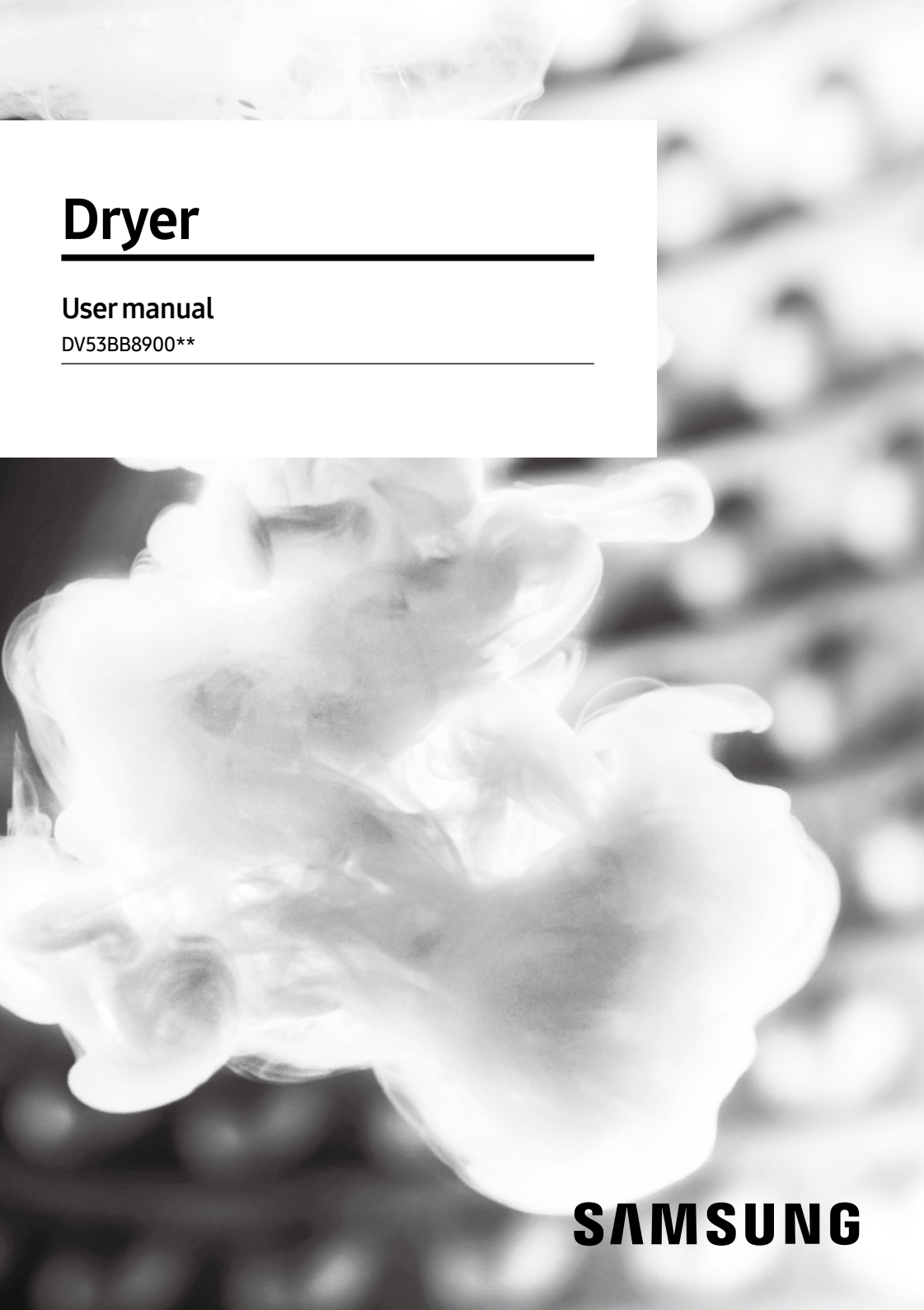
Dryer

User manual

DV53BB8900**



SAMSUNG

English

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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 some 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

Please read this manual thoroughly to ensure that you know how to safely and efficiently operate the extensive features and functions of your new appliance. Please store the manual in a safe location close to the appliance for future reference. Use this appliance only for its intended purpose as described in this instruction manual.

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

Because the following operating instructions cover various models, the characteristics of your dryer may differ slightly from those described in this manual and not all warning signs may be applicable. If you have any questions or concerns, contact your nearest service center or find help and information online at www.samsung.com.

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.

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.

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.

SAVE THESE INSTRUCTIONS

⚠ WARNING - Risk of Fire

- Clothes dryer installation must be performed by a qualified installer.
- Install the clothes dryer according to the manufacturer's instructions and local codes.
- Do not install a clothes dryer with flexible plastic venting materials. If flexible metal (foil type) duct is installed, it must be of a specific type identified by the appliance manufacturer as suitable for use with clothes dryers. Flexible venting materials are known to collapse, be easily crushed, and trap lint. These conditions will obstruct clothes dryer airflow and increase the risk of fire.
- Do not install a booster fan in the exhaust duct.
- To reduce the risk of severe injury or death, follow all installation instructions.
- Save these instructions.

SAVE THESE INSTRUCTIONS

Safety information

⚠ WARNING - To reduce the risk of fire or explosion:

- Do not dry items that have been previously cleaned, washed, soaked, or spotted with gasoline, dry cleaning solvents, or other flammable or explosive substances. They emit vapors that could ignite or explode. Any material that has been in contact with a cleaning solvent or flammable liquids or solids should not be placed in the dryer until all traces of these flammable liquids or solids and their fumes have been removed. There are many highly flammable items used in homes, such as acetone, denatured alcohol, gasoline, kerosene, some liquid household cleaners, some spot removers, turpentine, waxes, and wax removers.
- Items containing foam rubber (which may be labeled latex foam) or similarly textured rubberlike materials must not be dried on a heat setting. Heated foam rubber materials can, under certain circumstances, ignite spontaneously.

⚠ WARNING - Fire or explosion hazard

- Failure to follow safety warnings exactly could result in serious injury, death or property damage.
- Do not store or use gasoline or other flammable vapors and liquids near this or any other appliance.
- Installation and service must be performed by a qualified installer, service agency, or the gas supplier.
- Do not install a booster fan in the exhaust duct.

SAVE THESE INSTRUCTIONS

⚠ WARNING - What to do if you smell gas:

- Do not try to light any appliance.
- Do not turn on the appliance.
- Do not touch any electrical switch.
- Do not use any phone in your building.
- Clear the room, building or area of all occupants.
- Immediately call your gas supplier from a neighbor's phone. Follow the gas supplier's instructions.
- If you cannot reach your gas supplier, call the fire department.

CALIFORNIA PROPOSITION 65 WARNING

⚠ WARNING

Cancer and Reproductive Harm - www.P65Warnings.ca.gov.

SAVE THESE INSTRUCTIONS

Safety information

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. Read all instructions before using this appliance.
2. Do not dry articles that have been previously cleaned in, washed in, soaked in, or spotted with gasoline, dry-cleaning solvents, or other flammable or explosive substances, as they give off vapors that could ignite or explode.
3. Risk of Suffocation and Injury from Entrapment: Do not allow children to play on or in the appliance. Close supervision of children is necessary when the appliance is used near children.
4. Before the appliance is removed from service or discarded, remove the door to the drying compartment.
5. Do not reach into the appliance if the drum is moving.
6. Do not install or store this appliance where it will be exposed to the weather.
7. Do not tamper with controls.
8. Do not repair or replace any part of the appliance or attempt any servicing unless specifically recommended in the user-maintenance instructions or in published user-repair instructions that you understand and have the skills to carry out.
9. Do not use fabric softeners or products to eliminate static unless recommended by the manufacturer of the fabric softener or product.
10. Do not use heat to dry articles containing foam rubber or similarly textured rubber-like materials.
11. Clean lint screen before or after each load.
12. Keep area around the exhaust opening and adjacent surrounding areas free from the accumulation of lint, dust, and dirt.
13. The interior of the appliance and exhaust duct should be cleaned periodically by qualified service personnel.
14. Do not place items exposed to cooking oils in your dryer. Items contaminated with cooking oils may contribute to a chemical reaction that could cause a load to catch fire. To reduce the risk of fire due to contaminated loads, the final part of a tumble dryer cycle occurs without heat (cool down period). Avoid stopping 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.
15. Do not use replacement parts that have not been recommended by the manufacturer (e.g. parts made at home using a 3D printer).
16. (For Heat pump Clothes dryer) Sharp Edges – to reduce the risk of injury, use care when cleaning the condenser or evaporator coil fins.

SAVE THESE INSTRUCTIONS

Warnings

⚠ **WARNING**

- Ensure pockets are free of small, irregularly shaped hard objects and foreign material, i.e. coins, knives, pins, etc. These objects could damage your dryer.
- Gas leaks may occur in your system, resulting in a dangerous situation.
- Do not turn on the appliance.
- Do not use the dryer to dry clothes which have traces of any flammable substance, such as vegetable oil, cooking oil, machine oil, flammable chemicals, paint thinner, etc., or anything containing wax or chemicals, such as mops and cleaning cloths. Flammable substances may cause the fabric to catch fire by itself.
- Do not store or use gasoline or other flammable vapors and liquids near this or any other appliance.
- This appliance must be grounded. See “Electrical requirements” and ”Grounding” in “Installation” section.
- Do not insert your hand under the dryer.
  - This may result in injury.
- Take care that children’s fingers are not caught in the door when closing it.
  - This may result in injury.
- The control board and inlet valve are intentionally not grounded and may present a risk of electric shock only during servicing.
  - Do not contact these parts while the appliance is energized.

Cautions

⚠ **CAUTION**

- Do not allow children or pets to play on, in, or in front of the appliance. Close supervision is necessary when the appliance is used near children and pets.
- Before discarding or removing your dryer from service, remove the door to the drying compartment to prevent children or animals from becoming trapped inside.
- Do not reach into the appliance when the drum is moving.
- Do not install or store this appliance where it will be exposed to the weather.
- Do not tamper with the controls.
- Do not repair, replace, or attempt to service any part of the appliance unless specifically instructed to in the user-repair instructions and you have the understanding and skills to carry out the procedure.
- Do not use fabric softeners or products to eliminate static unless the softener or product is recommended for dryer use by the manufacturer of the fabric softener or product.
- Clean the lint screen before or after each load.
- Keep the area around the exhaust opening and surrounding areas free from lint, dust, and dirt.
- The interior of the dryer and exhaust duct should be cleaned periodically by qualified service personnel.

SAVE THESE INSTRUCTIONS

Safety information

- This appliance must be properly grounded. Never plug the power cord into a receptacle that is not grounded adequately or not in accordance with local and national codes. See the installation instructions for information about grounding this appliance.
- Do not sit on top of the dryer.
- Do not dry clothing with large buckles, buttons, or other heavy metal or solid objects.
- Gas leaks may not be detected by smell alone.
- Gas suppliers recommend you purchase and install a UL-approved gas detector.
- Install and use in accordance with the manufacturer's instructions.
- Do not place items in your dryer that have been spotted or soaked with vegetable oil or cooking oil. Even after being washed, these items may contain significant amounts of these oils.
- Residual oil on clothing can ignite spontaneoulsy. The potential for spontaneous combustion increases when items containing vegetable oil or cooking oil are exposed to heat. Heat sources such as your dryer can warm these items, allowing an oxidation reaction in the oil to occur. Oxidation creates heat. If this heat cannot escape, the items can become hot enough to catch fire. Piling, stacking, or storing these kinds of items may prevent heat from escaping and can create a fire hazard.
- All washed and unwashed fabrics that contain vegetable oil or cooking oil can be dangerous. Washing these items in hot water with extra detergent will reduce, but not eliminate, the hazard. Always use the Cool Down cycle for these items to reduce their temperature. Never remove these items from the dryer hot or interrupt the drying cycle until the items have run through the Cool Down cycle. Never pile or stack these items when they are hot.

SAVE THESE INSTRUCTIONS

Regulatory notice

FCC Notice

⚠ **CAUTION**

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This device complies with Part 15 of FCC Rules. Operation is Subject to following two conditions:

1. This device may not cause harmful interference, and
2. This device must accept any interference received including interference that cause undesired operation.

For products sold in the US and Canadian markets, only channels 1–11 are available. You cannot select any other channels.

FCC STATEMENT:

This equipment has been tested and found to comply within the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorienting or relocating the receiving antenna
- Increasing the separation between the equipment and receiver
- Connecting the equipment to an outlet that is on a different circuit than the radio or TV.
- Consulting the dealer or an experienced radio/TV technician for help.

FCC RADIATION EXPOSURE STATEMENT:

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated so there is at least 8 inches (20 cm) between the radiator and your body. This device and its antenna(s) must not be colocated or operated in conjunction with any other antenna or transmitter.

SAVE THESE INSTRUCTIONS

Regulatory notice

Unintentional emitter per FCC Part 15

Product type : Clothes Dryers

Model : DV53BB8900**

Responsible Party – U.S. Contact Information

Samsung Electronics America, Inc.
QA Lab America
19 Chapin Rd. Building D Pine Brook NJ 07058
Tel: 1-973-808-6375 Fax: 1-973-808-63

IC Notice

The term "IC" before the radio certification number only signifies that Industry Canada technical specifications were met. Operation is subject to the following two conditions:

1. This device may not cause interference, and
2. This device must accept any interference, including interference that may cause undesired operation of the device.

This Class B digital apparatus complies with Canadian ICES-003.

Cet appareil numérique de la classe B est conforme á la norme NMB-003 du Canada.

For products sold in the US and Canadian markets, only channels 1–11 are available. You cannot select any other channels.

IC RADIATION EXPOSURE STATEMENT:

This equipment complies with IC RSS-102 radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated so there is at least 8 inches (20 cm) between the radiator and your body. This device and its antenna(s) must not be colocated or operated in conjunction with any other antenna or transmitter.

SAVE THESE INSTRUCTIONS

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 sending an email to mailto:oss.request@samsung.com.

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 download page of the source code made available and 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.

Wi-Fi max transmitter power : 20 dBm at 2.412 GHz – 2.472 GHz

SAVE THESE INSTRUCTIONS

Installation requirements

Read through the following instructions before installing the dryer and keep this manual for future reference.

⚠ **WARNING**

Certain internal parts are intentionally not grounded and may present a risk of electric shock only during servicing.

Service Personnel - Do not contact the following parts while the appliance is energized: Control board and inlet valve.

Key installation requirements

- A grounded electrical outlet.
- A power cord for electric dryers (except in Canada).
- Gas lines (for gas models) that meet national and local regulations.
- An exhaust system made of rigid metal or flexible stiff-walled metal exhaust duct. (Not applicable to ventless (heat pump) models)

⚠ **WARNING**

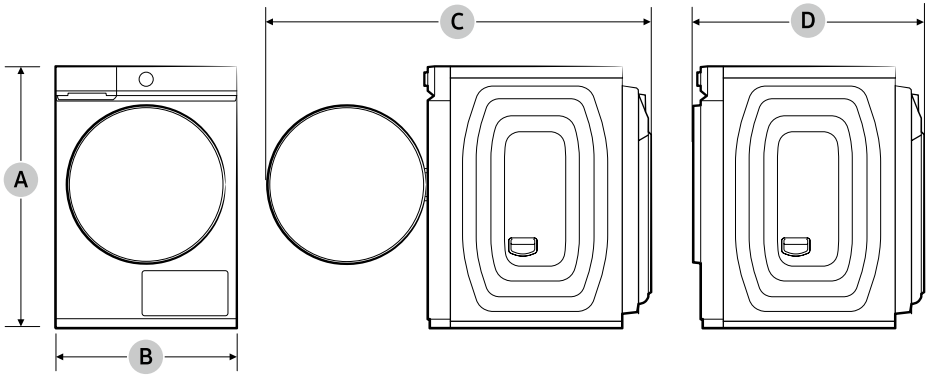
Remove the door from all discarded appliances to prevent a child from suffocating.

Location considerations

The dryer should be located where there is enough space at the front for loading the dryer and behind space behind for the exhaust system. This dryer is factory-ready for the rear exhaust option. To exhaust out the bottom, right or the left, use the accessory exhaust kit. Instructions are included with the kit. Make sure the room in which the dryer is located has enough fresh air. The dryer must be located where there are no air-flow obstructions. For gas dryers, adequate clearance must be maintained as noted on the data plate to ensure adequate air for combustion and the proper dryer operation.

The dryer must not be installed or stored in an area where it will be exposed to water and/or weather. The dryer area must be kept clear of combustible materials, gasoline, and other flammable vapors and liquids. A dryer produces combustible lint. The area around the dryer should be kept lint-free.

Dimensions



Type		Front loading dryer
Models		DV53BB8900**
Dimensions (in. (mm))	A. Overall height	38.7 (984)
	B. Width	27 (686)
	C. Depth with the door open	56.1 (1425)
	D. Depth	34.3 (872)

Installation requirements

Clearance requirement

This clearance requirement is applicable for dryers only.

NOTE

- For the washer's clearance requirement, see the washer's user manual.
- If the washer and dryer have different clearance requirements, use the one with the larger value.

Alcove or closet installations

⚠ WARNING

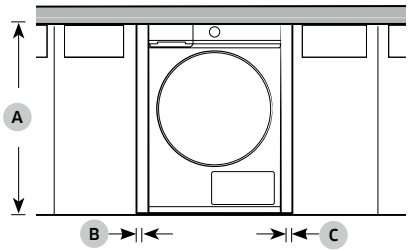
- The dryer must be exhausted to the outside to reduce the risk of fire when installed in an alcove or closet.
- No other fuel-burning appliance should be installed in the same closet as the dryer.
- Place the dryer at least 18 in. (460 mm) above the floor for a garage installation.

Minimum clearance for stable operation:

Sides	Top	Rear	Front
1 in. (25 mm)	1 in. (25 mm)	2 in. (50 mm)	1 in. (25 mm)

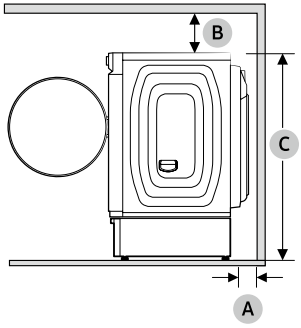
If both the washer and a dryer are installed in the same location, the front of the alcove or closet must have two unobstructed air openings for a combined minimum total area of 72 $in.^2$ (465 cm^2).

Undercounter installation



A	39.7 in. (1009 mm)
B	1 in. (25 mm)
C	1 in. (25 mm)

Pedestal installation

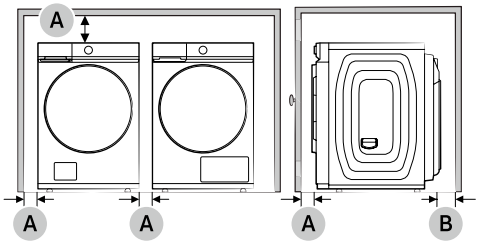


A	2 in. (50 mm)
B	6 in. (152 mm)
C	52.8 in. (1341 mm)

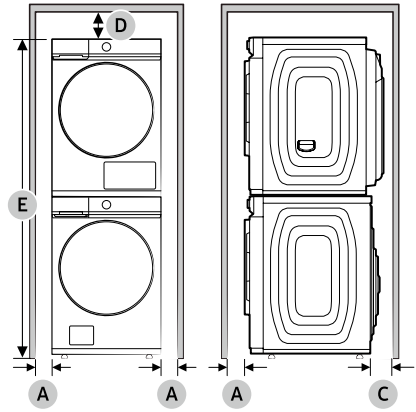
Installation requirements

This clearance requirement is applicable for washer and dryer pair installation.

Side-by-side installation



Stacked installation



A	1 in. (25 mm)
B*	2 in. (50 mm)
C	2 in. (50 mm)
D	6 in. (152 mm)
E	77.5 in. (1968 mm)

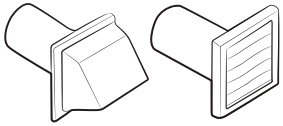
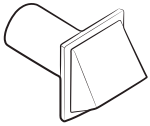
(B*): This clearance requirement only applies to the dryer. For the washer's clearance requirement, see the washer's user manual.

NOTE

Stacking (SKK-9AL*)

Many of Samsung's washers and dryers can be stacked to maximize usable space. You can purchase an optional stacking kit from your Samsung retailer. For details about stacking and compatible models, refer to the user manual included in the stacking kit you purchase.

Ducting requirements (Not applicable to ventless (heat pump) models)

Weather hood type	Recommended	Use only for short-run installation
	 4" (10.2 cm)	 2.5" (6.4 cm)
No. of 90° elbows	**Rigid**	**Rigid**
0	80 ft. (24.4 m)	74 ft. (22.6 m)
1	68 ft. (20.7 m)	62 ft. (18.9 m)
2	57 ft. (17.4 m)	51 ft. (15.5 m)
3	47 ft. (14.3 m)	41 ft. (12.5 m)

NOTE

* Use a 4-inch (10.2 cm) diameter rigid aluminum or galvanized steel duct.

If you integrate the dryer's vent system with an existing exhaust system:

- Make sure the exhaust system meets all applicable local, state, and national regulations.
- Verify you are not using a flexible plastic duct.
- Make sure to check for and remove all lint buildup from inside the existing ducts.
- Confirm the duct is not kinked or crushed.
- Make sure the exhaust hood damper opens and closes freely.

Manometer measurements

The static pressure in any exhaust system must not exceed 0.83 inches of water column or be less than 0. Note that these values are measured with the dryer running with a manometer presented to the exhaust duct that connects to the dryer. The dryer's drum must be empty and the lint filter must be clean.

Installation requirements

Exhausting requirements (Not applicable to ventless (heat pump) models)

The dryer must not be exhausted into a chimney, a wall, a ceiling, an attic, a crawl space, or a concealed space of a building. Exhausting the dryer to the outside will prevent large amounts of lint and moisture from being blown into the room.

In the United States and Canada

- All dryers must be exhausted to the outside.
- The required exhaust duct is 4 inches (10.2 cm) in diameter.
- See the "**Ducting requirements (Not applicable to ventless (heat pump) models)**" section for the maximum duct length and number of elbows that can be used.
- The total length of the flexible metal duct must not exceed 7'10½" (2.4 m).
- Do not assemble the duct with screws or other fasteners that extend into the duct and catch lint.
- **For the United States only**: Use only those foil-type flexible ducts, if any, specifically identified for use with the appliance by the manufacturer and that comply with the Outline for Clothes Dryer Transition Duct. Use Subject 2158A.

Outside the United States and Canada

- Refer to the local codes.

⚠ **WARNING**

- You must exhaust the dryer to the outside to reduce the risk of fire when you install the dryer in an alcove or closet.
- Do not use a plastic or non-metal flexible duct.
- If your existing ductwork is plastic, non-metal, or combustible, replace it with metal.
- Use only a metal exhaust duct that is non-flammable to ensure containment of exhaust air, heat, and lint.

Gas requirements (Not applicable to ventless (heat pump) models)

⚠ **WARNING**

- Use only natural or LP (liquid propane) gases.
- The installation must be conformed with local codes, or in the absence of local codes, with the national fuel gas code, ANSI Z223.1/NFPA 54, latest revision (for the UNITED STATES), or with the natural gas and propane installation code, CSA B149.1 (for Canada).
- Gas dryers are equipped with a burner vent for use with natural gas. If you plan to use your dryer with LP (liquid propane) gas, it must be converted for safe and proper performance by a qualified service technician. **(LNG models only)**
  You must check the burner of your model and use the proper LP Kit accordingly. To check the detail information of the burner, open the door and check the rating label location on the door frame.
  - 20,000 BTU: LPKIT-4/XAA (DC98-04114A)
  - 22,000 BTU: LPKIT-3/XAA (DC99-00792A)
- A $^{1}/_{2}$" (1.27 cm) gas supply line is recommended and must be reduced to connect to the $^{3}/_{8}$" (1 cm) gas line on your dryer. The National Fuel Gas Code requires that an accessible, approved manual gas shut-off valve be installed within 6" of your dryer.
- Gas dryers installed in residential garages must be raised 18 inches (46 cm) above the floor.
- Additionally, a $^{1}/_{8}$" (0.3 cm) N.P.T. (National Pipe Thread) plugged tapping, accessible for test gauge connection, must be installed immediately upstream of your dryer's gas supply connection.
- Your dryer must be disconnected from the gas supply pipe system during any pressure testing of the system.
- Do not reuse old flexible metal gas lines. Flexible gas lines must be designed and certified by the standard for connectors for Gas Appliances, ANSI Z21.24 • CSA 6.10.

NOTE

- Your dryer uses an automatic ignition system to ignite the burner. There is no constant burning pilot.
- Any pipe joint compound used must be resistant to the action of any liquefied petroleum gas.
- As a courtesy, most local gas utilities will inspect a gas appliance installation.

Commonwealth of Massachusetts installation instructions

Your dryer must be installed by a licensed plumber or gas fitter. A "T" handle manual gas valve must be installed in the gas supply line to your dryer. If a flexible gas connector is used to install your dryer, the connector can be no longer than 3' (36").

⚠ **WARNING**

- Gas leaks may occur in your system, creating a dangerous situation.
- Gas leaks may not be detected by smell alone.
- Gas suppliers recommend you purchase and install a UL-approved gas detector.
- Install and use in accordance with the manufacturer's instructions.

Installation requirements

Electrical requirements

The wiring diagram is located on the plate under the control panel or rear frame.

⚠ **WARNING**

When local codes allow, you can connect the dryer's electrical supply with a new power supply cord kit, marked for use with a dryer, that is U.L. listed and rated at a minimum of 120 / 240 volts, 30-amperes with three No. 10 copper wire conductors terminated with closed loop terminals, open-end spade lugs with turned up ends, or with tinned leads.

- Improperly connecting the equipment grounding conductor can result in a risk of electric shock. Check with a qualified electrician or serviceman if you are in doubt as to whether your dryer is properly grounded. Do not modify the plug provided with your dryer – if it doesn't fit the outlet, have a proper outlet installed by a qualified electrician.
- To prevent unnecessary risk of fire, electrical shock, or personal injury, all wiring and grounding must be done in accordance with local codes, or in the absence of local codes, in accordance with the National Electrical Code, ANSI/NFPA No. 70-Latest Revision (for the U.S.) or the Canadian Electrical Code CSA C22.1 – Latest Revisions and local codes and ordinances. It is your responsibility to provide adequate electrical service for your dryer.
- All gas installations must be done in accordance with the National Fuel Code ANSI/Z2231 – Latest Revision (for the U.S.) or CAN/CGA – B149 Installation Codes – Latest Revision (for Canada) and local codes and ordinances.

Grounding

This dryer must be grounded. In the event of a malfunction or breakdown, the ground will reduce the risk of electrical shock by providing a path of least resistance for the electrical current.

Gas models

⚠ **WARNING**

- Your dryer has a cord with an equipment-grounding conductor and a 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.
- Do not modify the plug provided with your dryer – if it doesn't fit the outlet, have a proper outlet installed by a qualified electrician.
- Do not connect the ground wire to plastic plumbing lines, gas lines, or hot water pipes.

Electric models

⚠ **WARNING**

- Your dryer has an optional cord with an equipment-grounding conductor and a grounding plug. This cord is sold separately.
- The plug must be plugged into an appropriate outlet that is properly installed and grounded in accordance with all local codes and ordinances.
- Do not modify the plug provided with your dryer – if it doesn't fit the outlet, have a proper outlet installed by a qualified electrician.

- If a power cord is not used and the electric dryer is to be permanently wired, the dryer must be connected to a permanently grounded metal wiring system, or an equipment grounding conductor must be run with the circuit conductors and connected to the equipment grounding terminal or lead on the dryer.

Electrical connections

Before operating or testing, follow all grounding instructions in the "**Grounding**" section. An individual branch (or separate) circuit serving only your dryer is recommended.

Do not use an extension cord.

Gas models – U.S. and Canada

A 120 volt, 60 Hz AC approved electrical service with a 15-ampere fuse or circuit breaker is required.

Electric models – U.S. only

Most U.S. dryers require a 120 / 240 volt, 60 Hz AC approved electrical service. Some require 120 / 208 volt, 60 Hz approved electrical service. The electric service requirements can be found on the data label located behind the door. A 30-ampere fuse or circuit breaker on both sides of the line is required.

- If a power cord is used, the cord should be plugged into a 30-ampere receptacle.
- The power cord is not provided with U.S. electric model dryers. This cord is sold separately.

Risk of Electric Shock

⚠ **WARNING**

When local codes allow, you can connect the dryer's electrical supply with a new power supply cord kit, marked for use with a dryer, that is U.L. listed and rated at a minimum of 120 / 240 volts, 30-amperes with three No. 10 copper wire conductors terminated with closed loop terminals, open-end spade lugs with turned up ends, or with tinned leads.

- Do not reuse a power supply cord from an old dryer. The power cord electric supply wiring must be supported at the dryer cabinet by a suitable UL-listed strain relief.
- Grounding through the neutral conductor is prohibited for (1) new branch-circuit installations, (2) mobile homes, (3) recreational vehicles, and (4) areas where local codes prohibit grounding through the neutral conductor. (Use a 4-prong plug for a 4–wire receptacle, NEMA type 14-30R.)

Electric models – Canada Only

A 120 / 240 volt, 60 Hz AC approved electrical service fused through a 30-ampere fuse or circuit breaker on both sides of the line is required.

NOTE

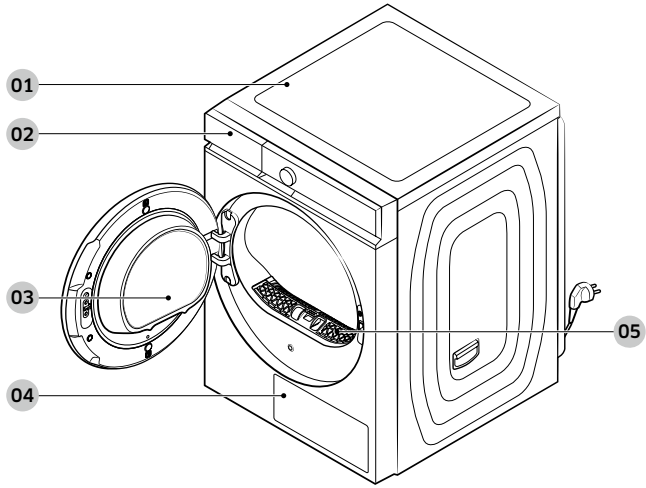
All Canadian models are shipped with the power cord attached. The power cord should be plugged into a 30-ampere receptacle. In Canada, you may convert a dryer to 120 / 208 volts.

Installation

This dryer must be installed by a qualified technician. The installer is responsible for connecting the dryer to the main power while observing the relevant safety regulations of your area.

What's included

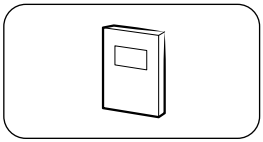
Make sure all the parts are included in the product package. If you have a problem with the dryer or the parts, contact a local Samsung customer center or the retailer.



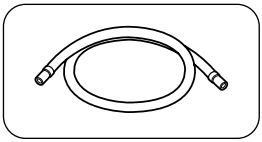
01 Worktop **02** Control panel **03** Lint filter

04 Door

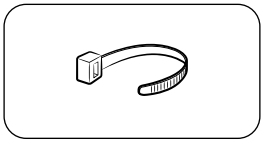
Accessories (supplied)



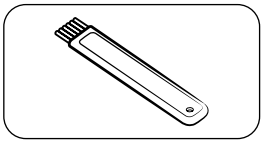
User manual



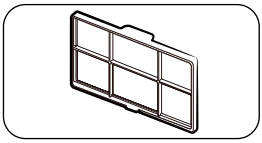
Long drain hose (2 m)



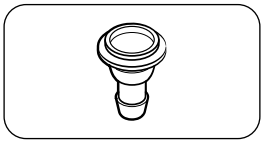
Cable tie



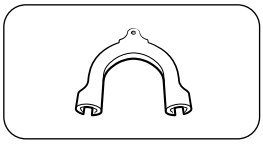
Cleaning brush



Micro soft filter (Optional Filter)



Hose connector



Hose guide

NOTE

- The stacking kit allows the dryer to be stacked on top of a washer. Please note that the stacking kit can only be used with Samsung washers and dryers. To purchase a stacking kit above, contact a Samsung service center or local appliance retailer. The stacking kit differs with the washer 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 washer, see the user manual included in your Samsung washer.

⚠ WARNING

Packing materials can be dangerous to children. Keep all packing materials (plastic bags, polystyrene, etc.) out of children's reach.

Installation

Step-by-step installation

Make sure you have a qualified technician install the dryer. Step-by-step installation instructions start below.

- Do not remove the protective film on the door before completing the product installation. If you remove the protective film before the installation is complete, the door may get scratched or damaged during installation.
- Make sure the installation location allows enough space for the dryer door to be fully open.

STEP 1 Install the exhaust system

1. Select a location and move the dryer to the site. For easy access, we recommend you install the dryer in the same location as your washer.
2. To change the door direction, see "**Door reversal**" on page **36**.
3. Install the exhaust system as instructed in the "**Exhaust ducting guide (Not applicable to ventless (heat pump) models)**" section. (Not applicable to ventless (heat pump) models)

⚠ **CAUTION**

Before installing your dryer, remove the packing in the duct.

NOTE

- To move the dryer easily, lay two of the carton cushions from the packaging on the floor. Tip the dryer on its side so it lies across both cushion-tops. Push the dryer so that it is near its final location, and then set the dryer upright.
- Secure room around the dryer to facilitate ducting and wiring.

STEP 2 Connect the gas line (for gas models)

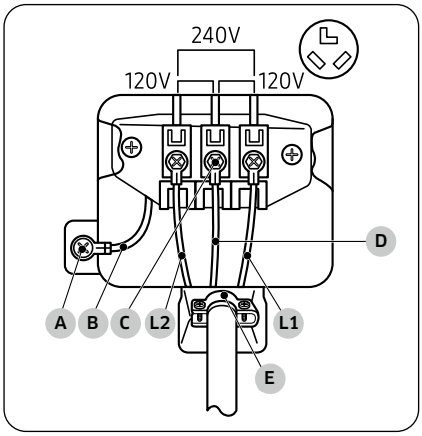
Before connecting the gas line, make sure you have read the "**Gas requirements (Not applicable to ventless (heat pump) models)**" section on page **21**.

1. Remove the protective cap from the gas pipe.
2. Apply an LPG (Liquefied Petroleum Gas)-safe compound or 1.5 wraps of Teflon tape to all threaded connections.
3. Connect the gas supply to the dryer. An additional fitting is required to connect the $^{3}/_{4}$" (1.9 cm) female thread end of a flexible connector to the $^{3}/_{8}$" (1 cm) male threaded end on the dryer. Tighten up the fitting over all threads.
4. Turn on the gas supply, and check for any leaks using a soap solution. If a leak is found, tighten the connections and try again. Do not use an open flame to check for gas leaks.

STEP 3 Connect the electrical wiring (for electric models)

Before connecting the electrical wiring, make sure you have read the "**Electrical requirements**" section on page **22**.

3-wire system



A. External ground connector
B. Neutral grounding wire (white)
C. Center silver-colored terminal block screw
D. Neutral wire (white or center wire)
E. 3/4" (1.9 cm) UL-listed strain relief

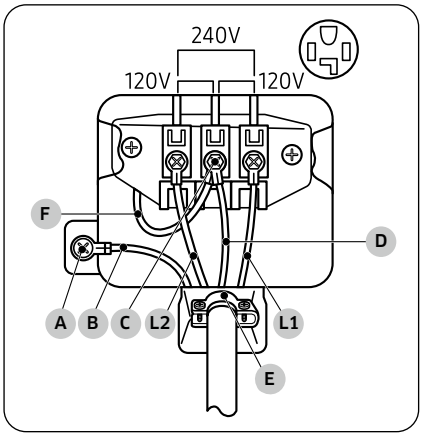
1. Loosen or remove the screws from the center terminal block.
2. Connect the neutral wire (white or center wire) of the power cable to the center, silver-colored terminal screw of the terminal block. Tighten the screws.
3. Connect the other wires to the outer terminal block screws. Tighten the screws.
4. Tighten the strain relief screws.
5. Insert the terminal block cover into the rear panel of the dryer. Then, secure the cover with a hold-down screw.

⚠ **CAUTION**

- To convert from the 4-wire system to a 3-wire system, connect the ground strap to the terminal block support to ground the dryer frame to the neutral conductor.
- Ring-type terminals are recommended. If using strap terminals, make sure they are tightened.
- Connect the power cord and check the L1/L2/D (N) voltage. If the voltage is low, it may not heat properly. Review the "**Electrical requirements**" section on page **22** if needed.

Installation

4-wire system



A. External ground connector
B. Neutral grounding wire (white)
C. Center silver-colored terminal block screw
D. Neutral wire (white or center wire)
E. 3/4" (1.9 cm) UL-listed strain relief
F. Neutral wire (white or center wire)

1. Remove the external ground connector's screw and connect the ground wire (green or unwrapped) of the power cable to the screw.

   ⚠ **CAUTION**
   - To connect the ground wire to the neutral position without through contact A (cabinet ground), contact a technician. This is not user serviceable.
   - Ring-type terminals are recommended. If using strap terminals, make sure they are tightened.
2. Loosen or remove the screws from the center terminal block.
3. Connect the neutral wire (white or center wire) and ground wire (white) to the center screw of the terminal block. Tighten the screw.
4. Connect the other wires to the outer terminal block screws. Tighten the screws.
5. Tighten the strain relief screws.
6. Insert the tab of the terminal block cover into the rear slot of the dryer. Secure the cover with a hold-down screw.

⚠ **CAUTION**

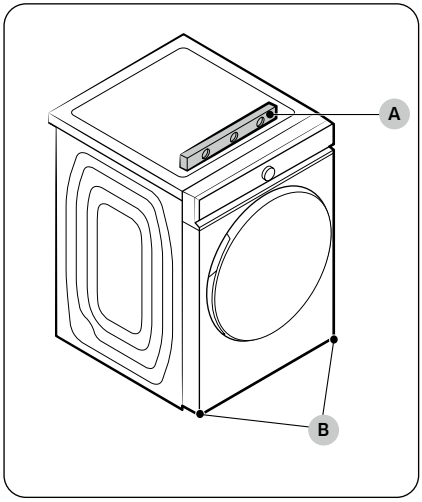
Connect the power cord and check the L1/L2/D (N) voltage. If the voltage is low, it may not heat properly. Review the "**Electrical requirements**" section on page **22** if needed.

⚠ **WARNING**

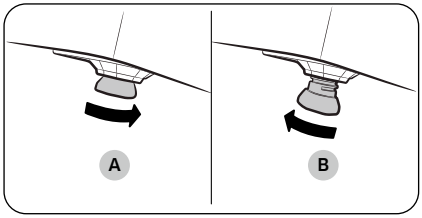
- All U.S. models are designed for a 3-wire system connection. The dryer frame is grounded to the neutral conductor at the terminal block. A 4-wire system connection is required for new or remodeled construction, mobile homes, or if local codes do not permit grounding through neutral. If you use the 4-wire system, you cannot ground the dryer frame to the neutral conductor at the terminal block.
- Remove the terminal block cover plate. Insert the power cord with a UL-listed strain relief through the hole provided in the cabinet near the terminal block.
- A strain relief must be used. Do not loosen the nuts already installed on the terminal block. Be sure they are tight. Use a 3/8" (1 cm) deep well socket.
- Since January 1, 1996, the National Electric Code requires that new wiring (not existing) utilize a 4-wire connection to this dryer.

STEP 4 Level the dryer

To ensure optimal performance, the dryer must be level.



Using a **level (A)**, check if the dryer is level side to side and then front to back. If the dryer is not level, turn the **leveling feet (B)** clockwise to lower the dryer or counterclockwise to raise the dryer.



NOTE

- To set the dryer to the same height as your washer, fully **retract (A)** the leveling feet by turning them counterclockwise, then **loosen (B)** the feet by turning them clockwise. Once the dryer is the same height as the washer, follow the directions above to level the dryer.
- Adjust the leveling feet only as much as necessary to level the dryer. Extending the leveling feet more than necessary can cause the dryer to vibrate.

Installation

STEP 5 Power on (for gas models)

Make sure all gas connections, the exhaust line, and all wiring are connected correctly. Then, plug the power cord into a power source and check the dryer's installation and operation using the final checklist in Step 6 below.

STEP 6 Final Check

When the installation is complete, confirm that:

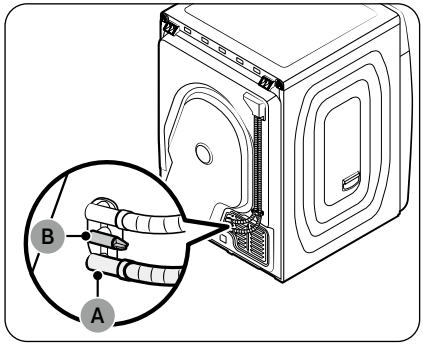
- The dryer is plugged into an electrical outlet and grounded properly.
- The exhaust ductwork is connected, and the joints are taped.
- You have used rigid or stiff-walled flexible metal duct material, not plastic flexible duct.
- The dryer is level and is sitting firmly on the floor.
- The dryer starts, runs, heats, and shuts off properly.
- The gas is supplied properly with no leaks (For gas models only).

⚠ **CAUTION**

The burner may not ignite initially due to air in the gas line. Allowing your dryer to operate on a heat setting will purge the line. If the gas does not ignite within 5 minutes, turn your dryer off and wait 5 minutes. Be sure the gas supply to your dryer has been turned on. To confirm gas ignition, check the exhaust for heat.

Connect the drain hose

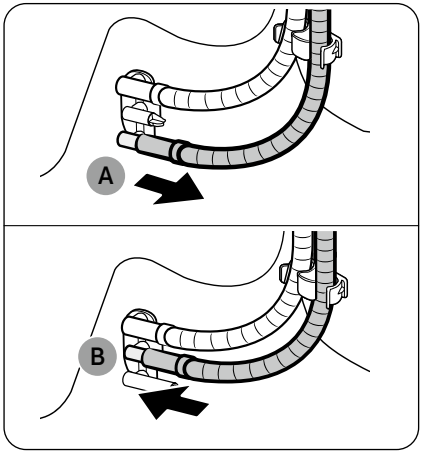
Draining directly into a drainage system



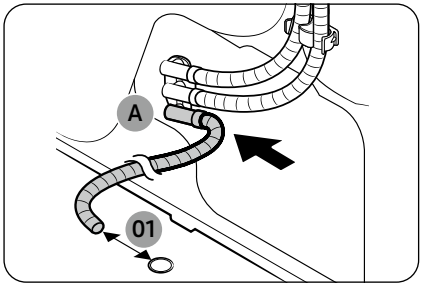
- We strongly recommend draining condensed water directly into your drainage system instead of draining to the built-in water tank.
- Use the provided accessory hose (long drain hose) to drain condensed water directly to your drain system instead of draining to the built-in water tank (which is a default 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.



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

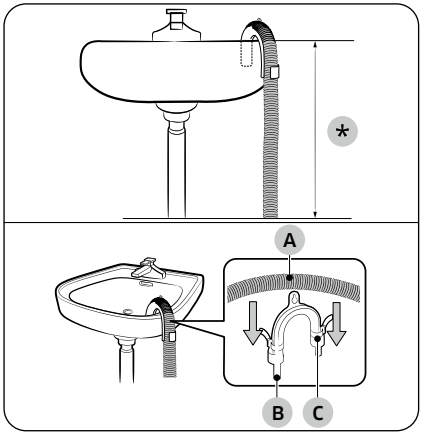


01 70 mm

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

Installation

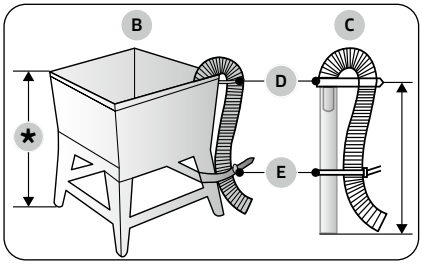
Over a laundry sink:



1. Make sure to place the end of the accessory hose no more than **3 ft. (90 cm)** above the bottom of the dryer.
2. To bend the accessory hose so that it hooks over the edge of the sink, 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)**.

⚠ **CAUTION**

Do not extend the drain hose by connecting another hose to it. Water can leak from the connected area. If you need more length, use a longer drain hose.

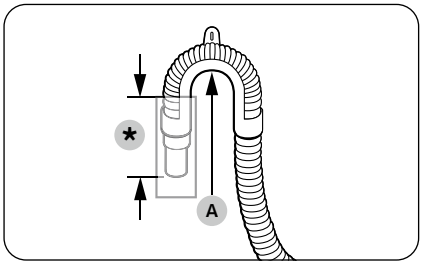


In a standpipe or laundry tub

The **laundry tub (B)** or **standpipe (C)** must be no higher than 35.4 in. (90 cm). Make sure the drain hose and the standpipe are not airtight.

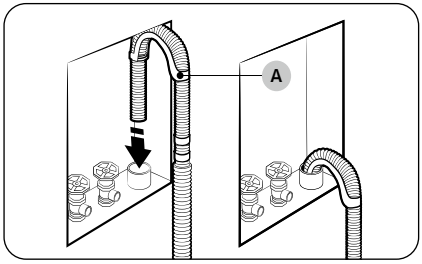
NOTE

D: Hose retainer / E: Tie straps



⚠ **CAUTION**

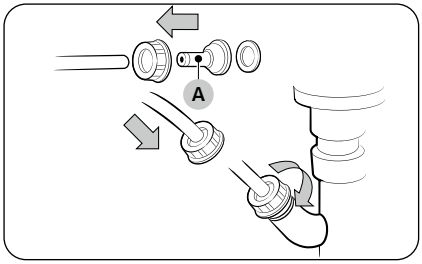
- Connect the **hose guide (A)** within 6 in. (15 cm)* of the end of the drain hose. If the drain hose is extended beyond the end of the hose guide, mold or microorganisms could spread inside the dryer.
- The drain hose can be installed up to 35.4 in. (90 cm) high, but the draining capability can be reduced at the maximum height. Too much water remaining in the dryer may cause malfunction.



Wall standpipe drain system

The drain hose can be placed into a wall standpipe drain system. To keep the end of the drain hose bent, use the supplied **hose guide (A)**. Secure the guide to the wall using a hook to ensure stable drainage.

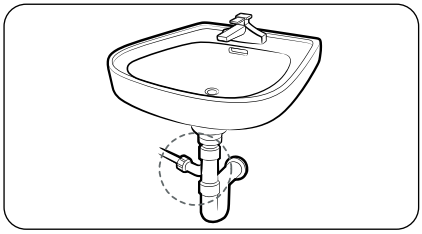
By using the drain pipe of the laundry sink:



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

⚠ **CAUTION**

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



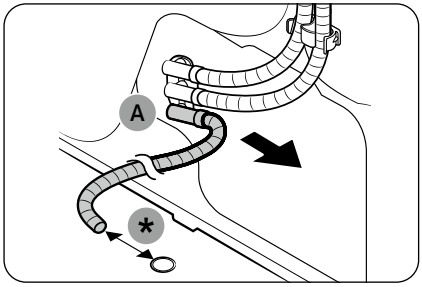
2. Connect the hose adaptor directly to the drain pipe of the laundry sink.

⚠ **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 Dry cycle if there is an unpleasant smell inside the dryer.

Installation

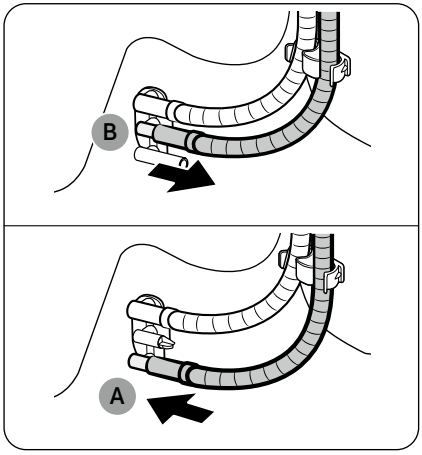
Draining to the water tank



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.

Installation checklist

- The dryer is plugged into a properly grounded outlet.
- All packaging material is completely removed and properly disposed.
- The dryer is level and standing firmly on the floor.
- The long drain hose is installed if you want water captured by the drying process drained automatically.
- Start the dryer to make sure that it runs, heats, and shuts off.
- Run a **TIME DRY** cycle for 20 minutes to see if the **HC** information code is displayed. If this is the case, contact a local service center.
- After installation, we recommend that you wait at least 1 hour before using the dryer.

Before using the dryer

- Make sure no accessory remains inside the drum.
- Plug in the power cord just before operating the dryer.
- Do not block the air inlet hole of the cooling grill at the front of the dryer.
- Do not place flammable objects near the dryer and keep the surrounding area clean.
- Keep the dryer level with the ground.
- Do not remove the adjustable leveling feet of the dryer. They are necessary to keep the dryer level.

Installation

Exhaust ducting guide (Not applicable to ventless (heat pump) models)

Ducting

1. Make sure the dryer is installed properly so the air exhausts freely.
2. Use 4-inch rigid metal ducts. Tape all joints including the dryer connection. Never use lint-trapping screws.
3. To facilitate the exhaust, keep the ducts as straight as possible.

Cleaning

Clean all old ducts before installing the dryer, and make sure the vent flap opens and closes freely. We recommend that you clean the exhaust system annually or on a regular basis.

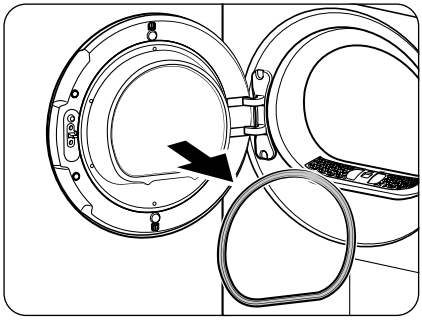
⚠ **WARNING**

- To prevent fire, do not use plastic, thin-foil, or non-metal flexible ducts of any kind.
- Do not use a poor exhaust system because it slows down the dryer's performance.
- Do not use excessively long ducts that have multiple elbows.
- Do not use crushed or clogged venting or ducts.

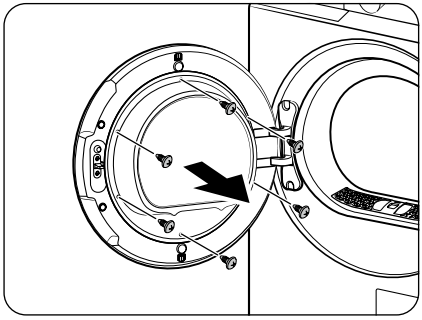
Door reversal

⚠ **CAUTION**

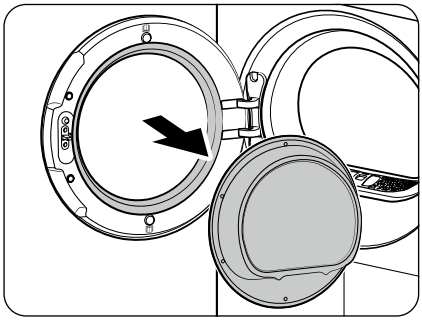
- Unplug the power cord before you reverse the door.
- Put a soft rug on the floor to place the door when you remove it. This will prevent the door from being scratched.



1. Remove the door glass gasket.



2. Remove the six screws fastening the door glass at the inner side of the door.
   - Remove the bottom three screws first.

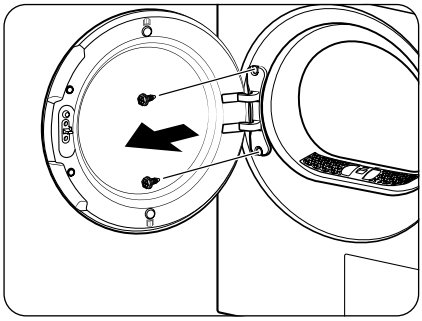


3. Disassemble the door glass.

⚠ **CAUTION**

Be careful not to drop it during disassembling.

- You may damage the parts, and broken glass parts may lead to injury.

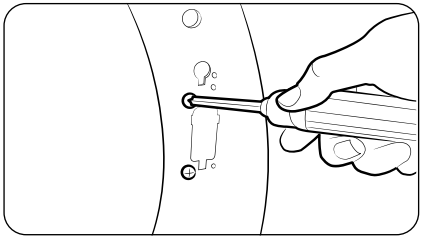


4. Remove the two screws fastening the door to disassemble the door.
   - Use an Allen Wrench to prevent the screws from wearing out.

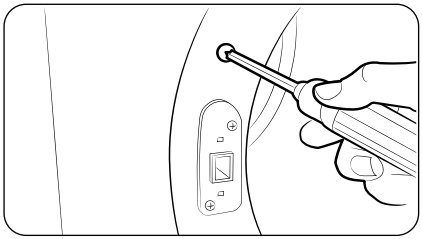
NOTE

There is a screw on the back side of the hinge that will support the door as you unscrew the hinge screws.

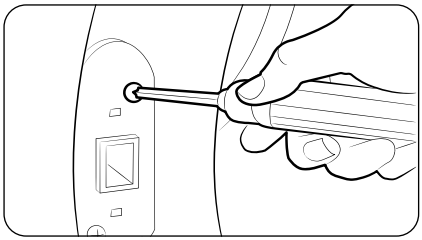
Installation



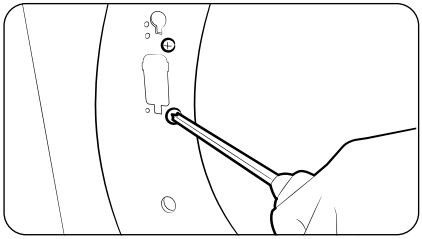
5. Remove the two screws that are above and below the cut-out in the front frame.



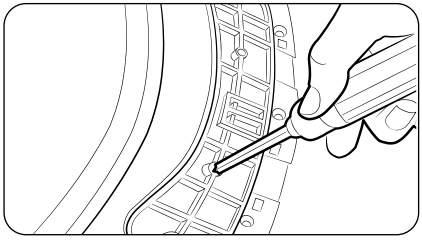
6. Remove the two screws above and below the lever holder on the opposite side of the door opening.



7. Remove the two screws that hold the lever holder in place, and then remove the lever holder.



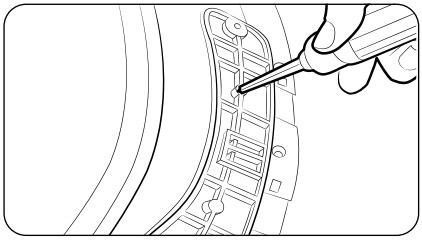
8. Re-insert the two screws that held the lever holder into the same screw holes, and then tighten.



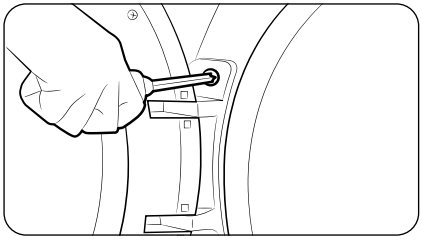
9. Remove the single screw from the back of the door hinge.

NOTE

This is the screw that supports the door against the frame so you can unscrew or screw in the hinge without needing to support the door yourself.



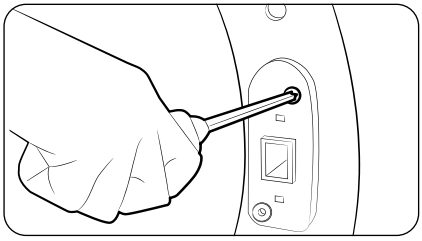
10. Insert the screw you just removed into the other screw hole on the back of the door hinge, and then tighten.



11. Place the door on the other side, and then reattach it to the dryer.

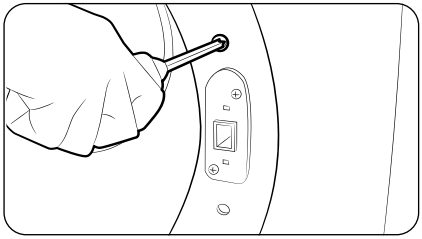
NOTE

Insert the head of the screw on the back of the hinge into the hole above the cut-out in the frame, and then slide the door hinge down until it stops. Make sure the protrusion on the back of the hinge is pressed into the cut-out before you tighten the hinge screws.

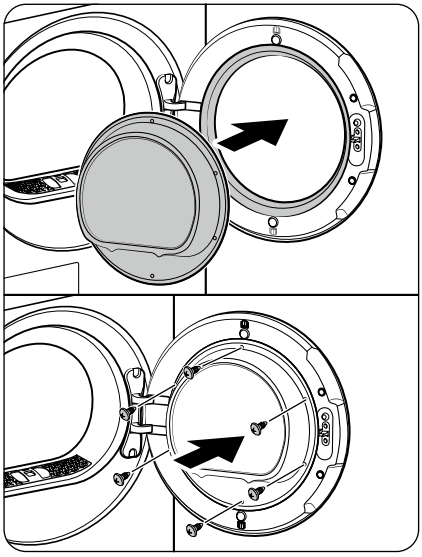


12. Push the lever holder into the cut-out on the other side of the door opening. Insert screws, and then tighten as shown.

Installation



13. Re-attach the remaining screws to the remaining holes above and below the lever holder, and then tighten.

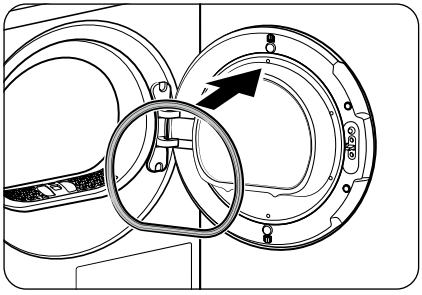


14. Attach the door on the opposite side and put the door glass back in its place.

15. Fasten the door glass with the six screws.

NOTE

Firmly hold the door glass to prevent from dropping it while you fasten it with the screws.



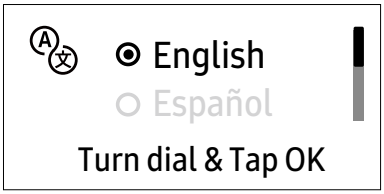
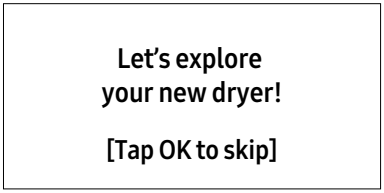
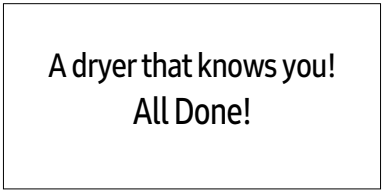
16. Assemble the door glass gasket back onto its place.

Before you start

Here are a few things you should know before starting your dryer.

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 text.
- Operating the washer and dryer at the same time may result in a loss of power depending on where they are installed and your electrical power status.

<table>
<tr><td>01 Language selection</td><td>02 Welcome screen</td></tr>
<tr><td>
</td><td>
</td></tr>
<tr><td colspan="2">03 Tutorial</td></tr>
<tr><td>
</td><td>
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</table>

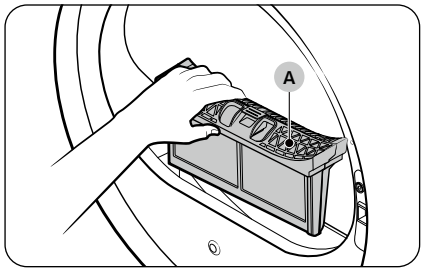
Before you start

Sort and load

- Put one wash load in the dryer at a time.
- Do not mix heavy and lightweight items.
- 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.
- Overloading reduces the tumbling action, resulting in uneven drying and wrinkling.
- Unless recommended on the care label, do not dry woolens or fiberglass items.
- Avoid drying unwashed items.
- Do not dry items soiled with oil, alcohol, gasoline, etc.

Functional prerequisite

Lint filter



To prevent a risk of fire, make sure to clean the lint filter before or after every load.

1. Turn off the dryer.
2. Open the door and pull out the **lint filter (A)** from inside the drum.
3. Open the lint filter by separating it at the top. Remove the lint, and then clean the lint filter.
4. Close the lint filter, reinsert the lint filter into the dryer, and then close the dryer door.

⚠ **CAUTION**

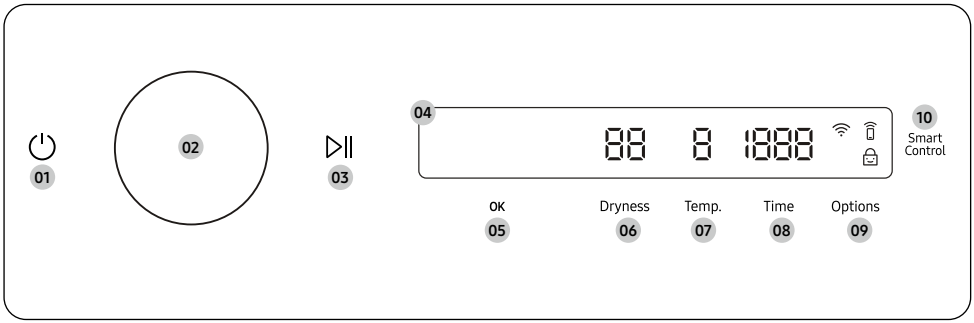
- Do not operate the dryer without the lint filter in place.
- Do not use a damaged or broken lint filter. This may reduce performance and/or cause a fire.

Operations

⚠ **WARNING**

To reduce the risk of fire, electric shock, or injury, read the "**Safety information**" before operating this appliance.

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, additional features, 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 Dryness	Tap to change the dry level for the selected cycle. You can select from levels **1** to **4**, but the 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 the fabric. Suitable for delicate items or items you want to naturally dry (by hanging or laying flat on a drying rack) while they are damp.

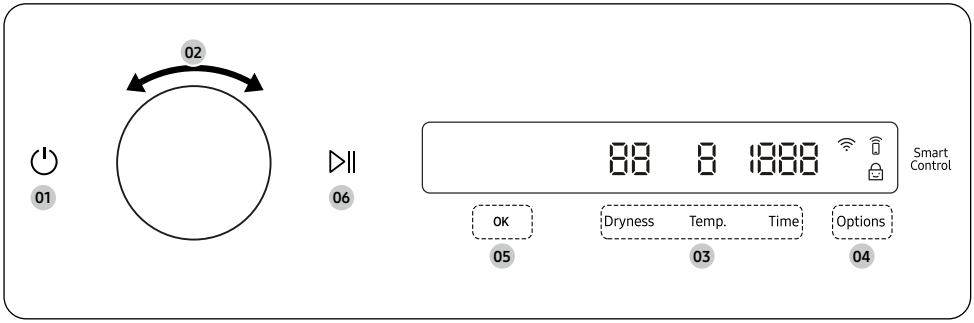
Operations

07 Temp.	Temperature can only be adjusted in Time Dry cycle. Tap to change the temperature of the current cycle.
08 Time	Tap to select the cycle time for Time Dry, Air Fluff or Self Dry. You can set the drying time between 20 minutes and 240 minutes. Available drying time depends on the selected cycle.
09 Options	• Tap to enter the Options menu. • Tap and hold for 3 seconds to enter the Settings menu.
10 Smart Control	After connecting the Tumble Dryer to your home network using the SmartThings app, you can control the dryer remotely. When started, the Smart Control indicator turns on. The dryer enters waiting mode and waits for remote commands.

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 **53**.
	**Child Lock**	This icon indicates that Child Lock is on. For more information on "**Child Lock**", see page **50**.

Operating a cycle



1. Tap ⏻ to turn on the dryer.
2. Turn the **Navigation dial** to select the cycle you want. For more information on "**Cycle overview**", see page **46**.
3. Tap **Dryness**, **Temp.**, or **Time** to change the default cycle settings.
4. Tap **Options**, and then turn the **Navigation dial** to select an option. For more information on "**Options**", see page **48**.
5. Tap **OK** to change the settings for the selected option. Some cycles may not have an available option.
6. Tap and hold ▷‖ to start the operation. Once you set the cycle you want, the screen displays a brief cycle description, and cycle time. You can also check the cycle progress, remaining cycle time, and information codes.

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 **49**.

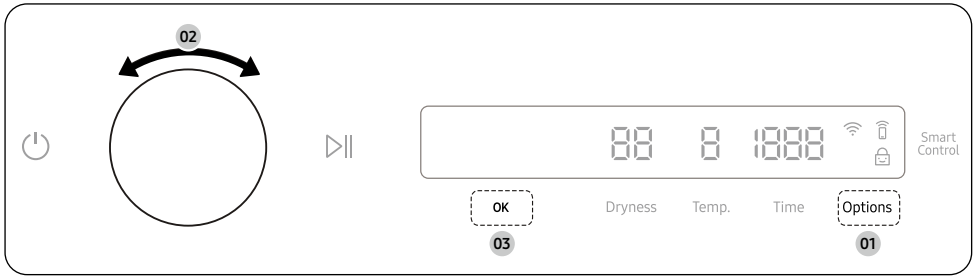
Cycle	Description
Normal	For most fabrics including cotton and linens.
AI Optimal Dry	Auto-optimized drying by AI according to the load and ambient temperature.
Time Dry	Use to set a desired dry time. Turn the **Navigation dial** to select **Time Dry** and tap **Time** to set the drying time between 20 minutes and 240 minutes. Tap **Time** 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, set the minimum drying time (20 minutes). Excessive drying may cause damage or deform to an item.
Super Speed	For mixed loads consisting of cotton and synthetic fabrics.
Delicates	For the delicate items to be handled with care such as lingerie.
Sanitize	For sanitizing wet and dry clothes to eliminate bacteria.
Towels	Use to dry loads such as bath towels.
Bedding	For bulky items such as blankets, sheets, comforters, and light duvets.
Air Bedding Care	For dusting off clothes, bedspreads, bed sheets, and bedding covers, etc.
Activewear	For exercise wear and outdoor wear such as sports jerseys, training pants, and other performance clothing.
Denim	For drying items made out of denim, such as jeans.
Shirts	Use to quickly dry a few items such as a shirt.
Blouses	For blouses made of polyester (Diolen, Trevira), polyamide (Perlon, nylon), or other similar blends.
Wool	For machine washable and tumble dryable wool only. For best results, turn laundry inside out before drying.
Perm Press	Dry wrinkle-free cotton, synthetic fabrics, knits, and permanent press fabrics automatically.
Iron Dry	This cycle finishes the drying process in a moist state, which facilitates ironing.

Cycle	Description
Eco Normal	For reducing energy usage. This cycle adjusts the cycle time and temperature for increased efficiency.
Air Fluff	For freshening up or airing items of laundry that have not been worn for long. Turn the **Navigation dial** to select **Air Fluff** and tap **Time** to set the drying time between 20 minutes and 240 minutes. Tap **Time** repeatedly to select the available time options in this order: **20** / **30** / **40** / **50** / **60** / **90** / **120** / **150** / **180** / **240**.
Down Jacket Care	For fluffing up a down jacket.
Outdoor Care	For restoring the water repellent properties of outdoor wear treated with water repellent agents such as skiwear and mountain clothing.
Self Dry	For efficiency and hygiene, remove all items from inside of the dryer and run the self drying cycle.

Operations

Options

Using Options



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

NOTE

- To return to the main screen, tap **Options** again or turn the **Navigation dial** to select **Back** and tap **OK**.
- If the selected option is not supported, the "**Currently not supported**" message is displayed, and the **OK** 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.

Wrinkle Prevent

Reduces wrinkles by rotating the drum intermittently after completing the dry cycle. Wrinkle Prevent provides approximately 180 minutes. The load is dry and can be removed at any time during the Wrinkle Prevent cycle.

1. Tap **Options**.
2. Turn the **Navigation dial** to select **Wrinkle Prevent**, and then tap **OK**.
3. Tap **OK** to select **On** or **Off**.

Damp Alert

This option 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 option is available for Normal, AI Optimal Dry, Super Speed, Delicates, Activewear, Denim, Shirts, Blouses, Perm Press, and Eco Normal with Dryness set to 2-5.
2. Tap **Options**.
3. Turn the **Navigation dial** to select **Damp Alert**, and then tap **OK**.
4. Tap **OK** to select **On** or **Off**.

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 **Options**.
2. Turn the **Navigation dial** to select **Optional filter**, and then tap **OK**
3. Tap **OK** 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 OK**" or "**Clean heat exchanger optional filter & tap OK**" message appears on the display, clean both the heat exchanger and the Optional Filter. (Refer to the "**Heat exchanger**" section on page **63** and the "**Micro soft filter (Optional Filter)**" section on page **65**.)

My Cycles

Add or remove cycles to create a personal cycle list.

1. Tap **Options**.
2. Turn the **Navigation dial** to select **My Cycles**, and then tap **OK**.
   - You can only edit a cycle to create a personal cycle when the dryer is not operating.
3. Turn the **Navigation dial** to select the desired cycle.
4. Tap **OK** to add or remove the selected cycle.
   - The addition and removal of a cycle are saved automatically.
5. Tap **Options** or select **Back** to finish My Cycles setting.

NOTE

The Normal cycle cannot be removed from the cycles list.

Operations

Drum Light

You can turn the drum light on or off.

1. Tap **Options**.
2. Turn the **Navigation dial** to select **Drum Light**, and then tap **OK**.
3. Tap **OK** to select **On** or **Off**.
   - 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.

Child Lock

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

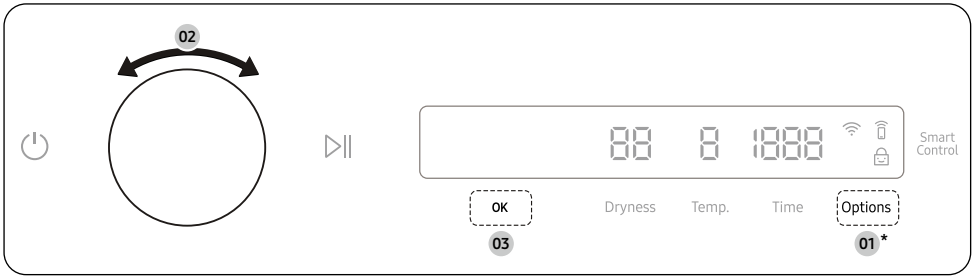
1. Close the door.
2. Tap **Options**.
3. Turn the **Navigation dial** to select **Child Lock**, and then tap **OK**.
4. Tap **OK** to select **On** or **Off**.
   - The **Child Lock** icon turns on when the option is on.
   - You cannot turn on Child Lock with the door open. If you get the "**Close 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 **Options**.
- If you tap a button with Child Lock on, an alarm triggers with the "**Child Lock on**" message.
- 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.
- To dismiss a notification message, turn off Child Lock or the power.

Settings

Using Settings



* Tap and hold 3 seconds.

1. Tap and hold **Options** for 3 seconds.
2. Turn the **Navigation dial** and select the desired setting, and then tap **OK**.
3. Tap **OK** to change the settings or start the function.

NOTE

- To return to the main screen, tap **Options** again or turn the **Navigation dial** to select **Back** and tap **OK**.
- If you do not manipulate the control panel for 7 seconds after entering the Settings menu, the display returns to the main screen.

AI Pattern

This function saves your frequently used cycles and settings.

1. Tap and hold **Options** for 3 seconds.
2. Turn the **Navigation dial** to select **AI Pattern**, and then tap **OK**.
3. Tap **OK** 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 (**Dryness**, **Time**) and saves them in frequently used order.
   - When you turn off the function, all the saved data reset.

Operations

Sound

You can turn on or off the sound from the dryer.

1. Tap and hold **Options** for 3 seconds.
2. Turn the **Navigation dial** to select **Sound**, and then tap **OK**.
3. Tap **OK** to select **On** or **Off**.
   - The default setting is **On**.

NOTE

The setting remains unchanged even if you restart the dryer.

Wi-Fi

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

1. Tap and hold **Options** for 3 seconds.
2. Turn the **Navigation dial** to select **Wi-Fi**, and then tap **OK**.
3. Tap **OK** 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.

Language

You can change the system language.

1. Tap and hold **Options** for 3 seconds.
2. Turn the **Navigation dial** to select **Language**, and then tap **OK**.
3. Turn the **Navigation dial** to select the desired language, and then tap **OK**.

Calibration

You can run the calibration again for accurate weight detection.

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

Factory Reset

You can reset your dryer.

1. Tap and hold **Options** for 3 seconds.
2. Turn the **Navigation dial** to select **Factory Reset**, and then tap **OK**.
   - Your dryer resets to the factory setting.

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 and hold **Smart Control** on the dryer.
  - **a.** The dryer enters AP mode and connects to your mobile device.
  - **b.** Tap **Smart Control** 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 problems after connecting your dryer with the SmartThings app.
- If the Wi-Fi is off, tap and hold **Options** for 3 seconds to navigate to **Settings**, select **Wi-Fi**, and tap **OK** to turn it on.
- Turning the dryer's Wi-Fi on allows you to connect to the dryer via the 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 off 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 icons appear on your dryer display.
3. Conveniently control your dryer using the SmartThings app

NOTE

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

Operations

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 by searching for "SmartThings". Download and install the app on your device.

NOTE

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

In addition, further updates on the 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 in to 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 you see the message "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.

Cycle chart

NOTE

For best results, follow the load size recommendations for each dry cycle.

- Large load: Fill the drum to about 3/4 full. Do not add items over this level as they need to tumble freely.
- Medium load: Fill the drum to about 1/2 full.
- Small load: Fill the drum with 3-5 items, not more than 1/4 full.

Cycle	Recommended items	Load size	Dry level
Normal	Cotton, mixed loads of cotton and synthetic fabrics	Large	Level 3 (Adjustable)
AI Optimal Dry	Cotton, mixed loads of cotton and synthetic fabrics	Large	Level 3 (Adjustable)
Time Dry	Any load	Large	-
Super Speed	Synthetic fabrics	Medium	Level 3 (Adjustable)
Delicates	Underwear, lingerie	Medium	Level 2 (Adjustable)
Sanitize	Cotton and linen fabrics	Medium	Level 4 (Not Adjustable)
Towels	Bath towels and similar items	Large	Level 3 (Adjustable)
Bedding	Blankets, sheets, comforters, pillows	Large	Level 3 (Adjustable)
Air Bedding Care	Blankets, sheets, comforters, pillows	Large	-
Activewear	Exercise wear, sports jerseys	Medium	Level 2 (Adjustable)
Denim	Jeans, denim	Medium	Level 2 (Adjustable)
Shirts	Shirts	Small	Level 3 (Adjustable)
Blouses	Blouses	Small	Level 2 (Adjustable)
Wool	Machine washable wool	Small	Level 1 (Not Adjustable)
Perm Press	Wrinkle-free cotton, synthetic fabrics	Medium	Level 2 (Adjustable)
Iron Dry	Cotton and linen fabrics	Small	Level 1 (Not Adjustable)
Eco Normal	Cotton, mixed loads of cotton and synthetic fabrics	Large	Level 3 (Adjustable)
Air Fluff	All types of fabric	Small	-
Down Jacket Care	Down-filled jacket	Small	-
Outdoor Care	Water-repellent wear	Small	-
Self Dry	-	-	-

Operations

NOTE

● : factory setting, ○ : can be selected

Cycle	Functions (Temp. Control)	Time	Options	
			Damp Alert	Wrinkle Prevent
Normal	Level 3		○	○
AI Optimal Dry	Level 3		○	○
Time Dry	Level 4 (Adjustable)	○		○
Super Speed	Level 4		○	○
Delicates	Level 1		○	○
Sanitize	Level 4			○
Towels	Level 4			○
Bedding	Level 4			○
Air Bedding Care	Level 3			○
Activewear	Level 2		○	○
Denim	Level 3		○	○
Shirts	Level 3		○	○
Blouses	Level 2		○	○
Wool	Level 1			○
Perm Press	Level 2		○	○
Iron Dry	Level 3			○
Eco Normal	Level 2		○	○
Air Fluff	-	○		○
Down Jacekt Care	Level 3			○
Outdoor Care	Level 3			○
Self Dry	Level 4	○		

Drying guide

The best way to dry items is to follow the instructions on the care label. If no drying instructions are provided, see the following table for reference.

Items	Description
Bedspreads & Comforters	Follow the care label instructions or dry using Bedding. • Make sure the item is thoroughly dry before using or storing. • May require repositioning in the drum to ensure even drying.
Blankets	Use Normal and dry only one blanket at a time for best tumbling action. • Make sure blankets are thoroughly dry before using or storing.
Curtains & Draperies	Use Perm Press and the Low temperature setting to help minimize wrinkling. • Dry curtains and draperies in small loads for best results and remove them as soon as possible after the cycle is complete.
Cloth Diapers	Use Normal and the Medium temperature setting for soft, fluffy diapers.
Down–filled Items (jackets, sleeping bags, comforters, etc.)	Use Normal and the Medium temperature setting. • Add a couple of dry towels to absorb moisture and shorten drying time.
Foam Rubber (rug backs, stuffed toys, shoulder pads, etc.)	Do not dry in a heat setting. ⚠ **WARNING** Drying a rubber item with heat may damage it or cause a fire.
Pillows	Use Normal. • Add a couple of dry towels and a pair of clean sneakers to help the tumbling action and to fluff the pillows. • Do not dry kapok or foam pillows using a heated drying cycle.
Plastics (shower curtains, outdoor furniture covers, etc.)	Use Time Dry and the Low temperature settings depending on the care label instructions.

⚠ **WARNING**

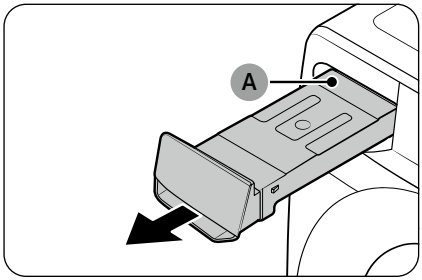
Do not dry:

- Fiberglass items (curtains, draperies, etc.)
- Woolens, unless recommended on the label
- Items spotted or soaked with vegetable or cooking oils

Maintenance

Emptying the water tank

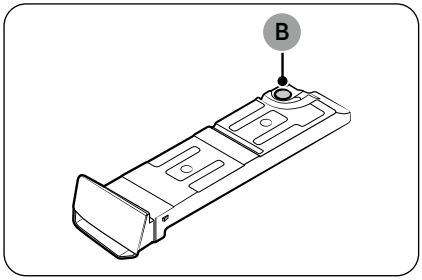
Empty the water tank after each use to prevent leaks.



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.



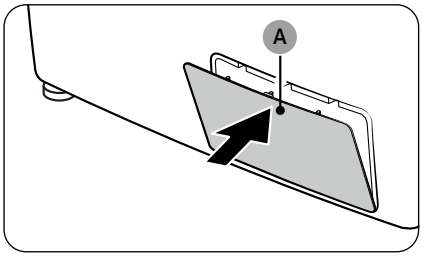
2. Empty the water through the **drain hole (B)**, and then clean inside the water tank.
   - Mix some neutral detergent in lukewarm water. Fill the water tank with the mixture through the **drain hole (B)** and leave it for 30 minutes. Then, rinse the tank with clean water and completely dry it.
3.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

NOTE

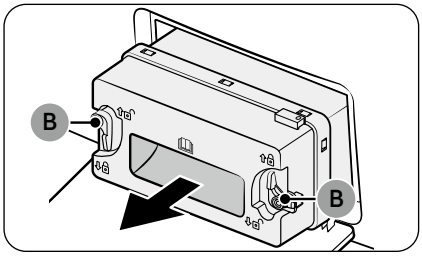
If the dryer displays the "**Empty the tank**" message and stops while drying is in progress, empty the water tank and tap and hold ▷||. The "**Empty the tank**" message will disappear, and the dryer will resume drying.

Installing the micro soft filter (Optional Filter)

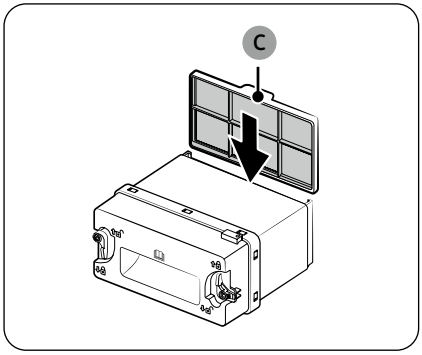
You can install the provided micro soft filter (Optional Filter) to prevent dust accumulation on the heat exchanger.



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

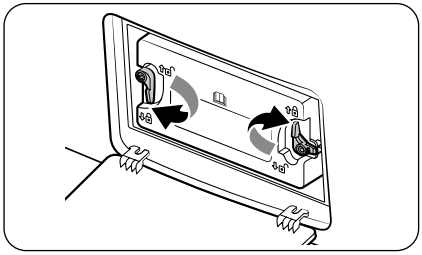


2. Unlock the inner cover **fixers (B)**, and then pull the inner cover to remove.



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.)

Maintenance



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 the remaining residue with a clean, dry cloth.

Door

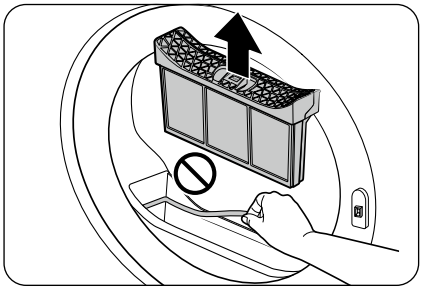
Foreign substances can contaminate or build up on the inside of the door. Clean the inside of the door using a soft piece of cloth or brush.

⚠ **CAUTION**

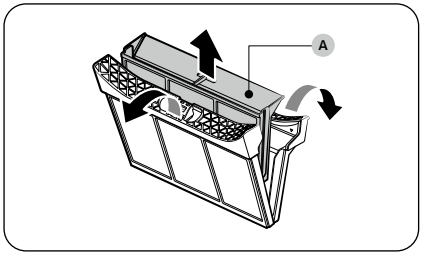
Do not detach the door's rubber sealing.

Lint filter

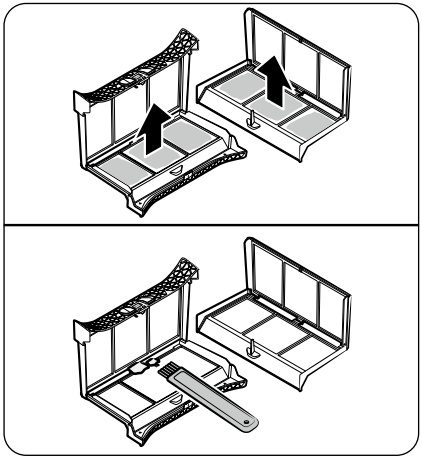
Clean the lint filter after each use.



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.

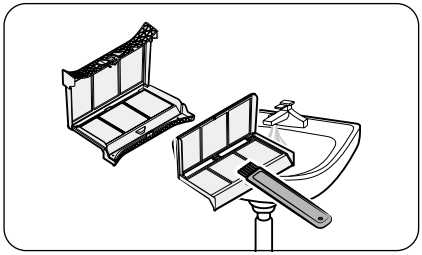


2. Open the outer filter and remove the **inner filter (A)**.



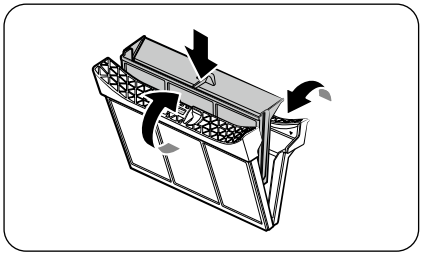
3. Spread open the outer filter and the inner filter.
4. Remove the lint from both filters, and then clean the filters with the cleaning brush.

Maintenance



NOTE

To clean the filters thoroughly, clean the filters in running water, and then dry them 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.

⚠ **WARNING**

Sharp Edges - to reduce the risk of injury, use care when cleaning the condenser or evaporator coil fins.

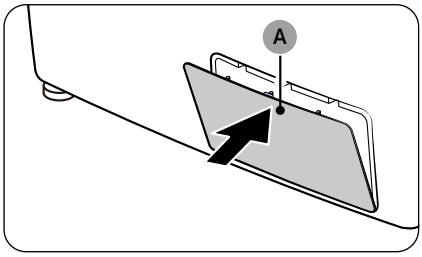
Heat exchanger

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

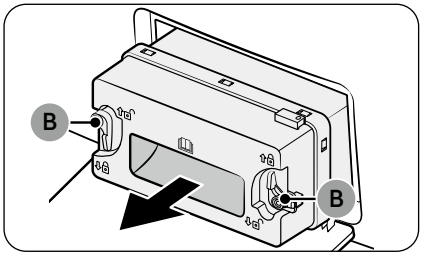
A dirty heat exchanger will hinder the product's performance and should be cleaned regularly.

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, open the heat exchanger cover and ventilate.

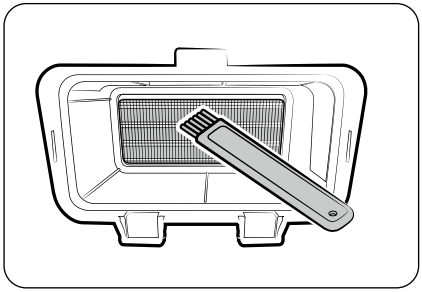


1. Gently press the top part of the **outer cover (A)** to open.



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

Maintenance



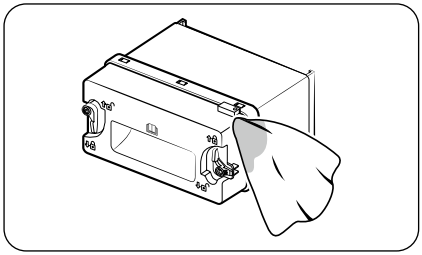
3. Clean the dust on the heat exchanger using the provided brush.
   - After cleaning with the brush, wipe off the remaining dust using a smooth, damp cloth.

⚠ **CAUTION**

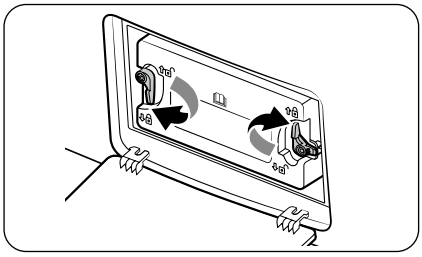
- To avoid physical injury and burns, do not touch or clean the heat exchanger with bare hands.
- When cleaning the heat exchanger, be careful not to damage the fins.

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.



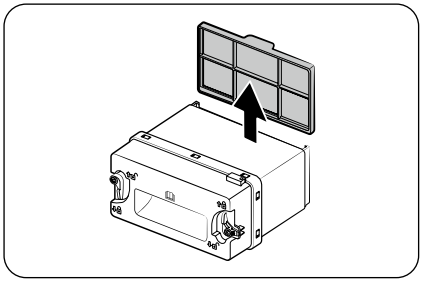
5. Reinsert the inner cover to its original position, and then lock the fixers.
6. Close the heat exchanger's outer cover.

NOTE

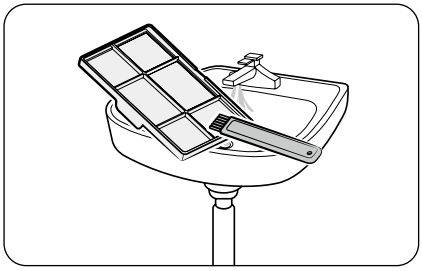
- After cleaning the heat exchanger, tap **OK** to dismiss the notification message. The message remains on until you dismiss it.
- If the alarm continues after you have dismissed it, unplug and then plug in the power cord or remove and reinsert the heat exchanger's inner cover.

Micro soft filter (Optional Filter)

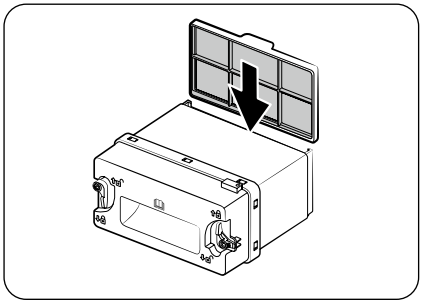
When it is time to clean the Micro soft filter (Optional Filter), the dryer will alert you by displaying the "**Clean Micro soft filter (Optional Filter)**" message. A dirty Micro soft filter (Optional Filter) will hinder the product's performance and should be cleaned regularly.



1. Open the heat exchanger's outer cover, and then remove the inner cover. (Refer to the "**Heat exchanger**" section on page **63**.)
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.
   - Completely dry the filter after a wash.
   - Clean the filter regularly. A dirty filter can degrade a drying performance.



4. Insert the filter into the inner cover, and then insert the inner cover back to its place.
   - Make sure into 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 get enough spinning inside the drum. • Clean the filter. • Clean the heat exchanger. • If the "**Clean heat exchanger & tap OK**" or "**Clean heat exchanger optional filter & tap OK**" message appears on the display, refer to the "**Heat exchanger**" section on page **63** 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.
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.
Items still wrinkled after Wrinkle Prevent (Wrinkle Away, Wrinkle Release).	• Small loads of 1 to 4 items work best. • Load fewer items. Load similar-type items. • Take out the items immediately after drying is complete.
Extended time.	• Sensor Dry automatically senses the moisture in the load and shuts the dryer off when the selected dryness level is reached. The drying time can change according to the type and amount of laundry. See the cycle chart for reference.
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 a problem persists, contact a local Samsung service center.

Troubleshooting

Information codes

If the dryer fails to operate, you may see an information code on the display panel. To determine what you should do, check the list of codes in the table below, and then try the suggested actions.

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 this continues, call for service.
FC	Invalid power source frequency.	• Try restarting the cycle. • If this information code remains, contact a Samsung service center.
9C1	The electronic control needs to be checked.	• Check if power cord is connected properly. • Check if the electrical outlet is working properly. • If the information code remains, contact a Samsung service center.
dF	Incorrect door switch.	• Contact a Samsung service center.
tC	Air temperature sensor problem	• Clean the lint filter and the heat exchanger. • If this continues, call for service.
tC5	Compressor temperature sensor problem	• Wait two to three minutes. • Turn the power back on and start again.

Information code	Meaning	Action
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 display, contact a Samsung service center.

Specifications

Fabric care chart

The following symbols provide garment care direction. The clothing care labels include symbols for drying. The use of symbols ensures consistency among garment manufacturers of domestic and imported items. Follow care label directions to optimize garment life and reduce laundering problems.

Tumble Dry Cycles

	Dry
	Normal
	Permanent Press
	Delicate/Gentle
	Do Not Dry (Used with Do Not Wash)
	Do Not Tumble Dry
	In the Shade (Added to Line Dry, Drip Dry or Dry Flat)
	Line Dry/ Hang to Dry
	Drip Dry
	Dry Flat

Tumble Dry Heat Setting

	Any Heat
	High
	Medium
	Low
	No Heat/ Air

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.

Specification sheet

Type	Front loading dryer
Capacity (Cu.ft)	7.8
Water pressure (psi (kPa))	20-116 (137-800)
Weight (lb (kg))	192 (78)
Power consumption (W)	2750
Allowable temperature	5-35 °C

LIMITED WARRANTY (U.S.A.)

SAMSUNG DRYER

LIMITED WARRANTY TO ORIGINAL CONSUMER PURCHASER WITH PROOF OF PURCHASE AND/OR PROOF OF DELIVERY

This SAMSUNG brand product, as supplied and distributed by SAMSUNG ELECTRONICS AMERICA, INC. (SAMSUNG) and delivered new, in the original carton to the original consumer purchaser, is warranted by SAMSUNG against manufacturing defects in materials or workmanship for the following limited warranty periods, starting on the date of delivery to the original consumer purchaser:

One (1) Year All Parts and Labor

This limited warranty is valid only on products purchased and used in the United States that have been installed, operated, and maintained according to the instructions attached to or furnished with the product. To receive warranty service, the purchaser must contact SAMSUNG at the address or phone number provided below for problem determination and service procedures. Warranty service can only be performed by a SAMSUNG authorized service center. The original dated bill of sale and/or proof of delivery must be presented upon request to SAMSUNG or SAMSUNG's authorized service center to receive warranty service.

SAMSUNG will provide in-home service within the contiguous United States during the warranty period at no charge, subject to availability of SAMSUNG authorized servicers within the customer's geographic area. If in-home service is not available, SAMSUNG may elect, at its option, to provide transportation of the product to and from an authorized service center. If the product is located in an area where service by a SAMSUNG authorized servicer is not available, you may be responsible for a trip charge or required to bring the product to a SAMSUNG authorized service center for service.

To receive in-home service, product must be unobstructed and accessible to the service agent.

During the applicable warranty period, a product will be repaired, replaced, or the purchase price refunded, at the sole option of SAMSUNG. SAMSUNG may use new or reconditioned parts in repairing a product, or replace the product with a new or reconditioned product. Replacement parts and products are warranted for the remaining portion of the original product's warranty or ninety (90) days, whichever is longer. All replaced parts and products are the property of SAMSUNG and you must return them to SAMSUNG.

This limited warranty covers manufacturing defects in materials or workmanship encountered in normal household, noncommercial use of this product and shall not cover the following: damage that occurs in shipment, delivery, installation, and uses for which this product was not intended; damage caused by unauthorized modification or alteration of the product; product where the original factory serial numbers have been removed, defaced, changed in any way, or cannot be readily determined; cosmetic damage including scratches, dents, chips, and other damage to the product's finishes; damage caused by abuse, misuse, pest infestations, accident, fire, floods, or other acts of nature or God; damage caused by use of equipment, utilities, services, parts, supplies, accessories, applications, installations, repairs, external wiring or connectors not supplied or authorized by SAMSUNG; damage caused by incorrect electrical line current, voltage, fluctuations and surges; damage caused by failure to operate and maintain the product according to instructions; in-home instruction on how to use your product; and service to correct installation not in accordance with electrical or plumbing codes or correction of household electrical or plumbing (i.e., house wiring, fuses, or water inlet hoses). The cost of repair or replacement under these excluded circumstances shall be the customer's responsibility.

Visits by an authorized servicer to explain product functions, maintenance or installation are not covered by this limited warranty. Please contact SAMSUNG at the number below for assistance with any of these issues.

EXCLUSION OF IMPLIED WARRANTIES

IMPLIED WARRANTIES, INCLUDING THE IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, ARE LIMITED TO ONE YEAR OR THE SHORTEST PERIOD ALLOWED BY LAW. Some states do not allow limitations on how long an implied warranty lasts, so the above limitations or exclusions may not apply to you. This warranty gives you specific rights, and you may also have other rights, which vary from state to state.

LIMITATION OF REMEDIES

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SAMSUNG does not warrant uninterrupted or error-free operation of the product. No warranty or guarantee given by any other person, firm, or corporation with respect to this product shall be binding on SAMSUNG.

To obtain warranty service, please contact SAMSUNG at:

Samsung Electronics America, Inc.
85 Challenger Road
Ridgefield Park, NJ 07660
1-800-SAMSUNG (726-7864)
www.samsung.com/us/support

Warranty (CANADA)

SAMSUNG DRYER

LIMITED WARRANTY TO ORIGINAL PURCHASER

This SAMSUNG brand product, as supplied and distributed by SAMSUNG ELECTRONICS CANADA, INC. (SAMSUNG) and delivered new, in the original carton to the original consumer purchaser, is warranted by SAMSUNG against manufacturing defects in materials and workmanship for a limited warranty period of:

- One (1) year part and labor

This limited warranty begins on the original date of purchase, and is valid only on products purchased and used in the Canada.

To receive warranty service, the purchaser must contact SAMSUNG for problem determination and service procedures.

Warranty service can only be performed by a SAMSUNG authorized service center.

The original dated bill of sale must be presented upon request as proof of purchase to SAMSUNG or SAMSUNG's authorized service center.

SAMSUNG will provide in-home service during the warranty period at no charge, subject to availability within the Canada.

In-home service is not available in all areas.

To receive in-home service, product must be unobstructed and accessible to the service agent.

If service is not available, SAMSUNG may elect to provide transportation of the product to and from an authorized service center.

SAMSUNG will repair, replace, or refund this product at our option and at no charge as stipulated herein, with new or reconditioned parts or products if found to be defective during the limited warranty period specified above.

All replaced parts and products become the property of SAMSUNG and must be returned to SAMSUNG.

Replacement parts and products assume the remaining original warranty, or ninety (90) days, whichever is longer.

This limited warranty covers manufacturing defects in materials and workmanship encountered in normal, noncommercial use of this product and shall not apply to the following: damage that occurs in shipment; delivery and installation; applications and uses for which this product was not intended; altered product or serial numbers; cosmetic damage or exterior finish; accidents, abuse, neglect, fire, water, lightning, or other acts of nature or God; use of products, equipment, systems, utilities, services, parts, supplies, accessories, applications, installations, repairs, external wiring or connectors not supplied or authorized by SAMSUNG that damage this product or result in service problems; incorrect electrical line voltage, fluctuations and surges; customer adjustments and failure to follow operating instructions, maintenance and environmental instructions that are covered and prescribed in the instruction book; product removal and reinstallation; problems caused by pest infestations.

This limited warranty does not cover problems resulting from incorrect electric current, voltage or supply, light bulbs, house fuses, house wiring, cost of a service call for instructions, or fixing installation errors.

SAMSUNG does not warrant uninterrupted or error-free operation of the product.

EXCEPT AS SET FORTH HEREIN, THERE ARE NO WARRANTIES ON THIS PRODUCT EITHER EXPRESS OR IMPLIED, AND SAMSUNG DISCLAIMS ALL WARRANTIES INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTIES OF MERCHANTABILITY, INFRINGEMENT OR FITNESS FOR A PARTICULAR PURPOSE.

NO WARRANTY OR GUARANTEE GIVEN BY ANY PERSON, FIRM, OR CORPORATION WITH RESPECT TO THIS PRODUCT SHALL BE BINDING ON SAMSUNG.

SAMSUNG SHALL NOT BE LIABLE FOR LOSS OF REVENUE OR PROFITS, FAILURE TO REALIZE SAVINGS OR OTHER BENEFITS, OR ANY OTHER SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES CAUSED BY THE USE, MISUSE, OR INABILITY TO USE THIS PRODUCT, REGARDLESS OF THE LEGAL THEORY ON WHICH THE CLAIM IS BASED, AND EVEN IF SAMSUNG HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

NOR SHALL RECOVERY OF ANY KIND AGAINST SAMSUNG BE GREATER IN AMOUNT THAN THE PURCHASE PRICE OF THE PRODUCT SOLD BY SAMSUNG AND CAUSING THE ALLEGED DAMAGE.

WITHOUT LIMITING THE FOREGOING, PURCHASER ASSUMES ALL RISK AND LIABILITY FOR LOSS, DAMAGE, OR INJURY TO PURCHASER AND PURCHASER'S PROPERTY AND TO OTHERS AND THEIR PROPERTY ARISING OUT OF THE USE, MISUSE, OR INABILITY TO USE THIS PRODUCT.

THIS LIMITED WARRANTY SHALL NOT EXTEND TO ANYONE OTHER THAN THE ORIGINAL PURCHASER OF THIS PRODUCT, IS NONTRANSFERABLE AND STATES YOUR EXCLUSIVE REMEDY.

Some provinces do not allow limitations on how long an implied warranty lasts, or the exclusion or limitation of incidental or consequential damages, so the above limitations or exclusions may not apply to you.

This warranty gives you specific rights, and you may also have other rights, which vary from province to province.

To obtain warranty service, please contact SAMSUNG at:

Samsung Electronics Canada Inc.

2050 Derry Road West,

Mississauga, Ontario L5N 0B9 Canada

1-800-SAMSUNG (726-7864)

www.samsung.com/ca/support (English)

www.samsung.com/ca_fr/support (French)

Visits by a Service Engineer to explain functions, maintenance, or installation is not covered by warranty. Please contact the Samsung call center at the number above for help with any of these issues.

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Scan the QR code* or visit
www.samsung.com/spsn
to view our helpful
How-to Videos and Live Shows

*Requires reader to be installed on your smartphone

Scan this with your smartphone

This product qualifies for ENERGY STAR in the factory default "**Normal**" setting.
If you change the factory default setting or enable other features, power consumption could increase and exceed the limits qualified for ENERGY STAR.

QUESTIONS OR COMMENTS?

COUNTRY	CALL	OR VISIT US ONLINE AT
U.S.A	1-800-SAMSUNG (726-7864)	www.samsung.com/us/support
CANADA	1-800-SAMSUNG(726-7864)	www.samsung.com/ca/support (English) www.samsung.com/ca_fr/support (French)