

Heat Pump Dryer

User manual

DV16DG8600**

SAMSUNG

Contents

Safety information	4
What you need to know about the safety instructions	4
Important safety symbols	4
Important safety precautions	5
Critical installation warnings	9
Critical usage warnings	10
Usage cautions	11
Critical cleaning warnings	12
Care for preventing freezing	13
Instructions about the WEEE	13
Ecodesign	13
Installation	14
What's included	14
Installation requirements	16
Step-by-step installation	17
Environment	23
Before you start	24
Initial setup	24
Drying guidelines	24
Operations	26
Control panel	26
Operating a cycle	27
Cycle overview	28
Options	32
Special features	36
Maintenance	41
Emptying the water tank	41
Installing the micro soft filter (Optional Filter)	42
Cleaning	43
Troubleshooting	50
Checkpoints	50
Information codes	52

Appendix	54
Fabric care chart	54
Protecting the environment	56
Spare parts guarantee	56
Specification	57
Contact information	59
QUESTIONS OR COMMENTS?	59

Safety information

- Congratulations on your new Samsung dryer. This manual contains important information on the installation, use, and care of your appliance. Read this manual thoroughly before using the dryer to ensure that you know how to safely and efficiently operate the features and functions that your new dryer offers.
- To check the product's model name, see the label enclosed with the product or attached to the product.

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.



Read the instructions

Read all instructions before using the appliance.

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



NOTE

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

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

Please follow them explicitly.

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

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. **CAUTION:** In order to avoid a hazard due to inadvertent resetting of the thermal cut-out, this 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 the utility.
6. The new hose-sets supplied with the appliance are to be used and that old hose-sets should not be reused.
7. For appliances with ventilation openings in the base, that a carpet must not obstruct the openings.
8. **For use in Europe:** Children of less than 3 years should be kept away unless continuously supervised.
9. The tumble dryer is not to be used if industrial chemicals have been used for cleaning.
10. The lint trap has to be cleaned frequently, if applicable.
11. 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)
12. Adequate ventilation has to be provided to avoid the back flow of gases into the room from appliances burning other fuels, including open fires.
13. Do not dry unwashed items in the tumble dryer.
14. 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.

-
15. 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.
 16. Fabric softeners, or similar products, should be used as specified by the fabric softener instructions.
 17. 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 that the items will not be damaged.
 18. Remove all objects from pockets such as lighters and matches.
 19. **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.
 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. Exhaust air must not be discharged into a flue which is used for exhausting fumes from appliances burning gas or other fuels.
 22. 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.

Safety information

NOTE

Numbers 23 and 25 are only applicable for R290 models. To check the Refrigerant type, see the label enclosed with the product or attached to the product.

23. WARNING: In the appliance enclosure or in the built-in structure, keep ventilation openings clear of obstruction.

24. WARNING: Do not damage the refrigerant circuit.

25. Risk of fire, poisoning, material damage, or appliance damage.

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

Keep fire and ignition sources away from the appliance.

If the appliance containing R290 refrigerant is not correctly disposed of, it may result in fire or poisoning.

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



**WARNING; RISK OF FIRE / FLAMMABLE
MATERIALS**

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 or 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.

Safety information

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.

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.

- At this time, do not use the ventilating fan.
- 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 skills necessary 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 cut-off 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 (latex) or similar rubber textures.

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

Safety information

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. Otherwise, it may cause an injury.

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

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, water remaining inside the hose can freeze in winter. Make sure there is no water left inside the hose after use.
- If the drain hose has frozen, 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

A circular logo showing a stylized figure of a person recycling, with arrows forming a loop around the figure.

FR

Cet appareil et ses accessoires se recyclent

REPRISE
À LA LIVRAISON

OU

À DÉPOSER
EN MAGASIN

OU

À DÉPOSER
EN DÉCHÈTERIE

FR

**ÉLÉMENTS
D'EMBALLAGE
+ LIVRET
+ FEUILLE**

**BAC
DE
TRI**

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

Séparez les éléments avant de trier

Ecodesign

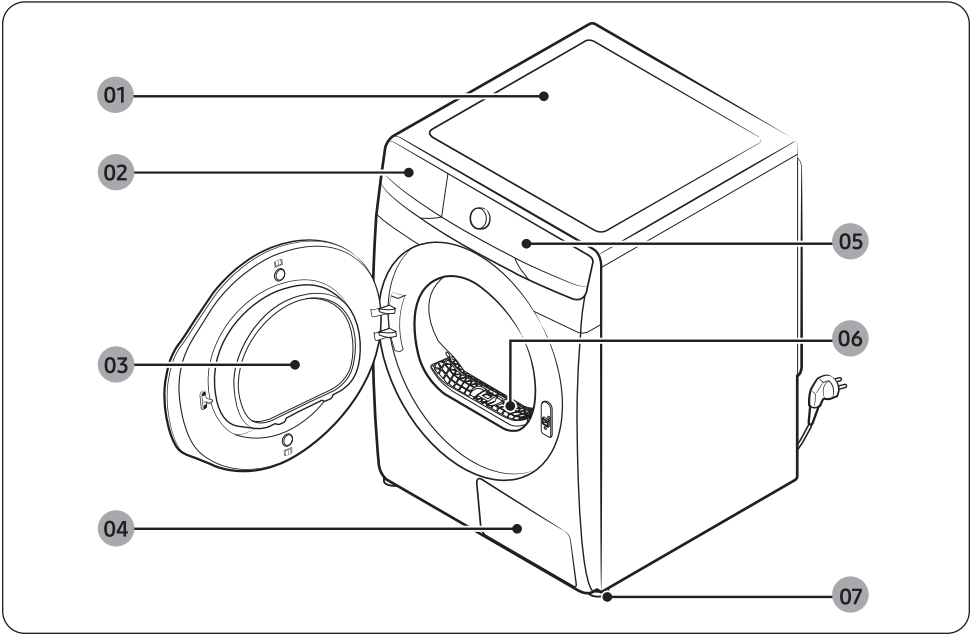
For detailed instructions on installation and cleaning of the washing machine and ecodesign information (according to (EU)2023/2533), visit the Samsung website (<http://www.samsung.com>), go to Support > Support home, and then enter the model name.

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

03 Door

05 Control panel

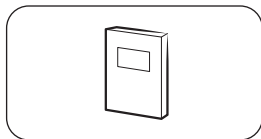
07 Levelling leg

02 Water tank

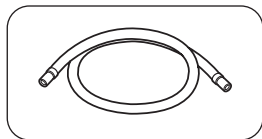
04 Heat exchanger

06 Lint filter

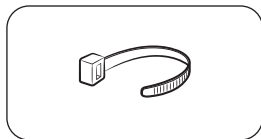
Accessories (supplied)



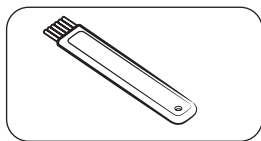
User manual



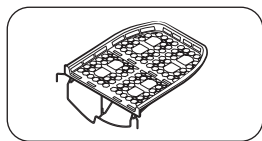
Long drain hose (2 m)



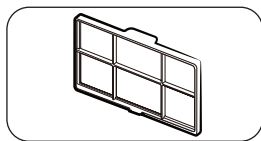
Cable tie



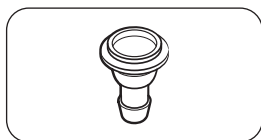
Cleaning brush



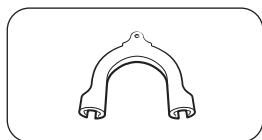
Drying rack (applicable models only)



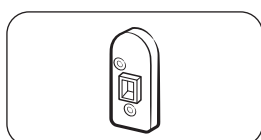
Micro soft filter (Optional Filter)



Hose connector



Hose guide



Holder lever (applicable models only)

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.
- Holder lever is only for applicable models. The models that allow door reversal provide the Holder lever.

Installation

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.

Alcove or closet installation

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

Sides	Top	Front	Rear
20 mm	20 mm	490 mm	20 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: 3.9 m³

Step-by-step installation

Before you install your dryer, make sure you have read **Installation requirements** on page 16.

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.

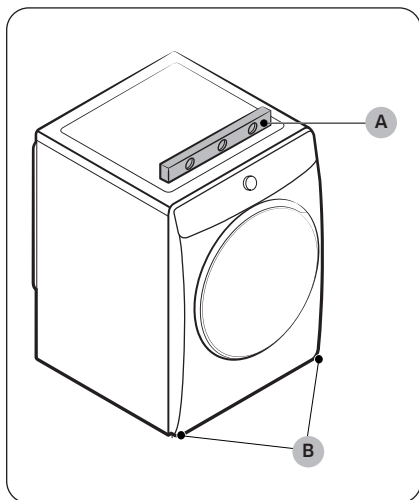
For convenience, consider installing the dryer next to your washing machine.

WARNING

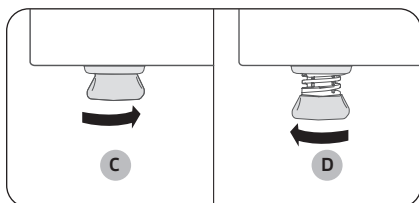
- Install the dryer indoors only.
- Do not install the dryer in areas exposed to the weather.
- Do not install the dryer where the temperature may fall below 5 °C or rise above 35 °C.
- Do not install the dryer where gas may leak.
- Do not use in a poorly ventilated space or area.
- Use only a power source connected to the wall.

Installation

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.

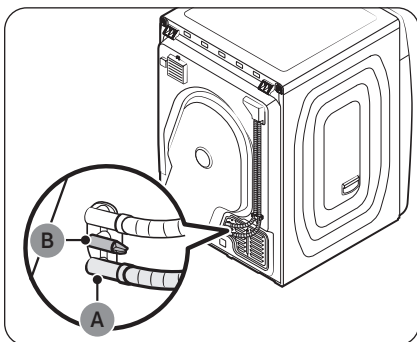


NOTE

- 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.

STEP 3 Connect the drain hose

Draining directly to a drainage system

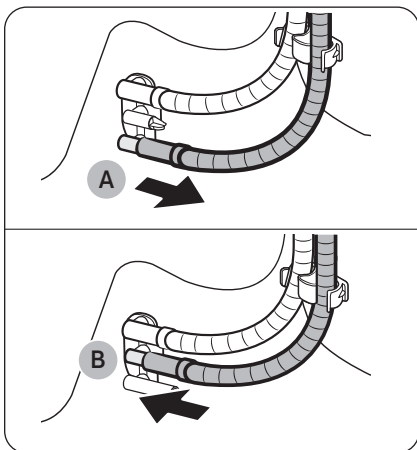


- We strongly recommend draining condensed water directly to your drainage system instead of draining to the built-in water tank.
- Use the provided accessory hose (long drain hose) to drain condensed water directly to your drain system instead of draining to the built-in water tank (which is a default method).
- Use the built-in water tank only if you cannot drain the condensed water directly to a drainage system.

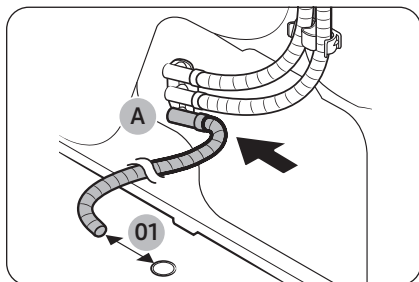
NOTE

As a factory default, this dryer is set to use the built-in water tank to drain condensed water. To use the  Eco Cotton or Eco Cotton cycle, you must drain the condensed water directly to a drainage system.

1. Remove the water tank drain hose from the **drain water outlet (A)**, and then insert it to the **holder (B)**.

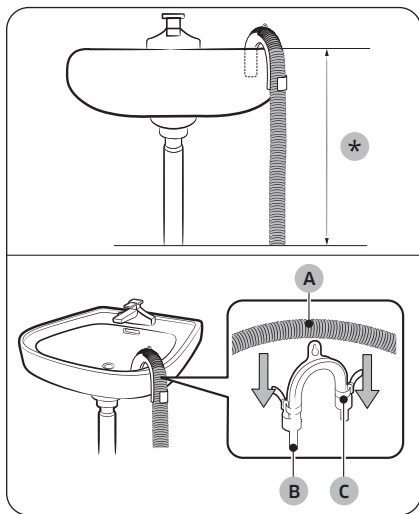


Installation



01 70 mm

Placing the accessory hose over a wash basin



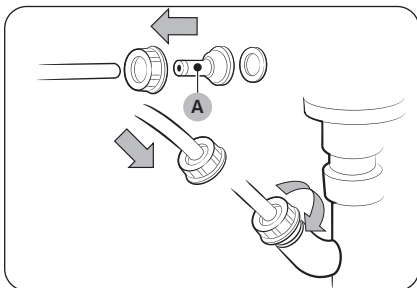
2. Insert one end of the accessory hose (long drain hose) into **drain water outlet (A)**.
3. Place the other end (outlet) of the accessory hose at least 70 mm away from a drain hole.

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 drain-outlet 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.



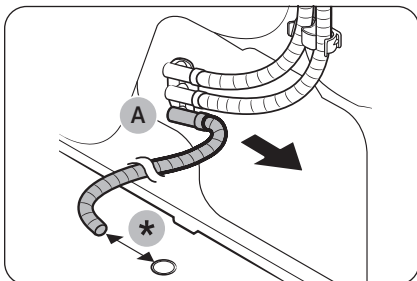
2. Connect the hose adapter directly to the drain pipe of the wash basin.

CAUTION

- Place the other end (outlet) of the accessory hose about 70 mm away from a drain hole. Do not insert the end (outlet) of the accessory hose into a sewer.
 - A sewer smell may flow into the dryer.
- Wring out excess water from items before putting them in the dryer.
 - Wet items may cause an unpleasant smell inside the dryer.
- Open the dryer door and the heat exchanger cover after completing a drying cycle to maintain the dryer interior more hygienically.
- Run the Self Clean cycle if there is an unpleasant smell inside the dryer, or the **"Self Clean needed"** message appears in the display.

Installation

Draining to the water tank

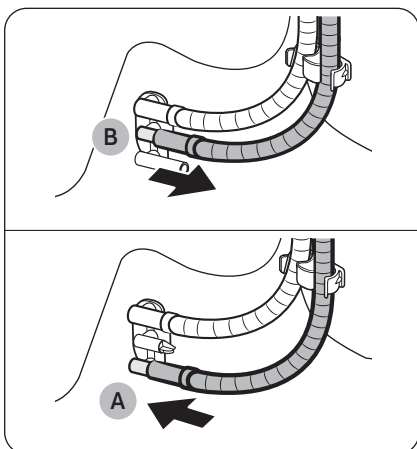


1. Remove the long drain hose from the **drain water outlet (A)**.

* 70 mm

NOTE

Completely dry the removed long drain hose and keep it in a safe place for later use.



2. Remove the water tank drain hose from the **holder (B)**, and then connect it to the **drain water outlet (A)**.
 - Firmly connect the water tank drain hose so that it does not move around.

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.

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 your dryer for the first time, the screen shows the initial setup process. Follow the on-screen instructions to complete it.
- If you complete the initial setup and operate a cycle for more than a minute, the initial setup will not appear again.
- The initial setup includes language selection and a brief tutorial.
- When tapping a button, tap exactly over the icon.
- Operating the washing machine and dryer at the same time may result in a loss of power depending on where they are installed and your electrical power status.

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.

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 44

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

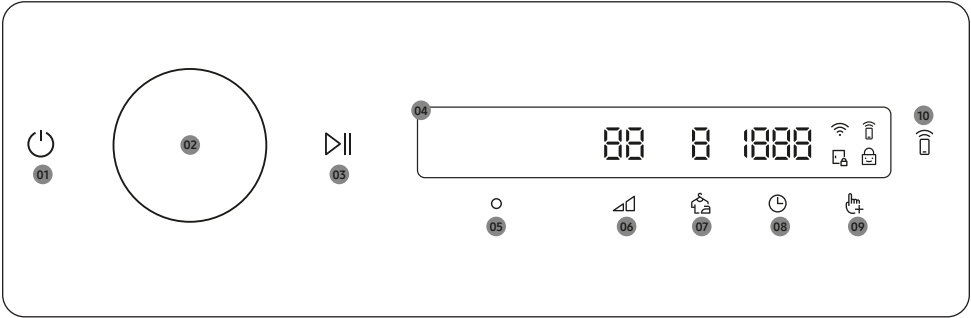
Add or remove items into or from the dryer with the lint filter installed. If the filter is not in place, small items can fall into the filter slot and cause the dryer to malfunction.

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.
- Keep the dryer door and the heat exchanger cover open after finishing the drying to keep the inside of the dryer more hygienic.

Operations

Control panel



01 Power	Tap to turn the dryer on or off. • If you do not manipulate the control panel for 10 minutes after the dryer is turned on, the dryer automatically turns off. • The dryer automatically turns off when the drying completes. ⚠ CAUTION Do not tap to turn the dryer off while the drying is in progress. Tap and hold to pause the cycle first, and then tap to turn the dryer off.
02 Navigation dial	Turn the Navigation dial left or right to navigate through cycles and functions. When you turn the Navigation dial, the display shows your selection (such as cycle, options, and settings).
03 Start/Pause	Tap and hold to start or pause an operation.
04 Display	The display shows the current cycle, estimated time remaining, cycle options, and other useful or alert messages.
05 OK	Tap to confirm your selection of function or setting.
06 Dry Level	Tap to change the dry level for the selected cycle. You can select from level 1 to 4, but available level depends on the selected cycle. • 4: Suitable for large and thick items. • 3: Standard drying level. • 2: The Damp dry level is designed to partially dry items. Use for items that lay flat or hang to dry. • 1: Gently dries items to protect fabric. Suitable for delicate items or items you want to naturally dry (by hanging or laying flat on drying rack) while they are damp.
07 Wrinkle Prevent	Tap to turn the Wrinkle Prevent function on or off. When the function is on, the dryer rotates the drum intermittently after completing the dry cycle to prevent wrinkles.

08 Time 	Tap to select the cycle time for Time Dry, Rack Dry, or Cool Air. You can set the drying time between 20 minutes and 240 minutes. Available drying time depend on the selected cycle.
09 Options 	Tap to enter the Options menu.
10 Smart Control 	Tap to activate or deactivate the Smart Control function. When the Smart Control function is activated, you can control your dryer remotely using the Smart Control app in your smartphone.

Icon description

	Wi-Fi	This icon indicates that the dryer is connected to Wi-Fi.
	Smart Control	This icon indicates that Smart Control is on. For more information on “ Smart Control ”, see page 36.
	Child Lock	This icon indicates that Child Lock is on. For more information on “ Child Lock ”, see page 34.
	Door Lock	- This icon indicates the door is locked and cannot be opened. - The door locks automatically during a cycle and this indicator turns on. - You can open the door when this icon disappears.

Operating a cycle

- Tap  to turn on the dryer.
- Turn the **Navigation dial** to select the cycle you want. For more information on “**Cycle overview**”, see page 28.
- Tap , , or  to change the default cycle settings.
- Tap , and then turn the **Navigation dial** to select an option. For more information on “**Options**”, see page 32.
- Tap  to change the settings for the selected option. Some cycles may not have an available option.
- Tap and hold  to start operation. Once you set the cycle you want, the screen displays a brief cycle description, maximum laundry load, and cycle time. You can also check the cycle progress, remaining cycle time, and information codes.

Operations

Cycle overview

Sensor dry cycles

Cycle	Description	Max load (kg)
 Eco Cotton or Eco Cotton	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	Auto optimized drying by AI according to the load and ambient temperature.	Max
Quick Dry	For mixed loads consisting of cotton and synthetic fabrics that need quick drying.	8.0
Pet Care Dry	For drying pet-related items and clothes. This cycle is also helpful to deodorize and remove pet hair on items. • When operate this cycle, install the micro soft filter (Optional Filter). • Drying results of pet clothes, covers, and cushions may vary depending on the items' type, shape, and dampness. - The results of pet hair removal and deodorization may vary depending on the environment or usage conditions (such as the amount of laundry, the type of clothing or fabric, and the type of pet hair) - The drying time may take longer to improve the result of deodorizing and pet hair removal.  CAUTION There might be pet hair and lint remaining in the drum after drying because of the static. Therefore, clean inside the drum, door, and the surrounding of the lint filter with a damp cloth or a wet tissue.	1.5
Bedding	For bulky items such as blankets, sheets, comforters, and light duvets.	4.0
Towels	Use to dry loads such as bath towels.	6.0
Delicates	For the delicate items to be handled with care such as lingerie.	3.0

Cycle	Description	Max load (kg)
Wool	For machine washable and tumble dryable wool only. For best results, turn laundry inside out before drying.	1.0
Hygiene Care+	For sanitizing wet and dry clothes and linen fabric to eliminate bacteria.	6.0 (for wet) 4.0 (for dry)
Shirts	Use to quickly dry one item such as a shirt.	1.0
Blouses	For blouses made of polyester (Diolen, Trevira), polyamide (Perlon, nylon), or other similar blends.	3.0
Activewear	For exercise wear and outdoor wear such as sports jerseys, training pants, and other performance clothing.	2.0
Denim	For drying items made out of denim, such as jeans.	3.0
Iron Dry	This cycle finishes the drying process in a moist state, which facilitates ironing.	3.0

Operations

Manual dry cycles

Cycle	Description	Max load (kg)
Time Dry	Use to set a desired dry time. Turn the Navigation dial to select Time Dry and tap ⌚ to set the drying time between 20 minutes and 240 minutes. Tap ⌚ repeatedly to select the available time options in this order: 20 / 30 / 40 / 50 / 60 / 90 / 120 / 150 / 180 / 240.  NOTE If you use this cycle for additional drying after finishing one of the Sensor Dry cycles (listed on page 28), set the minimum drying time (20 minutes). Excessive drying may cause damage or deform to an item.	-
Rack Dry	Timed cycle for items that needs to be dried on a drying rack. Turn Navigation dial to select Rack Dry and tap ⌚ to set the drying time between 20 minutes and 240 minutes. Tap ⌚ repeatedly to select the available time options in this order: 20 / 30 / 40 / 50 / 60 / 90 / 120 / 150 / 180 / 240.	1.5
Cool Air	All types of fabric. Tumbles the load in room temperature air. For freshening up or airing items of laundry that have not been worn for long. Turn Navigation dial to select Cool Air and tap ⌚ to set the drying time between 20 minutes and 240 minutes. Tap ⌚ repeatedly to select the available time options in this order: 20 / 30 / 40 / 50 / 60 / 90 / 120 / 150 / 180 / 240.	-

Other cycles

Cycle	Description	Max load (kg)
Air Bedding Care	For dusting off clothes, bed spreads, bed sheets and bedding covers, etc.	3.0
Outdoor Care	For restoring the water repellent properties of outdoor wear treated with water repellent agents such as skiwear and mountain clothing.	1.0
Self Clean	Use this cycle to keep both the drum and the heat exchanger fresh. Do not use this cycle while there is any laundry stored in the drum.	-

 NOTE

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

Operations

Options

Using Options

1. Tap .
2. Turn the **Navigation dial** to select the desired option.
3. Tap  to change the selected option's settings.

NOTE

- To return to the main screen, tap  again or turn the **Navigation dial** to select **Back** and tap .
- If the selected function is not supported, the "**Currently not supported**" message is displayed, and the  button is not activated.
- When you select an option, a brief help message appears for the first ten times of use.
- If you do not manipulate the control panel for 7 seconds after entering the Options menu, the display returns to the main screen.

Damp Alert

This function alerts you when shirts and other items that require ironing are dry enough to be suitable for ironing.

1. Select a cycle and change the cycle settings as necessary.
 - This function is available for  Eco Cotton or Eco Cotton, AI Dry, and Quick Dry with the Dry Level  set to 2-4.
2. Tap .
3. Turn the **Navigation dial** to select **Damp Alert**, and then tap .
4. Tap and hold .

Alarm during drying:

1. Tap and hold  to pause the cycle.
2. Open the door and take out the items you want to iron.
3. Close the door, and then tap and hold  to dry the remaining items.

Drum Light

You can turn the drum light on or off.

1. Tap .
2. Turn the **Navigation dial** to select **Drum Light**, and then tap .
3. Tap  to select **On** or **Off**.
 - The drum light turns on even when the dryer is off. (If the dryer is plugged in d to a power outlet.)
 - When the dryer door opens, the drum light automatically turns on and automatically turns off after 2 minutes.

My Cycles

Add or remove cycles to create a personal cycle list.

1. Tap .
2. Turn the **Navigation dial** to select **My Cycles**, and then tap .
 - You can only edit a cycle to create a personal cycle when the dryer is not operating.
3. Turn the **Navigation dial** to select a desired cycle.
4. Tap  to add or remove the selected cycle.
 - Addition and removal of a cycle is saved automatically.
5. Once you finish creating My Cycles, tap  to return to the cycles screen.

NOTE

The  Eco Cotton or Eco Cotton and Self Clean cycles can not be removed from the cycles list.

Optional Filter

If you installed the Optional Filter to prevent dust accumulation on the heat exchanger, use this setting to set the filter cleaning alert on or off.

1. Tap .
2. Turn the **Navigation dial** to select **Optional Filter**, and then tap .
3. Tap  to select **On** or **Off**.
 - Select **On** to receive a filter cleaning alert message.

NOTE

If the “**Remove optional filter to clean**”, “**Clean heat exchanger & tap **” or “**Clean heat exchanger optional filter & tap **” message appears on the display, clean both the heat exchanger and the Optional Filter. (Refer to the “**Heat exchanger**” section on page 46 and “**Micro soft filter (Optional Filter)**” section on page 48.)

Operations

Child Lock

To prevent children or infants from accidentally starting or setting the dryer, **Child Lock** locks all buttons except for  and .

1. Close the door.
2. Tap .
3. Turn the **Navigation dial** to select **Child Lock**, and then tap .
4. Tap  to select **On** or **Off**.
 - The **Child Lock**  icon turns on when the function is on.
 - You cannot turn on Child Lock with the door open. If you get the "**Close the dryer door and try again**" message on the display while you try to turn on Child Lock, close the door and try again.

NOTE

- When Child Lock is on, all buttons are disabled except for  and .
- If you open and close the door with Child Lock on, an alarm triggers with the "**Open door & check inside**" and "**Child Lock on**" message.
- If you tap a button with Child Lock on, an alarm triggers with the "**Child Lock on**" message.
- To dismiss a notification message, turn off Child Lock or the power.

AI Pattern

This function saves your frequently used cycles and settings.

1. Tap .
2. Turn the **Navigation dial** to select **AI Pattern**, and then tap .
3. Tap  to select **On** or **Off**.
 - The default setting is **On**. Set it to **Off** if you do not want to use this function.
 - When you turn the function on, the dryer remembers frequently used cycles and their settings (Dry Level , Time ) and save them in frequently used order.
 - When you turn off the function, all the saved data resets.

Calibration

You can run calibration again for accurate weight detection.

1. Tap .
2. Turn the **Navigation dial** to select **Calibration**, and then tap .
- Calibration does not start if the door is not closed properly.
 - The drum rotates clockwise and anticlockwise for about 1 minutes.
3. When calibration is complete, the "**Calibration complete**" message appears on the display and the dryer turns off automatically.

NOTE

Make sure the drum is empty before running **Calibration**.

Volume

You can adjust the volume of cycle completion sound and button input sound.

NOTE

- The default setting is **Volume 2** (normal).
- Change the setting to **Volume** if you do not want any sound. However, the alert sounds will not be turned off.

Language

You can change the system language.

1. Tap .
2. Turn the **Navigation dial** to select **Language**, and then tap .
3. Turn the **Navigation dial** to select the desired language, and then tap .

Wi-Fi

You can turn the dryer's Wi-Fi on or off.

1. Tap .
2. Turn the **Navigation dial** to select **Wi-Fi**, and then tap .
3. Tap  to select **On** or **Off**.
 - 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 maintains 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.

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.

Factory Reset

You can reset your dryer.

1. Tap .
2. Turn the **Navigation dial** to select **Factory Reset**, and then tap .
- Your dryer resets to the factory setting.

Operations

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 and hold  to turn on the dryer.
- Tap and hold  on the dryer.
 - a. The dryer enters AP mode and connects to your mobile device.
 - b. Tap  to authenticate your dryer on your mobile device.
 - c. Once the authentication process is complete, your dryer is successfully connected to the app. Use various features available in the SmartThings app.

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 and hold  for 3 seconds to navigate to **Settings**, select **Wi-Fi**, and tap  to turn it on.
- Turning the dryer's Wi-Fi on allows you connect to the dryer via SmartThings app on your smartphone 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.
- If you use the dryer 20 times without being connected to SmartThings, the next time you turn the dryer on, a pop-up about Smart Control connection will appear for 3 seconds.
- If the dryer's Wi-Fi is not connected to an AP (access point), the Wi-Fi will turn off when you turn of the power.

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 in standby power saving mode 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  and Wi-Fi  turn on your dryer display.
3. Conveniently control your dryer using the SmartThings app.

NOTE

The dryer switches to standby power saving mode when operation is paused even if the machine is not connected to the SmartThings app.

SmartThings

Wi-Fi connection

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

- This appliance supports the Wi-Fi 2.4 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 user automatically logs in.

To register your appliance to SmartThings

1. Make sure your smartphone 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.
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.

Operations

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_TP2_0/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 declares that this radio equipment is in compliance with Directive 2014/53/EU and with the relevant statutory requirements in the UK. The full text of the EU declaration of conformity and the UK 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 > Support home and enter the model name.

RF max transmitter power : 20 dBm at 2.402 GHz – 2.480 GHz.

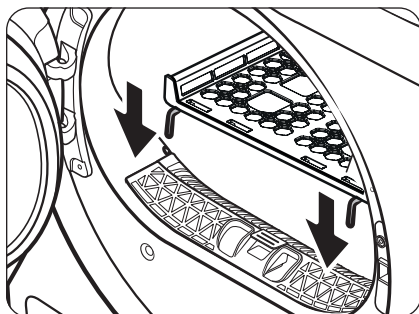
Security updates information

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

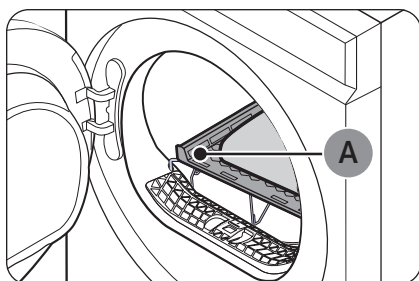
- The website supports only some languages.

Using the drying rack (applicable models only)

Set the drying time up to 240 minutes according to the moisture and weight of the items to dry. When drying laundry using the drying rack, the Rack 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.



A. Drying rack

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 . Turn the **Navigation dial** to select **Rack Dry**, and then tap  to select the drying time.
4. Tap and hold .

Operations

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)	

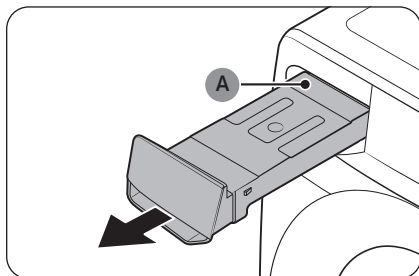
 CAUTION

- 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.

Maintenance

Emptying the water tank

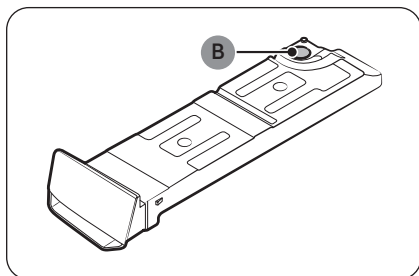
Empty the water tank after each use to prevent leaks.



1. Remove the **water tank (A)** 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.

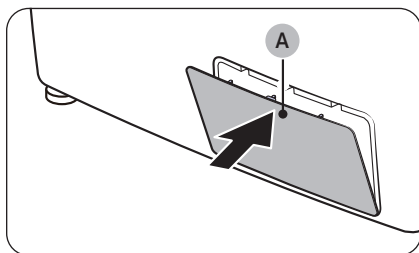
📖 NOTE

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

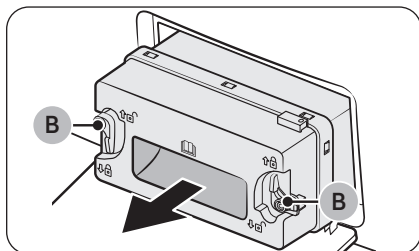
Maintenance

Installing the micro soft filter (Optional Filter)

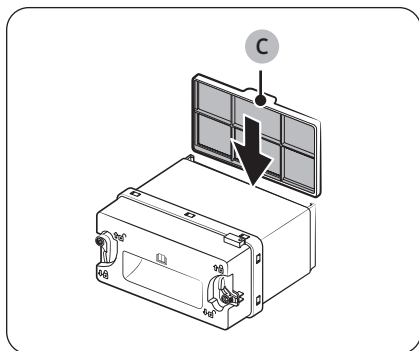
You can install the provided micro soft filter (Optional Filter) to prevent dust accumulation on the heat exchanger.



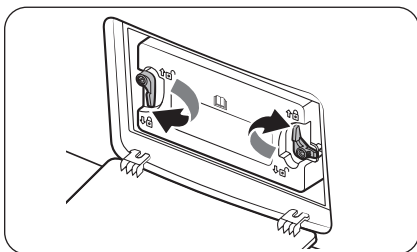
1. Gently press the top part of the **outer cover (A)** to open.



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



3. Insert the provided **micro soft filter (Optional Filter) (C)** on the back of the inner cover as shown in the figure.
 - Make sure to install the filter in the correct position. (The tap on the top of the filter should face outward.)



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

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.

Control 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 control 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.

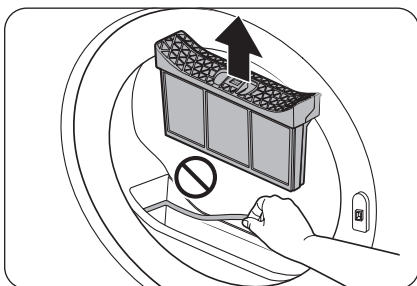
CAUTION

Do not detach the door's rubber sealing.

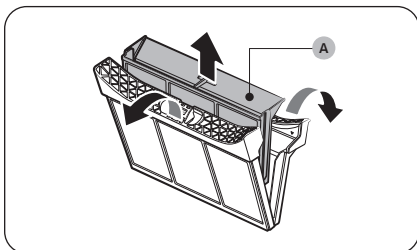
Maintenance

Lint filter

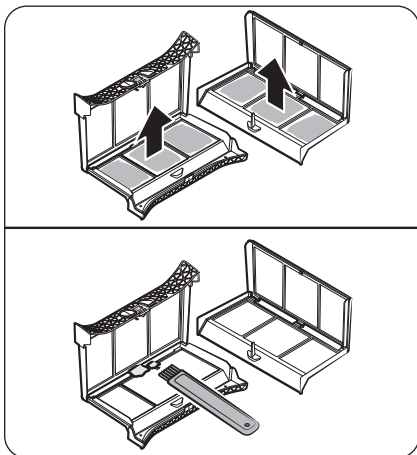
Clean the lint filter after each use.



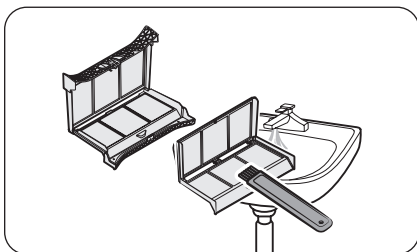
1. Open the dryer door, grab the top of the lint filter, and pull to remove the filter.
 - Do not detach the rubber sealing after removing the filter.



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

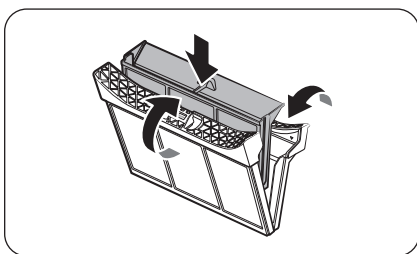


3. Spread open the outer filter and the inner filter.
4. Remove the lint from both filters, and then clean the filters with the cleaning brush.



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.

Maintenance

Heat exchanger

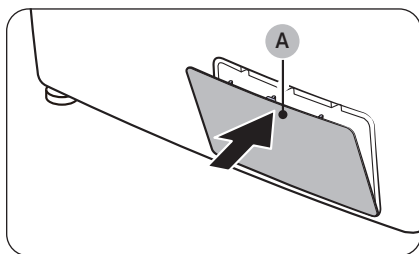
When it is time to clean the heat exchanger, the dryer will alert you by displaying the “**Clean heat exchanger & tap** ○” or “**Clean heat exchanger optional filter & tap** ○” message.

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

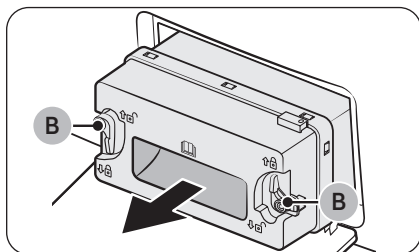
Clean the heat exchanger once a month with a soft brush or vacuum cleaner. Do not touch the heat exchanger with bare hands as it may cause injury.

NOTE

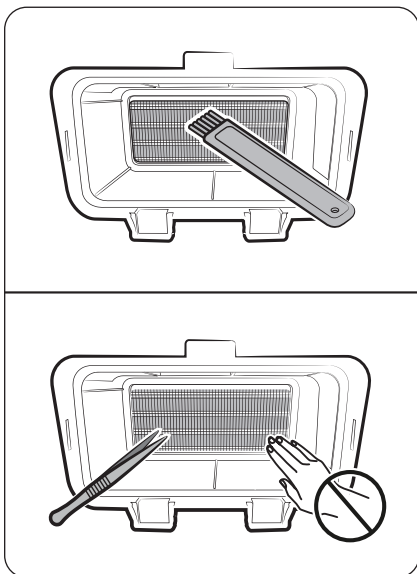
- Water droplets can form around the heat exchanger due to condensation caused by a temperature difference. This is normal and is not a sign of a leak.
- If you are not planning on using the dryer for a long period of time, open the heat exchanger cover and ventilate.



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.

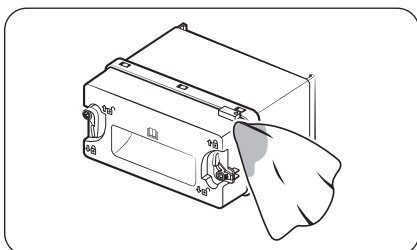
- After cleaning with the brush, wipe off the remaining dust using a smooth, damp cloth.

⚠ 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.

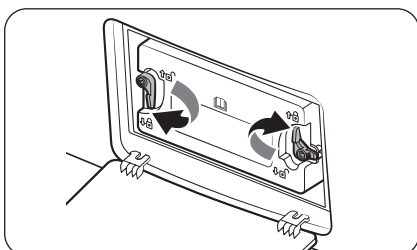
📖 NOTE

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.

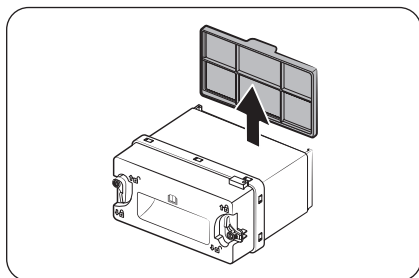
Maintenance

NOTE

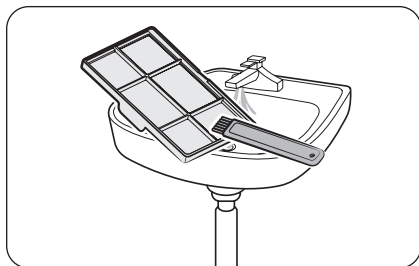
- After cleaning the heat exchanger, tap  to dismiss the notification message. The message remains on until you dismiss it.
- If the alarm continues after you have dismissed it, unplug and then plug in the power cord or remove and reinsert the heat exchanger's inner cover.

Micro soft filter (Optional Filter)

When it is time to clean the micro soft filter (Optional Filter), the dryer will alert you by displaying the **"Clean micro soft filter (Optional Filter)"** message. A dirty micro soft filter (Optional Filter) will hinder the product's performance and should be cleaned regularly.



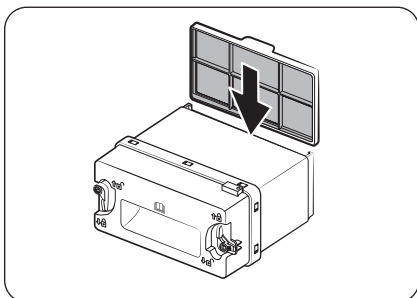
1. Open the heat exchanger's outer cover, and then remove the inner cover. (Refer to the **"Heat exchanger"** section on page 46.)
2. Remove the micro soft filter (Optional Filter) from the inner cover.



3. Clean the dust on the micro soft filter (Optional Filter) with the provided brush, and then wash the filter in running water.

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.
- Clean the filter regularly. A dirty filter can degrade a drying performance.



4. Insert the filter to the inner cover, and then insert the inner cover back to its place.
 - Make sure to install the filter in the correct position. (The tap on the top of the filter should face outward.)

Troubleshooting

Checkpoints

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

Problem	Action
Dryer does not start.	• Make sure the dryer is plugged in. • Make sure the door is properly closed. • Check the fuse or reset the circuit breaker. • If you opened the door during a cycle, tap and hold ▷ again. • Clean the filter. • Make sure Child Lock is not activated.
The dryer does not warm up.	• Check the fuse or reset the circuit breaker. • 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: • Do not overload the dryer. If the dryer is overloaded, it could take longer for items to dry. • Dry heavy fabrics separately from light fabrics. • The item(s) are too small and may not getting enough spinning inside the drum. • Clean the filter. • Clean the heat exchanger. • If the "Clean heat exchanger & tap ○" or "Clean heat exchanger optional filter & tap ○" message appears on the display, refer to the "Heat exchanger" section on page 46 and clean the heat exchanger. • If a drain hose is connected, make sure water is draining properly.
The dryer is too loud.	• Look for coins, loose buttons, nails, and other objects and remove them immediately. • Check the lint filter. Remove any items stuck inside the lint filter. • 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.
Items are not dried evenly.	• 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.	- 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.	The load is too small. Throw in few additional items like towels and try drying again.
The clothes have lint on them.	- 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.
The ambient temperature around the dryer rises or there is a damp, soggy smell.	Heat pump dryers circulate ambient air inside and outside the dryer during the drying process to cool the system. Using the dryer in a poorly ventilated area may, depending on the operating environment, raise the ambient humidity level and/or cause a damp, soggy smell to develop. Ensure proper ventilation when using the dryer.
Water is not draining.	- Check the draining hose for twists and kinks. Straighten out the hose if it is twisted or kinked and securely connect it to the drain on the floor. - Check to see if the draining hose is frozen. If the hose is frozen, submerge it in warm water to allow the water inside the hose to melt and drain out. Reconnect the hose and check for proper draining. - If the inside of the dryer is frozen, remove the water tank from the dryer and add about 400 ml of warm water to the inner space where the water tank was. After about an hour, run the dryer to make sure it drains normally.

- If the problem persists, please contact the service center.

Troubleshooting

- 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.

Information codes

If the dryer fails to operate, you may see an information code on the screen. Check the table below and try the suggestions.

Information code	Meaning	Action
Close the dryer door and try again	Operating the dryer with the door open.	• Make sure the door is properly closed. • Make sure laundry is not caught in the door.
Clean filter before use / Check filter is inserted correctly	Lint filter problem	• Check the lint filter assembly. • Clean the lint filter. • If this continues, call for service.
Check heat exchanger cover is inserted correctly	Internal heat exchanger cover problem	• Check the internal heat exchanger cover assembly. • If this continues, call for service.
Check drainage / Check tank and drain hose / Check for leaks and restart / Empty tank & hold▷	Draining malfunction Draining pump malfunction Frozen draining hose Water tank full	• Make sure the draining hose is not bent or damaged. • If the hose is frozen, wrap the hose with a towel soaked in warm water for approximately ten minutes to thaw the hose. • Empty the water tank, turn on the dryer, and start again. • If the inside of the dryer is frozen, remove the water tank from the dryer and add about 400 ml of warm water to the inner space where the water tank was. After about an hour, run the dryer to make sure it drains normally. • If this continues, call for service.
FC	Invalid power source frequency.	• Try restarting the cycle. • If this continues, call for service.

Information code	Meaning	Action
9C1	The electronic control needs to be checked.	• Check if power cord is connected properly. • Check if the electrical outlet is working properly. • If this continues, call for service.
dF	Incorrect door switch.	• Call for service.
tC	Air temperature sensor problem	• Call for service.
tC5	Compressor temperature sensor problem	• Wait two to three minutes. • Turn the power back on and start again. • If this continues, call for service.
3C	Check the motor for operation.	• Try restarting the cycle. • If this continues, call for service.
AC6	Check communications between the main and the inverter PBAs.	• Try restarting the cycle. • If this continues, call for service.
HC	Compressor overheating	• Call for service.

If any information code keeps appearing on the screen, contact a local Samsung service center.

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 normal wash.
	60 °C normal wash.
	60 °C mild wash.
	40 °C normal wash.
	40 °C mild wash.
	40 °C very mild wash.
	30 °C normal wash.
	30 °C mild wash.
	30 °C very mild 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 / normal temperture / maximum exhaust temperatue 80 °C.
	Tumble drying / lower temperature / maximum exhaust temperature 60 °C.
	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).

	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.

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.

Appendix

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.
- Contains fluorinated greenhouse gases.
Hermetically sealed equipment.
Do not vent gases into the atmosphere.
Refrigerant (Type): R-134a (GWP = 1430)
Refrigerant (Charging) : 0.58 kg, 0.829 tCO₂e

Spare parts guarantee

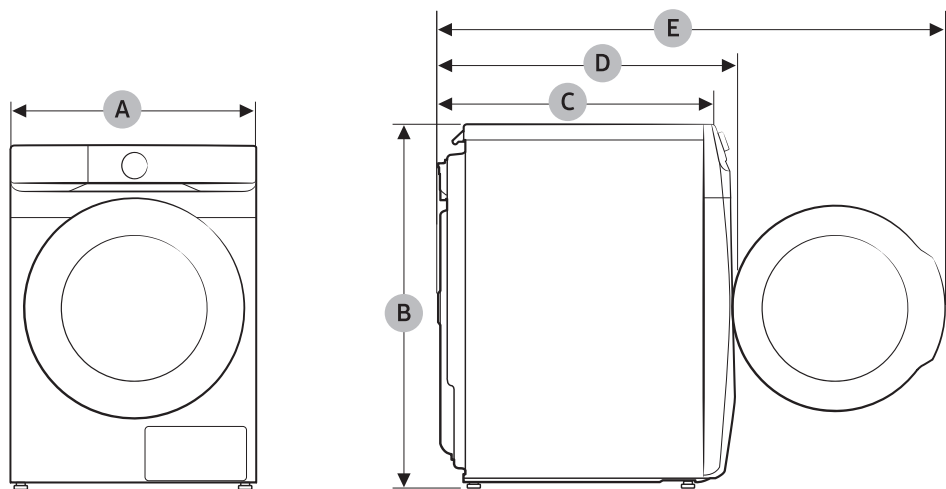
We guarantee that the following spare parts will be available to professional repairers and end-users for a minimum period of 10 years after placing the last unit of the model on the market.

- 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		DV16DG8600**
Maximum load capacity	Drying	16.0 kg
DIMENSIONS	A	686 mm
	B	984 mm
	C	803 mm
	D	844 mm
	E	1378 mm
WEIGHT		72.0 kg
ELECTRICAL REQUIREMENTS	AC 220–240 V / 50 Hz	1800-2100 W
ALLOWABLE TEMPERATURE		5-35 °C

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)
DV16DG8600**	 Eco Cotton or Eco Cotton	16	6:55	2.52	-0.58	64
		8	3:55	1.25	-1.12	-
	Delicates	3	0:57	0.60	-1.20	-

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
LUXEBURG	261 03 710	www.samsung.com/be_fr/support
NETHERLANDS	088 90 90 100	www.samsung.com/nl/support
BELGIUM	02-201-24-18	www.samsung.com/be/support (Dutch) www.samsung.com/be_fr/support (French)
NORWAY	21 62 90 99	www.samsung.com/no/support
DENMARK	70 70 19 70	www.samsung.com/dk/support
FINLAND	030-622 75 15	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 Program Call Center Luni - Vineri: 9 AM - 6 PM	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) from mobile and land line (+30) 210 6897691 from mobile and land line	
POLAND	801-172-678* * (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

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