inside the mini-split. This noise is a normal sound.
Unpleasant odors permeate the room.	• If the mini-split is running in a smoky area or if there is a smell entering from outside, ventilate the room properly. • If both indoor temperature and indoor humidity are high, operate the mini-split in Clean or Fan mode for 1 to 2 hours. • If the mini-split has not been operated for an extended time, clean the indoor unit and then operate the mini-split in Fan mode for 3 to 4 hours to dry the inside of the indoor unit to remove unpleasant odors.

Problem		Solution
The installed SmartThings app cannot access the mini-split.		• Make sure you have connected the mini-split 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 the 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.

Operation Features

Operating temperature and humidity

Mode	Indoor temperature	Outdoor temperature	Indoor humidity
Cooling	64°F to 90°F (18°C to 32°C)	Depending on the outdoor unit specifications	80% or less
Heating	86°F or less (30°C or less)		-
Drying	64°F to 90°F (18°C to 32°C)		80% or less

⚠ CAUTION

- If you use the mini-split at a relative humidity above 80%, it may cause a formation of condensation and a leakage of water on the floor.
- The rated temperature for heating is 47°F (8°C). If the outdoor temperature drops to 32˚F (0˚C) or below, the heating capacity can be reduced depending on the temperature condition.
- If the indoor unit is out of the operating temperature and humidity range, the safety device may operate, and the mini-split may stop.
- If the indoor unit is installed in an IT room (for example, a computer room), a separate backup system must be installed, and the reliability of our product cannot be guaranteed at temperatures outside the operating temperature range.

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 with 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 the 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 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.

IC Notice

This appliance contains the transmitter module.

The term "IC" before the radio certification number only signifies that Industry Canada's 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

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