

Heat Pump Dryer

User manual

DV9*F09F4S

SAMSUNG

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Safety information

Congratulations on your new Samsung dryer. This manual contains important information on the installation, use, and care of your appliance. Please take the time to read this manual to take full advantage of your dryer's many benefits and features.

What you need to know about the safety instructions

Warnings and Important Safety Instructions in this manual do not cover all possible conditions and situations that may occur. It is your responsibility to caution and care when installing, maintaining, or operating your dryer.

Always contact your manufacturer about problems or conditions you do not understand.

Important safety symbols

What the icons and signs in this user manual mean:

WARNING

Hazards or unsafe practices that may result in severe personal injury, death and/or property damage.

CAUTION

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

WARNING

To reduce the risk of fire or explosion, follow these basic precautions.

NOTE

Indicates that a risk of personal injury or material damage exists.

CAUTION

Risk of fire/risk of poisoning/risk of material damage and damage to the appliance

The appliance contains R290, a refrigerant that is environmentally friendly but flammable. If it is not disposed of correctly, this may result in fire or poisoning.

Dispose of the appliance correctly and do not damage the pipes in the refrigerant circuit.

Read the instructions

These warning signs are here to prevent injury to yourself and others.

Please follow them explicitly.

After reading this manual, store it in a safe place for future reference.

Read all instructions before using the appliance.

As with any equipment that uses electricity and moving parts, potential hazards exist. To safely operate this appliance, familiarize yourself with its operation and exercise care when using it.

 **WARNING****Risk of Fire**

- Clothes dryer installation must be performed by a qualified technician.
- Install the clothes dryer according to the manufacturer's instructions and local codes.
- To reduce the risk of severe injury or death, follow all installation instructions.

Important safety precautions **WARNING**

To reduce the risk of fire, electric shock, or injury to persons when using your appliance, follow basic precautions, including the following:

1. This appliance is not to be used 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.
2. **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.
3. Children should be supervised to ensure that they do not play with the appliance.
4. 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.

Safety information

5. For appliances with ventilation openings at the base, make sure that items such as carpets or mats do not obstruct the openings.
6. **For use in Europe:** Children of less than 3 years should be kept away unless continuously supervised.
7. **CAUTION:** In order to avoid a hazard due to inadvertent resetting of the thermal cut-out, this appliance must not be electrical connected through an external switching device, such as a timer, or connected to a circuit that is regularly switched on and off by the utility.
8. The tumble dryer is not to be used if industrial chemicals have been used for cleaning.
9. The lint trap has to be cleaned frequently if applicable.
10. Lint must not to be allowed to accumulate around the tumble dryer. (not applicable for appliances intended to be vented to the exterior of the building)
11. Adequate ventilation has to be provided to avoid the back flow of gases into the room from appliances burning other fuels, including open fires.
12. Do not dry unwashed items in the tumble dryer.
13. Items that have been soiled with substances such as cooking oil, acetone, alcohol, petrol, kerosene, spot removers, turpentine, waxes and wax removers should be washed in hot water with an extra amount of detergent before being dried in the tumble dryer.
14. Items such as foam rubber (latex foam), shower caps, waterproof textiles, rubber backed articles and clothes or pillows fitted with foam rubber pads should not be dried in the tumble dryer.

-
15. The final part of a tumble dryer cycle occurs without heat (cool down cycle) to ensure that the items are left at a temperature that ensures such items will not be damaged.
 16. Remove all objects from pockets such as lighters and matches.
 17. **WARNING:** Never stop a tumble dryer before the end of the drying cycle unless all items are quickly removed and spread out so that the heat is dissipated.
 18. Exhaust air must not be discharged into a flue which is used for exhausting fumes from appliances burning gas or other fuels.
 19. The appliance must not be installed behind a lockable door, a sliding door or a door with a hinge on the opposite side to that of the tumble dryer, in such a way that a full opening of the tumble dryer door is restricted.
 20. **WARNING:** The appliance must not be supplied through an external switching device, such as a timer, or connected to a circuit that is regularly switched on and off by a utility.
 21. Fabric softeners, or similar products, should be used as specified by the fabric softener instructions.



WARNING; RISK OF FIRE / FLAMMABLE MATERIALS

22. **WARNING:** In the appliance enclosure or in the built-in structure, keep ventilation openings clear of obstruction.
23. **WARNING:** Do not damage the refrigerant circuit.

Safety information

24. The appliance contains R290, a refrigerant that is environmentally friendly but flammable.

Keep fire and ignition sources away from the appliance.

Critical installation warnings

WARNING

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

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

Plug the power cord into a wall socket and use the socket for this appliance only. In addition, do not use an extension cord.

- Sharing a wall socket with other appliances using a power strip or extending the power cord may result in electric shock or fire.
- Ensure that the power voltage, frequency and current are the same as those of the product specifications. Failure to do so may result in electric shock or fire. Failure Plug the power plug into the wall socket firmly.

Remove all foreign substances such as dust or water from the power plug terminals and contact points using a dry cloth on a regular basis.

- Unplug the power plug and clean it with a dry cloth.
- Failure to do so may result in electric shock or fire.

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.

This appliance must be properly grounded.

Do not ground the appliance to a gas pipe, plastic water pipe, or telephone line.

- This may result in electric shock, fire, an explosion, or problems with the product
- Never plug the power cord into a socket that is not grounded correctly and make sure that it is in accordance with local and national codes.

Do not install or keep the product exposed to the outdoor elements.

Do not use a damaged power plug, damaged power cord or loose wall socket.

- This may result in electric shock or fire.

If the plug (power supply cord) is damaged, it must be replaced by the manufacturer, its service agent or a similar qualified technician in order to avoid a hazard.

This appliance should be positioned to be accessible to the power plug after installation.

Do not pull or excessively bend the power cord.

Do not twist or tie the power cord.

Do not hook the power cord over a metal object, place a heavy object on the power cord, insert the power cord between objects, or push the power cord into the space behind the appliance.

- This may result in electric shock or fire.



Do not pull the power cord, when unplugging the power plug.

- Unplug the power plug by holding the plug.
- Failure to do so may result in electric shock or fire.

This appliance must be properly grounded. Never plug the power cord into a receptacle that is not grounded adequately and in accordance with local and national codes. See installation instructions for grounding this appliance.

Install this appliance in a location with solid, level floor.

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

Since an ingredient in hair spray may degrade the hydrophile property of the heat exchanger so that dew may appear on the outer surface of the appliance when the cooling operation is running, do not install the appliance in a beauty salon.

This appliance should be positioned so that the power plug, the water supply taps, and the drain pipes are accessible.

Following the repair by a non-authorized service provider, self-repair or non-professional repair of the product, Samsung is not liable for any damage to the product, any injury or any other product safety issue caused by any attempt to repair the product which does not carefully follow these repair and maintenance instructions. Any damage to the product caused by an attempt to repair the product by any person other than a Samsung certified service provider will not be covered by the warranty.

Critical usage warnings

WARNING

Do not let children or pets on or into the product. In addition, when disposing of this product, disassemble the door lock (lever).

- This may result in children falling and injuring themselves.
- If children become locked in the product, there is a danger of suffocation.

Do not try to access the inside of the product when the drum is rotating.

Do not sit on the product or lean against the door.

- This may result in the product turning over and resulting in injury.

Dry the laundry only after it was spun by an appropriate washing machine.

Do not dry unwashed items in the tumble dryer.

Do not drink the condensed water.

Never stop a tumble dryer before the end of the drying cycle unless all items are quickly removed and spread out so that the heat is dissipated.

Do not dry laundry contaminated by inflammable materials such as gasoline, kerosene, benzene, thinner, alcohol, etc.

- This may result in electric shock, fire or explosion.

Do not let pets chew or play with the dryer.

- This may result in electric shock or injury.

When disposing of the product, separate the door and the power cord before disposing of the product.

- Failing to do so may result in damage to the power cord or an injury.



Safety information

Do not touch the power plug with wet hands.

- This may result in electric shock.

When gas (city gas, propane gas, LP gas) leaks, do not touch this appliance or the power cord, ventilate immediately.

- Do not use an electric fan to ventilate.
- A spark may cause an explosion or fire.

Do not repair, replace, or attempt to service any part of the appliance unless specifically recommended in the user-repair instructions. You must also have the necessary skills to service this appliance.

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.
- When repairing or reinstalling the appliance is required, contact your nearest service center.
- Failure to do so may result in electric shock, fire, problems with the product, or injury.

The product you have purchased is designed for domestic use only.

The use for business purposes qualifies as product misuse. In this case, the product will not be covered by the standard warranty provided by Samsung and no responsibility can be attributed to Samsung for malfunctions or damages resulting from such misuse.

If the product generates strange noise, smells of something burning, or generates smoke, immediately cutoff the power and contact the service center.

- Otherwise, it may cause an electric shock or fire as a result.

Do not let children (or pets) play in or on your product. The product door does not open easily from the inside and children may be seriously injured if trapped inside.

Usage cautions

CAUTION

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 touch the glass door and inside of the drum during or just after drying as it is hot.

- This may result in burns.

The door glass becomes hot during drying. Therefore, do not touch the door glass.

Also, do not allow children to play around the dryer or touch the door glass.

- This may result in burns.

Do not press the buttons using sharp objects such as pins, knives, fingernails, etc.

- This may result in electric shock or injury.

Do not dry laundry containing forming rubber such as latex or similar rubber textures.

- If forming rubber is heated, it may deform or start a fire.



Do not dry laundry contaminated by vegetable oil or cooking oil as a large amount of the oil will not be removed when washing the laundry. In addition, use the unheated dry cycle so that the laundry is not heated.

- The oxidization heat of the oil may start a fire.

Do not dry laundry contaminated by foreign substances such as oil, cream, lotion, or other chemicals that are used in places such as skincare room, massage parlor, beauty salon, or hospital.

- This may result in electric shock, fire, malfunction, and injury.

Make sure that the pockets of all clothing to be dried are empty.

- Hard, sharp objects, such as coins, safety pins, nails, screws, or stones can cause extensive damage to the appliance.

Do not dry clothing with large buckles, buttons, or other heavy metal (zippers, hooks and eyelets, button-up covers).

If necessary, use the laundry net for small and lightweight laundry such as fabric tie belt, apron strings, and underwire bras which can dissolve or break during a cycle.

Dryer sheets are compatible with this model, and are recommended for better drying performance.

Dryer sheets are also beneficial in reducing the static electricity generated during a drying cycle. Static electricity could lead to damage of laundry items and potentially the appliance.

Do not use the dryer near dangerous powders such as coal dust, wheat flour, etc.

- This may result in electric shock, fire or an explosion.

Do not place inflammable materials near the product.

- This may result in toxic gases from the product, damage to parts, electric shock, fire or an explosion.
- The appliance should not be placed behind lockable doors etc.

Do not touch the rear side of the appliance during or immediately after drying is complete.

- The appliance remains hot and may cause burns.

Critical cleaning warnings

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 discoloration, deformation, damage, electric shock or fire.

Before cleaning or performing maintenance, unplug the appliance from the wall socket.

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

Clean the filter case before and after using the dryer.

Clean the inside of the product on a regular basis by asking an authorized service engineer.

Clean the Heat Exchanger with a soft brush or vacuum cleaner once a month, Do not touch the heat exchanger with your hand, there is a danger it may cause an injury.

The interior of the dryer should be cleaned periodically by qualified service personnel.



Safety information

Care for preventing freezing

- Install the dryer in an area where the temperature does not drop below zero degree Celsius.
- If draining directly using a long drain hose, the water remaining inside the hose can freeze in winter. Make sure there is no water left inside the hose after every use.
- If the drain hose has frozen up, wrap the hose with a towel soaked in warm water for approximately ten minutes to thaw it.

Instructions about the WEEE



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.

For information on Samsung's environmental commitments and product regulatory obligations, e.g. REACH, visit our sustainability page available via www.samsung.com

Product disposal in France



Points de collecte sur www.quefairedemesdechets.fr
Privilégiez la réparation ou le don de votre appareil !



Séparez les éléments avant de trier

Ecodesign

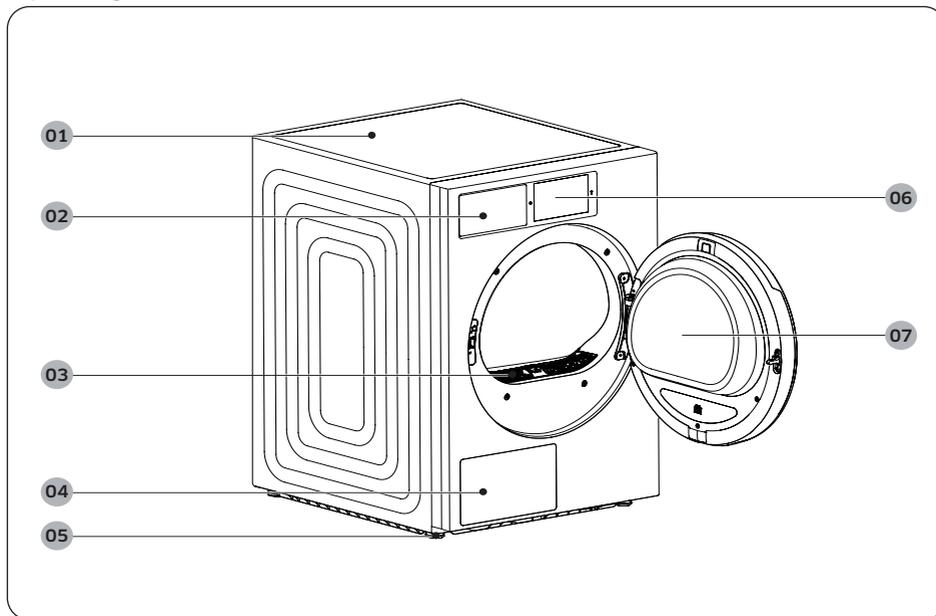
For detailed instructions on installation and cleaning of the washing machine and ecodesign information (according to (EU)2023/2533), visit the Samsung website (<http://www.samsung.com>), go to Support > Support home, and then enter the model name.

Installation

What's included

Carefully unpack the dryer. Keep all packaging materials away from children. The parts and location of parts shown below may differ from your dryer. Before installation, make sure the dryer has all the parts listed here. If the dryer and/or parts are damaged or missing, contact the nearest Samsung customer service center.

Dryer at a glance



01 Top cover

02 Water tank

03 Lint filter

04 Heat exchanger

05 Levelling leg

06 LCD panel

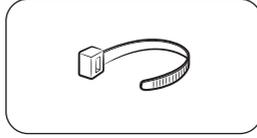
07 Door

Installation

Accessories (supplied)



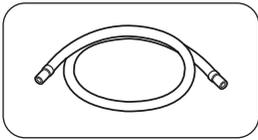
Hose guide



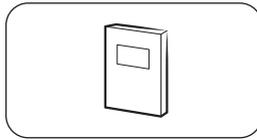
Cable tie



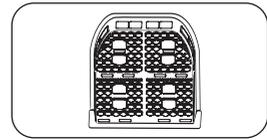
Hose connector



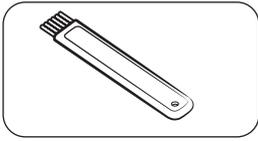
Long drain hose (2 m)



User manual



Drying rack (applicable models only)



Cleaning brush

NOTE

- The stacking kit allows the dryer to be stacked on top of a washing machine. Please note that the stacking kit can only be used with Samsung washing machine and dryers. To purchase a stacking kit above, contact a Samsung service centre or local appliance retailer. The stacking kit differs with the washing machine model.
- For stacking instructions with the dryer, see the installation manual included in the stacking kit.
- For information on which stacking kit model you can use to stack your dryer on the washing machine, see the user manual included in your Samsung washing machine.

Installation requirements

NOTE

This dryer must be installed by a qualified installer. If service is required due to poor or faulty installation, it is considered the owner's responsibility and may void the warranty. Keep these instructions for future reference.

WARNING

- Do not plug the power cord into a wall outlet before the dryer is completely installed.
- Have two or more persons help move the dryer.
- Do not let children or pets play in, on, or around the dryer. Proper supervision is necessary at all times.
- Keep all packaging materials away from children.
- Do not replace a damaged power cord or power plug yourself. Have Samsung or a qualified service technician replace a damaged power cord or power plug.
- Do not attempt to repair, disassemble, or modify the dryer. For any repairs, contact the nearest Samsung service center.
- Remove the door/lids from all discarded appliances to avoid children from suffocating.
- If the dryer generates a strange noise, burning smells, or smoke, unplug the power plug immediately and contact the nearest Samsung service center.
- Do not unplug the dryer while it is operating.
- Do not place flammable objects near the dryer.

Electrical and grounding requirements

- The dryer must be properly grounded. If the dryer malfunctions or breaks down, grounding reduces the risk of electric shock by providing a path of least resistance for the electric current. The dryer comes with a power cord that has a 3-prong grounding plug. The plug must be plugged into an appropriate outlet that is properly installed and grounded in accordance with all local codes and ordinances.
- If you have any questions regarding the electrical or grounding requirements, please contact Samsung or a qualified electrician.

WARNING

- Plug the power cord into a grounded, 3-prong outlet.
- Do not use a damaged power plug, cord, or loose or damaged wall outlet.
- Do not use an adapter or an extension cord.
- Improper connection of the equipment-grounding conductor may result in electric shock. If you are unsure if the dryer is properly grounded, check with a qualified electrician.
- Do not modify the power plug, power cord, or power outlet in any way.
- Do not connect the ground wire to plastic plumbing lines, gas lines, or hot water pipes.

Installation

Alcove or closet installation

For alcove or closet installation, the dryer requires the following minimum clearances:

Sides	Top	Front	Rear
25 mm	25 mm	490 mm	50 mm

If installing the dryer with a washing machine, the front of the alcove or closet must have an unobstructed air opening of at least 550 mm. Minimum size of installation space: 3.9m³

Step-by-step installation

Before you install your dryer, make sure you have read **Installation requirements** on page 15.

STEP 1 Select a location

Location requirements

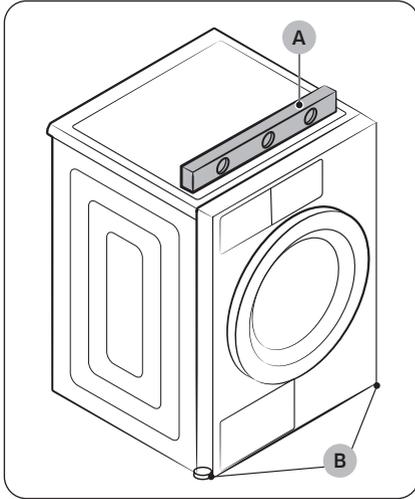
Select a level, well-constructed surface that will withstand vibrations. Select a location where a grounded, 3-prong outlet is easily accessible.

For convenience, consider installing the dryer next to your washing machine.

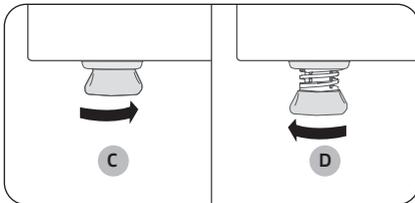
WARNING

- Install the dryer indoors only.
- Do not install the dryer in areas exposed to the weather.
- The ambient temperature for installation is 5~35°C.
 - If the ambient temperature is low enough to freeze the condensed water in the dryer and hoses, the dryer may not operate, or can be damaged.
 - Make sure that the temperature where the dryer is installed is not outside the recommended temperature range. Drying performance may be reduced.
 - Make sure not to install the dryer in an enclosed environment or near any heat producing appliances.
- Do not install the dryer where gas may leak.
- Do not use in a poorly ventilated space or area.
- Use only a power source connected to the wall.

STEP 2 Adjust the levelling feet



1. Gently slide the dryer into the desired location.
2. Use a **level (A)** and check the levelness of the dryer from side to side and front to back.
3. If the dryer is not level, turn the **levelling feet (B)** left or right to adjust the height.
4. Once the dryer is level, make sure the dryer stands firmly on the floor.
5. Plug in the dryer.

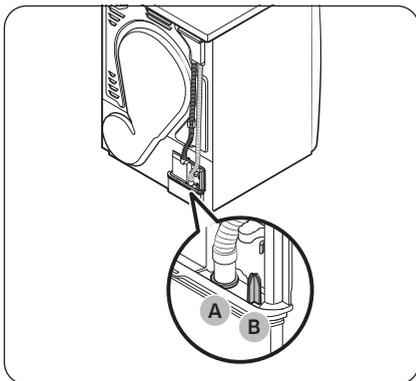


NOTE

- To set the dryer to the same height as the washing machine, turn the levelling feet to the right until it fully **retracts (C)**. Then, turn the levelling feet to the left to **extend (D)** it until the dryer and the washing machine are the same height.
- Extend the levelling leg only as much as necessary. Extending the levelling leg more than necessary can cause the dryer to vibrate.

Installation

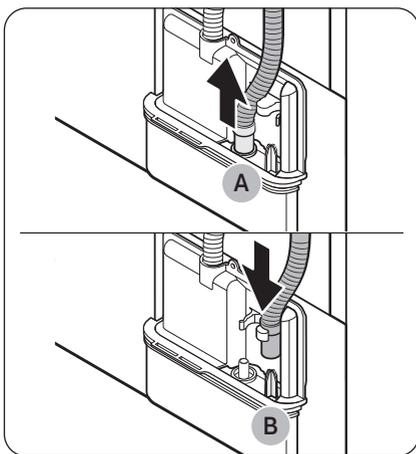
STEP 3 Connect the drain hose



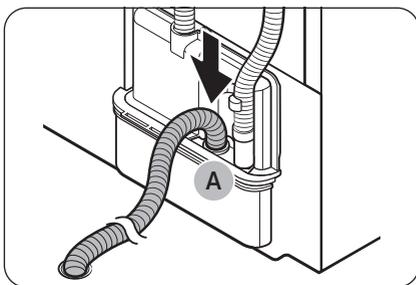
- We strongly recommend connecting the drain hose to your drainage system.
- If the drain hose connected on the dryer is too short to reach the drainage system, use the provided accessory hose (long drain hose).
- Use the built-in water tank only if you cannot connect the drain hose to a drainage system.

NOTE

As a factory default, this dryer is set to use the built-in water tank to drain condensed water.

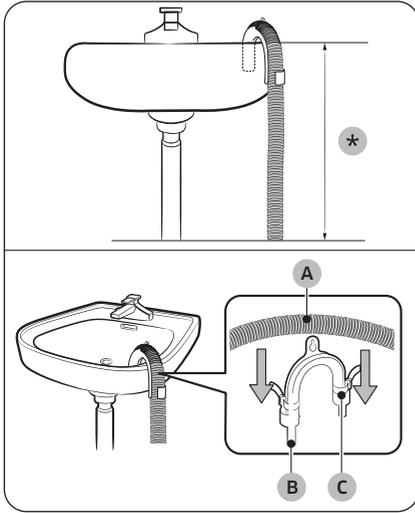


1. Remove the drain hose from **hole (A)**, and insert it into **part (B)**.



2. Insert one end of the accessory hose (long drain hose) into **hole (A)**.
3. Insert the other end (outlet) of the accessory hose to the drainage system in one of the following ways:

Over a wash basin:

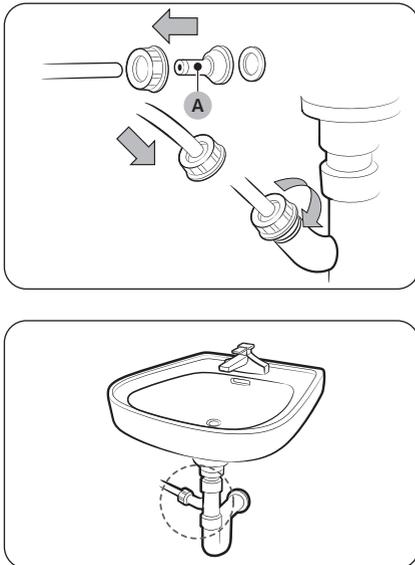


1. Make sure to place the end of the accessory hose lower than **90 cm (*)** from the bottom of dryer.
2. To bend some point of the accessory hose, use the supplied plastic **hose guide (B)** and secure the guide to the wall with a hook or to the tap with a piece of string. Assemble the **drain hose (A)** and the **hose guide (B)** and fix them with the **cable-tie (C)**.
3. You can drain the condensed water by connecting the accessory hose (long drain hose) to the drainoutlet directly.

⚠ CAUTION

Do not extend the drain hose. Water may leak from the connected area. Use a long drain hose.

By using the drain pipe of the wash basin:



1. Assemble the **hose connector (A)**, and attach it to the end of the accessory hose as shown.

⚠ CAUTION

To prevent water leak, make sure to connect the hose and the connector firmly.

2. Connect the hose adapter directly to the drain pipe of the wash basin.

Installation

STEP 4 Check the installation

- All packaging material is completely removed and properly disposed.
- The dryer is level and standing firmly on the floor.
- Make sure no accessory remains inside the drum.
- Do not block the air inlet hole of the cooling grill at the front of the dryer.
- Do not place inflammable objects near the dryer and keep the surroundings clean.
- Do not remove the adjustable levelling legs of the dryer. They are necessary to keep the dryer level with the ground.
- After installation, we recommend that you wait at least 1 hour before using the dryer.

STEP 5 Power on

Plug the power cord into a wall socket protected by a fuse or circuit breaker. Then, tap  to turn on the dryer.

NOTE

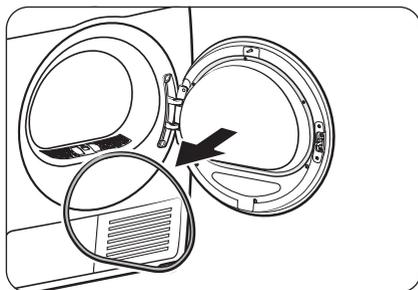
Run the Time Dry cycle for 20 minutes to make sure that it runs, heats, and shuts off. If the **HC** information code is displayed, contact a local service center.

Door reversal (applicable models only)

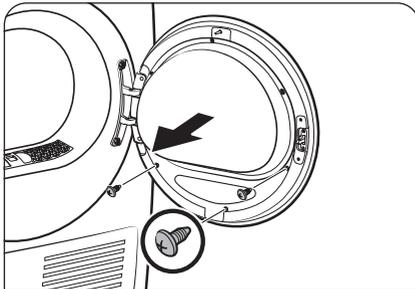
You might want to reverse the direction of the door, depending on your site conditions or to your needs.

WARNING

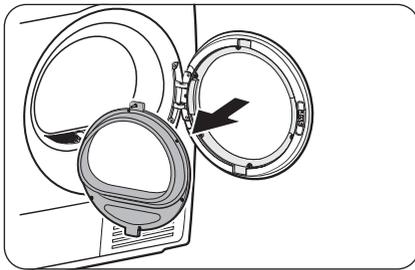
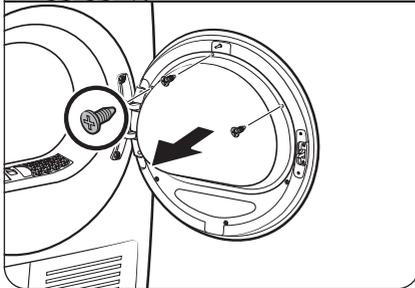
Make sure door reversal is performed by a qualified technician.



1. Remove the door packing from the door.



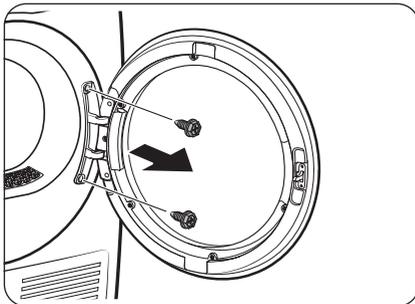
2. Remove the screws on the inner glass holder of the door.
 - First, loosen and remove the 3 screws on the bottom. Then, loosen and remove the 3 screws on the top of the holder.



3. Detach the glass holder.

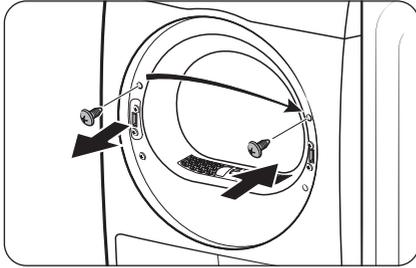
⚠ CAUTION

Use caution not to drop any part of the holder when detaching it. Property damage (cracks or breaks) or physical injury may occur.

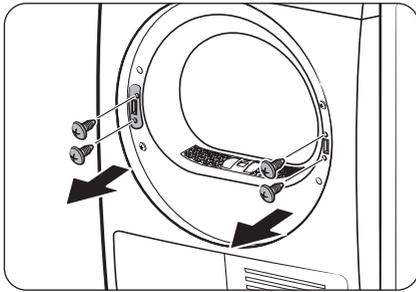


4. Remove the hinge screws, and then detach the door.
 - Loosen and remove the 2 bolts on the door frame.
 - To prevent abrasion on the bolts, use a hex screwdriver.

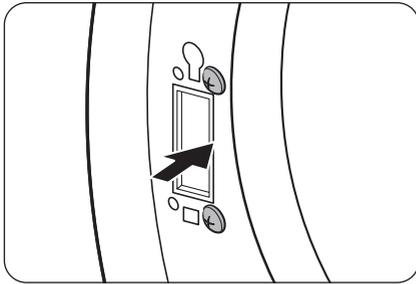
Installation



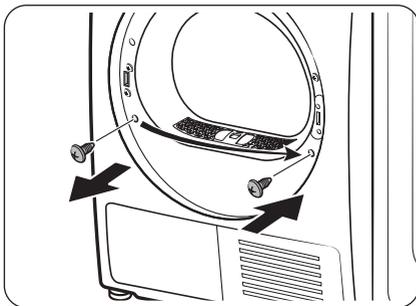
5. Remove the upper screw on the left of the door frame, and then insert it in the corresponding right hole of the door frame. Do not remove the lower bracket screws.



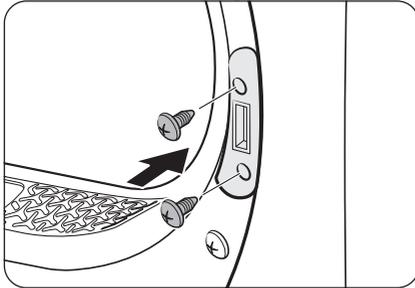
6. Remove the 2 bracket screws on the right frame, and then remove the 2 holder screws on the left frame.



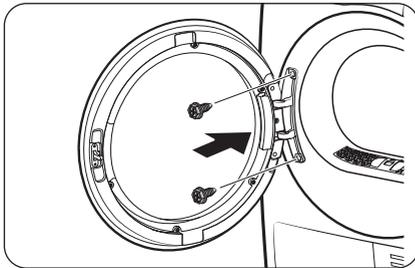
7. Insert the 2 removed bracket screws in the left frame as shown.
- See the figure on the right for the correct position of the screws.



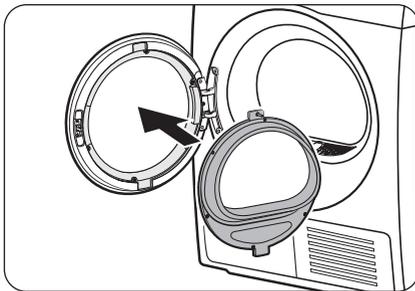
8. Remove the bottom screw on the left frame, and then insert it in the corresponding hole on the right frame.



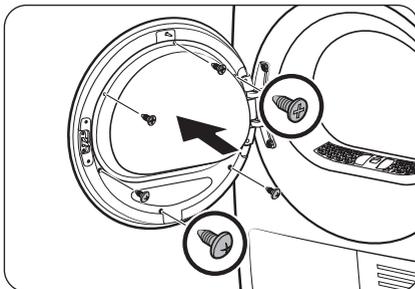
9. Insert the lever holder on the right frame, and then tighten the 2 holder screws.



10. Insert the door hinge in the opposite position of the door frame, and then, tighten the 2 bolt screws.

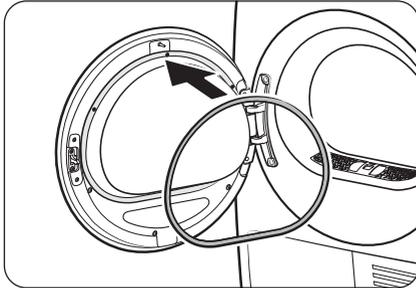


11. Insert the inner glass holder in the door cover that has been installed on the left frame.



12. Tighten the 3 holder screws on the top. Then, tighten the 3 holder screws on the bottom.

Installation



13. Attach the door packing to the door.

NOTE

To return the door to the initial position, follow the steps again. Please note that the door, hinges, and other parts would be in the opposite orientation as listed in these steps.

Environment

Please dispose of the packaging materials for this product in an “environmentally friendly” manner. For further detail, please contact your local area authority.

Before you start

Initial setup

- When you turn on the Dryer for the first time, the screen shows the initial setup process. Follow the on-screen instructions to complete it.
- Once you select a language, the language selection screen will not reappear. However, you must complete a dry cycle once to stop the tutorial screen from reappearing.
 - You can change the language from the Settings menu. On the Home screen, tap **Settings** > **General** > **Language** to change the language.
- The initial setup includes language selection and a brief tutorial.
- Tap **OK** to skip to the next screen.

Run Calibration (recommended)

Calibration ensures accurate weight detection by the Dryer. Make sure the drum is empty before running calibration.

1. Tap  to turn the power on.
2. Tap  > **Dryer** > **Calibration**.
3. Tap **Start Calibration** to start the calibration.

Drying guidelines

STEP 1 Sort

- Do not mix heavy and lightweight items together.
- Wash and dry dark-colored items separately from light-colored items.
- Unless recommended on the care label, do not dry woolens or fiberglass items.
- Do not dry items soiled with oil, alcohol, gasoline, etc.
- Avoid drying unwashed items
- Do not dry wet items that have not been fully spin-dried after washing. This could cause an odor inside the dryer or cause the dryer to malfunction.
- Using a laundry net is recommended for baby socks and other small, light items.

STEP 2 Empty pockets and turn them inside out

- Turn dark-colored clothes inside out before drying them. This will prevent fabric damage due to friction during the drying process and protect internal parts of the dryer from discoloration and damage.
- Turn the items with buttons or embroideries inside out before drying them.

CAUTION

- Empty the pockets. Metallic objects such as coins, pins, and buckles on clothing may damage other laundry items as well as the drum.
- Remove any metallic objects attached to items, pull up zippers, and latch hooks before drying. Metallic objects attached to items may damage other items as well as the drum.

Before you start

STEP 3 Check the lint filter

Ensure that the lint filter is installed correctly before putting items in the dryer. The dryer does not work without the lint filter.

- Always clean the lint filter before drying. For more information on filter cleaning, see the “**Lint filter**” section on page **43**

STEP 4 Determine the load capacity

Do not overload the dryer. Overloading reduces the tumbling action, resulting in uneven drying and wrinkling.

- Put one wash load in the dryer at a time.
- To improve drying efficiency for one or two items, add a dry towel to the load.
- For best results, untangle items before inserting them into the dryer. Tangled items may degrade the drying efficiency or cause the door to open.

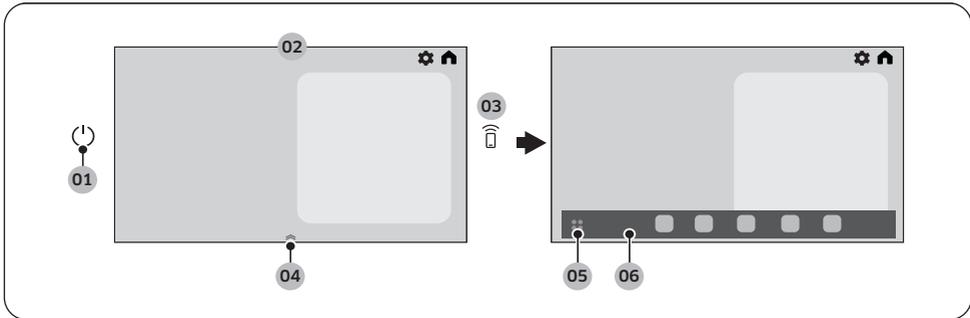
CAUTION

Add or remove items into or from the dryer with the lint filter installed. If the filter is not in place, small items can fall into the filter slot and cause the dryer to malfunction.

STEP 5 After finishing the drying

- Empty the water tank to prevent leaks. For more information on emptying the water tank, see the “**Emptying the water tank**” section on page **41**.
- If the “**Clean heat exchanger**” message appears on the display, refer to the “**Heat exchanger**” section on page **46** and clean the heat exchanger.
- Keep the dryer door and the heat exchanger cover open after finishing the drying to keep the inside of the dryer more hygienic.

LCD panel



01 Power 	Tap to turn the Dryer on or off.
02 Display	The display shows current cycle information and estimated time remaining, or an information message when a problem occurs.
03 Smart Control 	Tap to activate or deactivate the Smart Control function. Touch and hold to enter pairing mode to connect to the SmartThings app. <ul style="list-style-type: none"> When the Smart Control function is activated, you can control your Dryer remotely using the SmartThings app on your smartphone or tablet (Android or iOS).
04 App dock handler	Drag the App dock handler upward to open the App dock. <ul style="list-style-type: none"> The App dock handler only appears on the Home screen.
05 App tray button	Tap to view all available apps. <ul style="list-style-type: none"> App drawer: Tap App tray to open App drawer.
06 App dock	App dock displays the icons to allow easier access to the frequently used apps. <ul style="list-style-type: none"> Maximum five icons are displayed in the App dock and they are editable.

Operations

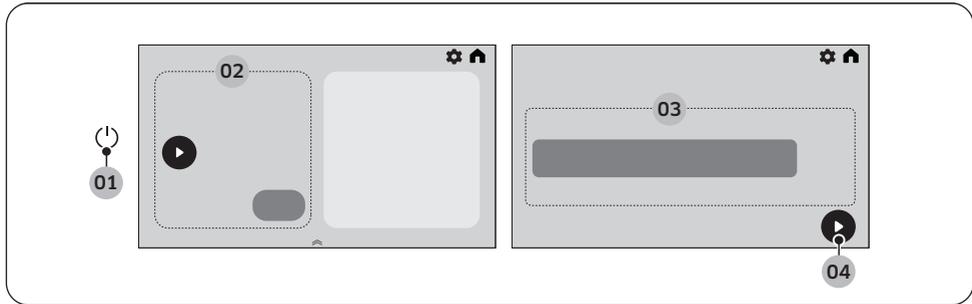
Display icon descriptions

	Home	Tap to go to the Home screen.
	Settings	Tap to enter the Settings menu. <ul style="list-style-type: none">For more information on Settings, see page 32.
	Wi-Fi	<ul style="list-style-type: none">This icon indicates that the dryer is connected to Wi-Fi.
	Microphone	<ul style="list-style-type: none">This icon indicates that the microphone is on.
	Lock	<ul style="list-style-type: none">This icon indicates that Lock is on.
	Smart Control	<ul style="list-style-type: none">This icon indicates that the Smart Control is on.
	Start	You can start the operation.
	Pause	You can pause the operation. <ul style="list-style-type: none">During the operation, tap the button to pause.
	Drum Light	Press to turn on or off the interior lamp. The lamp stays lit for 2 minutes after it has turned on, and then turns off automatically.
	Accessibility	<ul style="list-style-type: none">This icon indicates that the Voice guide function is on.You can use the Voice guide function when this icon display.

NOTE

Turning on Wi-Fi consumes more energy. Under an environment where Wi-Fi is frequently turned on, actual energy consumption can be greater than the values in the specification sheet section.

Operating a cycle



Simple steps to start

1. Tap  to turn on the dryer.
2. Select the desired cycle.
 - For more information on **Cycle overview**, see page 30.
 - To change the cycle, tap **More cycles**, and then select the desired cycle.
3. Change the default cycle options.
 - Tap **Dryness**, **Quick Drive**, **Wrinkle Prevent** or **Damp Alert** to change the default cycle settings.
 - Not all cycles have additional functions available.
4. Tap  to start the operation.
 - Once you set the cycle you want, the screen displays brief cycle descriptions and remaining cycle time.

Operations

Cycle overview

NOTE

Other cycles can be used after adding them to your cycle list using the My Cycles function. For more information, see the “My Cycles” section on page 35.

Cycle	Description	Max load (kg)
 Eco Cotton or Eco Cotton	<ul style="list-style-type: none">The eco programme is suitable to dry wet cotton laundry, and that this programme is used to assess the compliance with the EU ecodesign legislation.The eco programme is the most efficient programme in terms of energy consumption for drying wet cotton laundry.	Max.
AI Dry ⁺	<ul style="list-style-type: none">Dries with cycle settings optimized by AI Dry technology according to the load and humidity of clothes.Must check the clothing care label before using the AI Dry⁺ cycle.	Max.
Synthetics	<ul style="list-style-type: none">For blouses, and shirts that are made of polyester (Diolen, Trevira), polyamide (Perlon, nylon), or other similar blends.	4.0
Iron Dry	<ul style="list-style-type: none">This cycle finishes the drying process in a moist state, which facilitates ironing.	Max.
Super Speed	<ul style="list-style-type: none">For mixed loads consisting of cotton and synthetic fabrics.	5.0
Silent Dry	<ul style="list-style-type: none">For mixed loads of cotton and synthetic fabrics that you want to dry silently.	Max.
Air Refresh	<ul style="list-style-type: none">Use this cycle to disinfect clothes and make them feel fresher and cleaner.	1.0
Hygiene Care	<ul style="list-style-type: none">For sanitizing wet and dry clothes and linen fabric to eliminate bacteria.	4.0 (wet) 2.0 (dry)
Bedding	<ul style="list-style-type: none">For bulky items such as blankets, sheets, comforters, and light duvets.	2.0
Wool	<ul style="list-style-type: none">For machine washable and tumble dryable wool only.For best results, turn laundry inside out before drying.	1.0
Towels	<ul style="list-style-type: none">Use to dry loads such as bath towels.	4.0
Delicates	<ul style="list-style-type: none">For the delicate items to be handled with care such as lingerie.	2.0

Cycle	Description	Max load (kg)
Outdoor	<ul style="list-style-type: none"> For spandex and microfiber fabrics. It is recommended to use this cycle after you have washed your laundry using the Outdoor with your washing machine. If the outdoor clothing is not completely dry, turn it over with the wet part facing out, and then select the scheduled drying program for additional drying. 	2.0
Shirts	<ul style="list-style-type: none"> Use to quickly dry one item such as a shirt. 	1.0
Time Dry	<ul style="list-style-type: none"> Use to set a desired dry time. <ul style="list-style-type: none"> Scroll through the screen to select the Time Dry. You can set the cycle time from 20 minutes to 240 minutes.  NOTE The actual cycle time may differ depending on the dryness of items. 	-
Cool Air	<ul style="list-style-type: none"> All types of fabric. For freshening up or airing items of laundry that have not been worn for long. 	-
Warm Air	<ul style="list-style-type: none"> Pre-dry your clothes to speed up the time it takes for them to dry outside. 	-
Self Dry	<ul style="list-style-type: none"> Use this cycle to keep the drum fresh. Do not use this cycle while there is any laundry stored in the drum. 	-
Quick Dry 35'	<ul style="list-style-type: none"> For drying light cotton synthetics or items that needs quick drying. The default dry time is 35 minutes. 	1.0

 **NOTE**

Loading the dryer up to the maximum load indicated in this section for each cycle will contribute to energy saving.

Operations

Settings

Using Settings

1. Tap .
2. Tap **General** or **Dryer**.
3. Scroll through the screen to select the desired menu.
4. Change the settings or start the function.

NOTE

- To return to the Home screen, tap  on the top left corner, or  on the top right corner of the screen.

Settings menu description

General

Options	Descriptions
Samsung Account	You can log in to your Samsung account or create a new Samsung account.
Connections	<p>You can turn the Wi-Fi on or off. You can also start the Smart Control function.</p> <ul style="list-style-type: none">• Wi-Fi: Tap to turn on or off the Wi-Fi.<ul style="list-style-type: none">- The Dryer's Wi-Fi is off as a factory default setting. However, the Dryer's Wi-Fi turns on automatically when you turn on the Dryer for the first time. Then, the final Wi-Fi setting is maintained regardless of the Dryer power status.- Once you turn on the Dryer's Wi-Fi and connect to a network, the Dryer remains connected to the network even when you turn off the power.- The Wi-Fi  indicates that the Dryer is connected to the router through the Wi-Fi connection.• Easy Connection: You can easily install the SmartThings app using the displayed QR code on the screen.<ul style="list-style-type: none">- You can connect to the SmartThings app and control your Dryer remotely.• Bluetooth: You need to turn on the Bluetooth function of your phone, scan and pair. Once the devices are paired successfully, you can make calls or play music.
Lock	<p>You can lock the control panel of the Dryer to prevent children or infants from accidentally starting or setting the Dryer.</p> <ul style="list-style-type: none">• When Lock is enabled, the touch screen becomes locked for safety.• You can Lock in any selected cycle.• Press and hold the Unlock button for 3 seconds to unlock.

Options	Descriptions
Sounds	<p>You can set the Sound mode, Sound theme, Volume, and Voice style.</p> <ul style="list-style-type: none"> • Sound mode: You can set the desired Sound mode from Voice, Tone, and Mute. <ul style="list-style-type: none"> - If you set the Sound mode to Mute, the alert sound will not be turned off for safety purposes. • Sound theme: You can select the desired Sound theme. Tap a theme once to preview the sound. • Volume: You can adjust the volume for system and media sounds. <ul style="list-style-type: none"> - Sound mode will automatically change to Voice if you adjust the volume while the Sound mode is set to Mute. • Voice style: You can select the desired Voice style. Tap a style once to preview the sound.
Home device notifications	You can turn on or off the notifications for your home devices registered on the SmartThings app.
Display	You can set the Brightness and Font size.
Avatar	You can learn device tutorials, receive various notifications and access more services by interacting with the Avatar of your choice.
Bixby	<p>You can set the Voice wake-up and Sound feedback options.</p> <p> NOTE</p> <ul style="list-style-type: none"> • The microphone for voice recognition is built into the dryer worktop. <ul style="list-style-type: none"> - The best way to use the voice recognition function is to stand within 3 feet (1 meter) of the Dryer, reduce any background noise, and speak loudly and clearly at a steady pace toward the builtin microphone. • The voice recognition function may not work if you stand more than 3 feet (1 meter) away or if you speak too softly.
Microphone	You can enable or disable the use of the microphone.
App lock	You can enable or disable app locking. When enabled, the selected App will not be available.
Language	You can change the system language.
Date and time	You can set the time and date automatically or manually and set the desired time format.

Operations

Options	Descriptions
Accessibility	<p>You can set the Voice guide and Visibility enhancements settings.</p> <ul style="list-style-type: none"> • Voice guide: Enable this feature to receive voice feedback from your Dryer. <ul style="list-style-type: none"> - Once the Voice guide is turned on, it will remain on even if you restart the device. You can pause it using the Accessibility button in the upper left corner of the home screen, or stop it completely by pressing the Off button shown below. If you need to turn off the Voice guide icon, turn off the Voice guide function in the Settings. - How to use: You can switch items by swiping the screen left and right. After hearing the voice broadcast reminder of the item, double-click the screen to activate the item. • Visibility enhancements: You can change the High contrast and Text size settings to enhance the visibility.
Software update	<p>You can download and install the latest version of the software. Download begins automatically when the Dryer is connected to Wi-Fi.</p>
Support	<p>You can check the user guide or start the remote support service.</p> <ul style="list-style-type: none"> • Get remote support for all your needs related to your appliance.
Reset	<p>You can reset network settings or reset all settings.</p> <ul style="list-style-type: none"> • Reset network settings: <ul style="list-style-type: none"> - This will reset the Wi-Fi and SmartThings connection settings. • Reset all settings: <ul style="list-style-type: none"> - This will reset all the settings, including network settings and personal data. - Your Dryer resets to the factory setting. • Restart: <ul style="list-style-type: none"> - Restart the device.
About device	<p>You can check the information of the Dryer such as Status and Legal information.</p>

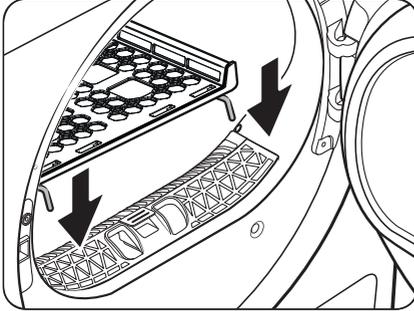
Dryer

Options	Descriptions
Drum light	<p>You can turn on or off the lights inside.</p> <ul style="list-style-type: none">• This turns on the light inside the drum so you can check the status of the items inside.• The drum light turns on even when the dryer is off. (If the dryer is plugged into a power outlet.)• When the dryer door opens, the drum light automatically turns on and automatically turns off after 2 minutes
AI pattern	<p>This function saves frequently used cycles and settings. When you turn the function on, the Dryer remembers the cycles you use most and their settings.</p> <ul style="list-style-type: none">• The default setting is On. Set it to Off if you do not want to use this function.• When you turn off the function, all the saved data resets.
My cycles	<p>Add or remove cycles to create a personal cycle list.</p> <ul style="list-style-type: none">• You can only edit the cycle list when the Dryer is not operating. <p> NOTE</p> <ul style="list-style-type: none">• The  Eco Cotton or Eco Cotton, Synthetics, Iron Dry and Self Dry cycle cannot be removed from the list of cycles.• You can also edit My cycles in the SmartThings app.
Calibration	<p>You can run calibration again for accurate weight detection.</p> <ul style="list-style-type: none">• To perform calibration, make sure there is no laundry in the dryer and the door is closed.• Calibration does not start if the door is not closed properly.

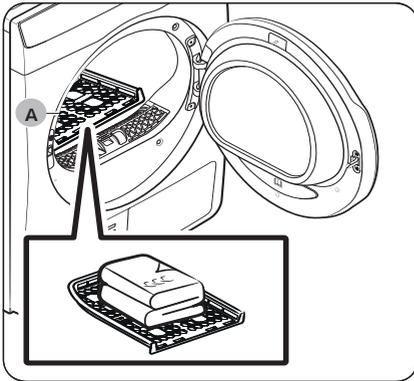
Operations

Using the drying rack (applicable models only)

Set the drying time up to 150 minutes according to the moisture and weight of the items to dry. When drying laundry using the drying rack, the Time Dry cycle is recommended.



1. Position the drying rack in the drum, inserting the front lips of the rack into the holes of the door diaphragm.



2. Place items on the rack, leaving enough space where air can circulate. For clothing items, fold and place flat on the rack.
3. Close the door and tap . Scroll to select **Time Dry**.
4. Tap to start the operation.

A. Drying rack

Drying suggestions

Items (max 1.5 kg)	Description
Washable sweaters (block to shape and lay flat on rack)	When drying the laundry using the rack, fold and place the clothes on the rack to prevent the clothing from becoming wrinkled.
Stuffed toys (cotton or polyester fiber filled)	

CAUTION

- Drying foam rubber, plastic, or rubber on a heat setting may cause damage to the items and lead to a fire hazard.
- Products with adhesive may be detached or damaged by the heat of the dryer.

Special features

Smart Control

You can connect to the SmartThings app and control your dryer remotely.

Connecting your dryer

- Download and open the SmartThings app on your mobile device
- Tap  to turn on the dryer.
- Tap  > **General** > **Connections** > **Easy Connection**, scan the QR code to connect.

NOTE

- If your dryer fails to connect with the SmartThings app, try again.
- Check your router if you experience any Internet connection problem after connecting your dryer with the SmartThings app.
- If the Wi-Fi is off, tap  > **General** > **Connections** > **Wi-Fi**, and then turn the Wi-Fi on.
- Turning the dryer's Wi-Fi on allows you connect to the dryer via SmartThings app on your smartphone or tablet regardless of the power status of the dryer. However, the dryer appears offline on the SmartThings app if the dryer's Wi-Fi is off.
- Close the door before starting the Smart Control function.

Stay Connect

Set up the Stay Connect function in your SmartThings app. Your dryer stays connected to the app so you can use the dryer when you are away from home.

1. If you turn on the Stay Connect function on the SmartThings app, the dryer will stay connect after completing a cycle.
 - The Stay Connect function will remain active for up to 24 hours if the door remains closed.
2. When the Stay Connect function is active, the Smart Control, Door Lock, and Wi-Fi icons are illuminated on your dryer display.
3. Conveniently control your dryer using the SmartThings app.

NOTE

- In some circumstances, only the Door Lock icon may be illuminated.

Operations

SmartThings

Wi-Fi connection

On your smartphone or tablet, go to **Settings** and turn on the wireless connection and select an AP (Access Point).

- This appliance supports the Wi-Fi 2.4 GHz and 5 GHz protocols.

Download

On an app market (Google Play Store, Apple App Store, Samsung Galaxy Apps), find the SmartThings app with a search term of “SmartThings”. Download and install the app on your device.

NOTE

The app is subject to change without notice for improved performance.

In addition, the further updates on app or the function in the app may stop due to usability and security reasons, even if updates are currently supported on your OS.

Log in

You must first log into SmartThings with your Samsung account. To create a new Samsung account, follow the instructions on the app. You don't need a separate app to create your account.

NOTE

If you have a Samsung account, use the account to log in. A registered Samsung smartphone or tablet user automatically logs in.

To register your appliance to SmartThings

1. Make sure your smartphone or tablet is connected to a wireless network. If not, go to **Settings** and turn on the wireless connection and select an AP (Access Point).
2. Open **SmartThings** on your smartphone or tablet.
3. If a message of “**A new device is found.**”, select **Add**.
4. If no message appears, select **+** and select your appliance in a list of devices available. If your appliance is not listed, select **Device Type** > **Specific Device Model**, and then add your appliance manually.
5. Register your appliance to the SmartThings app as follows.
 - a. Add your appliance to SmartThings. Make sure your appliance is connected to SmartThings.
 - b. When registration is complete, your appliance appears on your smartphone or tablet.

NOTE

- Due to different product development periods, the APP names will be different. Samsung SmartThings, SmartThings, Samsung Connect, Samsung Smart Home, and Samsung Smart Connect have the same meaning.
- The product will be inconsistent with the APP interface and the manual due to functional iterations. Please refer to the actual APP interface.

Open Source Announcement

The software included in this product contains open source software. You may obtain the complete corresponding source code for a period of three years after the last shipment of this product by contacting our support team via <http://opensource.samsung.com> (Please use the "Inquiry" menu.)

It is also possible to obtain the complete corresponding source code in a physical medium such as a CD-ROM; a minimal charge will be required.

The following URL http://opensource.samsung.com/opensource/SMART_AT_051/seq/0 leads to the open source license information as related to this product. This offer is valid to anyone in receipt of this information.



NOTE

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.

RF max transmitter power:

Wi-Fi	
Frequency range	Transmitter power (Max)
2412 - 2472 MHz	20 dBm
5120 - 5250 MHz	23 dBm
5250 - 5350 MHz	20 dBm
5470 - 5725 MHz	20 dBm
Bluetooth	
2402 - 2480 MHz	20 dBm

The 5 GHz WLAN function of this equipment may only be operated indoors. This equipment may beoperated in all EU countries.

Maintenance

Keep the Dryer clean to prevent deteriorated performance and to preserve its life cycle.

Product Care

The Product Care screen offers maintenance tips to keep your Dryer clean and prolong the product life cycle.

1. On the Home screen tap **Product Care** to move to the Product Care screen.
2. Tap **Clean now** or **Learn how to clean** under the desired option to start the care cycle.

Self Dry

Certain usage and environmental conditions may result in some residue build-up or odor in the drum. To prevent this build-up or odor and keep the drum fresh and clean, it is recommended to run the cycle regularly.

- If you leave the door open after the **Self Dry** cycle is completed, it helps maintain hygiene inside the Dryer.
- It is recommended to run the cycle regularly for hygienic purposes.

CAUTION

Make sure to empty the drum before using this cycle.

Heat exchanger

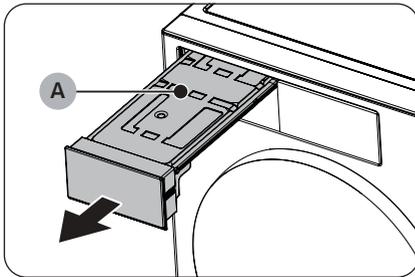
- When it is time to clean the heat exchanger, you can tap **Learn how to clean** to clean the heat exchanger.
- Clean the heat exchanger after every 25 uses of the dryer. A dirty heat exchanger will hinder the product's performance and should be cleaned regularly.

NOTE

3. If the "**Clean heat exchanger**" message appears on the display, clean the heat exchanger. (Refer to the "**Heat exchanger**" section on page **46**.)

Emptying the water tank

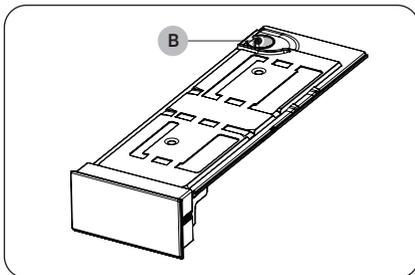
Empty the water tank after each use to prevent leaks.



1. Gently press the **water tank (A)** and remove the tank from the dryer.
 - Pull the water tank handle with one hand until the tank is halfway out.
 - Once the water tank is halfway out, support the bottom of the tank with the other hand and pull it slowly with both hands.

⚠ CAUTION

- The water tank is heavy. Slowly remove the water tank using both hands while keeping the tank at a level.
- Be careful when removing the full water tank. It is very heavy and can cause injury if you drop it.



2. Empty the water through the **drain hole (B)**, and then clean inside the water tank.
 - Mix some neutral detergent in lukewarm water. Fill the water tank with the mixture through the **drain hole (B)** and leave it for 30 minutes. Then, rinse the tank with clean water and completely dry it.
3. Place the water tank back into place.

📖 NOTE

If the dryer displays the “**Empty the tank**” message and stops while drying is in progress, empty the water tank. The “**Empty the tank**” message will disappear, and the dryer will resume drying.

Maintenance

Cleaning

WARNING

- Do not clean the dryer by directly spraying water onto the dryer.
- Do not clean the dryer with benzene, thinner, alcohol, or acetone. This may cause discoloration, deformation, damage, electric shock, or fire.
- Before cleaning the dryer, be sure to unplug the power cord.

Exterior

Clean with a soft, damp cloth. Do not use abrasive cleaners. Avoid using or placing sharp or heavy objects near/on the dryer. Keep detergent and laundry supplies on the pedestal (sold separately) or in a separate storage container.

LCD panel

Clean with a soft, damp cloth. Do not use abrasive cleaners. Do not spray cleaners directly on the panel. Immediately wipe up any spills or liquids from the panel.

Drum

Clean with a damp cloth with a mild, non-abrasive cleaner suitable for stainless steel. Wipe remaining residue with a clean, dry cloth.

Door

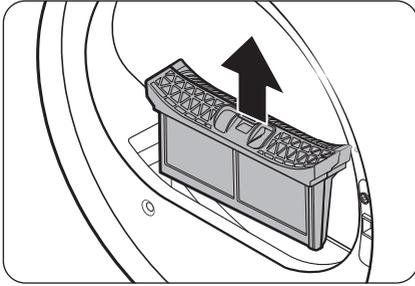
Foreign substances can contaminate or build up on the inside of the door. Clean the inside of the door using a soft piece of cloth or brush.

CAUTION

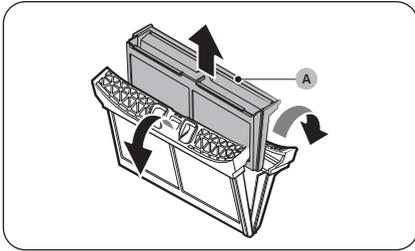
Do not detach the door's rubber sealing.

Lint filter

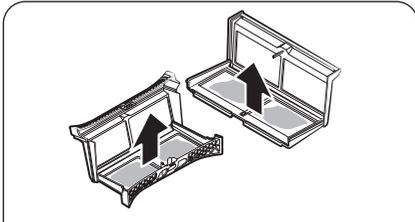
Clean the lint filter after each use.



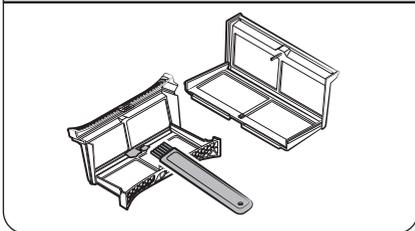
1. Open the dryer door, grab the top of the lint filter, and pull to remove the filter.
 - Do not detach the rubber sealing after removing the filter.



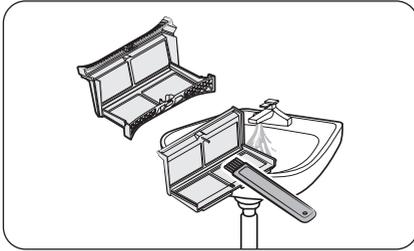
2. Open the outer filter and remove the **inner filter (A)**.



3. Spread open the outer filter and the inner filter.
4. Remove the lint from both filters, and then clean the filters with the cleaning brush.

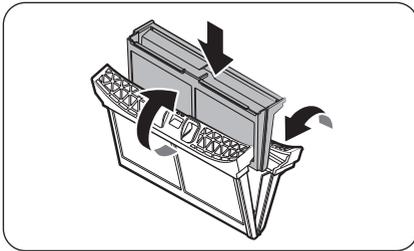


Maintenance



NOTE

- To clean the filters thoroughly, clean the filters with the vacuum cleaner, applying the soft brush.
- Lint collected in the filters may contain microplastic particles, depending on the type of laundry cleaned. Therefore, the lint from the filters should normally not be washed through the drain in order to avoid spreading microplastics in the used water system. A lot of lint that is not easily visible can remain trapped in the filter mesh even after using a vacuum cleaner, and it can degrade drying performance. In this case, rinse the filter under water to remove any remaining lint in order to maintain drying performance. Afterwards, the filter needs to be dried completely.

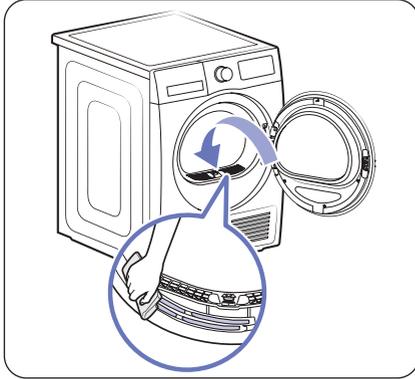


5. Put the inner filter into the outer filter, and then reinsert the lint filter into the original position.

CAUTION

- Clean the lint filter after each load. Otherwise, the drying performance may decrease.
- If the filter surface is wet, allow it to completely dry before use.
 - Inserting the filter while it is wet can cause mold and/or odor to form and/or result in less drying.
- When cleaning or removing the lint filter, do not shake or tap on the filter. Doing so can damage the filter.
- Opening the outer and inner filters carelessly and with excessive force can damage the filters.

Cleaning the Humidity Sensor



- The humidity sensor detects the dryness of the laundry and adjusts the drying time.
- To ensure proper drying, be sure to periodically clean the sensor surface inside the laundry inlet to prevent foreign substances from accumulating.

NOTE

If the sensor is contaminated with foreign substances, the laundry may be recognized as wet, which may increase the drying time.

Heat exchanger

When it is time to clean the heat exchanger, the dryer will alert you by displaying the “**Clean heat exchanger**” message.

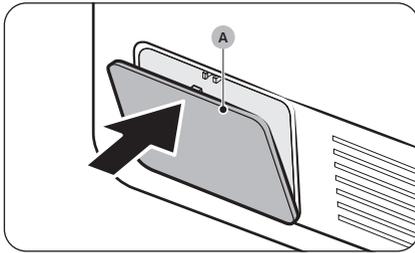
A dirty heat exchanger will hinder the product’s performance and should be cleaned regularly.

Clean the heat exchanger once a month with a soft brush or vacuum cleaner. Do not touch the heat exchanger with bare hands as it may cause injury.

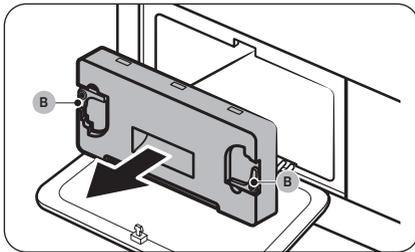
NOTE

- Water droplets can form around the heat exchanger due to condensation caused by a temperature difference. This is normal and is not a sign of a leak.
- If you are not planning on using the dryer for a long period of time, open the heat exchanger cover and ventilate.

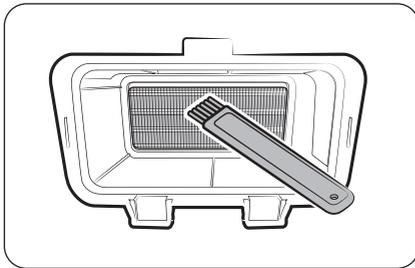
Maintenance



1. Gently press the top part of the **outer cover (A)** to open.



2. Unlock the inner cover **fixers (B)**, and then pull the inner cover to remove.



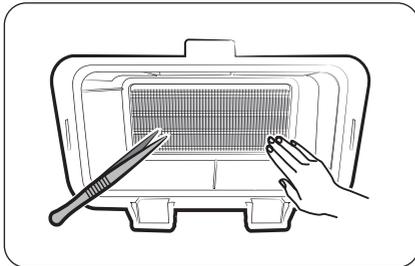
3. Clean the dust on the heat exchanger using the provided brush.
 - After cleaning with the brush, wipe off the remaining dust using a smooth, damp cloth.

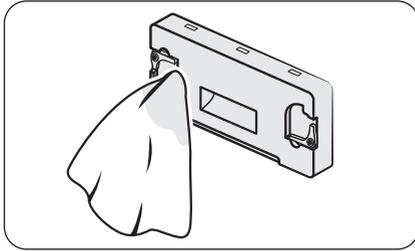
⚠ CAUTION

- To avoid physical injury and burns, do not touch or clean the heat exchanger with bare hands and steel tools.
- When cleaning the heat exchanger, be careful not to damage the fins.

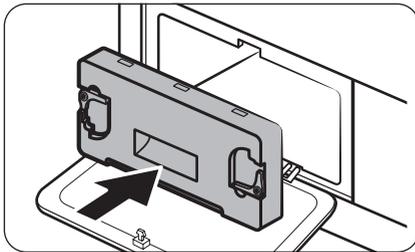
📖 NOTE

If the heat exchanger is completely dry and therefore hard to clean, spray some water on the heat exchanger and clean using a brush.





4. Clean the inner cover with a smooth, damp cloth.
 - There may be moisture and/or foreign substances around the inner cover.



5. Reinsert the inner cover to its original position, and then lock the fixers.
6. Close the heat exchanger's outer cover.

NOTE

- After cleaning the heat exchanger, make sure the fixings are securely locked.
- If the alarm continues after you have dismissed it, unplug and then plug in the power cord or remove and reinsert the heat exchanger's inner cover.

Troubleshooting

Checkpoints

If you encounter a problem with the dryer, first check the table below and try the suggestions.

Problem	Action
Door is open	Dryer operation with the door open. <ul style="list-style-type: none">• Make sure the door is properly closed.• Make sure laundry is not caught in the door.
Dryer does not start.	<ul style="list-style-type: none">• Make sure the door is properly closed.• Make sure the dryer is plugged in.• Check the fuse or reset the circuit breaker.• Empty the water tank.• Clean the lint filter.
The dryer does not warm up.	<ul style="list-style-type: none">• Check the fuse or reset the circuit breaker.• Select a heat setting other than Cool Air.• Check the lint filter and the heat exchanger. Clean them if necessary.• The dryer may be in the cooling down process of the cycle.
Items are not dried.	Check all of the above. Additionally: <ul style="list-style-type: none">• Do not overload the dryer.• Dry heavy fabrics separately from light fabrics.• Reposition large, bulky items to ensure even drying.• Check that the dryer is draining properly.• For small loads, add a few dry towels.• Clean the lint filter and heat exchanger.
The dryer is too loud.	<ul style="list-style-type: none">• Look for coins, loose buttons, nails, and other objects and remove them immediately.• Make sure the dryer is level and standing firmly on the floor.• The dryer may hum due to air moving through the drum and fan. This is normal.• Check the lint filter. Remove any items stuck inside the lint filter.
Items are not dried evenly.	<ul style="list-style-type: none">• Seams, pockets, and other parts of clothing are harder to dry than others. This is normal.• Sort heavy and light items separately.

Problem	Action
There is a smell coming from the dryer.	<ul style="list-style-type: none"> • The smell of paint, varnish, cleaning agents, and other household items could have circulated in the air and entered the dryer. If you notice such a smell, ventilate completely before using the dryer. • If drying in an enclosed area, the dryer could cause the ambient temperature to rise. Accordingly, make sure to open a window and ventilate the area. • Do not attempt to dry wet items after leaving them in the washing machine or dryer for a long time. • After using the dryer, leave the door open to ventilate the interior.
The dryer turns off before the items are dry.	<ul style="list-style-type: none"> • The load is too small. Add more items and restart the cycle. • Dryer load is too large. Remove items and restart the cycle.
The clothes have lint on them.	<ul style="list-style-type: none"> • Always make sure the lint filter is clean before putting items into the dryer. When drying items that generate a large amount of lint, you may need to clean the lint filter in the middle of a cycle. • Some fabrics (such as white towels) causes more lint and should be dried separately from fabrics that lint attaches easily (such as black linen pants). • Check the inside of the pockets to make sure they are empty before drying.
Items still wrinkled after Wrinkle Prevent	<ul style="list-style-type: none"> • Small loads of 1-4 items work best. • Load fewer items. Load similar-type items.
After the Cool Air, there is still an odor remaining in the items	<ul style="list-style-type: none"> • Make sure to thoroughly wash items with strong odours.

- If a problem persists, contact a local Samsung service center.
- Samsung is not liable for any damage to the product, any injury, or any other product safety issue caused by a repair which does not follow the instructions in these Repair Guides. Any damage to the product caused by an attempted repair (by anyone other than a Samsung certified service provider) will also not be covered by the warranty.

Troubleshooting

Information codes

If there is any problem, check the information message on the LCD screen and follow the on-screen instructions.

Problem or Information Code	Action
Door is open DC	<ul style="list-style-type: none">• The door does not close when the dryer is running.• Close the door and start again.• If the information code remains, contact a customer service centre.
The door switch is not working properly. DC1	<ul style="list-style-type: none">• The door switch isn't working properly.• Check for foreign substances around the door, then push the door closed and try again.
TC	Air temperature sensor problem <ul style="list-style-type: none">• Clean the lint filter or the heat exchanger. If the information code remains, contact a customer service centre.
AC6	Check communications between the main and the inverter PBAs. <ul style="list-style-type: none">• Depending on the state, the machine may automatically returns to normal operation.• Turn the machine off, and restart the cycle.• If the information code remains, contact a customer service centre.
3C	Check the motor for operation. <ul style="list-style-type: none">• Try restarting the cycle.• If the information code remains, contact a customer service centre.
NC	Lint filter problem <ul style="list-style-type: none">• Check the lint filter assembly.• If the information code remains, contact a customer service centre.
NC2	Internal heat exchanger cover problem <ul style="list-style-type: none">• Check the internal heat exchanger cover assembly.• If the information code remains, contact a customer service centre.
HC	Compressor overheating <ul style="list-style-type: none">• Please check the cleaning condition of heat exchanger and lint filter.• If the information code remains, contact a customer service centre.
TC5	Compressor temperature sensor problem <ul style="list-style-type: none">• Wait two to three minutes.• Turn the power back on and start again.

Problem or Information Code	Action
TC7	Check the Eva In temperature sensor <ul style="list-style-type: none"> • Turn the power back on and start again. • If the information code remains, contact a customer service centre.
TCA	Check the Compressor Top temperature sensor <ul style="list-style-type: none"> • Turn the power back on and start again. • If the information code remains, contact a customer service centre.
3CA	Check the inverter compressor <ul style="list-style-type: none"> • Turn the power back on and start again. • If the information code remains, contact a customer service centre.
HCL	There is a refrigerant leak. <ul style="list-style-type: none"> • Call for service. Not available use the dryer until service engineer visits except power On/OFF.

For any codes not listed above, or if the information code continues to appear, contact a customer service centre.

Appendix

Fabric care chart

The following symbols provide garment care direction. The Clothing care labels include symbols for drying, bleaching, drying and ironing, or dry cleaning when necessary. The use of symbols ensures consistency among garment manufacturers of domestic and imported items. Follow care label directions to maximize garment life and reduce laundering problems.

Washing

	95 °C boil wash.
	60 °C coloured wash.
	60 °C coloured wash. ("Easy care" coloured wash)
	40 °C coloured wash.
	40 °C mild wash.
	40 °C very mild wash.
	30 °C fine wash.
	30 °C mild fine wash.
	30 °C very mild fine wash.
	Hand wash.
	Do not wash.

NOTE

The numbers in the wash tub specify the maximum washing temperatures in degrees celsius which must not be exceeded.

Bleaching

	Any bleach allowed.
	Only oxygen bleach allowed.
	Do not bleach.

Drying

	Tumble drying / Drying at a temperature of 80 °C with a normal drying process.
	Tumble drying / Drying at a temperature of 60 °C with a mild drying process.
	Do not tumble dry
	Line drying.
	Drip line drying.
	Flat drying.
	Drip flat drying.
	Line drying in the shade.
	Drip line drying in the shade.
	Flat drying in the shade.
	Drip flat drying in the shade.

NOTE

- The dots indicate the drying level of the dryer.
- The lines indicate the type and place of the drying.

Ironing

	Iron at maximum sole plate temperature of 200 °C.
	Iron at maximum sole plate temperature of 150 °C.
	Iron at maximum sole plate temperature of 110 °C. Caution when using steam irons (work without steam).
	Do not iron.

NOTE

The dots indicate the temperature ranges for ironing (regulator, steam, travel irons and ironing machines).

Professional care

	Professional dry-cleaning in perchloroethylene and/or hydrocarbons (heavy benzines) with normal process.
	Professional dry-cleaning in perchloroethylene and/or hydrocarbons (heavy benzines) with gentle process.

	Professional dry-cleaning in hydrocarbons (heavy benzines) with normal process.
	Professional dry-cleaning in hydrocarbons (heavy benzines) with gentle process.
	Do not dry-clean.
	Professional wet-cleaning.
	Mild professional wet-cleaning.
	Very mild professional wet-cleaning.
	Do not wet-clean.

NOTE

- The letters in a circle indicate the solvents (P, F) used in dry cleaning or wet cleaning (W).
- Generally, the line under the symbol indicates a milder treatment (e.g. gentle cycle for easy-care items). The double line indicates care levels with particularly gentle treatment.

Protecting the environment

- This appliance is manufactured from recyclable materials. If you decide to dispose of this appliance, please observe local waste disposal regulations. Cut off the power cord so that the appliance cannot be connected to a power source. Remove the door so that animals and small children cannot get trapped inside the appliance.
- Refrigerant (Type): R290
Refrigerant (Charging) : 0.149 kg

Appendix

Spare parts guarantee

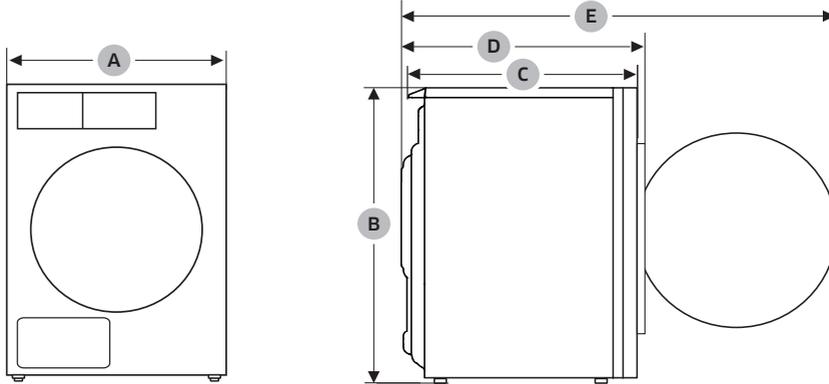
We guarantee that the following spare parts will be available to professional repairers and end-users for a minimum period of 10 years after placing the last unit of the model on the market.

- Doors
- Door seals
- Door handles
- Door lock assemblies and hinges
- Lint filters
- Air filters
- Plastic peripherals
- Condensate tank

 **NOTE**

The Listed parts can be purchased at <http://www.samsung.com/support>.

Specification



TYPE		FRONT LOADING DRYER
MODEL NAME		DV9*F09F4S
DIMENSIONS	A	600 mm
	B	850 mm
	C	600 mm
	D	650 mm
	E	1105 mm
WEIGHT		55 kg
MAXIMUM LOAD CAPACITY		9.0 kg
ELECTRICAL REQUIREMENTS	AC 220–240 V / 50 Hz	1000 W
ALLOWABLE TEMPERATURE		5–35 °C

NOTE

- The dimensions stated here may differ slightly from the actual measurements depending on the measuring method.

Network standby power consumption

Power consumption	Off mode	0.50 W
	Network Standby mode	2.00 W
	Time in networked standby mode (Wi-Fi)	10 min

Appendix

Indicative information (According to EU 2023/2533)

Model	Cycles	Capacity (kg)	Program duration (HH:mm)	Energy Consumption (kWh/Cycle)	final moisture content after the drying cycle (%)	noise (only for full load)
DV9*F09F4S	◀ Eco Cotton or Eco Cotton	9.0	4:45	1.20	0%	60
		4.5	2:40	0.66	0%	-
	Synthetics	4.0	1:14	0.50	2%	-
	Delicates	2.0	1:10	0.41	-1%	-

The values given for programmes other than the eco programme are indicative only.

EPREL information

To access energy labelling information about this product on the European Product Registry for Energy Labelling (EPREL), go to https://eprel.ec.europa.eu/qr/***** where ***** is the product's EPREL registration number. You can find the registration number on the rating label of your product.

Contact information

QUESTIONS OR COMMENTS?

COUNTRY	CALL	OR VISIT US ONLINE AT
UK	0333 000 0333	www.samsung.com/uk/support
IRELAND (EIRE)	0818 717100	www.samsung.com/ie/support
GERMANY	06196 77 555 77	www.samsung.com/de/support
FRANCE	01 48 63 00 00	www.samsung.com/fr/support
SPAIN	91 175 00 15	www.samsung.com/es/support
PORTUGAL	210 608 098 Chamada para a rede fixa nacional Dias úteis das 9h às 20h	www.samsung.com/pt/support
LUXEMBURG	261 03 710	www.samsung.com/be_fr/support
NETHERLANDS	088 90 90100	www.samsung.com/nl/support
BELGIUM	02-201-24-18	www.samsung.com/be/support (Dutch) www.samsung.com/be_fr/support (French)
NORWAY	21629099	www.samsung.com/no/support
DENMARK	707 019 70	www.samsung.com/dk/support
FINLAND	030-6227 515	www.samsung.com/fi/support
SWEDEN	0771-400 300	www.samsung.com/se/support
AUSTRIA	0800 72 67 864 (0800-SAMSUNG)	www.samsung.com/at/support
SWITZERLAND	0800 726 786	www.samsung.com/ch/support (German) www.samsung.com/ch_fr/support (French)
HUNGARY	0680SAMSUNG (0680-726-7864)	www.samsung.com/hu/support
CZECH	800 - SAMSUNG (800-726786)	www.samsung.com/cz/support
SLOVAKIA	0800 - SAMSUNG (0800-726 786)	www.samsung.com/sk/support
CROATIA	072 726 786	www.samsung.com/hr/support
BOSNIA	055 233 999	www.samsung.com/ba/support
North Macedonia	023 207 777	www.samsung.com/mk/support
MONTENEGRO	020 405 888	www.samsung.com/support
SLOVENIA	080 697 267 (brezplačna številka)	www.samsung.com/si/support
SERBIA	011 321 6899	www.samsung.com/rs/support

Contact information

COUNTRY	CALL	OR VISIT US ONLINE AT
Kosovo	038 40 30 90	www.samsung.com/support
ALBANIA	045 620 202	www.samsung.com/al/support
BULGARIA	0800 111 31 - Безплатен за всички оператори *3000 - Цена на един градски разговор или според тарифата на мобилният оператор 09:00 до 18:00 - Понеделник до Петък	www.samsung.com/bg/support
ROMANIA	0800872678 - Apel gratuit *8000 - Apel tarifat în rețea	www.samsung.com/ro/support
ITALIA	800-SAMSUNG (800.7267864)	www.samsung.com/it/support
CYPRUS	8009 4000 only from landline, toll free	www.samsung.com/gr/support
GREECE	80111-SAMSUNG (80111 726 7864) only from land line (+30) 210 6897691 from mobile and land line	
POLAND	801-172-678* lub +48 22 607-93-33* * (opłata według taryfy operatora)	http://www.samsung.com/pl/support/
LITHUANIA	8-800-77777	www.samsung.com/lt/support
LATVIA	8000-7267	www.samsung.com/lv/support
ESTONIA	800-7267	www.samsung.com/ee/support

Memo

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