



Air conditioner

General Information

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



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Safety Information

WARNING: Read This Manual

Read and follow all safety information and instructions before installation, use, or maintenance of this appliance. Incorrect installation, use, or maintenance of this appliance can result in death, serious injury, or property damage. Keep these instructions with this appliance. This manual is subject to change. For the latest version, visit www.samsung.com.

Because the instructions in this manual cover various models, the characteristics of your air conditioner may differ slightly from those described. If you have any questions, please contact your service provider or visit www.samsung.com.

Notices and notes

To make you aware of safety messages and highlighted information, we use the following notices and notes throughout this manual:

WARNING

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

CAUTION

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

IMPORTANT

Information of special interest

NOTE

Supplementary information that may be useful





WARNING: Low burning velocity material
(This appliance is filled with R-32.)



The user and installer guides should be read carefully.



The user and installer guides should be read carefully.



The service guide should be read carefully.

FOR GENERAL

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 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 use in Europe : This appliance can be used by children aged from 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved. Children shall not play with the appliance. Cleaning and user maintenance shall not be made by children without supervision.

IMPORTANT

To perform its antimicrobial function this product has been treated with the biocide substance Silver zinc zeolite.





Safety Information

FOR INSTALLATION

WARNING

Use a power cord with this product's power specifications or higher and use the power cord for this appliance only. In addition, do not use an extension cord.

- Extending the power cord 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 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 and may also void warranty on the installed product.

Install an Isolation Switch next to the Air Conditioner (but not on the panels of the Air Conditioner) and circuit breaker dedicated to the air conditioner.

- 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, fire, explosion, or problems with the product.

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

- This may result in electric shock or fire.





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.

- Failing to do so may result in electric shock, fire, and explosion.
- Make sure to use a socket-outlet with ground.

 **CAUTION**

Please cover the air conditioner with PE BAG after installation, and remove it when you start to run air conditioner.

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 water drains correctly.

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

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

- The water generated during heating by the outdoor unit may overflow and result in property damage.
In particular, in winter, if a block of ice falls, it may result in injury, death or property damage.

Do not install the product in a place where thermo-hygrostat is needed (such as server room, machinery room, computer room, etc.).

- Those places do not provide guaranteed operation condition of the product therefore performance can be poor in these places.





Safety Information

FOR POWER SUPPLY

WARNING

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

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.

If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.

CAUTION

When not using the air conditioner for a long period of 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.

FOR USING

WARNING

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

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

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

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





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 air conditioner, please contact your nearest service centre.

- Failing to do so may result in problems with the product, water leakage, electric shock, or fire.
- 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 centre.

Do not touch the circuit breaker with wet hands.

- This may result in electric shock.

Do not turn the air conditioner off with the circuit breaker while it is operating.

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

After unpacking the air conditioner, 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 air-flow blade with your hands or fingers during heating.

- This may result in electric shock or burns.





Safety Information

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

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

Do not strike or pull the air conditioner 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 air conditioner for long periods of time 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.

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

- 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 cooper, 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.





To prevent personal injury, make sure that you change the directions of the horizontal air flow blades after stopping the movements of the vertical air flow blade. (In case of adjusting the horizontal air-flow manually)

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

- Salt, vibration or other environmental factor may cause the product 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.

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 air conditioner.

- The water may be harmful to humans.

Do not hit, shake, drop, or attempt to disassemble the remote control.

When replacing the remote control batteries, keep them out of the reach of infants.

- If an infant eats batteries, contact a doctor immediately.

When replacing the remote control batteries, be careful not to get the battery fluid on your skin.

- Battery fluid is harmful to humans.

Do not touch the pipes connected with the product.

- This may result in burns or injury.





Safety Information

Do not use this air conditioner 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 air conditioner for long periods of time.

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

FOR CLEANING

WARNING

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

- This may result in discolouration, 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.

- This should be done by a qualified technician. Please contact your installer or service centre.

Do not clean the inside of the air conditioner by yourself.

- For cleaning inside the appliance, contact your nearest service centre.
- When cleaning the filter, refer to the descriptions in the 'Cleaning' section of the Quick Guide.
- Failing 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.





FOR R-32 REFRIGERANT

WARNING

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

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

Do not pierce or burn.

Be aware that refrigerants may not contain an odour.

CAUTION

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 odour.

When the air conditioner does not operate properly for cooling or heating, there is a possibility of refrigerant leakage. If any leakage, stop operation, ventilate the room, and consult your dealer immediately for recharging refrigerant.

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

During transportation of the indoor unit, the pipe lines shall be covered with brackets for protection. Do not move the product with holding the pipe lines.

- It may cause gas leakage.

Do not cut or burn the refrigerant container or pipings.

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





Information about Refrigerant

Important information: regulation regarding the refrigerant used.
This product contains fluorinated greenhouse gases. Do not vent gases into the atmosphere.

CAUTION

If the system contains 5 tCO₂e or more of fluorinated greenhouse gases, it must be checked for leakage at least once every 12 months, according to regulation No. 517/2014. This activity must be covered by qualified personnel only. In the case of the situation above, the installer (or authorized person with responsibility for final check) must provide a maintenance book, with all the information recorded, according to REGULATION (EU) No. 517/2014 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 16 April 2014 on fluorinated greenhouse gases.

This indoor unit can be connected to an R-32 or R-410A outdoor unit.

Refrigerant type	GWP value
R-32	675
R-410A	2088

- GWP: Global Warming Potential
- Calculating tCO₂e: kg x GWP/1000

Reference

Your device uses non-harmonised frequency and is intended for use in all European countries. The WLAN can be operated in the EU without restriction indoors, but cannot be operated outdoors in France.

Specifications

Wi-Fi	
Frequency Range	Transmitter Power(Max)
2412 - 2472 MHz	20 dBm





English	Hereby, Samsung Electronics, declares that the radio equipment type appliance is in compliance with Directive 2014/53/EU. The full text of the EU declaration of conformity is available at the following internet address: The official Declaration of conformity may be found at http://www.samsung.com , go to Support > Search Product Support and enter the model name.
Czech	Společnost Samsung Electronics tímto prohlašuje, že uvedené rádiové zařízení vyhovuje požadavkům směrnice 2014/53/EU. Úplné znění EU Prohlášení o shodě je k dispozici na následující internetové adrese: Oficiální prohlášení o shodě naleznete na webu http://www.samsung.com , kde klepněte na odkaz Podpora a do pole Hledat Podporu zadejte název modelu.
Danish	Samsung Electronics erklærer hermed, at denne type radioudstysapparat opfylder kravene og bestemmelserne i direktiv 2014/53/EU. Hele teksten i EU-overensstemmelseserklæringen findes på denne webadresse: Den officielle overensstemmelseserklæring kan findes på http://www.samsung.com . Gå til support > Søg efter produktsupport, og angiv modelnavnet.
German	Samsung Electronics erklärt hiermit, dass diese Vorrichtung vom Gerätetyp Funkgerät der Richtlinie 2014/53/EU entspricht. Der gesamte Text der EU-Konformitätserklärung ist unter der folgenden Internetadresse verfügbar: Die offizielle Konformitätserklärung ist unter http://www.samsung.com zu finden. Gehen Sie zu Support > Produktsupport durchsuchen und geben Sie den Modellnamen ein.
Estonian	Käesolevaga kinnitab Samsung Electronics, et raadioseadme tüüpi seade vastab direktiivile 2014/53/EL. EL-i vastavusdeklaratsiooni terve tekst on saadaval internetis järgmisel aadressil. Ametliku vastavusdeklaratsiooni leiata aadressilt http://www.samsung.com , avage menüü Tugi > Otsi toote tuge ja sisestage seajärel mudeli nimi.
Spanish	Por la presente, Samsung Electronics declara que este aparato de equipamiento de radio cumple con la Directiva 2014/53/UE. El texto completo de la declaración de conformidad con la UE está disponible en la siguiente dirección de Internet: La Declaración de conformidad oficial se puede encontrar en http://www.samsung.com , vaya a soporte > Búsqueda de soporte de productos e introduzca el nombre del modelo.
Greek	Με την παρούσα, η Samsung Electronics, δηλώνει ότι η συσκευή ραδιοεξοπλισμού συμμορφώνεται με την Οδηγία 2014/53/ΕΕ. Το πλήρες κείμενο της δήλωσης συμμόρφωσης με την ευρωπαϊκή οδηγία είναι διαθέσιμο στη διεύθυνση: Μπορείτε να βρείτε την επίσημη δήλωση συμμόρφωσης στην τοποθεσία http://www.samsung.com . Επιλέξτε Υποστήριξη > Αναζήτηση υποστήριξης προϊόντος και εισαγάγετε το όνομα μοντέλου.
French	Par la présente, Samsung Electronics déclare que cet appareil de type équipement radio est en conformité avec la Directive 2014/53/UE. Le texte intégral de la déclaration de conformité de l'UE est disponible à l'adresse Internet suivante : La Déclaration officielle de conformité se trouve sur http://www.samsung.com , rendez-vous sur la page d'assistance > Rechercher dans l'Assistance et saisissez un nom de modèle.
Italian	Samsung Electronics dichiara che l'apparecchiatura radio aderisce alla direttiva 2014/53/EU. Il testo integrale della dichiarazione di conformità EU è disponibile al seguente indirizzo: La dichiarazione ufficiale di conformità è disponibile su http://www.samsung.com , selezionare supporto > Cerca Supporto Prodotto e inserire il nome del modello.



Reference

Latvian	Samsung Electronics ar šo paziņo, ka šī radioiekārtas tipa ierīce atbilst Direktīvas 2014/53/ES prasībām. Pilns ES atbilstības deklarācijas teksts ir pieejams šajā interneta adresē: Oficiālo atbilstības deklarāciju var atrast vietnē http://www.samsung.com , atverot Atbalsts > Meklēt produkta atbalstu un ievadot modeļa nosaukumu.
Lithuanian	Šiuo dokumentu Samsung Electronics patvirtina, kad radijo įrangos tipo prietaisas atitinka direktyvos 2014/53/ES reikalavimus. Visą ES atitikties deklaracijos tekstą rasite apsilankę internetinėje svetainėje adresu: Oficiali atitikties deklaracija pateikiama svetainėje http://www.samsung.com , eikite į skirtuką Palaikymas > Ieškoti gaminio palaikymo ir įveskite modelio numerį.
Dutch	Samsung Electronics verklaart hierbij dat het type radiooestel voldoet aan Richtlijn 2014/53/EU. De volledige tekst van de EG-Conformiteitsverklaring vindt u op deze website: De officiële Conformiteitsverklaring vindt u op http://www.samsung.com , ga naar Ondersteuning > Productondersteuning zoeken en voer de modelnaam in.
Hungarian	A Samsung Electronics ezennel kijelenti, hogy a rádiós berendezés típusú készülék megfelel a 2014/53/EK irányelv előírásainak. Az EU megfelelőségi nyilatkozat teljes szövege az alábbi weboldalon olvasható: A hivatalos Megfelelőségi nyilatkozat a http://www.samsung.com honlapon olvasható, lépjen a Támogatás > Terméktámogatás keresése menüpontra, és adja meg a modell nevét.
Polish	Firma Samsung Electronics niniejszym oświadcza, że sprzęt radiowy jest zgodny z wymogami Dyrektywy 2014/53/UE. Pełny tekst europejskiej deklaracji zgodności jest dostępny na stronie internetowej: Treść oficjalnej deklaracji zgodności jest dostępna pod adresem http://www.samsung.com w menu Wsparcie > Szukaj, gdzie należy podać nazwę modelu.
Portuguese	Pelo presente, a Samsung Electronics declara que o aparelho tipo equipamento de rádio está em conformidade com a Diretiva 2014/53/UE. O texto integral da declaração de conformidade europeia está disponível no seguinte endereço da internet: A Declaração de conformidade oficial pode ser encontrada em http://www.samsung.com , vá a Suporte > Pesquisar Suporte do produto e insira o nome do modelo.
Slovenian	S tem družba Samsung Electronics izjavlja, da je radijska oprema skladna z Direktivo 2014/53/EU. Celotno besedilo izjave ES o skladnosti je na voljo na spodnjem internetnem naslovu: Uradno izjavo o skladnosti lahko najdete na naslovu http://www.samsung.com . Pojdite na podpora > Iskanje podpore za izdelek, nato vnesite ime izdelka.
Slovak	Spoločnosť Samsung Electronics týmto vyhlasuje, že zariadenie rádiového typu je v súlade so smernicou 2014/53/EÚ. Celé znenie Vyhlásenia o zhode EÚ je k dispozícii na nasledujúcej internetovej adrese: Oficiálne Vyhlásenie o zhode sa nachádza na lokalite http://www.samsung.com , prejdite na položky Podpora > Vyhľadávanie podpory produktov a zadajte názov modelu.
Finnish	Samsung Electronics vakuuttaa, että radiolaite on direktiivin 2014/53/EU vaatimusten mukainen. EU-vaatimustenmukaisuusvakuutuksen täydellinen teksti on saatavilla seuraavassa Internet-osoitteessa: Virallinen vaatimustenmukaisuusvakuutus on osoitteessa http://www.samsung.com . Valitse Tuki > Etsi tuotetuokea ja kirjoita mallinimi.



Swedish	Härmed deklarerar Samsung Electronics att denna anordning av radioutrustningstyp uppfyller direktivet 2014/53/EU. Den fullständiga texten i EU-deklarationen om överensstämmelse finns tillgänglig på följande internetadress: Den officiella deklarationen om överensstämmelse finns på http://www.samsung.com . Gå till stöd > Sök produktsupport och ange modellnamnet.
Bulgarian	С настоящия документ Samsung Electronics декларира, че уредът от тип радиооборудване е в съответствие с Директива 2014/53/ЕС. Целият текст на ЕС Декларацията за съответствие е наличен на следния интернет адрес: Официалната Декларация за съответствие можете да намерите на http://www.samsung.com , отидете на отидете на поддръжка > Търсене на поддръжка за продукт и въведете името на модела.
Romanian	Prin prezenta, Samsung Electronics declară faptul că aparatul de tip echipament radio respectă Directiva 2014/53/UE. Textul complet al declarației de conformitate UE este disponibil la una dintre următoarele adrese de internet: Declarația de conformitate oficială poate fi găsită la http://www.samsung.com , accesați asistența > Căutați asistența produsului și introduceți numele modelului.
Norwegian	Samsung Electronics erklærer herved at dette radioutstyret er i samsvar med direktiv 2014/53/EU. Den fullstendige teksten til EU-samsvarserklæringen er tilgjengelig på følgende nettadresse: Den offisielle samsvarserklæringen finnes på http://www.samsung.com . Gå til Support > Søk gjennom produktsupport og angi modellnavn.
Turkish	İşbu belge ile, Samsung Electronics bu radyo ekipmanı türü cihazın 2014/53/EU Direktifine uygun olduğunu beyan etmektedir. AB uygunluk beyanının tam metnine aşağıdaki internet adresinden ulaşabilirsiniz: Resmî Uygunluk beyanını http://www.samsung.com adresinde bulabilirsiniz. Destek > Ürün Desteği Ara'ya gidin ve model adını girin.
Russian	Настоящим компания Samsung Electronics заявляет, что устройство типа радиооборудование соответствует Директиве 2014/53/ЕС. Полный текст декларации о соответствии ЕС доступен по следующему веб-адресу: Официальная Декларация о соответствии доступна по адресу http://www.samsung.com , перейдите в раздел Поддержка > Поиск продукта и введите имя модели.
Ukrainian	Цим компанія Samsung Electronics заявляє, що прилад, який належить до радіообладнання, відповідає вимогам Директиви 2014/53/EU. Повний текст декларації про відповідність нормам країн ЄС доступний за такою адресою в інтернеті: Офіційний текст Декларації про відповідність можна знайти на сайті http://www.samsung.com ; перейдіть до розділу підтримки, потім — до поля пошуку підтримки для певного виробу та введіть назву моделі.
Serbian	Ovim putem kompanija Samsung Electronics izjavljuje da je ovaj uređaj u tipu radio opreme u skladu sa direktivom 2014/53/EU. Kompletan sadržaj EU deklaracije o usaglašenosti dostupan je na sledećoj internet adresi: Zvaničnu deklaraciju o usaglašenosti možete naći na adresi http://www.samsung.com , idite na Podrška > Pretraga podrške za proizvode i unesite naziv modela.
Croatian	Tvrka Samsung Electronics ovim izjavljuje da je uređaj tipa radijske opreme usklađen s Direktivom 2014/53/EU. Potpuni tekst EU deklaracije o skladnosti dostupan je na sljedećim web-adresama: Službenu Izjavu o skladnosti možete pronaći na adresi http://www.samsung.com , ako odaberete Podrška > Traži podršku za proizvod i unesete naziv modela.





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***Correct Disposal of This Product
(Waste Electrical & Electronic Equipment)***

(Applicable in countries with separate collection systems)

This marking on the product, accessories or literature indicates that the product and its electronic accessories (e.g. charger, headset, USB cable) should not be disposed of with other household waste at the end of their working life. To prevent possible harm to the environment or human health from uncontrolled waste disposal, please separate these items from other types of waste and recycle them responsibly to promote the sustainable reuse of material resources.

Household users should contact either the retailer where they purchased this product, or their local government office, for details of where and how they can take these items for environmentally safe recycling.

Business users should contact their supplier and check the terms and conditions of the purchase contract. This product and its electronic accessories should not be mixed with other commercial wastes for disposal.



Correct disposal of batteries in this product

This marking on the battery, manual or packaging indicates that the batteries in this product should not be disposed of with other household waste at the end of their working life. Where marked, the chemical symbols Hg, Cd or Pb indicate that the battery contains mercury, cadmium or lead above the reference levels in EC Directive 2006/66.

For information on Samsung's environmental commitments and product-specific regulatory obligations, e.g. REACH, WEEE, Batteries, visit : samsung.com/uk/aboutsamsung/samsungelectronics/corporatecitizenship/data_corner.html

