

## Before you start

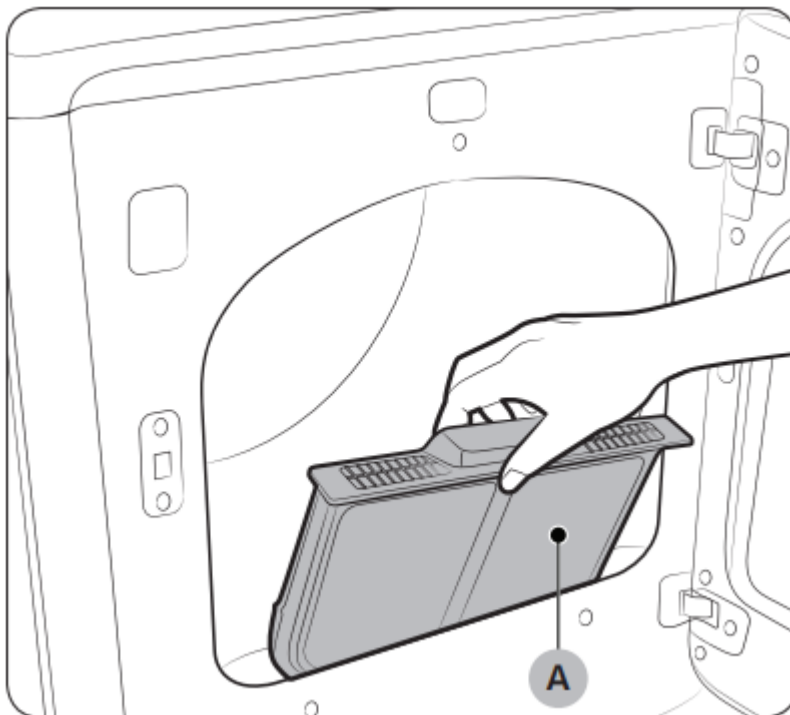
Here are a few things you should know before starting your dryer.

### 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.
- Overloading reduces the tumbling performance, 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 tumbler.
3. Remove the lint that has accumulated, and then clean the lint filter.
4. Reinsert the lint filter, and then close the door.

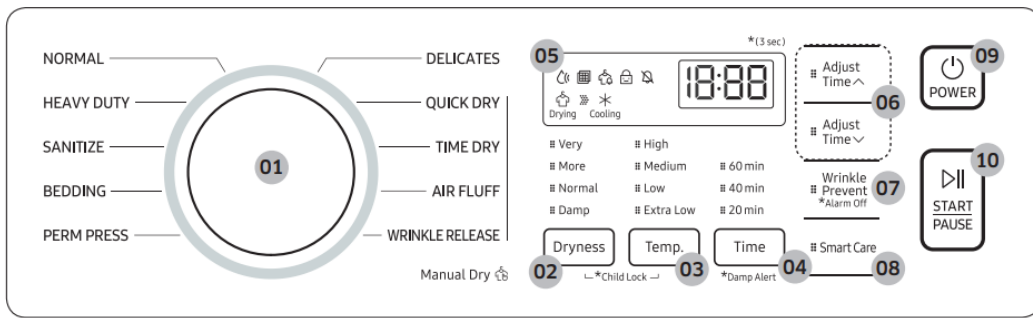
#### **CAUTION**

- 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.

## **Operations**

**WARNING** To reduce the risk of fire, electric shock, or injury to persons, read the “Safety information” before operating this appliance.

## Feature panel







<p><b>01 Cycle Selector</b></p>	<p>Turn the cycle selector to select a desired cycle. When a cycle is selected, the cycle indicator lights up.</p> <ul style="list-style-type: none"> <li>• <b>Manual Dry:</b> The drying time is fixed.</li> </ul>
<p><b>02 Dryness</b></p>	<p>Press to select a dry level. You can select from 4 different options. Please refer to following recommendations to select the appropriate dryness.</p> <ul style="list-style-type: none"> <li>• Larger or bulkier loads may require Very Dry or More Dry for complete dryness.</li> <li>• Damp Dry is designed to partially dry items. Use for items that lay flat or hang to dry.</li> </ul> <p><b>NOTE</b></p> <p>This option is not available with QUICK DRY, TIME DRY, AIR FLUFF and WRINKLE RELEASE.</p>
<p><b>03 Temp.</b></p>	<p>Temperature can only be adjusted in TIME DRY and WRINKLE RELEASE cycles. Press to change the temperature of the current cycle. You can select from 3-4 different options. Please select the appropriate temperature depending on the items in the load.</p> <ul style="list-style-type: none"> <li>• High: For sturdy cottons or those labeled Tumble Dry.</li> <li>• Medium: For permanent press, synthetics, lightweight cottons, or items labeled Tumble Dry Medium.</li> <li>• Low: For heat sensitive items labeled Tumble Dry Low or Tumble Dry Warm.</li> <li>• Extra Low: Provides the lowest heated drying temperature possible.</li> </ul>
<p><b>04 Time</b></p>	<p>Press to adjust the drying time for the Manual Dry cycles. This is not available with the Sensor Dry cycles because the dryer determines the drying time by sensing the current moisture level of the load.</p> <p>* <b>Damp Alert</b> </p> <p>This alert is available for all sensor dry cycles except for ACTIVE WEAR and SANITIZE. Available dry levels are Less, Normal, More, and Extra.</p> <p>If a load contains mixed fabrics, the Damp Alert indicator blinks when average dryness of the items in the load is 80 % dry. This lets you take items that you don't want fully dried or that dry quickly out of the dryer early while letting others continue to dry.</p>
<p><b>05 Digital Graphic Display</b></p>	<p>Displays all cycle information, including the cycle time, information code, and operating status.</p>
<p><b>06 Adjust Time</b></p>	<p>You can change the set time in the Manual Dry cycles (TIME DRY, QUICK DRY, AIR FLUFF and WRINKLE RELEASE). To change the cycle time, press <math>\wedge</math> or <math>\vee</math> until the desired time is displayed.</p>
<p><b>07 Wrinkle Prevent</b></p>	<p>Wrinkle Prevent provides approximately 180 minutes of intermittent tumbling in unheated air at the end of the cycle to reduce wrinkling. Press <b>Wrinkle Prevent</b> to activate this feature. The load is dry, and can be removed at any time during the Wrinkle Prevent cycle.</p>
<p><b>08 Smart Care</b></p>	<p>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 Care indicator blinks. The dryer enters waiting mode and waits for remote commands.</p>



**NOTE** Extremely tangled items finished by the washer may degrade the drying efficiency or cause the door to open. We recommend that you untangle the items before drying.

### Icon description

	Sensor Dry	This icon appears when the dryer operates the cycle which senses the internal humidity to determine the drying time.
	Filter Check	This icon displays after every load as a reminder to clean the lint filter. Clean the lint filter before every cycle and make sure the filter is properly inserted before starting a cycle.
	Child Lock	This icon indicates that Child Lock is on. For more information on Child Lock, see page 42.
	Alarm Off	This icon indicates that the alarm is off. For more information on Alarm Off, see page 42.

### Simple steps to start

1. Press **POWER** to turn on the dryer.
2. Turn the **Cycle Selector** to select a cycle.
3. Change the cycle settings (**Dryness** and **Time**) as necessary.
4. Optionally, you can activate options available by pressing the relevant button (**Wrinkle Prevent**).
5. Press **START/PAUSE**. The dryer indicator turns on with an estimated cycle time on the display.

### To change the cycle during operation

1. Press **START/PAUSE** to stop operation.
2. Select a different cycle.
3. Press **START/PAUSE** again to start the new cycle.

### Cycle overview

#### Sensor Dry

Sensor Dry cycles sense moisture in the load and stop the dryer when the load reaches the dryness level you have selected with Dryness.



Cycle	Description
<b>NORMAL</b>	For most fabrics including cottons and linens.
<b>HEAVY DUTY</b>	For drying items made out of heavy fabrics, such as jeans, corduroys, or work clothes, with high temperature heat.
<b>SANITIZE</b>	Lets you sanitize garments by infusing high temperature heat deep into the fabric during the drying cycle.
<b>BEDDING</b>	For bulky items such as blankets, sheets, and comforters.
<b>PERM PRESS</b>	Dry wrinkle-free cottons, synthetic fabrics, knits, and permanent press fabrics automatically.
<b>DELICATES</b>	For heat-sensitive items at a low drying temperature.

### Manual Dry

You can change the drying settings manually to your preference

Cycle	Description
<b>QUICK DRY</b>	A quick drying cycle running for 30 minutes. The default cycle time is 30 minutes. However, you may manually change the cycle time if necessary.
<b>TIME DRY</b>	You can specify a cycle time in minutes.
<b>AIR FLUFF</b>	Tumbles the load in room temperature air.
<b>WRINKLE RELEASE</b>	The <b>WRINKLE RELEASE</b> cycle will release wrinkles from items that are clean, dry, and only slightly wrinkled, such as clothes from a crowded closet, suitcase or items that have been in the dryer too long after the cycle has ended. <b>WRINKLE RELEASE</b> can be used with any temperature selection.

### Cycle chart

**NOTE**

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













Large load: Fill the drum to about 3/4 full. Do not add items over this level as they need to tumble freely.



Medium load : Fill the drum to about 1/2 full.



Small load : Fill the drum with 3-5 items, not more than 1/4 full.

Cycle		Recommended items	Load size	Dryness
Sensor Dry	NORMAL	Cottons, work clothes, linens, mixed loads		Normal Dry (Adjustable)
	HEAVY DUTY	Heavy Fabrics such as jeans, corduroys, heavy work clothes		Normal Dry (Adjustable)
	BEDDING	Bulky items such as blankets, sheets, comforters, pillows		Normal Dry (Adjustable)
	PERM PRESS	Shirts, synthetic fabrics, knits, wrinkle-free cottons, permanent press		Normal Dry (Adjustable)
	DELICATES	Underwear, blouses, lingerie		Normal Dry (Adjustable)
	SANITIZE	Bedding, curtains, children's clothing		Very Dry (Not adjustable)
Manual Dry	TIME DRY	Any load		-
	QUICK DRY	Small loads		-
	AIR FLUFF	Foam, rubber, plastic		-
	WRINKLE RELEASE	Shirts, trousers, blouses		-

**NOTE**



: factory setting,



: can be selected



Cycle		Temperature setting				Time setting
		High	Medium	Low	Extra Low	
Sensor Dry	NORMAL		●			
	HEAVY DUTY	●				
	BEDDING	●				
	PERM PRESS		●			
	DELICATES				●	
	SANITIZE	●				
Manual Dry	TIME DRY	●	●	●	●	●
	QUICK DRY	●				●
	AIR FLUFF					●
	WRINKLE RELEASE		●	●	●	●

Cycle		Options	
		Adjust Time	Wrinkle Prevent
Sensor Dry	NORMAL		●
	HEAVY DUTY		●
	BEDDING		●
	PERM PRESS		●
	DELICATES		●
	SANITIZE		●
Manual Dry	TIME DRY	●	●
	QUICK DRY	●	●
	AIR FLUFF	●	●
	WRINKLE RELEASE	●	●

### Cycle 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.



Cycle	Description
<b>Bedspreads &amp; Comforters</b>	<p>Follow the care label instructions or dry using BEDDING.</p> <ul style="list-style-type: none"> <li>• Make sure the item is thoroughly dry before using or storing.</li> <li>• May require repositioning in the drum to ensure even drying.</li> </ul>
<b>Blankets</b>	<p>Use NORMAL and dry only one blanket at a time for best tumbling action.</p> <ul style="list-style-type: none"> <li>• Make sure blankets are is thoroughly dry before using or storing.</li> </ul>
<b>Curtains &amp; Draperies</b>	<p>Use PERM PRESS and the Medium temperature setting to help minimize wrinkling.</p> <ul style="list-style-type: none"> <li>• Dry curtains and draperies in small loads for best results and remove as soon as possible.</li> </ul>
<b>Cloth Diapers</b>	<p>Use NORMAL and the Medium temperature setting for soft, fluffy diapers.</p>
<b>Down-filled Items (jackets, sleeping bags, comforters, etc.)</b>	<p>Use NORMAL and the Medium temperature setting.</p> <ul style="list-style-type: none"> <li>• Add a couple of dry towels to absorb moisture and shorten drying time.</li> </ul>
<b>Foam Rubber (rug backs, stuffed toys, shoulder pads, etc.)</b>	<p>Do not dry on a heat setting.</p> <p><b>WARNING</b> Drying a rubber item with heat may damage it or cause a fire.</p>
<b>Pillows</b>	<p>Use NORMAL.</p> <ul style="list-style-type: none"> <li>• Add a couple of dry towels and a pair of clean sneakers to help the tumbling action and to fluff the items.</li> <li>• Do not dry kapok or foam pillows using a heated drying cycle.</li> </ul>



**Plastics (shower curtains, outdoor furniture covers, etc.)**

Use TIME DRY and the Low or Extra 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

## Special features

### Child Lock



Child Lock prevents children from playing with the dryer. When Child Lock is activated, all buttons except for the **POWER** button are disabled.

To activate/deactivate Child Lock:

- Simultaneously press and hold **Dryness** and **Temp.** for 3 seconds.

**NOTE** Once Child Lock is activated, it will remain active even after you restart the dryer. If other buttons, except for the **POWER** button, do not respond, check the Child Lock indicator. If the indicator is on, follow the instructions above to turn Child Lock off.

### Damp Alert



To activate/deactivate Damp Alert, press and hold **Time** for 3 seconds.

**NOTE** If a load contains mixed fabrics, the Damp Alert indicator blinks when average dryness of the items in the load is 80 % dry. This lets you take items that you don't want fully dried or that dry quickly out of the dryer early while letting others continue to dry.

### Alarm off



You can turn the alarm on or off. When the alarm is off, the melody of cycle completion and the power-off beep will not sound. However, the other sounds stay active.

- Press and hold **Wrinkle Prevent** for 3 seconds.

- Your setting will be retained even after you turn off the dryer. You can turn the alarm back on by pressing and holding the same button for 3 seconds.

### Smart Care

If the dryer displays an information code, you can use Smart Care to check the status of the dryer on a smartphone.

To use Smart Care, you must have the Samsung Smart Care app installed on your smartphone.

### NOTE

Smart Care is optimized for Samsung Galaxy and Apple iPhones. (Not compatible with some models).

Download the Samsung Smart Care app from the Google Play Store or Apple App store (Search word: “**Samsung Smart Washer/Dryer**”), and install it on your smartphone.

If an information code appears on the dryer, follow these steps:

1. Press Smart Care to activate Smart Care. The Smart Care indicator turns on.
2. Open the Smart Care app on your smartphone.
3. Put the smartphone's camera close to the display of the dryer. The app automatically recognizes the information code, and displays suggestions on your smartphone.
4. If the smartphone fails to recognize the information code more than twice, type the information code manually into the Smart Care app.

### CAUTION

- If light is reflected on the display of the dryer, the smartphone may not recognize the information code.
- If you hold the smartphone at an angle to the dryer's display, the dryer may not recognize the information code. For best results, hold the smartphone so that the front of the panel and the smartphone are parallel or nearly parallel.
- After you use this function, the dryer will delete delete the record of the information code from its code log.

## Maintenance

Keep the dryer clean to prevent decreased 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

### Feature 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 feature 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 be still visible, but will not affect subsequent loads.

### Powder coat tumbler

- To clean the powder coat 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.

### Exhaust system

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

## Troubleshooting

### Checkpoints

If the dryer operates abnormally, first check the list of problems in the table below and try the suggested actions.

Problem	Action
<b>Does not run.</b>	<ul style="list-style-type: none"> <li>• Make sure the door is latched shut.</li> <li>• Make sure the power cord is plugged into a live electrical outlet.</li> <li>• Check your home's circuit breakers or fuses.</li> <li>• Press or tap <b>START/PAUSE</b> again if the door is opened during a cycle.</li> <li>• Clean the lint filter.</li> </ul>
<b>Does not heat.</b>	<ul style="list-style-type: none"> <li>• Check your home's circuit breakers or fuses.</li> <li>• Some cycles do not require heat. Check the selected cycle again.</li> <li>• For a gas dryer, make sure the gas supply is on.</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> <li>• Turn off the Eco Dry option for the <b>NORMAL</b> or <b>TIME DRY</b> 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. (applicable models only)</li> </ul>
<b>Does not dry.</b>	<ul style="list-style-type: none"> <li>• Check all of the above, plus...</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> </ul>



	<ul style="list-style-type: none"> <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>
<b>Is noisy.</b>	<ul style="list-style-type: none"> <li>• Check the load for objects such as coins, loose buttons, nails, etc. Remove promptly.</li> <li>• It is normal to hear the dryer gas valve or heating element cycle on and off during the drying cycle.</li> <li>• Make sure the dryer is leveled properly as outlined in the installation instructions.</li> <li>• It is normal for the dryer to hum due to the high velocity of air moving through the dryer drum, fan, or exhaust system.</li> </ul>
<b>Dries unevenly.</b>	<ul style="list-style-type: none"> <li>• Seams, pockets, and other similarly heavy areas may not be completely dry when the rest of the load has reached the selected dryness level. This is normal. You can choose a higher dryness level or a cycle that involves a higher dryness level.</li> <li>• If one heavy item is dried with a light weight load, such as one towel with sheets, it is possible that the heavy item will not be completely dry when the rest of the load has reached the selected dryness level.</li> <li>• For the best drying results, dry heavy items and light weight items separately.</li> </ul>
<b>Has odors.</b>	<ul style="list-style-type: none"> <li>• Household odors from paint, varnish, strong cleaners, etc. may enter the dryer with the surrounding room air. This is normal as the dryer draws the air from the room, heats it, pulls it through the tumbler, and exhausts it outside.</li> <li>• When these odors linger in the air, completely ventilate the room before using the dryer.</li> <li>• Use a cycle featuring the Refresh function. If odors persist, wash and dry the item again.</li> </ul>
<b>Lint on clothes.</b>	

	<ul style="list-style-type: none"> <li>• Make sure the lint filter is cleaned before every load. For clothes that naturally build up lint, clean the filter during the cycle.</li> <li>• Some fabrics are lint producers (for example, a fuzzy white cotton towel) and they must be dried separately from clothes that are lint trappers (for example, a pair of black linen pants).</li> <li>• Divide larger loads into smaller loads for drying.</li> <li>• Check pockets thoroughly before drying, then dry clothes.</li> <li>• Remove lint inside the drum before drying.</li> </ul>
<p><b>Items still wrinkled after WRINKLE PREVENT (WRINKLE-CARE, WRINKLE RELEASE).</b></p>	<ul style="list-style-type: none"> <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>
<p><b>Water drips from the nozzle when STEAM CARE starts.</b></p>	<ul style="list-style-type: none"> <li>• This is steam condensation. The dripping water will stop after a short time.</li> </ul>
<p><b>Sprayed water is not visible during STEAM CARE.</b></p>	<ul style="list-style-type: none"> <li>• Sprayed water is difficult to see when the door is closed.</li> </ul>
<p><b>Extended time.</b></p>	<ul style="list-style-type: none"> <li>• Sensor Dry automatically senses the moisture in the load and shuts the dryer off when the selected dryness level is reached.</li> </ul> <p>The drying time can change according to the type and amount of laundry. See the cycle chart for reference.</p>

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.



Code	Action
<b>dC</b>	Operating the dryer with the door open. <ul style="list-style-type: none"> <li>• Make sure the door is properly closed.</li> <li>• Make sure laundry is not caught in the door.</li> </ul>
<b>FC</b>	Invalid power source frequency <ul style="list-style-type: none"> <li>• Try restarting the cycle.</li> <li>• If this information code remains, contact a Samsung service center.</li> </ul>
<b>AC</b>	Electronic control problem (Invalid Communication). <ul style="list-style-type: none"> <li>• Contact a Samsung service center.</li> </ul>
<b>HC</b>	High temperature heating check <ul style="list-style-type: none"> <li>• Clean the lint filter.</li> <li>• If this information code remains, contact a Samsung service center. (enter the line test mode)</li> </ul>
<b>9C1</b>	The electronic control needs to be checked. <ul style="list-style-type: none"> <li>• Check if power is supplied properly.</li> <li>• If the information code remains, contact a Samsung service center.</li> </ul>
<b>tC</b>	The Thermistor1 resistance is very low or high. <ul style="list-style-type: none"> <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>
<b>tC5</b>	The Thermistor2 resistance is very low or high. <ul style="list-style-type: none"> <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>
<b>dF</b>	



	<p>Incorrect door switch.</p> <ul style="list-style-type: none"><li>• Contact a Samsung service center.</li></ul>
<b>3C</b>	<p>The PBA needs to be checked.</p> <ul style="list-style-type: none"><li>• Unplug the power plug and contact a Samsung service center.</li></ul>

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

**Warning**

This content is compiled from multiple sources and is provided for reference purposes only. It may not be complete or fully applicable to all situations. If you are unable to resolve your issue, please contact the product manufacturer or an authorized service provider for official support.

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