

IMPORTANT SAFETY INSTRUCTIONS

READ ALL INSTRUCTIONS BEFORE USE

⚠️ WARNING

For your safety, the information in this manual must be followed to minimize the risk of fire, explosion, or electric shock, or to prevent property damage, injury to persons, or death.

Your safety and the safety of others is very important.

We have provided many important safety messages in this manual and on your appliance. Always read and obey all safety messages.



This is the safety alert symbol.

This symbol alerts you to potential hazards that can kill or hurt you and others.

All safety messages will follow the safety alert symbol and either the word DANGER, WARNING, or CAUTION.

These words mean:

⚠️ DANGER

You will be killed or seriously injured if you don't immediately follow instructions.

⚠️ WARNING

You can be killed or seriously injured if you don't follow instructions.

⚠️ CAUTION

You may be slightly injured or cause damage to the product if you do not follow instructions.

All safety messages will tell you what the potential hazard is, tell you how to reduce the chance of injury, and tell you what can happen if the instructions are not followed.

- **Do not install a clothes dryer with flexible plastic venting materials. If flexible metal (foil type) duct is installed, it must be of a specific type identified by the appliance manufacturer as suitable for use with clothes dryers. Flexible venting materials are known to collapse, be easily crushed, and trap lint. These conditions will obstruct clothes dryer airflow and increase the risk of fire.**
- **Do not store or use gasoline or other flammable vapors and liquids in the vicinity of this appliance or any other appliances.**
- **Installation and service must be performed by a qualified installer, service agency, or the gas supplier.**
- **Install the clothes dryer according to the manufacturer's instructions and local codes.**
- **Save these instructions.**

WHAT TO DO IF YOU SMELL GAS:

1. **Do not try to light a match or cigarette, or turn on any gas or electrical appliance.**
2. **Do not touch any electrical switches. Do not use any phone in your building.**
3. **Clear the room, building, or area of all occupants.**
4. **Immediately call your gas supplier from a neighbor's phone. Follow the gas supplier's instructions carefully.**
5. **If you cannot reach your gas supplier, call the fire department.**

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BASIC SAFETY PRECAUTIONS

⚠️ WARNING

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

- Read all instructions before using the dryer.
- Before use, the dryer must be properly installed as described in this manual.
- **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.**
- 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.
- **Do not reach into the dryer if the drum or any other part is moving.**
- Do not repair or replace any part of the dryer or attempt any servicing unless specifically recommended in this owner's manual or in published user-repair instructions that you understand and have the skills to carry out.
- **Do not tamper with controls.**
- Before the dryer is removed from service or discarded, remove the door to the drying compartment.
- Do not allow children to play on or in the dryer. Close supervision of children is necessary when the dryer is used near children.
- Do not use fabric softeners or products to eliminate static unless recommended by the manufacturer of the fabric softener or product.
- **Do not use heat to dry articles containing foam rubber or similarly textured rubber-like materials.**
- Keep area around the exhaust opening and adjacent surrounding areas free from the accumulation of lint, dust, and dirt.
- The interior of the dryer and exhaust vent should be cleaned periodically by qualified service personnel.
- Do not install or store the dryer where it will be exposed to the weather.
- Always check the inside of the dryer for foreign objects.
- Clean lint screen before or after each load.
- **Do not store plastic, paper, or clothing that may burn or melt on top of the dryer during operation.**

CALIFORNIA SAFE DRINKING WATER AND TOXIC ENFORCEMENT ACT

This act requires the governor of California to publish a list of substances known to the state to cause cancer, birth defects, or other reproductive harm and requires businesses to warn customers of potential exposure to such substances.

Gas appliances can cause minor exposure to four of these substances, namely benzene, carbon monoxide, formaldehyde, and soot, caused primarily by the incomplete combustion of natural gas or LP fuels.

Properly adjusted dryers will minimize incomplete combustion. Exposure to these substances can be minimized further by properly venting the dryer to the outdoors.

⚠️ WARNING: This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. ***Wash hands after handling.***

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GROUNDING INSTRUCTIONS

This appliance must be grounded. In the event of malfunction or breakdown, grounding will reduce the risk of electric shock by providing a path of least resistance for electric current. This appliance must be equipped with a cord having an equipment-grounding conductor and a grounding plug. The plug must be plugged into an appropriate outlet that is properly installed and grounded in accordance with all local codes and ordinances.

Do not modify the plug provided with the appliance. If it will not fit the outlet, have a proper outlet installed by a qualified electrician. This appliance must be connected to a grounded metal, permanent 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 appliance. Electric shock can result if the dryer is not properly grounded.

SAFETY INSTRUCTIONS FOR INSTALLATION

⚠️ WARNING

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

- **Properly ground dryer to conform with all governing codes and ordinances.** Follow details in the installation instructions. Electric shock can result if the dryer is not properly grounded.
- **Before use, the dryer must be properly installed** as described in this manual. Electric shock can result if the dryer is not properly grounded.
- **Install and store the dryer where it will not be exposed to temperatures below freezing or exposed to the weather.**
- **All repairs and servicing must be performed by an authorized servicer unless specifically recommended in this owner's manual. Use only authorized factory parts.** Failure to follow this warning can cause serious injury, fire, electric shock, or death.
- **To reduce the risk of electric shock, do not install the dryer in humid spaces.** Failure to follow this warning can cause serious injury, fire, electric shock, or death.
- **Connect to a properly rated, protected, and sized power circuit to avoid electrical overload.** Improper power circuit can melt, creating electric shock and/or fire hazard.
- **Remove all packing items and dispose of all shipping materials properly.** Failure to do so can result in death, explosion, fire, or burns.
- **Place dryer at least 18 inches above the floor for a garage installation.** Failure to do so can result in death, explosion, fire, or burns.
- **Keep all packaging from children.** Packaging material can be dangerous for children. There is a risk of suffocation.
- **Do not install near another source of heat such as a stove, cooking oven.** Failure to do so can cause deform, smoke and fire.
- **Do not place candles, smoking materials, or other flammables on top of the product.** Dripping wax, smoke, or fire can result.
- **Remove all protective vinyl film from the product.** Failure to do so can cause product damage, smoke or fire.

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SAFETY INSTRUCTIONS FOR INSTALLATION

⚠️ WARNING

To reduce the risk of injury to persons, follow all industry recommended safety procedures including the use of long sleeved gloves and safety glasses. Failure to follow all of the safety warnings in this manual could result in property damage, injury to persons, or death.

Exhaust/Ducting:

- **Gas dryers MUST be exhausted to the outside.** Failure to follow these instructions can result in fire or death.
- **The dryer exhaust system must be exhausted to the outside of the dwelling. If the dryer is not exhausted outdoors, some fine lint and large amounts of moisture will be expelled into the laundry area.** An accumulation of lint in any area of the home can create a health and fire hazard.
- **Use only rigid, semi-rigid, or flexible metal 4-inch diameter ductwork inside the dryer cabinet or for exhausting to the outside. Use of plastic or other combustible ductwork can cause a fire.** Punctured ductwork can cause a fire if it collapses or becomes otherwise restricted in use or during installation.
- **Ductwork is not provided with the dryer, and you should obtain the necessary ductwork locally. The end cap should have hinged dampers to prevent backdraft when the dryer is not in use.** Failure to follow these instructions can result in fire or death.
- **The exhaust duct must be 4 inches (10.2 cm) in diameter with no obstructions. The exhaust duct should be kept as short as possible. Make sure to clean any old ducts before installing your new dryer.** Failure to follow these instructions can result in fire or death.
- **Rigid or semi-rigid metal ducting is recommended for use between the dryer and the wall. In special installations when it is impossible to make a connection with the above recommendations, a UL-listed flexible metal transition duct may be used between the dryer and wall connection only. The use of this ducting will affect drying time.** Failure to follow these instructions can result in fire or death.
- **DO NOT use sheet metal screws or other fasteners which extend into the duct that could catch lint and reduce the efficiency of the exhaust system.** Secure all joints with duct tape. For complete details, follow the Installation Instructions. Failure to follow these instructions can result in fire or death.

SAFETY INSTRUCTIONS FOR STEAM FUNCTIONS

⚠️ WARNING

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

- **Do not open the dryer door during steam cycles.** Failure to follow these instructions can result in a burn hazard.
- **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.** Failure to follow these instructions can result in fire or death.
- **Do not fill the steam feeder with gasoline, dry-cleaning solvents, or other flammable or explosive substances.** Failure to follow these instructions can result in fire or death.
- **Do not touch the steam nozzle in the drum during or after the steam cycle.** Failure to follow these instructions can result in a burn hazard.
- **Do not fill the steam feeder with hot water (over 86 °F/30 °C).** Failure to follow these instructions can result in a burn hazard.

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SAFETY INSTRUCTIONS FOR CONNECTING ELECTRICITY

⚠️ WARNING

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

- **Do not, under any circumstances, cut or remove the ground prong from the power cord.** To prevent injury to persons or damage to the dryer, the electrical power cord must be plugged into a properly grounded outlet.
- **For personal safety, this dryer must be properly grounded.** Failure to do so can result in electric shock or injury.
- **Refer to the installation instructions in this manual for specific electrical requirements for your model.** Failure to follow these instructions can create an electric shock hazard and/or a fire hazard.
- **This dryer must be plugged into a properly grounded outlet. Electric shock can result if the dryer is not properly grounded. Have the wall outlet and circuit checked by a qualified electrician to make sure the outlet is properly grounded.** Failure to follow these instructions can create an electric shock hazard and/or a fire hazard.
- **The dryer should always be plugged into its own individual electrical outlet which has a voltage rating that matches the rating plate.** This provides the best performance and also prevents overloading house wiring circuits which could cause a fire hazard from overheated wires.
- **Never unplug your dryer by pulling on the power cord. Always grip plug firmly and pull straight out from the outlet.** The power cord can be damaged, resulting in a risk of fire and electric shock.
- **Repair or replace immediately all power cords that have become frayed or otherwise damaged. Do not use a cord that shows cracks or abrasion damage along its length or at either end.** The power cord can melt, creating an electric shock and/or fire hazard.
- **When installing or moving the dryer, be careful not to pinch, crush, or damage the power cord.** This will prevent injury and prevent damage to the dryer from fire and electric shock.

SAVE THESE INSTRUCTIONS

TRANSMITTER MODULE INFORMATION

FCC Statement

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

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

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.
- Reorient or relocate the receiving antenna

FCC RF Radiation Exposure Statement: This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment.

This equipment should be installed and operated with minimum distance 20 cm between the radiator and your body. End users must follow the specific operating instructions for satisfying RF exposure compliance. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

Responsible Party:
LG Electronic USA , Inc.
1000 Sylvan Avenue Englewood Cliffs, NJ 07632
TEL. : +1-800-243-0000

Industry Canada Statement:

This device complies with RS-210 of the Industry Canada Rules. 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

Note: The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications to this equipment. Such modifications could void the user's authority to operate the equipment.

IC Radiation Exposure Statement:

This equipment complies with IC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20 cm between the radiator & your body.

PRODUCT SPECIFICATIONS

Standard	IEEE 802.11 b/g/n
Host Interface	UART
Operating Frequency	2.412–2.462 GHz
Security	64/128 bit WEP, WPA, WPA2, AES
Maximum Output Power	802.11b: 133.660 mW 802.11g: 319.890 mW 802.11n (HT20): 298.538 mW 802.11n (HT40): 204.174 mW
Modulation Type	CCK, DQPSK, DBPSK for DSSS 64 QAM, 16 QAM, QPSK, BPSK for OFDM
Data Rate	802.11b: up to 11 Mbps 802.11g: up to 54 Mbps 802.11n: up to 150 Mbps
Number of Channels	11 for 802.11b, 802.11g, 802.11n (HT20) 7 for 802.11n (HT40)

OPEN SOURCE SOFTWARE NOTICE

To obtain the source code contained in this product, under GPL, LGPL, MPL and other open source licenses, please visit <http://opensource.lge.com>.

In addition to the source code, all referred license terms, warranty disclaimers and copyright notices are available for download.

LG Electronics will also provide open source code on CD-ROM for a fee covering the cost of performing such distribution (including media, shipping and handling) upon email request to opensource@lge.com.

This offer is valid for three (3) years from the date of purchase of the product.

SPECIAL FEATURES

EASY-TO-USE CONTROL PANEL

Rotate the cycle selector knob to select the desired dry cycle. Add cycle options or adjust settings with the touch of a button.

EASY-ACCESS REVERSIBLE DOOR

The wide-opening door provides easy access for loading and unloading. The door hinge can be reversed to adjust for installation location.

ULTRA-CAPACITY STAINLESS STEEL DRUM WITH DRUM LIGHT

The ultra-large stainless steel drum offers superior durability. The drum is equipped with a light that illuminates when the dryer door is opened and turns off when the door is closed.

STEAM FUNCTIONS

LG's steam technology injects fabrics with a swirling jet of hot steam to refresh clothes. Simply select the STEAM FRESH™ cycle, or add a steam option to selected cycles.

FLOW SENSE™ DUCT BLOCKAGE SENSING SYSTEM INDICATOR

The FLOW SENSE™ duct blockage sensing system detects and alerts you to restrictions in the installed household ductwork that reduce exhaust airflow through the dryer. If you see the alert: Clean or repair the ducts to remove the restrictions. Keep your ducts clean to help increase efficiency and reduce long drying times caused by blocked ducts.

SMART THINQ™

Remote Start – Use a smart phone to control your appliance remotely. Also, it is possible to monitor your cycle operation so you know how much time is left in the cycle.

Smart Grid – Smart appliances can communicate with local utility companies that are equipped with Smart Grid equipment.

Smart Message – When the cycle is complete or the appliance has problems, you have the option of receiving push notifications on your smart phone.

Download Cycle – Download new and special cycles that are not included with the machine.

Smart Diagnosis™ – Should you experience technical difficulty, your appliance has the capability of transmitting data by phone to the Customer Information Center to diagnosis the problem.

Cycle Set – This feature automatically sets cycle settings based on your laundry needs.

Laundry Stats – This feature provides the Flow Sense status and cycle use history for the machine.

Energy Monitoring – Your dryer energy usage is affected by the cycle and settings so you may see some changes in energy usage from one cycle to another.

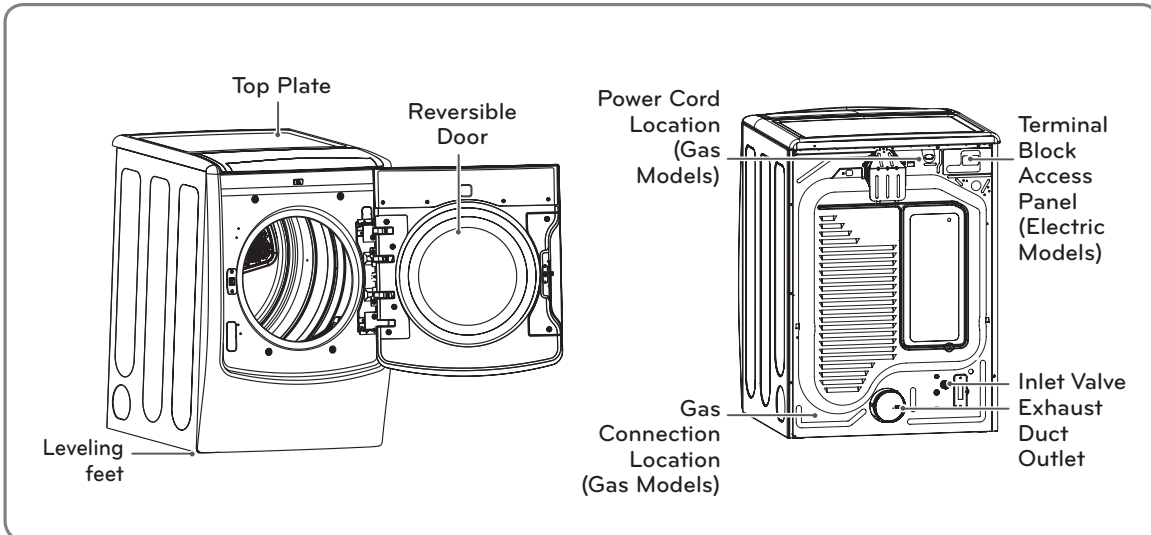


Protocol P154
Sanitization Performance of
Residential Clothes dryer

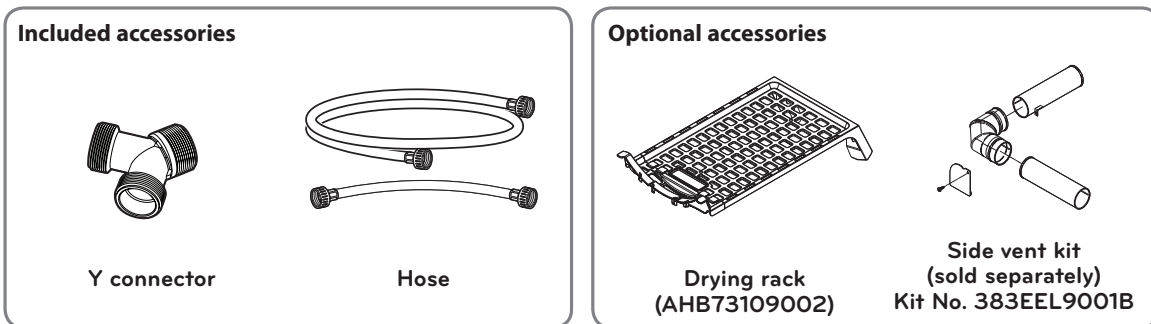
PRODUCT OVERVIEW

PARTS AND ACCESSORIES

Parts



Accessories



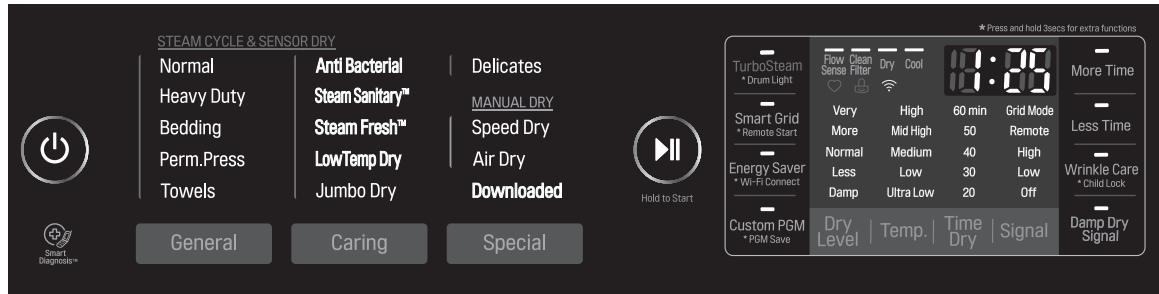
NOTE

- Visit www.lg.com to purchase accessories.
- Contact LG Customer Service at 1-800-243-0000 (1-888-542-2623 in Canada) if any accessories are missing.
- For your safety and for extended product life, use only authorized components. The manufacturer is not responsible for product malfunction or accidents caused by the use of separately purchased unauthorized components or parts.
- The images in this manual may be different from the actual components and accessories, which are subject to change by the manufacturer without prior notice for product improvement purposes.

Control Panel Features

Following are instructions for starting and using your new dryer. Please refer to specific sections of this manual for more detailed information.

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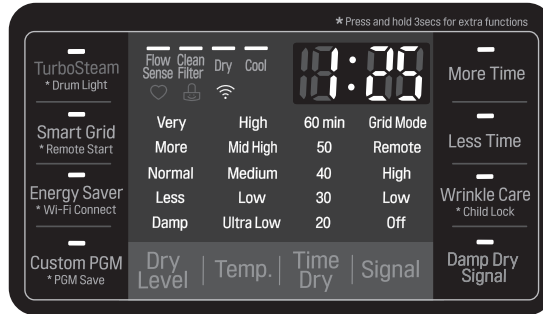
Operation

Button	Description
	POWER ON/OFF BUTTON - Press to turn the dryer ON. To turn the dryer off, press and hold more than 0.4 seconds. NOTE : Pressing the ON/OFF button during a cycle will cancel that cycle and any load settings will be lost.
	CYCLE SELECTOR BUTTONS - Cycles are arranged according to the type of drying. - Press the buttons repeatedly to scroll through the cycles. - The cycle name lights when selected.
	START/PAUSE BUTTON - Press and hold this button more than 0.5 seconds to start the selected cycle. If the dryer is running, use this button to pause the cycle without losing the current settings. NOTE : If you do not press the Start/Pause button to resume a cycle within four minutes, the dryer turns off automatically.
	MORE TIME/LESS TIME BUTTONS - To adjust the drying time, use these buttons with MANUAL DRY, TIME DRY, and STEAM FRESH™ cycles, as well as the REDUCE STATIC and EASY IRON options. Press the MORE TIME button to increase the selected manual cycle time by a minute; press LESS TIME to decrease the cycle time by a minute.
	CYCLE MODIFIER BUTTONS - Use these buttons to modify the default cycle settings for the selected cycle. The current settings are shown in the display. Press the button for that option to view and select other settings.
	OPTION BUTTONS - The OPTION buttons allow you to select additional cycle options. Certain buttons marked with an asterisk also allow you to activate special functions by pressing and holding the button for 3 seconds.
Steam Sanitary™ Steam Fresh™	STEAM FUNCTIONS - LG's steam technology injects fabrics with a swirling jet of hot steam to refresh clothes, reduce static, and make ironing easier. Simply select the Steam Fresh™ cycle, or you can add a steam option to selected cycles.

Display

The display shows the settings, estimated time remaining, options, and status messages for your dryer. When the dryer is turned on, the light in the display will illuminate.

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Display and Icons	Description
	ESTIMATED TIME REMAINING - When the Start button is pressed and held, the dryer will display the estimated (SENSOR DRY) or set time (TIME DRY) remaining, and begin tumbling. NOTE : The cycle time on SENSOR DRY cycles may fluctuate as the dryer recalculates drying time for optimal results
	CYCLE COMPLETION INDICATOR WITH CHECK FILTER REMINDER - This portion of the display shows which stage of the drying cycle is currently underway (CLEAN FILTER, DRY, or COOL).
	CHILD LOCK INDICATOR - When CHILD LOCK is set, the CHILD LOCK indicator will appear and all buttons are disabled except the POWER button. This prevents children from changing settings while the dryer is operating
	CLEAN FILTER REMINDER - The display will show CLEAN FILTER when the dryer is turned on as a reminder to clean the lint filter. It turns off when the Hold to Start button is pressed.
	CUSTOM PROGRAM - If you have a special combination of settings that you use frequently, you can save these settings as a CUSTOM PROGRAM.
	FLOW SENSE™ DUCT BLOCKAGE SENSING SYSTEM INDICATOR - The FLOW SENSE™ duct blockage sensing system detects and alerts you to blockages in the ductwork that reduce exhaust flow from the dryer. This improves operating efficiency and helps minimize service calls, saving you money.
	WI-FI CONNECTION INDICATOR - When the appliance is connected to the internet through a home Wi-Fi network, this indicator appears.

INSTALLATION

Installation Overview

