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Functional prerequisite

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Specification sheet

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## Safety information

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

### What you need to know about the safety instructions

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

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

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

### Important safety symbols

What the icons and signs in this user manual mean:

#### **↑** WARNING

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

#### **∴** CAUTION

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

### NOTE

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

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

Please follow them explicitly.

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

Read all instructions before using the appliance.

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

## SAVE THESE INSTRUCTIONS

4 English





## ♠ 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.
- To reduce the risk of severe injury or death, follow all installation instructions.
- Save these instructions.

## MARNING - 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.

## SAVE THESE INSTRUCTIONS





## Safety information

## MARNING - 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.
  - or similarly textured rubberlike materials must not be dried on a heat setting. Heated foam rubber materials can, under certain circumstances, ignite spontaneously.

#### CALIFORNIA PROPOSITION 65 WARNING

## **WARNING**

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

## SAVE THESE INSTRUCTIONS

6 English





### Important safety precautions

#### **⚠ WARNING**

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

- 1. Read all instructions before using this appliance.
- 2. Do not dry articles that have been previously cleaned in, washed in, soaked in, or spotted with gasoline, dry-cleaning solvents, or other flammable or explosive substances, as they give off vapors that could ignite or explode.
- 3. Do not use the dryer to dry clothes which have traces of any flammable substance, such as vegetable oil, cooking oil, machine oil, flammable chemicals, paint thinner, etc., or anything containing wax or chemicals, such as mops and cleaning cloths. Flammable substances may cause the fabric to catch fire by itself.
- 4. Do not store or use gasoline or other flammable vapors and liquids near this or any other appliance.
- 5. Do not allow children to play on or in the appliance. Close supervision of children is necessary when the appliance is used near children.
- 6. Before the appliance is removed from service or discarded, remove the door to the drying compartment.
- 7. Do not reach into the appliance if the drum is moving.
- 8. Do not install or store this appliance where it will be exposed to the weather.
- 9. Do not tamper with internal controls.
- 10. Do not repair or replace any part of the appliance or attempt any service unless specifically recommended in the user-maintenance instructions or in published user-repair instructions that you understand and have the skills to carry out.
- 11. Do not use fabric softeners or products to eliminate static unless recommended by the manufacturer of the fabric softener or product.
- 12. Clean the lint screen before or after each load.
- 13. Do not use heat to dry articles containing foam rubber or similarly textured rubber-like materials.
- 14. The interior of the appliance and exhaust duct should be cleaned periodically by qualified service personnel.
- 15. 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.
- 16. This appliance must be grounded. See "Electrical requirements" and "Grounding" in "Installation" section.
- 17. Do not allow children to play on or in the appliance. Close supervision of children is necessary when the appliance is used near children.

## SAVE THESE INSTRUCTIONS

English 7







## Safety information

- 18. Do not insert your hand under the dryer.
  - This may result in injury.
- 19. Take care that children's fingers are not caught in the door when closing it.
  - This may result in injury.

#### **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.
- Sharp Edges To reduce the risk of injury, use care when cleaning the condenser or evaporator coil fins.
- 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, Motor, Drain pump.

#### **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.
- 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.

## SAVE THESE INSTRUCTIONS











- 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.





English 9



## 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 quarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

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

#### FCC RADIATION EXPOSURE STATEMENT:

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

## SAVE THESE INSTRUCTIONS





#### **IC Notice**

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

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

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

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

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

#### IC RADIATION EXPOSURE STATEMENT:

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





## SAVE THESE INSTRUCTIONS



## 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.





Hereby, Samsung Electronics, declares that the radio equipment type appliance is in compliance with Directive 2014/53/EU. The full text of the EU declaration of conformity is available at the following internet address: The official Declaration of conformity may be found at http://www.samsung.com, go to Support > Search Product Support and enter the model name.

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

## SAVE THESE INSTRUCTIONS

12 English







## **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

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).
- 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.

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.

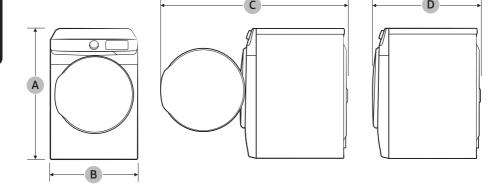






# Installation requirements

### Dimensions



Туре		Front loading dryer
	Models	DV25B6900H*
	A. Overall height	33.5 (850)
Dimensions (in. (mm))	B. Width	23.6 (600)
	C. Depth with door open	43.3 (1101)
	D. Depth	25.8 (655)







#### Clearance requirement

This clearance requirement is applicable for dryers only.



- 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

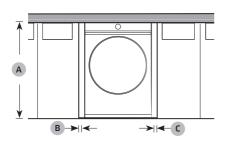
- No other fuel-burning appliance should be installed in the same closet as the dryer.
- Place the dryer at least 18 in. (460 mm) above the floor for garage installation.

Minimum clearance for stable operation:

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

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

#### Undercounter installation



А	34.4 in. (875 mm)
В	1 in. (25 mm)
С	1 in. (25 mm)





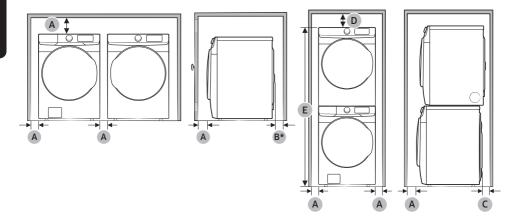


## Installation requirements

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

#### Side by side installation





Α	1 in. (25 mm)
B*	2 in. (50 mm)
С	2 in. (50 mm)
D	6 in. (152 mm)
E	67 in. (1702 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 2" is required for best dryer performance. In case of insufficient space for duct installation, properly sized vent kit is needed.



#### Stacking (SK-DH)

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.









#### **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.

#### 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.

#### Electric models

#### **⚠ WARNING**

- Your dryer has an optional cord with an equipment-grounding conductor and a grounding plug. This cord is sold separately.
- The plug must be plugged into an appropriate outlet that is properly installed and grounded in accordance with all local codes and ordinances.
- Do not modify the plug provided with your dryer if it doesn't fit the outlet, have a proper outlet
  installed by a qualified electrician.
- If a power cord is not used and the electric dryer is to be permanently wired, the dryer must be
  connected to a permanently grounded metal wiring system, or an equipment grounding conductor
  must be run with the circuit conductors and connected to the equipment grounding terminal or lead on
  the dryer.

#### **Electrical connections**

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

Do not use an extension cord.

#### 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.





## **Installation requirements**

• 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.)

#### Canada Only

A 120  $^{\prime}$  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.



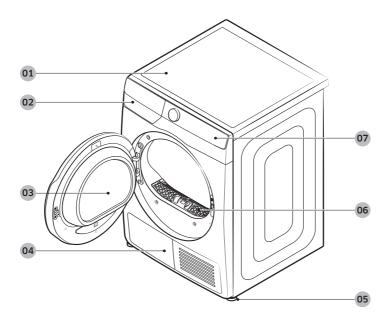




This dryer must be installed by a qualified technician. The installer is responsible for connecting the dryer to the main power while observing the relevant safety regulations of your area.

#### 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 Top cover

02 Water Tank

03 Door

04 Heat exchanger

05 Levelling Leg

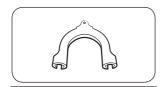
06 Lint filter

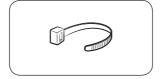
07 Control Panel





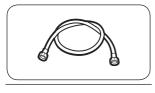
#### Accessories (supplied)



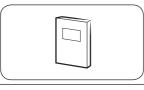




Hose guide







Hose connector

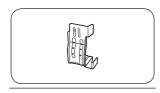


Long drain hose (6.5 ft/2 m)

User manual

Cleaning brush

#### Accessories (Canada Model Only)



Bracket-Stacking kit (SK-DH)

#### NOTE

- The stacking kit allows the dryer to be stacked on top of a washer. Please note that the stacking kit can only be used with Samsung washers and dryers. To purchase a bracket stacking kit, contact a Samsung service center or local appliance retailer. The stacking kit differs with the washer model.
- For stacking instructions for the dryer, see the installation manual included in the stacking kit.
- For information about model-specific availability of the stacking kit, see the installation manual included in the stacking kit.









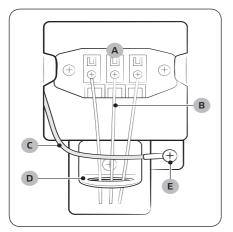
### Step-by-step installation

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

### STEP 1 Connect the electrical wiring

First, read through the "Electrical requirements" section, and then follow the instructions on this page or the next page. Instructions for a 3-wire system are on this page. Instructions for a 4-wire system are on the next page.

#### For a 3-wire system



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

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

### 

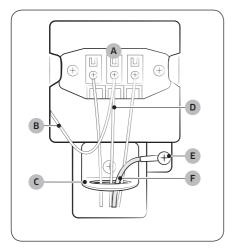
- To convert from the 4-wire system to 3-wire system, connect the ground strap to the terminal block support to ground the dryer frame to the neutral conductor.
- Ring-type terminals are recommended. If using strap terminals, make sure they are tightened.
- Connect the power cord and check L1/L2/N voltage. If the voltage is low, it may not heat properly.







#### For a 4-wire system



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

F. Green or bare copper wire of power cord

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

### A 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.
- Loosen or remove the screws from the center terminal block.
- Connect the neutral wire (white or center wire) and ground wire (white) to the center, silvercolored terminal 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.
- Insert the tab of the terminal block cover into the rear panel of the dryer. Then, secure the cover with a hold-down screw.

## ♠ CAUTION

Connect the power cord and check L1/L2/N voltage. If the voltage is low, it may not heat properly.

## À

#### WARNING

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







- Remove the terminal block cover plate.
- Insert the power cord with a UL-listed strain relief through the hole provided in the cabinet near the terminal block.
- A strain relief must be used.
- Do not loosen the nuts already installed on the terminal block. Be sure they are tight.
- Use a 3/8" (1 cm) deep well socket.
- Since january 1, 1996, The national electric code requires that new wiring (not existing) utilize a 4-wire connection to this dryer.

### STEP 2 Level the dryer

Before you install the dryer, make sure you have read the Installation requirements on page 9. Please note that the following instructions are for installation without using a drain hose. For instructions on using a drain hose, see the next section, Drain hose (if necessary) on page 20. For convenience, consider installing the dryer next to your washer.

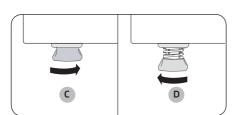


- 1. Carefully move the dryer to the desired location.
- 2. Use a level (A) and check the levelness of the dryer from side to side and front to back.
- 3. If the dryer is not level, adjust the levelling legs (B). Turning a leg counter-clockwise retracts the leg. Turning a leg clockwise extends the leg.
- 4. Once the dryer is level, make sure the dryer stands firmly on the floor.
- 5. Plug in the dryer.











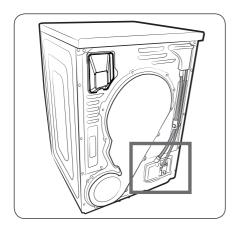
- The dryer can be levelled using either or both of the front and rear legs of the dryer.
- To set the dryer to the same height as the washer, fully retract (C) the levelling legs by turning them counter clockwise, then loosen (D) the legs by turning them clockwise.
- Extend the levelling leg only as much as necessary. Extending the levelling leg more than necessary can cause the dryer to vibrate.





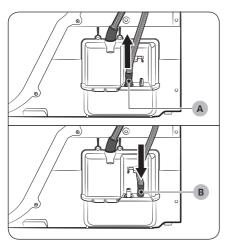


### Drain hose (if necessary)



Important: This dryer comes with a built in water tank that stores water captured by the dryer from drying clothes. The water tank must be emptied manually before or after each load. See page 45. However, you can install the provided long drain

hose as described below and have the water empty directly into a nearby sink or drain pipe automatically.

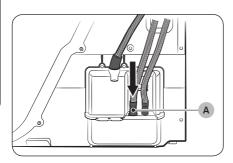


1. Remove the drain hose from hole (A), and insert it into hole (B).



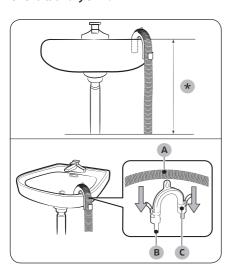


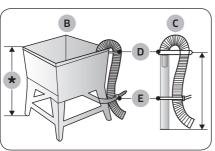




- 2. Insert one end of the accessory hose (the long drain hose) into hole (A).
- Position the other end (the outlet) over a laundry sink or connect it to the drain pipe of a laundry sink. See the instructions below or on the next page.

#### Over a laundry sink:





- Make sure to place the end of the accessory hose no more than 3 ft. (90 cm) above the bottom of dryer.
- 2. To bend the accessory hose so that it hooks over the edge of the sink, use the supplied plastic hose guide (B) and secure the guide to the wall with a hook or to the tap with a piece of string. Assemble the drain hose (A) and the hose guide (B) and fix them with the cable-tie (C).

### **!** CAUTION

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

#### In a standpipe or laundry tub

The laundry tub **(B)** or standpipe **(C)** must be no higher than 35.4 In (90 cm).

Make sure the drain hose and the standpipe are not airtight.  $\label{eq:continuous} % \begin{subarray}{ll} \end{subarray} % \begin{subarray}{ll}$ 

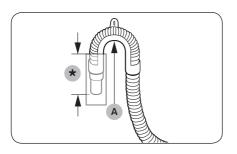
### NOTE

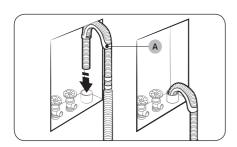
D: Hose retainer / E: Tie straps











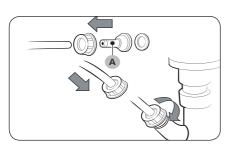


- Connect the hose guide (A) within 6 in. (15 cm)\* of the end of the drain hose. If the drain hose is extended beyond the end of the hose guide, mold or microorganisms could spread inside the
- The drain hose can be installed up to 35.4 in. (90 cm) high, but the draining capability can be reduced at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

#### Wall standpipe drain system

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





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

### ✓! CAUTION

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



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





#### Installation checklist

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

### Before using the dryer

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

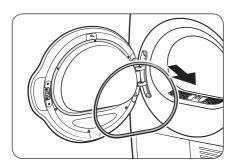






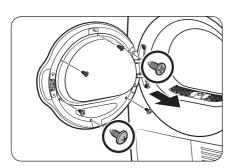


### Switching the door position

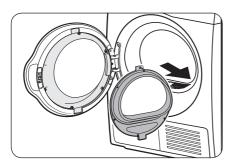


To reverse the direction of the door, we recommend that you contact a qualified technician and have the technician follow the directions below.

1. Remove the door packing from the door.



- Remove the screws on the inner glass holder of the door.
  - Loosen and remove the 3 screws on the top and 3 screws on the bottom.



Detach the glass holder.

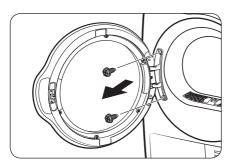
### **!** CAUTION

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

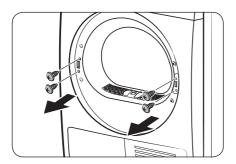




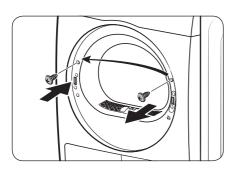




- Remove the hinge screws, and then detach the
  - Loosen and remove the 2 bolts on the door frame.
  - To prevent abrasion on the bolts, use a hex screwdriver.



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

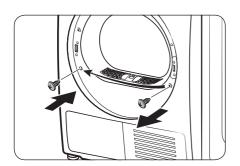


Remove the upper screw on the right of the door frame, and then insert it in the corresponding left hole of the door frame. Do not remove the lower bracket screws.

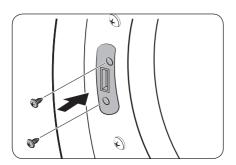




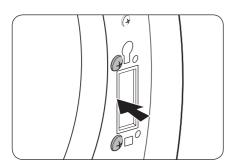




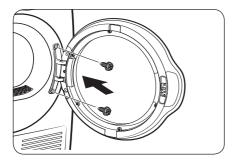
Remove the bottom screw on the right frame, and then insert it in the corresponding hole on the left frame.



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



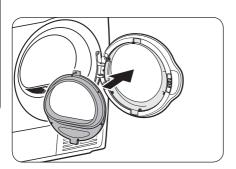
- Insert the 2 removed bracket screws in the left frame as shown.
  - See the figure on the left for the correct position of the screws.



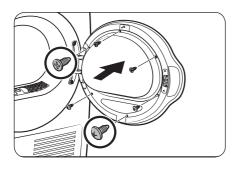
- 10. Insert the 2 removed bracket screws in the left frame as shown.
  - See the figure on the left for the correct position of the screws.



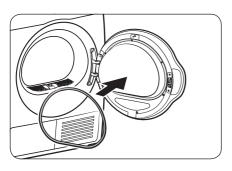




Insert the inner glass holder in the door cover that has been installed on the right frame.



12. Tighten the 3 screws on the top and 3 screws on the bottom.



**13.** Attach the door packing to the door.







## Before you start

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

### Initial setup

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

01 Language selection	02 Welcome screen	
	Welcome!	
03 Tutorial		
Let's explore your new dryer! [Tap OK to skip]	Turn the dial to explore cycles [Tap OK to skip]	
Now hold to start a cycle [Tap OK to skip]	Options Tap to see options [Tap OK to skip]	
Try saving favorites in My Cycles	A dryer that knows you! All Done!	









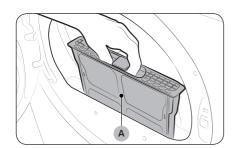
## Before you start

#### 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
- Do not use a damaged or broken lint filter. This may reduce performance and/or cause fire.





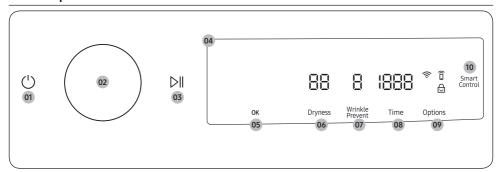


# **Operations**

#### **⚠ WARNING**

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

### Control panel



<b>01</b> Power (¹)	Tap to turn the dryer on or off.  If you do not manipulate the control panel for 10 minutes after the dryer is turned on, the dryer automatically turns off.  The dryer automatically turns off when the drying completes.	
	CAUTION	
	Do not tap () to turn the dryer off while the drying is in progress. Tap and hold   to pause the cycle first, and then tap () to turn the dryer off.	
<b>02</b> Navigation dial	Turn the <b>Navigation dial</b> left or right to navigate through cycles and functions. When you turn the <b>Navigation dial</b> , the display shows your selection (such as cycle, additional features, and settings).	
<b>03</b> Start/Pause ▷∥	Tap and hold to start or pause an operation.	
<b>04</b> Display	The display shows the current cycle, estimated time remaining, cycle options, and other useful or alert messages.	
<b>05</b> OK	Tap to confirm your selection of function or setting.	
	Tap to change the dry level for the selected cycle. You can select from level <b>1</b> to <b>5</b> , but available level depends on the selected cycle.	
	<ul><li>4 or 5: Suitable for large and thick items.</li><li>3: Standard drying level.</li></ul>	
<b>06</b> Dryness	<ul> <li>2: The Damp dry level is designed to partially dry items. Use for items that lay flat or hang to dry.</li> <li>1: Gently dries items to protect fabric. Suitable for delicate items or items you</li> </ul>	
	want to naturally dry (by hanging or laying flat on drying rack) while they are damp.	







# Operations

07 Wrinkle Prevent	Wrinkle Prevent can only be adjusted in Wrinkle Prevent cycle. Tap to change the Wrinkle Prevent of the current cycle.
08 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.
<b>09</b> Options	<ul> <li>Tap to enter the Options menu.</li> <li>Tap and hold for 3 seconds to enter the Settings menu.</li> </ul>
10 Smart Control	After connecting the Tumble Dryer to your home network using the SmartThings app, you can control or monitor the dryer remotely. When started, the Smart Control (Smart Monitor) indicator turns on. The dryer enters waiting mode and waits for remote commands.

#### Icon description

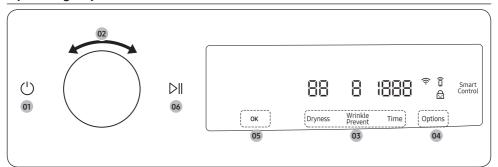
<u></u>	Wi-Fi	This icon indicates that the dryer is connected to Wi-Fi.
Î	Smart Control	This icon indicates that Smart Control is on. For more information on "Smart Control", see page 44.
₽	Child Lock	This icon indicates that Child Lock is on. For more information on "Child Lock", see page 41.







## Operating a cycle



- 1. Tap (b) to turn on the dryer.
- 2. Turn the Navigation dial to select the cycle you want. For more information on "Cycle overview", see page 38.
- 3. Tap Dryness, Wrinkle Prevent, or Time to change the default cycle settings.
- 4. Tap Options, and then turn the Navigation dial to select additional function. For more information on "Options", see page 39.
- 5. Tap OK to change the settings for selected additional function. Not all cycles have additional features available.
- 6. Tap and hold > I to start operation. Once you set the cycle you want, the screen displays a brief cycle description, and cycle time. You can also check the cycle progress, remaining cycle time, and information codes.







# Cycle overview



Other cycles can be used after adding them to your cycle list using the My Cycles function. For more information, see the "My Cycles" section on page 40.

Cycle	Description
Normal	For most fabrics including cottons and linens.
Time Dry	You can specify a cycle time by a 10-minute unit.
40' Express	For drying light cotton synthetics or items that need quick drying. The default dry time is 40 minutes.
Heavy Duty	For drying items made out of heavy fabrics, such as jeans, corduroys, or work clothes, with high temperature heat.
Mixed Load	For mixed loads consisting of cotton and synthetic fabrics.
Delicates	For heat-sensitive items at a low drying temperature.
Towels	Use to dry loads such as bath towels.
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 for removing moisture of Jeans and denims.
Shirts	Use to quickly dry a few items such as a shirt.
Wool	For machine washable and tumble dryable wool only. For best results, turn laundry inside out before drying.
Perm Press	Dry wrinkle-free cottons, synthetic fabrics, knits, and permanent press fabrics automatically.
AirFluff	Tumbles the load in room temperature air.
Refresh	Uses warm air to deodorize and refresh items.

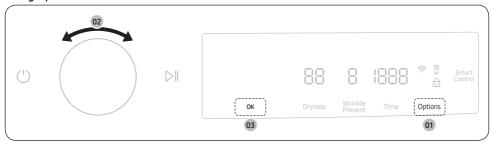






## **Options**

### **Using Options**



- 1. Tap Options.
- 2. Turn the Navigation dial to select the desired additional function.
- 3. Tap **OK** to change the selected function's settings or start the function.

## NOTE

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







### Damp Alert

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

- 1. Select a cycle and change the cycle settings as necessary.
  - This function is available for Normal, Heavy Duty, Delicates, Perm Press, Towels and Denim with Dryness set to 2-5.
- 2. Tap Options.
- 3. Turn the Navigation dial to select Damp Alert, and then tap OK.
- 4. Tap OK to select On or Off.

### Alarm during drying:

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

## My Cycles

Add or remove cycles to create a personal cycle list.

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



The Normal cycle cannot be removed from the cycles list.

#### **Drum Light**

You can turn the drum light on or off.

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





#### Child Lock

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

- 1. Close the door.
- 2. Tap Options.
- 3. Turn the Navigation dial to select Child Lock, and then tap OK.
- 4. Tap OK to select On or Off.

  - You cannot turn on Child Lock with the door open. If you get the "Door is open" message on the display while you try to turn on Child Lock, close the door and try again.

### (A) NOTE

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

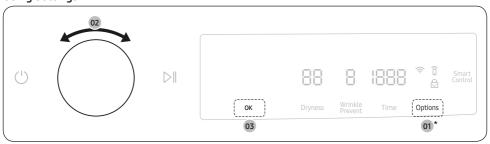






## **Settings**

## **Using Settings**



\* Tap and hold 3 seconds.

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

## NOTE

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

#### Al Pattern

This function saves your frequently used cycles and settings.

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

- When you turn off the function, all the saved data resets.







#### Sound

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

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



The setting remains unchanged even if you restart the dryer.

#### Wi-Fi

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

- 1. Tap and hold **Options** for 3 seconds.
- 2. Turn the Navigation dial to select Wi-Fi, and then tap OK.
- 3. Tap OK to select On or Off.
  - The dryer's Wi-Fi is off as a factory default setting. However, the dryer's Wi-Fi turns on automatically when you turn on the dryer for the first time. Then, the final Wi-Fi setting maintains regardless of the dryer power status.
  - Once you turn on the dryer's Wi-Fi and connect to a network, the dryer remains connected to the network even when you turn off the power.

#### Language

You can change the system language.

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

### **Factory Reset**

You can reset your dryer.

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







## Special features

### **Smart Control**

You can connect to the SmartThings app and control your dryer remotely. (Smart Control for electric model.

#### Connecting your dryer

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

## NOTE

- If your dryer fails to connect with the SmartThings app, try again.
- Check your router if you experience any Internet connection problem after connecting your dryer with the SmartThings app.
- If the Wi-Fi is off, tap and hold Options for 3 seconds to navigate to Settings, select Wi-Fi and tap OK to
- Turning the dryer's Wi-Fi on allows you connect to the dryer via SmartThings app on your smartphone regardless of the power status of the dryer. However, the dryer appears offline on the SmartThings app if the dryer's Wi-Fi is off.
- Close the door before starting the Smart Control function.
- If you use the dryer 20 times without being connected to SmartThings, the next time you turn the dryer on, a pop-up about Smart Control connection will appear for 3 seconds.
- If the dryer's Wi-Fi is not connected to an AP (access point), the Wi-Fi will turn off when you turn of the power.

#### Stav Connect

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

- 1. If you turn on the Stay Connect function on the SmartThings app, the dryer will stay in standby power saving mode after completing a cycle.
  - The Stay Connect function will remain active for up to 24 hour if the door remains closed.
- 2. When the Stay Connect function is active, the Smart Control ☐ and Wi-Fi 🤶 turn on your dryer display.
- 3. Conveniently control your dryer using the SmartThings app

## NOTE

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







## SmartThings

#### Wi-Fi connection

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

• This appliance supports the Wi-Fi 2.4 GHz protocols.

#### Download

On an app market (Google Play Store, Apple App Store, Samsung Galaxy Apps), find the SmartThings app by searching for "SmartThings". Download and install the app on your device.



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.







# Cycle chart



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

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

Cycle	Recommended items	Load size	Dry level
Normal	Cottons, work clothes, linens, mixed loads	•	Level 2 (Adjustable)
Perm Press	Shirts, synthetic fabrics, knits, wrinkle-free cottons, permanent press	•	Level 2 (Adjustable)
Mixed Load	Mixed load is consisting of cotton and synthetics fabrics	•	Level 2 (Adjustable)
Heavy Duty	Heavy fabrics such as jeans, corduroys, heavy work clothes	•	Level 2 (Adjustable)
Denim	Jeans, Denims	0	Level 2 (Adjustable)
Delicates	Underwear, blouses, lingerie	•	Level 2 (Adjustable)
Wool	For machine washable and tumble dryable wool only (Maximum amount : 3 lbs)	0	Level 1 (Not Adjustable)
Bedding	For bulky items such as blankets, sheets, comforters, and light duvets.	•	Level 2 (Not Adjustable)
Activewear	Water-repellent wear, performance clothes, sports wear (Maximum : 4 lbs)	•	Level 2 (Not Adjustable)
Towels	Bath towels and similar items	•	Level 2 (Adjustable)
Shirts	Shirt, Blouses	0	Level 2 (Adjustable)
40' Express	Small loads	0	-
Refresh	Shirts, trousers, pillows	0	-
Air Fluff	Foam, rubber, plastic	0	-
Time Dry	Any load		-







# NOTE

ullet : factory setting,  $\bigcirc$  : can be selected

	Time -	Options	
Cycle		Damp Alert	Wrinkle Prevent
Normal		0	0
Perm Press		0	0
Mixed Load		0	0
Heavy Duty			0
Denim			0
Delicates			0
Wool			0
Bedding			0
Activewear			0
Towels			0
Shirts		0	0
40' Express	0		0
Refresh	0		0
Air Fluff	0		0
Time Dry	0		0

**(** 







# 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	
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.  MARNING  Drying a rubber item with heat may damage it or cause a fire.
Pillows	Use Normal.  Add a couple of dry towels and a pair of clean sneakers to help the tumbling action and to fluff the pillows.  Do not dry kapok or foam pillows using a heated drying cycle.
Plastics (shower curtains, outdoor furniture covers, etc.)	Use TIME DRY and the Low temperature settings depending on the care label instructions.

## **⚠ WARNING**

## Do not dry:

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







# **Maintenance**

## **⚠** WARNING

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

# Control panel

- Clean with a soft, damp cloth. Do not use abrasive substances.
- Do not spray liquid cleaning agents directly on the display of the dryer.
- 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.

### Tumbler

- Remove any stains from the tumbler 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.

## Stainless steel tumbler

To clean the stainless steel tumbler, 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.

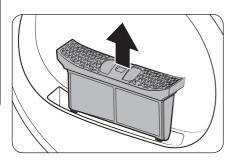
### Lint filter

Clean the lint filter after each load.

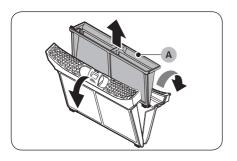
Lingtion



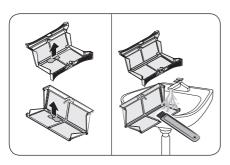
# Maintenance



1. Open the door and pull the lint filter upward to remove.



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



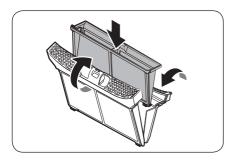
- 3. Unfold both the inner filter and the outer filter.
- 4. Remove the lint from both filters, and then clean the filters with the cleaning brush.
- NOTE

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









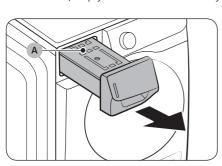
5. Put the inner filter into the outer filter, and then reinsert the lint filter into its original position.

## **!** CAUTION

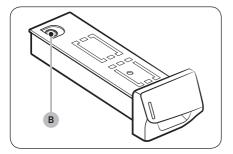
- Clean the lint filter after each load. Otherwise, the drying performance may decrease.
- Do not operate the dryer without the inner filter inside the outer filter.
- Using the dryer with a wet lint filter may cause mold, bad odors, or a decrease in drying performance.

## Water tank

To avoid leaks, empty the water tank after every load.



1. Using both hands, pull the water tank (A) forward to remove.



2. Empty the water through the drain hole (B), and then put the water tank back into place.



If you empty the water tank and then press and hold Start/Pause (Hold to Start), the corresponding indicator turns off.

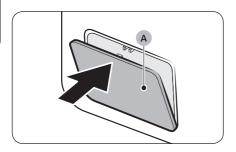




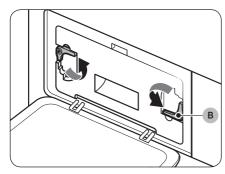
# Maintenance

# Heat exchanger

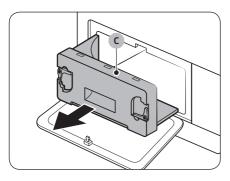
Clean the heat exchanger at least once a month. As a reminder, the heat exchanger indicator (既) lights up on the display when the heat exchanger needs to be cleaned.



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



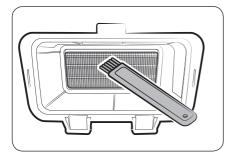
2. Unlock the fixers (B).

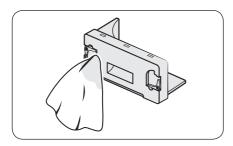


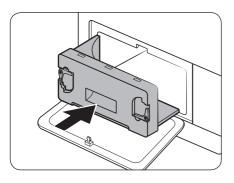
3. Remove the inner cover (C).











4. Clean the heat exchanger with the provided cleaning brush or a vacuum cleaner with a brush attachment. Take care not to bend or damage the heat exchanger fins when cleaning. This may lead to a decrease in drying performance.

## /!\ CAUTION

- To avoid physical injury and burns, do not touch or clean the heat exchanger with bare hands.
- Do not use water to clean the heat exchanger.
- 5. Clean the inner cover with a smooth, damp cloth.

- 6. Reinsert the inner cover in its original position, and then lock the fixers.
- 7. Close the outer cover.

## NOTE

After cleaning, make sure the fixers are locked.







# **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.	<ul> <li>Make sure the dryer is plugged in.</li> <li>Make sure the door is properly closed.</li> <li>Check the fuse or reset the circuit breaker.</li> <li>If you opened the door during a cycle, tap and hold ▷ again.</li> <li>Clean the filter.</li> <li>Make sure Child Lock is not activated.</li> </ul>
The dryer does not warm up.	<ul> <li>Check your home's circuit breakers or fuses.</li> <li>Some cycles do not require heat. Check the selected cycle again.</li> <li>Clean the lint filter and exhaust duct.</li> <li>The dryer may have moved into the cool-down phase of the cycle.</li> </ul>
Items are not dried.	<ul> <li>Check all of the above. Additionally:</li> <li>Make sure the exhaust hood outside your home can open and close freely.</li> <li>Check the exhaust system for lint buildup. Ducting should be inspected and cleaned annually.</li> <li>Use a 4" rigid metal exhaust duct.</li> <li>Do not overload. 1 wash load = 1 dryer load.</li> <li>Dry heavy items and light weight items separately.</li> <li>Large, bulky items, such as blankets or comforters, may require repositioning to ensure even drying.</li> <li>Make sure that your washer is draining properly and extracting adequate water from the load.</li> <li>The load may be too small to tumble properly. Add a few towels and restart the dryer.</li> <li>The load may be too large to tumble properly. Remove some items and restart the dryer.</li> <li>Clean the lint filter.</li> </ul>
The dryer is too loud.	<ul> <li>Look for coins, loose buttons, nails, and other objects and remove them immediately.</li> <li>Check the lint filter. Remove any items stuck inside the lint filter.</li> <li>Make sure the dryer is level and standing firmly on the floor.</li> <li>The dryer may hum due to air moving through the drum and fan. This is normal.</li> <li>It is normal to hear the dryer gas valve or heating element cycle on and off during the drying cycle.</li> </ul>







Problem	Action
Items are not dried evenly.	<ul> <li>Seams, pockets, and other parts of clothing are harder to dry than others. This is normal.</li> <li>Sort heavy and light items separately.</li> </ul>
There is a smell coming from the dryer.	<ul> <li>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.</li> <li>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.</li> <li>Do not attempt to dry wet items after leaving them in the washing machine or dryer for a long time.</li> </ul>
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.	<ul> <li>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.</li> <li>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).</li> <li>Check the inside of the pockets to make sure they are empty before drying.</li> </ul>
Items still wrinkled after Wrinkle Prevent (Wrinkle Away, Wrinkle Release).	<ul> <li>Small loads of 1 to 4 items work best.</li> <li>Load fewer items. Load similar-type items.</li> <li>Take out the items immediately after drying is complete.</li> </ul>
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.
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.







# **Troubleshooting**

## Information codes

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

Information code	Meaning	Action	
Door is open	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.	
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.	<ul> <li>Check for a clogged lint screen.</li> <li>Check if the vent system is restricted.</li> <li>If this information code remains, contact a Samsung service center.</li> </ul>	
dF	Incorrect door switch.	Contact a Samsung service center.	

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









# **Specifications**

## Fabric care chart

The following symbols provide garment care direction. The clothing care labels include symbols for drying, bleaching, ironing, and dry cleaning. 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.

## Wash cycle

	Normal
$\square$	Permanent press/Wrinkle resistant/ Wrinkle control
	Gentle/Delicates
	Hand wash

### Water temperature

•••	Hot
••	Warm
•	Cold

## NOTE

The Water Temperature table lists appropriate wash water temperatures for various items. The temperature range is 106-126 °F (41-52 °C) for Hot, 84-106 °F (29-41 °C) for Warm, and 61-84 °F (16-29 °C) for Cold. (Wash water temperature must be a minimum of 61 °F (16 °C) for detergent activation and effective cleaning.)

#### Bleach

	Any bleach (when needed)
	Only non-chlorine (color-safe) bleach (when needed)
Ш	Tumble dry

#### Normal

Permanent press/Wrinkle resistant/ Wrinkle control
Gentle/Delicates

## Special instructions

	Line dry/Hang to dry
III	Drip dry
	Dry flat

### Heat setting

$\odot$	High
·	Medium
0	Low
0	Any heat
	No heat / Air

### Iron dry or steam temperatures

<u></u>	High
	Medium
$\Box$	Low







# **Specifications**

## Warning symbols for laundering

容	Do not wash	
<b>≫</b>	Do not wring	
*	Do not bleach	
<b>₩</b>	Do not tumble dry	
<b>A</b>	No steam (added to iron)	
<b>A</b>	Do not iron	

### Dry-clean

0	Dry-clean	
8	Do not dry-clean	
	Line dry / Hang to dry	
III	Drip dry	
	Dry flat	

## 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**

Туре		Front loading dryer
Capacity (Cu.ft)		4.0
Weight	lb (kg)	114 (52)
Power consumption (W)		570







# **LIMITED WARRANTY (U.S.A.)**

#### SAMSUNG DRYER

#### LIMITED WARRANTY TO ORIGINAL CONSUMER PURCHASER WITH PROOF OF PURCHASE

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 limited warranty period, starting from the date of original purchase, of:

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 must be presented upon request as proof of purchase to SAMSUNG or SAMSUNG's authorized service center to receive warranty service.

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

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

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

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







# LIMITED WARRANTY (U.S.A.)

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

### **EXCLUSION OF IMPLIED WARRANTIES**

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

#### LIMITATION OF REMEDIES

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.

85 Challenger Road

Ridgefield Park, NJ 07660

1-800-SAMSUNG (726-7864)

www.samsung.com/us/support







# Warranty (CANADA)

#### SAMSUNG DRYER

#### LIMITED WARRANTY TO ORIGINAL PURCHASER

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

One (1) year part and labor

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

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

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

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

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

In-home service is not available in all areas

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

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

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

All replaced parts and products become the property of SAMSUNG and must be returned to SAMSUNG. Replacement parts and products assume the remaining original warranty, or ninety (90) days, whichever is longer.

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

This limited warranty does not cover problems resulting from incorrect electric current, voltage or supply, light bulbs, house fuses, house wiring, cost of a service call for instructions, or fixing installation errors. SAMSUNG does not warrant uninterrupted or error-free operation of the product.







# 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

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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# SAMSUNG



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

\*Requires reader to be installed on your smartphone

Scan this with your smartphone



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

### QUESTIONS OR COMMENTS?

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



