Dryer

User manual

DV90F53*E*/DV90F53*G*

SAMSUNG

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Safety information

Congratulations on your new Samsung dryer. This manual contains important information on the installation, use and care of your appliance. Please take 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.

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⚠ 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.

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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.

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⚠ 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.

⚠ 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.

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Safety information

IMPORTANT SAFETY INSTRUCTIONS

⚠ 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 vapours 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.

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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.

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.
- 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.

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Safety information

- 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.

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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.

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Regulatory notice

FCC Compliance Statement (applicable models only)

Model	DV90F53AES/DV90F53AEY/DV90F53AGS/DV90F53AGY
Variant model	**DV90F53*E* / DV90F53*G*** 1st * : Letter A through Z or number 0 through 9 indicates a specific feature. 2nd * : Letter A through Z indicates the color of appliance.
Responsible Party - U.S. Contact Information	Samsung Electronics America, Inc. 700 Sylvan Avenue, Englewood Cliffs, NJ 07632 Phone : 1-800-SAMSUNG (726-7864) Internet : www.samsung.com

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) This device must accept any interference received, including interference that may cause undesired operation.

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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.

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Regulatory notice

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.

Security updates information

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

- The website supports only some languages.

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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 must meet national and local regulations.
- An exhaust system made of rigid metal or flexible stiff-walled metal exhaust ducting.

⚠ WARNING

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

Location considerations

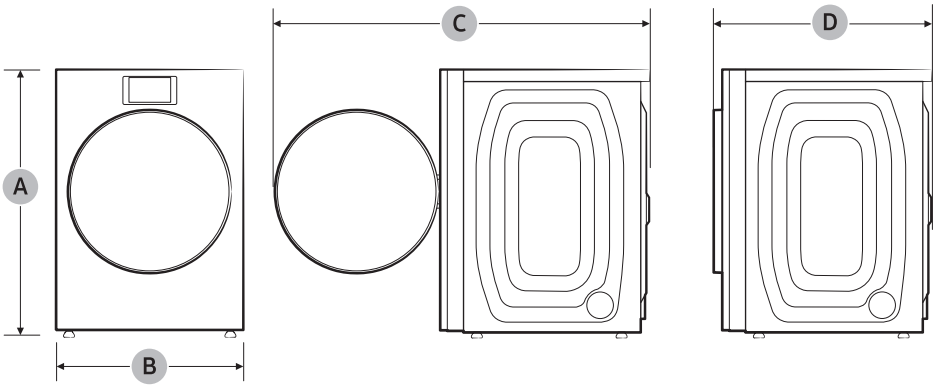
The dryer should be located where there is enough space at the front for loading the dryer, and enough space behind for the exhaust system. This dryer is factory-ready for the rear exhaust option. To exhaust out the bottom, right or the left, use the accessory exhaust kit. Instructions are included with 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.

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Installation requirements

Dimensions



Type		Front loading dryer
Models		DV90F53A**
Dimensions (in. (mm))	A. Overall height	38.7 (984)
	B. Width	27.0 (686)
	C. Depth with door open	53.1 (1348)
	D. Depth	31.4 (798)

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Clearance requirement

This clearance requirement is applicable for dryers only.

NOTE

- For 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 garage installation.

Minimum clearance for stable operation:

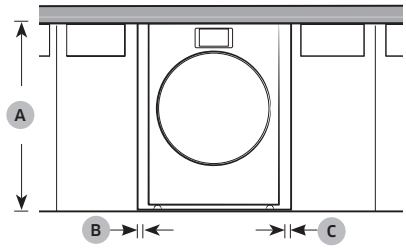
Sides	Top	Rear	Front
1 in. (25 mm)	1 in. (25 mm)	4 in. (102 mm)	1 in. (25 mm)

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).

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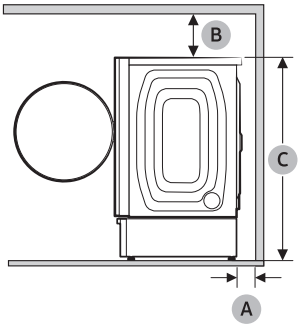
Installation requirements

Undercounter installation



A	39.6 in. (1006 mm)
B	1 in. (25 mm)
C	1 in. (25 mm)

Pedestal installation

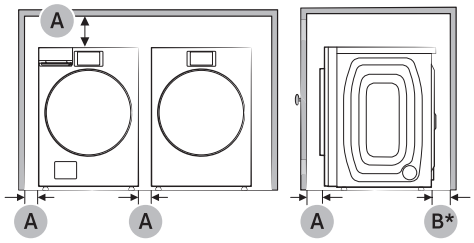


A	4 in. (102 mm)
B	6 in. (152 mm)
C	52.8 in. (1341 mm)

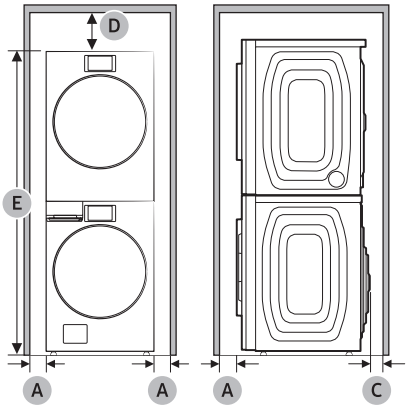
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This clearance requirement is applicable for washer and dryer pair installation.

Side by side installation



Stacked installation



A	1 in. (25 mm)
B*	4 in. (102 mm)
C	2 in. (50 mm)
D	6 in. (152 mm)
E	77.6 in. (1971 mm)

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

Minimum space **(B*)** of 4" is required for best dryer performance. In case of insufficient space for duct installation, properly sized vent kit is needed.

NOTE

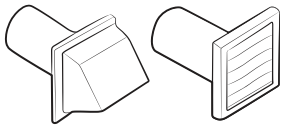
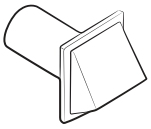
Stacking (DV90F53A : SKK-RW*)**

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.

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Installation requirements

Ducting requirements

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 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 tumbler must be empty and lint filter clean.

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Exhausting requirements

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 "**Ducting requirements**" in the "**Installation**" section for the maximum duct length and number of bends that can be used.
- The total length of flexible metal duct must not exceed 7' 10 1/2" (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.

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Installation requirements

Gas requirements

⚠ 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.

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Electrical requirements

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

⚠ WARNING

- 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.

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Installation requirements

- 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.

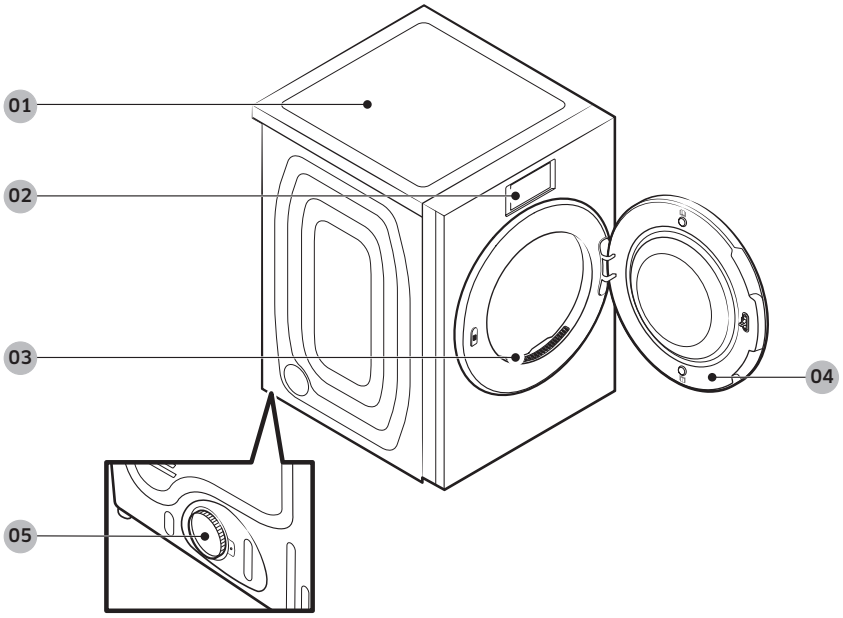
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Installation

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
05 Exhaust duct

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Installation

Parts supplied



Y-connector

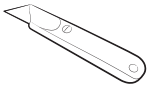


Short water hose

Tools needed for installation



Pliers



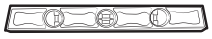
Cutting knife



Pipe wrench
(gas models only)



Nut screwdriver



Level



Phillips screwdriver



Duct tape



Wrench



LPG-safe compound
or Teflon Tape (for gas
installation)

⚠ WARNING

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

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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 **35**.
3. Install the exhaust system as instructed in the "**Exhaust ducting guide**" section.

⚠ 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**" section on page **22**.

1. Remove the protective cap from the gas pipe.
2. Apply an LPG (Liquefied Petroleum Gas)-safe compound or1.5 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.

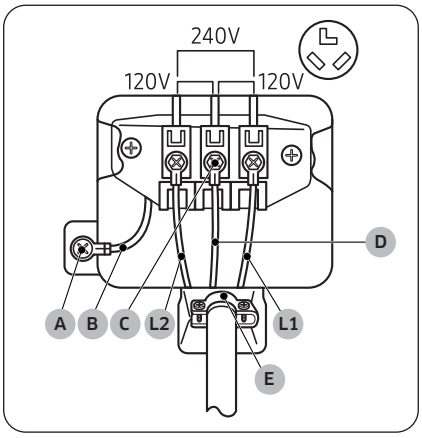
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Installation

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 **23**.

3-wire system



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

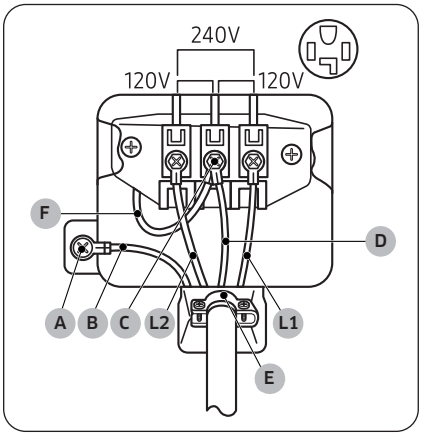
1. Loosen or remove the screws from the center terminal block.
2. Connect the **neutral wire (white) (D)** of the power cable to the center, silver-colored terminal screw of the terminal block. Tighten the screws.
3. Connect the other wires to outer terminal block screws. Tighten the screws.
4. Tighten 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 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 L1/L2/D (N) voltage. If the voltage is low, it may not heat properly. Review the "**Electrical requirements**" section on page **23** if needed.

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4-wire system



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

1. Remove the **external ground connector's screw (A)** and connect the **ground wire (green) (B)** 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) (D)** and **neutral grounding wire (white) (F)** 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 L1/L2/D (N) voltage. If the voltage is low, it may not heat properly. Review the "**Electrical requirements**" section on page **23** if needed.

⚠ WARNING

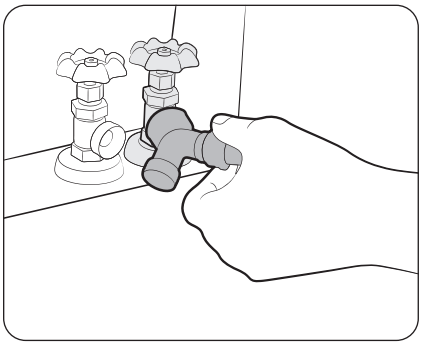
- All U.S. models are designed for a 3-wire system connection. The dryer frame is grounded to the neutral conductor at the terminal block. A 4-wire system connection is required for new or remodeled construction, mobile homes, or if local codes do not permit grounding through neutral. If you use the 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.

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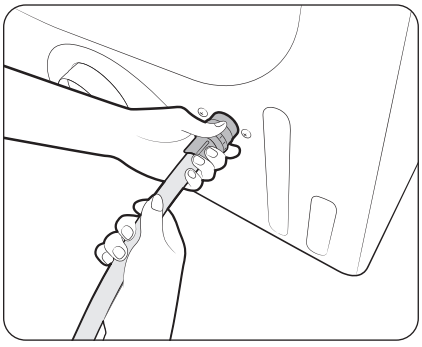
Installation

STEP 4 Connect the water hose

The dryer must be connected to a cold water tap using a water hose. A water hose is not provided with the dryer and therefore you must purchase it separately.



1. Close the cold water tap. If you have a washer's cold water hose attached to the cold water tap, unscrew and remove the hose. Then, connect the female end of the Y-connector to the cold water tap.
2. Connect the straight end of the water hose to the Y-connector. Tighten the hose coupling by hand.
3. Using pliers, tighten the coupling an additional two-thirds turn. Do not overtighten. You can damage the coupling.

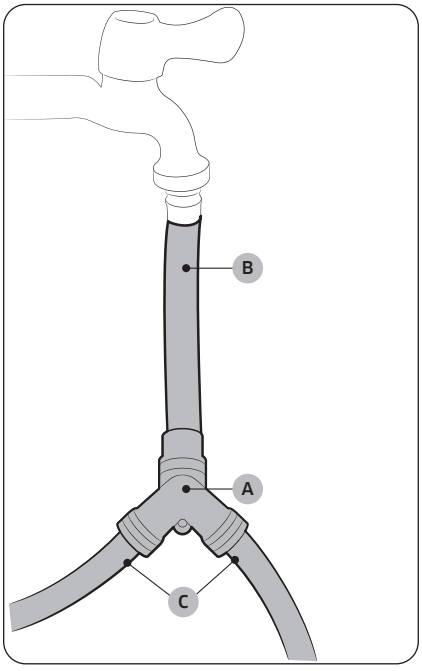


4. Connect the angled end of the water hose to the filling valve at the bottom rear of the dryer. Turn the coupling by hand until it is tight.
5. Using pliers, tighten the coupling an additional two-thirds turn. Do not overtighten. You can damage the coupling.
6. If you detached the cold water hose from your washer, attach the hose to the open end of the Y-connector, tighten the coupling by hand until it is tight, and then, using a pliers, tighten an additional two-thirds turn.
7. Open the cold water tap, and then check for any leaks.

If the Y-connector cannot be directly connected to the cold water tap, use the short hose. See the "**Using the short hose as an extension**" section on page **31**.

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Using the short hose as an extension



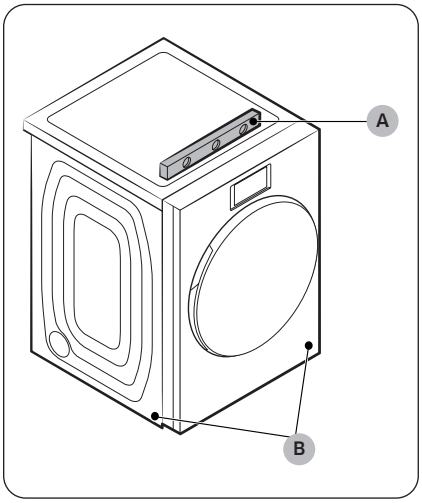
1. Close the cold water tap. If you have a washer's cold water hose attached to the cold water tap, unscrew and remove the hose. Then, connect the **short hose (B)** to the cold water tap. Turn the coupling by hand until it is tight.
2. Using pliers, tighten the coupling an additional two-thirds turn. Do not overtighten. You can damage the coupling.
3. Connect the **Y-connector (A)** to the brass male end of the short hose. Turn the coupling by hand until it is tight.
4. Using pliers, tighten the coupling an additional two-thirds turn. Do not overtighten. You can damage the coupling.
5. Connect the angled end of the **water hoses (C)** to the filling valve at the bottom rear of the dryer. Turn the coupling by hand until it is tight.
6. Using pliers, tighten the coupling an additional two-thirds turn. Do not overtighten. You can damage the coupling.
7. If you detached the cold water hose from your washer, attach the hose to the free end of the Y-connector, tighten the coupling by hand until it is tight, and then, using a pliers, tighten an additional two-thirds turn.
8. Open the cold water tap, and then check for any leaks.

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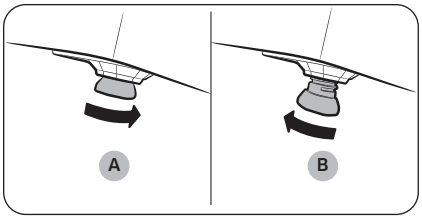
Installation

STEP 5 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.

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STEP 6 Power on (for gas models)

Make sure all gas connections, the exhaust line, and all wiring is 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 7 below.

STEP 7 Final Check

When 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.

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Installation

Vent Blockage Test

After the dryer is installed, run the Vent Blockage Test function to check if the duct system is properly installed. Vent Blockage Test automatically detects the status of the ducts and reports any blockage or problems. Proper ducting can reduce drying time and save energy.

NOTE

The Vent Blockage Test function must run when the dryer is cool. If the dryer warms up after the installation check, run the **Air Fluff** cycle for several minutes to reduce its internal temperature.

Running the vent blockage test

1. Make sure the drum is empty, and then close the door. (If there are any clothes or other items in the drum, the test will not give accurate results.)
2. Tap ⏻ to turn the dryer on, swipe down from the top of the screen to access the Quick Panel and tap **Settings** > **Dryer** > **Vent Blockage Test**.
3. Tap **Start test** to start the vent blockage test.
   - The test takes about 2 minutes and "**Testing...**" is displayed during the test.

⚠ CAUTION

Do not open the door during the test.

NOTE

If you have started other procedures before running Vent Blockage Test, the dryer will not enter the Vent Blockage Test mode.

4. After 2 minutes, when the test is complete, the results are displayed and the dryer sounds a tone. If status of the duct system is normal, an alarm triggers with the "**No problems detected**" message. If the duct system cannot exhaust properly, a problem and the solution appear on the display, and the dryer sounds an alarm tone.
   If there are any other problems, an information code appears in the display. For description about the code, see the "**Information codes**" section on page **61**.
   - To stop or cancel Vent Blockage Test, tap ⏻ to turn off your dryer.
   - The results remain on the display for about 5 minutes and then automatically turn off. You can turn the results off immediately by tapping ⏻.
   - When resolving a problem, tap **How to clean** on the display to check the cleaning method.

NOTE

- During or after the test, the internal drum is hot. Use caution to prevent burns. The Vent Blockage Test function is used to check for problems in the current duct system when the dryer is installed for the first time.
- Even if the test result is normal ("**No problems detected**"), the duct system could be blocked slightly. Properly install all ductwork according to the installation instructions in this manual.

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Exhaust ducting guide

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

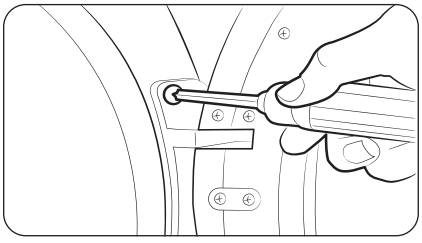
Clean all old ducts before installing the dryer, and make sure the vent flap opens and closes freely. We recommend that you clean the exhaust system annually or on a regular basis.

⚠ WARNING

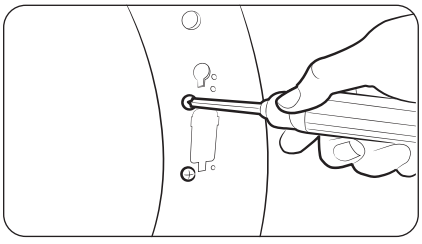
- To prevent fire, do not use plastic, thin-foil, or non-metal flexible ducts of any kind.
- Do not use a poor exhaust system because it slows down the dryer's performance.
- Do not use excessively long ducts that have multiple elbows.
- Do not use crushed or clogged venting or ducts.

Door reversal

Type 1



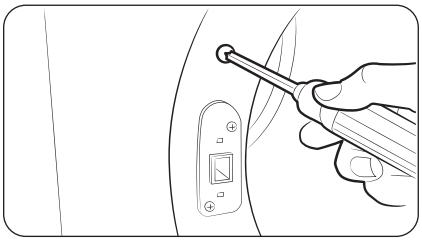
1. Put a soft rug on the floor to rest the door on after you have removed it. This will prevent the door from being scratched.
2. Unplug the power cord.
3. Remove two door hinge screws.
4. Lift the door and remove it.



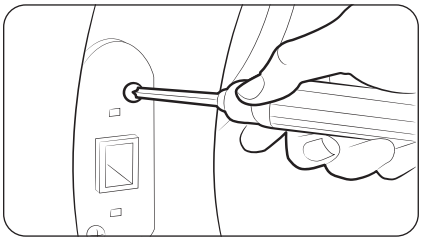
5. Remove the two screws that are above and below the cut-out in the frame front.

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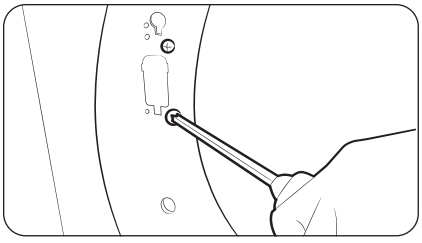
Installation



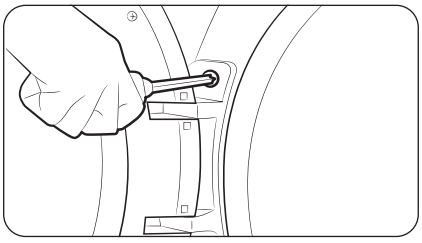
6. Remove the two screws above and below the lever holder on the opposite side of the door opening.



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.

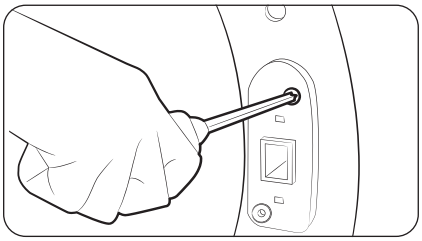


9. Place the door on the other side, and then reattach it to the dryer.

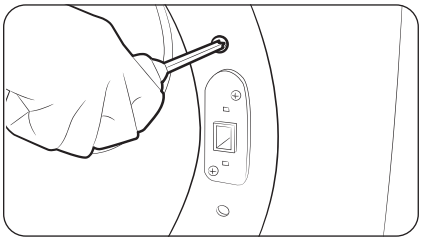
NOTE

Insert the head of the hook 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.

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



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

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Before you start

Initial setup

- When you turn on the dryer for the first time, the screen shows the initial setup process. Follow the on-screen instructions to complete it.
- Once you select a language, the language selection screen will not reappear.
  - You can change the language settings by swiping down from the top of the screen to access the Quick Panel, then tapping ⚙ > **General** > **Language** to change the language.
- The initial setup includes language selection and a brief tutorial.
- Tap **Next** to skip to the next screen.

NOTE

If the initial setup screen does not appear during the first use of the product, it does not indicate a problem with the product. You can adjust the desired settings by selecting ⚙ > **General** from the Home screen or reset the product to try running the initial setup process by selecting ⚙ > **General** > **Reset** > **Reset all settings**.

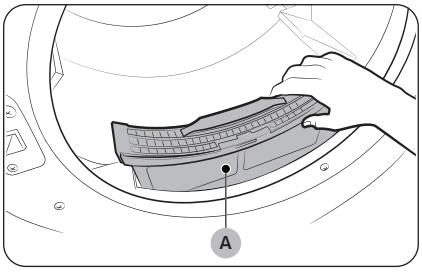
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Sort and load

- Put one wash load in the dryer at a time.
- Do not mix heavy and lightweight items together.
- 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

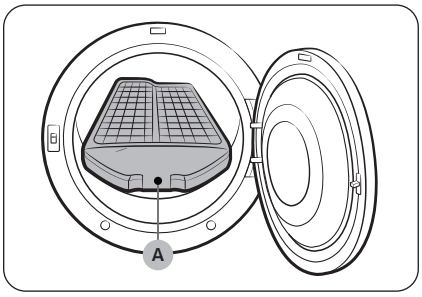
- Do not operate the dryer without the lint filter in place.
- Do not use a damaged or broken lint filter. This may reduce performance and/or cause fire.

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Before you start

Rack Dry (applicable models only)

Some models come with a drying rack which is inserted into the drum at the factory. If your model came with a drying rack, remove the rack from the drum before you use the dryer for the first time. To remove the rack, pull the rack straight up, and then take it out of the drum. Remove the drying rack from its packaging and store the rack for later use.



If a drying rack is not provided, you can purchase it at a local Samsung service center. (Part Code : DC93-00374G)

To use the drying rack, follow these steps:

1. Insert the **drying rack (A)** inside the tumbler with the filter handle to the front.
2. Insert the rear legs of the drying rack into the recessed areas of the rear wall, and then press down the middle of the drying rack to secure it in place.
3. Put items to dry on the rack. Make sure to leave space between the items for air flow.
4. Press **Rack Dry** or other Cycle Setting according to rack drying suggestions below, then select the drying time.
5. When the items are dry, remove the them from the dryer, and then remove the drying rack.

Drying rack drying suggestions

Item	Cycle settings
Washable sweaters (fold sweater into same shape as rack and lay it flat on the rack)	Rack Dry or Time Dry with the Low temperature setting
Stuffed toys (cotton or polyester fiber-filled)	
Stuffed toys (foam or rubber-filled)	Air Fluff
Foam rubber pillows	
Sneakers	

⚠ WARNING

- Make sure to unpack the drying rack before using it. Otherwise, the dryer can be damaged or its performance diminished.
- Drying foam rubber, plastic, or rubber on a heat setting may damage the items and create a fire hazard.

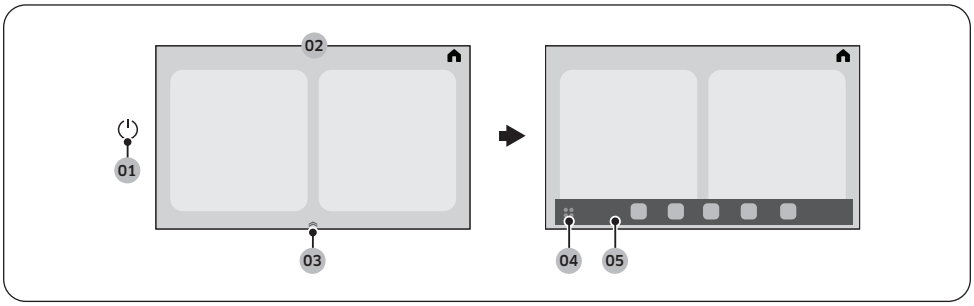
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Operations

⚠ WARNING

To reduce the risk of fire, electric shock, or injury to persons, read the **Safety information** before operating the dryer.

LCD panel



01 Power ⏻	Tap to turn the dryer on or off.
02 Display	The display shows current cycle information and estimated time remaining, or an information message when a problem occurs.
03 App dock handler	Drag the App dock handler upward to open the App dock. • The App dock handler only appears on the Home screen.
04 App tray button	Tap to view all available apps. • App drawer: Tap App tray to open App drawer. You can open the App drawer to quickly open the SmartThings, Timer, Bixby, Weather, Ring, Internet, or Settings app.
05 App dock	App dock displays the icons to allow easier access to the frequently used apps. • Maximum five icons are displayed in the App dock.
06 Quick Panel	Swipe down from the top of the screen to open the Quick Panel. • The Quick Panel provides quick access to various settings. • For more information on Quick Panel icons, see **Display icon descriptions**, see page **42**.

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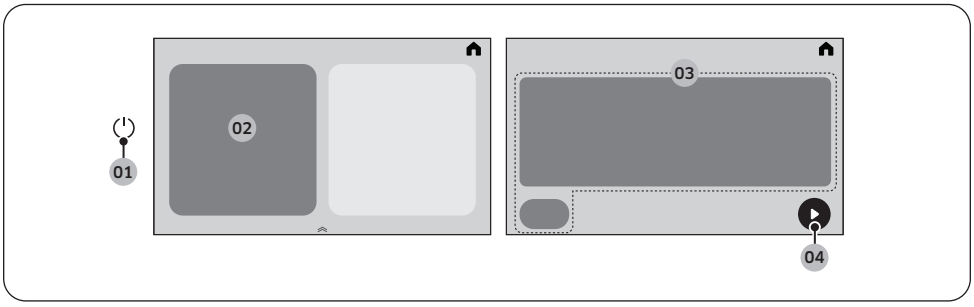
Operations

Display icon descriptions

	**Home**	Tap to go to the Home screen.
	**Settings**	Tap to enter the Settings menu. • For more information on **Settings**, see page **49**.
	**Lock**	This icon indicates the screen is locked.
	**Smart Control/Smart Monitor**	This icon indicates that the Smart Control/Smart Monitor is on.
	**Wi-Fi**	Tap to turn on or off the Wi-Fi.
	**Bluetooth**	Tap to turn on or off the Bluetooth. • Once you turn on the Bluetooth, you can connect to Bluetooth-enabled devices near the washer.
	**Microphone**	Tap to turn on or off the microphone.
	**Start**	You can start the operation.
	**Pause**	You can pause the operation. • During the operation, tap the button to pause.

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Operating a cycle



1. Tap ⏻ to turn the power on.
2. Select the desired cycle.
   - For more information on **Cycle overview**, see page **44**.
3. Change the default cycle options.
   - Tap **Dryness**, **Dry Time**, **Drying Temp**, **Damp Alert**, **Wrinkle Prevent**, **Eco Dry**, or **Anti Static** to change the default cycle settings.
   - Not all cycles have additional functions available.
4. Tap ▶ to start the operation.
   - Once you set the cycle you want, the screen displays brief cycle descriptions and cycle duration. You can also check the cycle progress, remaining cycle time, and information codes.

NOTE

To change the cycle, tap **More cycles**, and then select the desired cycle.

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Operations

Cycle overview

Cycle descriptions

You can add or delete cycles to personalize the cycle list by swiping down from the top of the screen to access the Quick Panel, then tapping ⚙ > **Dryer** > **My cycles**. See page **53** for more information.

NOTE

- Energy savings will vary depending on loads and cycles. Energy consumption could increase if the LCD screen is set to stay on all year long.
- To ensure even drying results, you may need to reposition the items in the drum.
- Use the Towels cycle if you need to dry only the towels.

Sensor dry cycles

Cycle	Description
Normal	• For cottons, bed linens, table linens, underwear, towels, or shirts. • Default energy cycle for drying: Normal - To access the Normal cycle on the LCD models, turn on the power, and select **Cycle** > **Normal**.
AI OptiDry+	• AI OptiDry+ uses an enhanced sensor to detect the condition of a load and intelligently optimizes the drying performance. • Must check the clothing care label before using the AI OptiDry+ cycle.
Super Speed	• For drying synthetic fabrics fast and effectively. • The shortened time may differ depending on the load/options. • For best performance, the recommended load is 10 lbs. (4.5 kg) or lower.
Heavy Duty	• For drying items made out of heavy fabrics, such as jeans, corduroys, or work clothes, with high-temperature heat.
Delicates	• For drying heat-sensitive items at a low temperature.
Towels	• For bath towels, washcloths, and mats.
Bedding	• For bulky items such as blankets, sheets, comforters, and light duvets.
Activewear	• For exercise wear and outdoor wear such as sports jerseys, training pants, water-repellent jackets, and other performance clothing. Thick fabrics like a zipper or Velcro closure of a jacket, or training socks may not be completely dried.
Denim	• Use a stepped drying temperature to remove moisture from Jeans and denim.

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Cycle	Description
Shirts	• Use to dry a few items such as a shirt quickly.
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.
Eco Normal	• For reducing energy usage. This cycle adjusts the cycle time and temperature for increased efficiency.

Manual dry cycles

Cycle	Description
Time Dry	• You can set the cycle time from 10 minutes to 90 minutes.
Small Load	• Timed cycle for small load items. • The default cycle time is 30 minutes. However, you may manually change the cycle time if necessary.
Air Fluff	• Tumbles the load in room temperature air.
Rack Dry	• Timed cycle for items that need to be dried on a drying rack. Turn Navigation dial to select **Rack Dry** and tap **Dry Time** to set the drying time between 10 minutes and 90 minutes.

Steam dry cycles

Cycle	Description
Steam Sanitize+	• Use to sanitize items by applying steam and high-temperature heat to the fabric. • This cycle can make items soft and reduce smells. Confirm that the laundry load is wet or partially wet before starting this cycle.
Wrinkle Away	• For best results, load 2-3 items at once. You can extend the drying time by a 10-minute unit (starting from a minimum of 20 minutes), depending on the item type or load. Confirm that the laundry load is dry.
Steam Refresh	• Use to smooth out wrinkles and reduce odors in loads of one to four items. • With this cycle selected, a small amount of water is sprayed into the dryer drum after several minutes of tumbling with heat. Confirm that the laundry load is dry.

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Operations

Cycle options

You can change the following options for your dry cycles. Some options may be unavailable depending on the selected cycle.

Option	Description
Dryness	• Tap to change the dry level for the selected cycle. You can select from level Damp to Very, but available level depends on the selected cycle.
Dry Time	• Tap to select the cycle time for Small Load, Time Dry, Rack Dry, Air Fluff or Wrinkle Away. You can set the drying time between 10 minutes and 90 minutes. Available drying time depend on the selected cycle.
Drying Temp	• Temperature can only be adjusted in Time Dry cycle. Tap to change the temperature of the current cycle.
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. **NOTE** "Off" on the screen indicates that the Wrinkle Prevent function is off. "On" on the screen indicates that the Wrinkle Prevent function is on.
Damp Alert	• This function alerts you when shirts and other items that require ironing are dry enough to be suitable for ironing.
Eco Dry	• With the Eco Dry activated, drying takes a longer time but power consumption is reduced. This function is available with Normal and Time Dry.
Anti Static	• Reduces static electricity that occurs from clothing friction. This is done by spraying steam in a later stage of the drying cycle. This option is only available with Normal, Heavy Duty, Perm Press, Delicates, and Time Dry. In the Sensor Dry cycle, you can use this function if the dryness setting is Normal or higher.

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Cycle chart

NOTE

● : factory setting, ○ : can be selected

Cycle	Recommended items	Time	Drying Temp
Normal	Cotton, mixed loads of cotton and synthetic fabrics		Medium
AI OptiDry+	Cotton, mixed loads of cotton and synthetic fabrics		Medium
Time Dry	Any load	○	High (Extra Low~High)
Super Speed	Synthetic fabrics		High
Heavy Duty	Heavy fabrics such as jeans, corduroys, heavy work clothes		High
Small Load	Small loads	○	High
Delicates	Underwear, lingerie		Extra Low
Steam Sanitize+	Bedding, curtains, children's clothing		High
Wrinkle Away	Shirts, Trouser, Blouses	○	High
Steam Refresh	Shirts, trousers, comforters, pillows		High
Towels	Bath towels and similar items		High
Bedding	Blankets, sheets, comforters, pillows		High
Activewear	Exercise wear, sports jerseys		Medium
Denim	Jeans, Denim		Medium
Shirts	Shirt, Blouses		Medium
Wool	For machine washable and tumble dryable wool only		Low
Perm Press	Wrinkle-free cotton, synthetic fabrics		Med Low
Eco Normal	Cottons, work clothes, linens		Extra Low
Air Fluff	All types of fabric	○	-
Rack Dry	Washable sweaters, Stuffed toys (cotton or polyester fiber filled)	○	Extra Low

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Operations

NOTE

● : factory setting, ○ : can be selected

Cycle	Dryness					Option			
	Very	More	Normal	Less	Damp	Damp Alert	Wrinkle Prevent	Eco Dry	Anti Static
Normal	○	○	●	○	○	○	○	●	○
AI OptiDry+			●				○		
Time Dry							○	●	○
Super Speed			●				○		
Heavy Duty	○	○	●				○		○
Small Load							○		
Delicates	○	○	●	○	○	○	○		○
Steam Sanitize+	●						○		
Wrinkle Away							○		
Steam Refresh							○		
Towels	○	○	●				○		
Bedding	○	○	●				○		
Activewear			●				○		
Denim	○	○	●				○		
Shirts			●				○		
Wool			●				○		
Perm Press	○	○	●	○	○	○	○		○
Eco Normal			●				○		
Air Fluff							○		
Rack Dry							○		

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Settings

Using Settings

1. Swipe down from the top of the screen to access the Quick Panel and tap ⚙ to enter the Settings menu.
2. Tap **General** or **Dryer**.
3. Scroll through the screen to select the desired menu.
4. Change the settings or start the function.

NOTE

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

Settings menu description

General

Options	Descriptions
Samsung account	You can log in to your Samsung account or create a new Samsung account.
Connections	You can turn the Wi-Fi on or off. You can also use the Easy Connection to connect your dryer to the SmartThings app to use the Smart Control function. • **Wi-Fi**: Tap to turn on or off the Wi-Fi. The dryer's Wi-Fi is off by default. However, it turns on automatically when you turn it on for the first time. The final Wi-Fi setting is maintained regardless of the dryer's power status. - Once you turn on the dryer's Wi-Fi and connect to a network, the dryer remains connected even when you turn off the power. - The Wi-Fi indicates that the dryer is connected to the router through the Wi-Fi connection. • **Easy Installation**: You can easily install the SmartThings app on your phone by scanning the QR code on the screen. You can connect your dryer to the SmartThings app and control it remotely. **NOTE** Using the functions under the **Connections** menu may increase power consumption.

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Operations

Options	Descriptions
Lock	You can lock the dryer's control to prevent children or infants from accidentally starting the dryer or changing its settings. • When this function is enabled, the touch screen become locked for safety. • You can enable or disable this function in any selected cycle. • Tap and hold the **Unlock** button for 3 seconds to unlock. **NOTE** • When this function is enabled, all buttons are disabled except the ⏻ button. • If you tap any button while this function is enabled, an alarm sounds and the message "**Locked**" appears. • If the door is opened while this function is enabled, an alarm sounds and the message "**The door is open. Close it and try again.**" appears. • If the door is closed while this function is enabled, an alarm sounds and the message "**Open door & check inside**" appears. • To clear a notification, disable this function or turn off the power.
Sounds	You can set the Sound mode, Sound theme, Volume, and Voice style. • **Sound mode**: You can set the desired Sound mode from **Voice**, **Tone**, and **Mute**. - The alert sound will remain on for safety purposes even if you set the Sound mode to **Mute**. • **Sound theme**: You can select the desired Sound theme. Tap a theme once to preview the sound. • **Volume**: You can adjust the volume for system and media sounds. - Sound mode will automatically change to **Voice** if you adjust the volume while the Sound mode is set to **Mute**. • **Voice style**: You can select the desired Voice style. Tap a style once to preview the sound.
Home device notifications	You can turn on or off the notifications for your home devices registered on the SmartThings app.
Display	You can set the Brightness and Font size.
Screen and style	You can cover and disable the screen when the dryer is not in use. This applies only when the washer and dryer are connected.

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Options	Descriptions
Bixby	You can set the Voice wake-up and Sound feedback options for Bixby. **NOTE** • The microphone for voice recognition is built into the dryer's worktop. - The best way to use the voice recognition function is to stand within 3 feet (1 meter) of the dryer, reduce background noise, and speak loudly and clearly at a steady pace toward the built-in microphone. • The voice recognition function may not work if you stand more than 3 feet (1 meter) away or speak too softly.
Microphone	You can enable or disable the use of the microphone.
App lock	You can set a passcode to lock an app.
Storage	You can check the dryer's internal storage space.
Security status of your devices	You can check the security status of all devices logged into your Samsung account.
Language	You can change the system language.
Date and time	You can set the time and date automatically or manually and set the desired time format.

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Operations

Options	Descriptions
Accessibility	You can set the Voice guide and Visibility enhancements settings. • **Voice guide**: Enable this feature to receive voice guidance from your dryer. - Turn on the power, swipe down from the top of the screen to access the Quick Panel, then tap ⚙ - **Accessibility** - **Voice guide** - **Turn On** to enable the feature. - When the Voice guide feature is enabled, tapping an item once will read it aloud, and tapping it twice will execute the action. You can also navigate the screen by swiping in any direction with two fingers. - Some options in the menu may be unavailable while the Voice guide feature is enabled. **NOTE** To disable the feature, follow these instructions. (single tap: select / double-tap: execute): 1. Swipe down from the top of the screen to access the Quick Panel and tap ⚙ to enter the Settings menu. 2. In the Settings menu, swipe the screen with two fingers to find and select **Accessibility**, and then double-tap to enter the menu. 3. Select **Voice guide**, and double-tap to enter the menu. 4. Select **Off** and double-tap to change the setting. - **Visibility enhancements**: You can change the High contrast and Text size settings to enhance the visibility.
Software update	You can download and install the latest version of the software. The download begins automatically when the dryer is connected to Wi-Fi.
Support	You can check the user manual or start the remote support service. • Get remote support for all your needs related to your appliance.
Reset	You can reset network settings or reset all settings. • **Reset network settings**: Turn on the power, swipe down from the top of the screen to access the Quick Panel and tap ⚙ - **General** - **Reset** - **Reset network settings** - **Reset** in that order. - This will reset the Wi-Fi and SmartThings connection settings. • **Reset all settings**: Turn on the power, swipe down from the top of the screen to access the Quick Panel and tap ⚙ - **General** - **Reset** - **Reset all settings** - **Reset** in that order. - This will reset all the settings, including network settings and personal data. - Your dryer resets to the factory setting. • **Restart**: Restart the device.

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Options	Descriptions
About device	You can check the information of the dryer such as Status and Legal information.

Dryer

Settings	Descriptions
Drum light	This turns on the light inside the drum so you can check the items inside.
AI Pattern	This function saves frequently used cycles and settings. When you turn the function on, the dryer remembers the cycles you use most and their settings (**Dryness**, **Dry Time**, and **Temperature**) and displays them in frequency order. • The default setting is **On**. Set it to **Off** if you do not want to use this function. • When you turn off the function, all the saved data resets. • When the function is turned on, the recommended cycles are displayed with the ✦ icon.
My cycles	Add or remove cycles to create a personal cycle list. • You can only edit a cycle to create a personal cycle when the dryer is not operating. **NOTE** • The Normal cycle cannot be removed from the list of cycles. • You can also edit My cycles in the SmartThings app.
Vent Blockage Test	You can run the vent blockage test to check the vent condition. • Empty the drum and clean the lint filter before starting the test. Then, tap **Start test**. • Check the display for any message. Follow the on-screen instructions if any message appears.

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Operations

Special features

Smart Control

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

Connecting your dryer

(**Smart Control** for electric model, **Smart Monitor** for gas model)

1. Download and open the SmartThings app on your smartphone or tablet (Android & iOS).
2. Tap ⏻ to turn on the dryer.
3. Swipe down from the top of the screen to open the Quick Panel and tap ⚙.
4. Tap **General** > **Connections** > **Easy Installation**.
5. Follow the on-screen instructions to add the product to the 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, swipe down from the top of the screen to open the Quick Panel and tap to turn the Wi-Fi on.
- Close the door before starting the Smart Control function.
- If you use your dryer for a while without connecting it to the SmartThings app, a pop-up message about Smart Control will appear regularly for 3 seconds after 20th use.

Stay Connect (only available for electric models)

Set up the Stay Connect function in your SmartThings app to keep Smart Control turned on at the end of a cycle. Your dryer stays connected to the app so you can send additional instructions, whether you are at home or away.

1. If you turn on the Stay Connect function on the SmartThings app, the dryer will stay in standby after completing a cycle.
   - The Stay Connect function will remain active for up to 24 hours if the door remains closed.
2. The and appears on the LCD screen.
   - The icons may not appear in certain circumstances.
3. You can conveniently control your dryer using the SmartThings app.

NOTE

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

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SmartThings

Wi-Fi connection

On your smartphone, go to **Settings** > **General** > **Connections** > **Easy Connection** > **Connect via mobile app** > **Connect** and turn on the wireless connection and select an AP (Access Point).

- This appliance supports the Wi-Fi 2.4 GHz & 5.0 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, the further updates on app or the function in the app may stop due to usability and security reasons, even if updates are currently supported on your OS.

Log in

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

NOTE

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

To register your appliance to SmartThings

1. Make sure your smartphone is connected to a wireless network. If not, go to **Settings** and turn on the wireless connection and select an AP (Access Point).
2. Open **SmartThings** on your smartphone.
3. If 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.

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Operations

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 medium low temperature setting to help minimize wrinkling. • Dry curtains and draperies in small loads for best results and remove 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 on 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

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Maintenance

Keep the dryer clean for best performance and to lengthen its life cycle.

⚠ 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.

Cleaning

Control panel

- Clean with a soft, damp cloth. Do not use abrasive substances.
- Do not spray liquid cleaning agents directly onto the dryer display.
- Some laundry pre-treatment soil and stain removers may damage the control panel.
- When using liquid cleaning agents, apply them to the cleaning cloth. Do not apply them directly to the dryer. Wipe up any spills or overspray immediately.

Drum

- Remove any stains from the drum with an all-purpose cleaner.
- Tumble old towels or rags to remove any remaining stains or cleaning substances. Stains may still be visible, but will not affect subsequent loads.

Powder coated drum

To clean the powder coated drum, use a damp cloth with a mild, non-abrasive cleaner suitable for easily marred surfaces.

Remove cleaner residue and dry with a clean cloth.

Dryer exterior

- Clean with a soft, damp cloth. Do not use abrasive substances.
- Protect the surface from sharp objects.
- Do not place any heavy or sharp objects or a detergent container on the dryer. They can scratch or damage the top cover of the dryer.
- The dryer has a high-gloss finish on the entire surface. Be careful not to scratch or damage the surface.

Exhaust system

- Check and clean the exhaust system on a regular basis to maintain optimum performance.
- The external exhaust hood must be cleaned frequently to ensure proper air flow.

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Maintenance

Vent sensor

The dryer features a vent sensor that detects and notifies you when it is time to clean the ductwork. Check the following if you get the "**Check the lint filter or vent condition**" message when you turn on the dryer.

NOTE

- For duct installation, see **Exhaust ducting guide** on page **35** and **Ducting requirements** on page **20**.
- The dryer may keep running even if the duct is clogged, but the drying time will be extended.
- When you get the message check the lint filter and the ducts, and clean them if necessary.
- If the message keep appears, it is because the duct is installed or connected with some restrictions (it's too long or has too many bends). This is not a system failure. However, drying time may be extended or the drying performance may be degraded.

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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 ⏵ again. • Clean the filter.
The dryer does not warm up.	• Check your home's circuit breakers or fuses. • Some cycles do not require heat. Check the selected cycle again. • For a gas dryer, make sure the gas supply is on. • Clean the lint filter and exhaust duct. • The dryer may have moved into the cool-down phase of the cycle. • Turn off the Eco Dry option for the Normal or Time Dry cycles. When the Eco Dry option is on, the dryer performs an air dry process in the beginning of the cycle to reduce energy consumption. The air dry process does not use heated air, so you may feel that the dryer is not being heated, but this is normal.
Items are not dried.	Check all of the above. Additionally: • Make sure the exhaust hood outside your home can open and close freely. • Check the exhaust system for lint buildup. Ducting should be inspected and cleaned annually. • Use a 4" rigid metal exhaust duct. • Do not overload. 1 wash load = 1 dryer load. • Dry heavy items and light weight items separately. • Large, bulky items, such as blankets or comforters, may require repositioning to ensure even drying. • Make sure that your washer is draining properly and extracting adequate water from the load. • The load may be too small to tumble properly. Add a few towels and restart the dryer. • The load may be too large to tumble properly. Remove some items and restart the dryer. • Clean the lint filter.

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Troubleshooting

Problem	Action
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. • It is normal to hear the dryer gas valve or heating element cycle on and off during the drying cycle.
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.
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.
Water drips from the nozzle when the Steam cycles starts.	• This is steam condensation. The dripping water will stop after a short time.
Sprayed water is not visible during Steam cycles.	• Sprayed water is difficult to see when the door is closed.

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Problem	Action
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.

If a problem persists, contact a local Samsung service center.

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
DC	Operating the dryer with the door open.	• Make sure the door is properly closed. • Make sure laundry is not caught in the door
FC	Invalid power source frequency.	• Try restarting the cycle. • If this information code remains, contact a Samsung service center.
AC	Electronic control problem (Invalid Communication).	Contact a Samsung service center.
HC	High temperature heating check.	• Clean the lint filter. • 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.
tC	The Thermistor1 resistance is very low or high.	• Check for a clogged lint screen. • Check if the vent system is restricted. • If this information code remains, contact a Samsung service center.
tC5	The Thermistor2 resistance is very low or high.	• Check for a clogged lint screen. • Check if the vent system is restricted. • If this information code remains, contact a Samsung service center.
dF	Incorrect door switch.	Contact a Samsung service center.

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

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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

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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)		7.6
Water pressure (psi (kPa))		20-116 (137-800)
Weight	lb (kg)	121 (55)
Heater rating	Electric (W)	5300
	Gas (BTU/hr)	20000
Power consumption (W)		5400

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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.

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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.

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LIMITED WARRANTY (U.S.A.)

LIMITATION OF REMEDIES

YOUR SOLE AND EXCLUSIVE REMEDY IS PRODUCT REPAIR, PRODUCT REPLACEMENT, OR REFUND OF THE PURCHASE PRICE AT SAMSUNG'S OPTION, AS PROVIDED IN THIS LIMITED WARRANTY. SAMSUNG SHALL NOT BE LIABLE FOR SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES, INCLUDING BUT NOT LIMITED TO TIME AWAY FROM WORK, HOTELS AND/OR RESTAURANT MEALS, REMODELING EXPENSES, LOSS OF REVENUE OR PROFITS, FAILURE TO REALIZE SAVINGS OR OTHER BENEFITS REGARDLESS OF THE LEGAL THEORY ON WHICH THE CLAIM IS BASED, AND EVEN IF SAMSUNG HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES. Some states do not allow 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 state to state.

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.
700 Sylvan Avenue,
Englewood Cliffs, NJ 07632
1-800-SAMSUNG (726-7864)
www.samsung.com/us/support

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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.

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Warranty (CANADA)

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** + **Eco Dry**" 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)