



DV8700M, DV8600M

SAMSUNG DV8700M, DV8600M **PJT(DRYER)** Service Manual

PJT	MODEL CODE	MODEL NAME
DV8700M	DVE54M8750V/A3	DVE54M8750V
	DVG54M8750V/A3	DVG54M8750V
	DVE54M8750V/AC	DVE54M8750V
	DVE54M8750W/A3	DVE54M8750W
	DVG54M8750W/A3	DVG54M8750W
DV8600M	DVE52M8650V/A3	DVE52M8650V
	DVG52M8650V/A3	DVG52M8650V
	DVE52M8650W/A3	DVE52M8650W
	DVG52M8650W/A3	DVG52M8650W

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1. Safety Warnings

WARNING - Gas Appliances:

- State of California Proposition 65 Warning (US only)

This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

- Gas appliances can cause low-level exposure to Proposition 65 listed substances, including but not limited to, benzene, carbon monoxide, formaldehyde and soot, substances resulting from the incomplete combustion of natural gas or LP fuels.

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.

1.Safety Warnings

TO REDUCE THE RISK OF FIRE OR EXPLOSION:

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



WARNING

1.Safety Warnings

WHAT TO DO IF YOU SMELL GAS:

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



WARNING

1. Safety Warnings

Important safety instructions

WARNING



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

1. Read all instructions before using this appliance.
2. Do not dry articles that have been previously cleaned in, washed in, soaked in, or spotted with gasoline, dry-cleaning solvents, or other flammable or explosive substances, because 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, 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 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.
6. Before the appliance is removed from service or discarded, remove the door to the drying compartment to prevent children or animals from becoming trapped inside.
7. Do not reach into the appliance when 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 the controls.
10. Do not repair or replace any part of the appliance or attempt any servicing unless specifically recommended in the user-maintenance instructions or published in the user-repair instructions that you understand and have the skills to carry out.

1. Safety Warnings

- 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.** Keep the area around the exhaust opening and surrounding areas free from lint, dust, and dirt.
- 15.** The interior of the dryer and exhaust duct should be cleaned periodically by qualified service personnel.
- 16.** 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.
- 17.** This appliance must be grounded. See “Electrical requirements” and “Grounding” in the “Installing your dryer” section.
- 18.** This appliance must be properly grounded. Never plug the power cord into a receptacle that is not grounded adequately and in accordance with local and national codes. Refer to installation instructions for grounding this appliance.
- 19.** Ensure pockets are free from small irregularly shaped hard objects and foreign material, i.e. coins, knives, pins, etc. These objects could damage your dryer.
- 20.** Gas leaks may occur in your system, resulting in a dangerous situation.
- 21.** Gas leaks may not be detected by smell alone.
- 22.** Gas suppliers recommend you purchase and install a UL-approved gas detector.

2. Product introduction

Concept



Main Feature

New design and one of the best dryer options and care all clothes material.

- ✓ Delicate Dry (Low Temperature dry)
- ✓ The Largest Capacity
- ✓ Smart Care
- ✓ Vent Sensor
- ✓ Steam Cycle
- ✓ Sanitize Cycle
- ✓ Energy Saving
- ✓ Time Saving
- ✓ Easy Reversible Door
- ✓ 4-way Vent(Elec).

2. Product introduction

Extra Large Capacity	Ultra drying capabilities are at your fingertips! Now you can dry extra-large loads. Our ultra large 7.5 cu.ft. capacity dryer circulates more air through your clothes getting them dry faster, for a wrinkle-free result.
Time Saving	Our cycles are designed with you in mind. All our dryers are designed to dry your clothes in less time... just 42 minutes! Giving you time for more important things in life.
Energy Saving	Samsung dryers are super energy efficient, that you can dry up to 3.31 pounds of laundry with 1kWh. Also, both the large capacity and Fuzzy Logic Control save energy by automatically drying your clothes the most efficient way.
Easy Reversible Door	Our dryers will fit just about anywhere and without a door conflict. The direction of our easy reversible door can be changed with just four screws.
Pedestal With Storage Drawers	An option 15" pedestal is available to raise the dryer for easier loading and unloading. It also offers a built-in storage drawer that can hold a 100 oz., bottle of detergent.
Various Drying Cycles & Fuzzy Logic Algorithm	Simply turn the job dial to select one of the 13 automatic drying cycles, including normal, heavy duty and bedding, or let the fuzzy logic control measure the degree of dampness and automatically set the drying time. Precision drying has never been easier than with Samsung.
Smart Care	Samsung's Smart Care, an automatic error-monitoring system, detects and diagnoses problems at an early stage and provides a quick and easy solutions, with the innovative Smart Remote Control technology, you can also be alerted when the problems occurs via your Smart phones.
4-way Vent(Elec.)	You can install the exhaust vent in the following four (4) positions: back, either side, bottom.
Delicate Dry	You can use "Delicate dry" with tumble dry. Samsung dryer can save your clothes damage by high temperature heat.

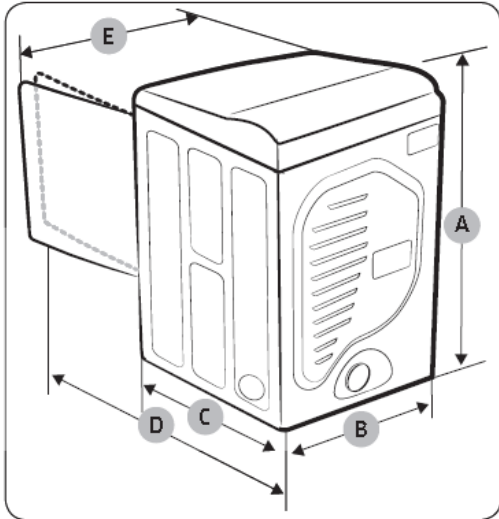
2. Product introduction

Specification

	Project	DV8700K	DV8700M	DV8600M
	Model	DV50K8600E(G)W(V)/A3	DME(G)54M87000W(V)	DME(G)52M86000W(V)
USP & Features	Capacity (cu.ft / DOE)	7.4	7.4	7.4
	Power Resource	Electric / Gas	Electric / Gas	Electric / Gas
	Vent Sensor	Y	Y	Y
	Vent Blockage Test	Y	Y	Y
	Steam	Y	Y	Y
	Smart Control	-	Y	-
	Drum Material	STS	STS	EGI
	E-Star	Y	Y	Y
	Reversible Door	Y	Y	Y
	Drying Rack	-	-	-
	Door Safety	Y	Y	Y
	Filter Check Indicator	Y	Y	Y
	Vent Exhaust (Electric / Gas)	4 / 3 ways	4 / 3 ways	4 / 3 ways
	Heating Element (KW)	5300W / 22,000 BTU /Hr	5300W / 22,000 BTU /Hr	5300W / 22,000 BTU /Hr
	Cycle Time (AHAM 8lbs) *() - Gas model / Elec. Eco Dry off	75 min	75 min	75 min
Design	Body Color (with Top Cover)	Neat White / Black Caviar	Neat White / Black Caviar	Neat White / Black Caviar
	Control panel	In-Mold	In-Mold	In-Mold
		Full Touch	Full Touch	Tact
	Main display	18:88 G.LED	18:88 G.LED	18:88 G.LED
	LED color	Ice Blue	Ice Blue	Ice Blue
	Door	NTR	Cr	Cr
	Top Cover Material	Steal	Steal	Steal
ENERGY & Performance	DOE Combined Energy Factor (CEF, lb/kWh, Appendix D1/D2)	3.94(lb/kWh)-Elec 3.49 (lb/kWh)-Gas (Energy Star)	3.94(lb/kWh)-Elec 3.49 (lb/kWh)-Gas (Energy Star)	3.94(lb/kWh)-Elec 3.49 (lb/kWh)-Gas (Energy Star)
	Voltage / Frequency	120V/ 240V / 60Hz (Elec)	120V/ 240V / 60Hz (Elec)	120V/ 240V / 60Hz (Elec)
		120V / 60Hz (Gas)	120V / 60Hz (Gas)	120V / 60Hz (Gas)
	Energy Guide (kWh/cycle // Liter/cycle)	Electric - 2.15 kWh Gas - 215 liter ↓	Electric - 2.15 kWh Gas - 215 liter ↓	Electric - 2.15 kWh Gas - 215 liter ↓
	Yearly Energy Consumption (kWh/year)	607 kWh/year (Elec)	607 kWh/year (Elec)	607 kWh/year (Elec)

2. Product introduction

Product Dimension



Type			Front Loading dryer
Dimensions	A. Height	Product - inches (cm)	42.4 (107.7)
		Required for Installation - inches	44.4
	B. Width	Product - inches (cm)	27.0 (68.6)
		Required for Installation - inches	29
	C. Depth	Product - inches (cm)	30.2 (76.8)
		Required for Installation - inches	35.2
	D. Depth with door open 90°	Product - inches (cm)	50.1 (127.3)
		Required for Installation - inches	55.1
	E. Width with door open 110°	Product - inches (cm)	31.5 (79.8)
		Required for Installation - inches	36.5
Water pressure - psi (kPa)			20-116 (137-800)
NET weight		Electric - lb (kg)	126 (57)
		Gas - lb (kg)	128 (58)
Heater rating		Electric (W)	5300
		Gas (BTU/hr)	22000


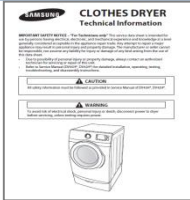
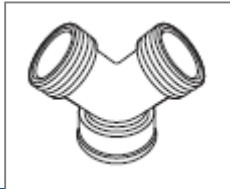



NOTE

“A. Height” Spec can vary from 42.4 to 43.3 inches (107.7 - 108.9 cm) depending on the leveling feet adjustment.



2. Product introduction

Options Specifications

Item		Code	QTY	Remarks
	Manual-Users DV8700M	DC68-03784A	1	Manual Tech apply for the two projects
	Manual-Users DV8600M	DC68-03171X		
	Manual-Users (TECH)	DC68-03171R	1	
				
"Y"-connector DC97-15103A	Short inlet hose DC97-15249A			



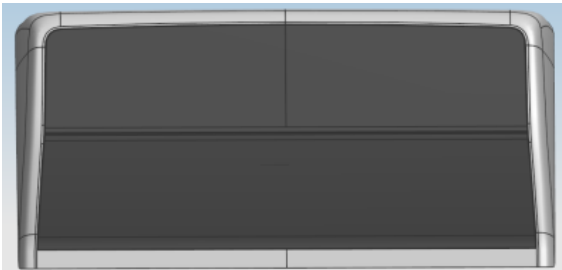

3. Changed Parts List

Control Panel

DV8700K	DV8750M	Remark
		UI

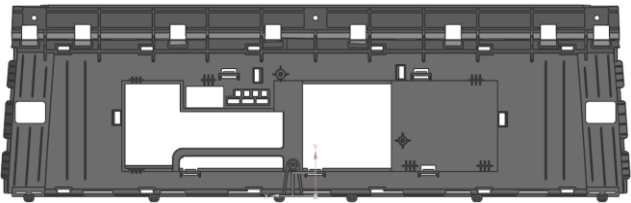
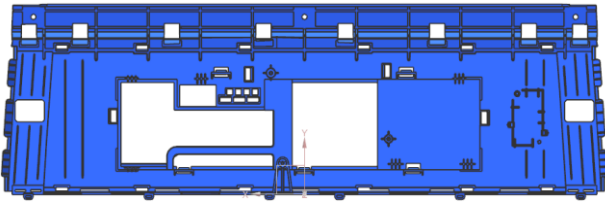
3. Changed Parts List

ASSY S.PANEL CONTROL

DV8700K	DV8750M	Remark
 	 	

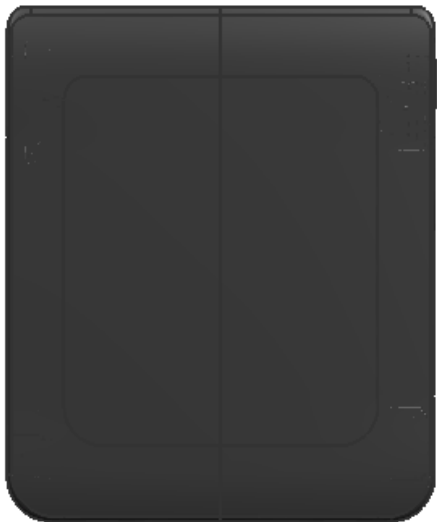
3. Changed Parts List

BUTTON PUSH

DV8700K	DV8750M	Remark
		

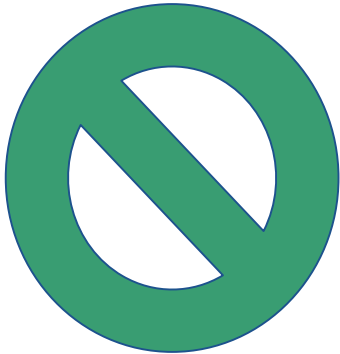
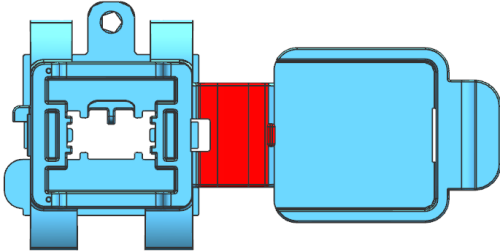
3. Changed Parts List

ASSY DOOR

DV8700K	DV8750M	Remark
		

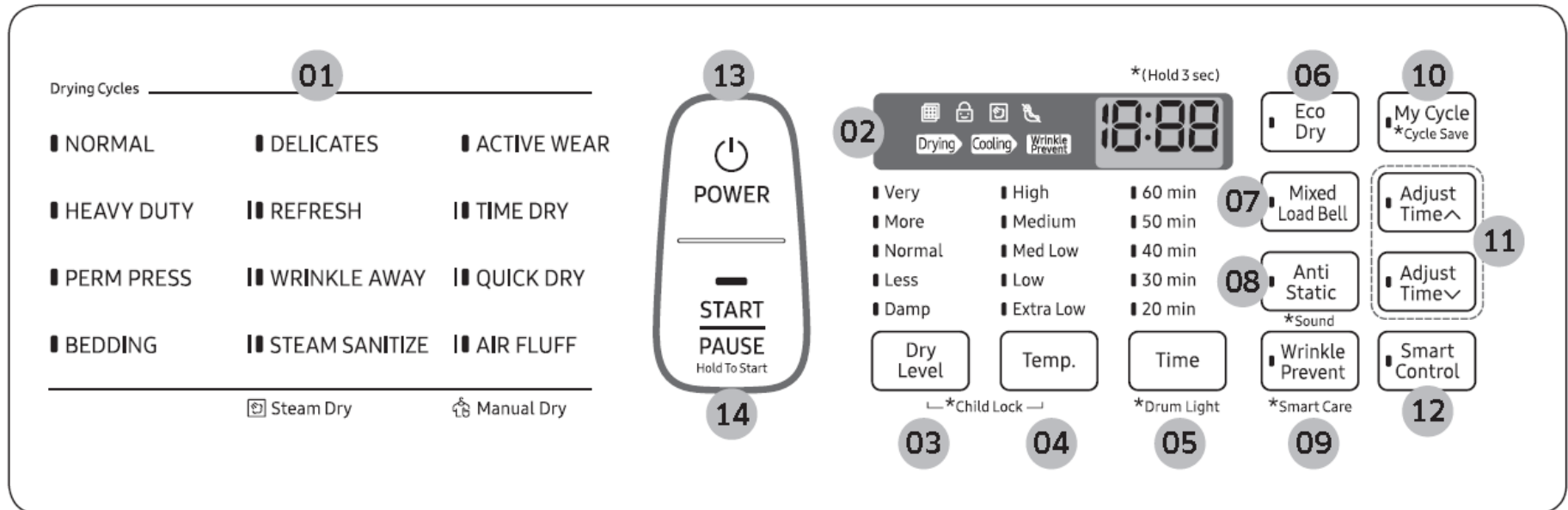
3. Changed Parts List

COVER CONNECTOR

DV8700K	DV8750M	Remark
		

4. Instruction of Function

Control Panel (TUMBLE DRY) DV8700M







01 Cycle Selector

Turn the Cycle Selector to select the desired cycle. The indicator Press to select a desired cycle in the left-most panel. When a cycle is selected, the cycle indicator lights up.

- **Sensor Dry cycles:** The dryer senses the internal humidity that will be applied to the drying time. This category includes: NORMAL, HEAVY DUTY, PERM PRESS, BEDDING, DELICATES, and ACTIVE WEAR.
- **Steam Dry cycles:** The dryer sprays water into the drum to deodorize clothes and reduce static electricity and wrinkles. This category includes REFRESH, WRINKLE AWAY, and STEAM SANITIZE.
- **Manual Dry cycles:** The drying time is fixed. This category includes: TIME DRY, QUICK DRY, and AIR FLUFF.

4. Instruction of Function

Feature panel

02 Digital Graphic Display	<p>Displays all cycle information, including the cycle time, information code, and operating status.</p> <ul style="list-style-type: none">•  Filter Check•  Child Lock•  Steam•  Vent Sensor
03 Dry Level	<p>Press Dry Level to select a dry level from the options available. The corresponding indicator turns on.</p> <ul style="list-style-type: none">• Larger or bulkier loads may require Very Dry or More Dry for complete dryness.• Less Dry is best suited for lightweight fabrics or for leaving some moisture in the clothing at the end of the cycle.• Damp Dry is designed to partially dry items. Use for items that lay flat or hang to dry. <p>NOTE: This option is not available with: STEAM SANITIZE, ACTIVE WEAR, TIME DRY, QUICK DRY, AIR FLUFF, REFRESH, and WRINKLE AWAY.</p>
04 Temp	<p>Press Temp. to change the temperature of the current cycle.</p> <ul style="list-style-type: none">• High: For sturdy cottons or those labeled Tumble Dry.• Medium: For permanent press, synthetics, lightweight cottons, or items labeled Tumble Dry Medium.• Med Low: For heat lower than Medium. Use to dry synthetic or washable knit fabrics.• Low: For heat sensitive items labeled Tumble Dry Low or Tumble Dry Warm.• Extra Low: Provides the lowest heated drying temperature possible.
05 Time	<p>Press Time to select a drying time for the selected cycle. This is available only with TIME DRY, QUICK DRY, AIR FLUFF, and WRINKLE AWAY.</p>
06 Eco Dry	<p>This function is available with NORMAL and TIME DRY. With the Eco Dry activated, drying takes a longer time but the power consumption is reduced. The drying time can be extended by up to 3 times depending on the temperature and load. The Eco Dry function is enabled by default.</p>

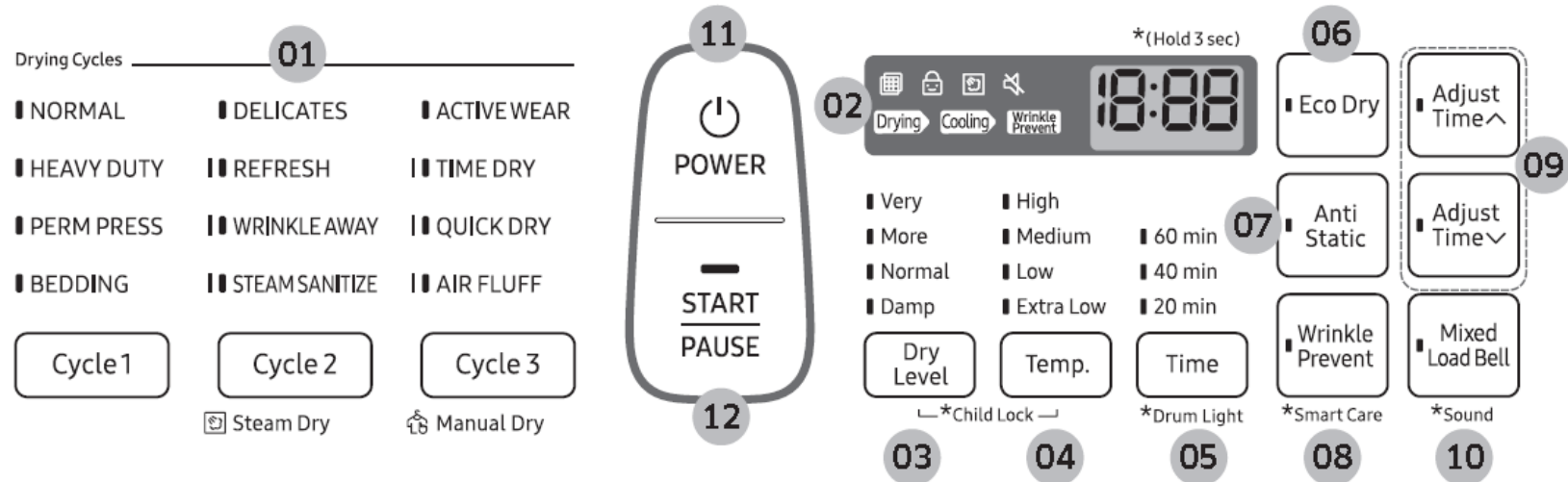
4. Instruction of Function

Feature panel

07 Mixed Load Bell	<p>The Mixed Load Bell notifies you when the average dry level in a load is damp dry (80 % dried). This lets you take items that you do n't want fully dried or that dry quickly out of the dryer early while letting others continue to dry.</p> <p>You can select this option in all Sensor Dry cycle except for AIR FLUFF, ACTIVE WEAR, TIME DRY, QUICK DRY, REFRESH, WRINKLE AWAY, and STEAM SANITIZE. Available dry levels are Normal Dry, More Dry, and Very Dry.</p>
08 Anti Static	<p>Reduces static electricity that occurs from clothing friction. This is done by spraying steam in a later stage of the drying cycle.</p> <p>NOTE: The Anti Static function is only available with NORMAL, HEAVY DUTY, PERM PRESS, DELICATES, and TIME DRY.</p>
09 Wrinkle Prevent	<p>Wrinkle Prevent provides approximately 180 minutes of intermittent tumbling in unheated air at the end of the cycle to reduce wrinkling. Press Wrinkle Prevent to activate this feature.</p> <p>The load is dry and can be removed at any time during the Wrinkle Prevent cycle.</p>
10 My Cycle	<p>Choose your favorite cycle including the cycle time, temperature, and dry level. See "My Cycle" for details.</p>
11 Adjust Time	<p>You can change the set time for the selected cycle. This is available only with TIME DRY, QUICK DRY, AIR FLUFF, and WRINKLE AWAY. To change the cycle time, press Adjust Time ▲ or Adjust Time ▼ until the desired time is displayed.</p>
12 Smart Control(Elec.)/Smart Monitor(Gas)	<p>After connecting the upper dryer to your home network using the Samsung Smart Home app, you can control the dryer remotely. When started, the Smart Control indicator blinks and the top door locks. The dryer enters waiting mode and waits for remote commands.</p>
13 POWER	<p>Press to turn on/turn off the dryer.</p>
14 START PAUSE	<p>Press and hold to start operation, or press to stop operation</p>

4. Instruction of Function

Control Panel (TUMBLE DRY) DV8600M






01 Cycle Selector

Turn the Cycle Selector to select the desired cycle. The indicator Press to select a desired cycle in the left-most panel. When a cycle is selected, the cycle indicator lights up.

- Sensor Dry cycles: The dryer senses the internal humidity that will be applied to the drying time. This category includes: NORMAL, HEAVY DUTY, PERM PRESS, BEDDING, DELICATES, and ACTIVE WEAR.
- Steam Dry cycles: The dryer sprays water into the drum to deodorize clothes and reduce static electricity and wrinkles. This category includes REFRESH, WRINKLE AWAY, and STEAM SANITIZE.
- Manual Dry cycles: The drying time is fixed. This category includes: TIME DRY, QUICK DRY, and AIR FLUFF.

4. Instruction of Function

Feature panel

02 Digital Graphic Display	<p>Displays all cycle information, including the cycle time, information code, and operating status.</p> <ul style="list-style-type: none">♦  Filter Check♦  Child Lock♦  Steam
03 Dry Level	<p>Press Dry Level to select a dry level from the options available. The corresponding indicator turns on.</p> <ul style="list-style-type: none">• Larger or bulkier loads may require Very Dry or More Dry for complete dryness.• Less Dry is best suited for lightweight fabrics or for leaving some moisture in the clothing at the end of the cycle.• Damp Dry is designed to partially dry items. Use for items that lay flat or hang to dry. <p>NOTE: This option is not available with: AIR FLUFF, ACTIVE WEAR, TIME DRY, QUICK DRY, REFRESH, WRINKLE AWAY, and STEAM SANITIZE.</p>
04 Temp	<p>Press Temp. to change the temperature of the current cycle.</p> <ul style="list-style-type: none">• High: For sturdy cottons or those labeled Tumble Dry.• Medium: For permanent press, synthetics, lightweight cottons, or items labeled Tumble Dry Medium.• Med Low: For heat lower than Medium. Use to dry synthetic or washable knit fabrics.• Low: For heat sensitive items labeled Tumble Dry Low or Tumble Dry Warm.• Extra Low: Provides the lowest heated drying temperature possible.
05 Time	<p>Press Time to select a drying time for the selected cycle. This is available only with TIME DRY, QUICK DRY, AIR FLUFF, and WRINKLE AWAY.</p>
06 Eco Dry	<p>This function is available with NORMAL and TIME DRY. With the Eco Dry activated, drying takes a longer time but the power consumption is reduced. The drying time can be extended by up to 3 times depending on the temperature and load. The Eco Dry function is enabled by default.</p>

4. Instruction of Function

Feature panel

07 Anti Static	<p>Reduces static electricity that occurs from clothing friction. This is done by spraying steam in a later stage of the drying cycle.</p> <p>NOTE: The Anti Static function is only available with NORMAL, HEAVY DUTY, PERM PRESS, DELICATES, and TIME DRY.</p>
08 Wrinkle Prevent	<p>Wrinkle Prevent provides approximately 180 minutes of intermittent tumbling in unheated air at the end of the cycle to reduce wrinkling. Press Wrinkle Prevent to activate this feature.</p> <p>The load is dry and can be removed at any time during the Wrinkle Prevent cycle.</p>
10 Adjust Time	<p>You can change the set time for the selected cycle. This is available only with TIME DRY, QUICK DRY, AIR FLUFF, and WRINKLE AWAY. To change the cycle time, press Adjust Time ▲ or Adjust Time ▼ until the desired time is displayed.</p>
10 Mixed Load Bell	<p>The Mixed Load Bell notifies you when the average dry level in a load is damp dry (80 % dried). 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>You can select this option in all Sensor Dry cycles except for AIR FLUFF, ACTIVE WEAR, TIME DRY, QUICK DRY, REFRESH, WRINKLE AWAY, and STEAM SANITIZE. Available dry levels are Normal Dry, More Dry, and Very Dry..</p>
13 POWER	<p>Press to turn on/turn off the dryer.</p>
14 START PAUSE	<p>Press and hold to start operation, or press to stop operation</p>

4. Instruction of Function

Cycle overview

Sensor Dry

Cycle	Description
NORMAL	For most fabrics including cottons and linens. If NORMAL is selected, the Eco Dry function is enabled by default. For more information, see Eco Dry in the “Feature panel” section.
HEAVY DUTY	For drying items made out of heavy fabrics, such as jeans, corduroys, or work clothes, with high temperature heat.
PERM PRESS	Dry wrinkle-free cottons, synthetic fabrics, knits, and permanent press fabrics automatically.
BEDDING	For bulky items such as blankets, sheets, and comforters.
DELICATES	For heat-sensitive items at a low drying temperature.
ACTIVE WEAR	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.

Manual Dry

Cycle	Description
TIME DRY	You can specify a cycle time in minutes. If TIME DRY is selected, the Eco Dry function is enabled by default. For more information, see Eco Dry in the “Feature panel” section.
QUICK DRY	A quick drying cycle running for 30 minutes
AIR FLUFF	Tumbles the load in room temperature air.

4. Instruction of Function

Steam Dry

Cycle	Description
REFRESH	Use to smooth out wrinkles and reduce odors in loads of one to four items. With this cycle selected, a small amount of water is sprayed into the dryer drum after several minutes of tumbling with heat. Confirm that the laundry load is dry.
WRINKLE AWAY	For best results, load 2-3 items at once. You can extend the drying time by a minimum of 20 minutes, depending on the item type or load. Confirm that the laundry load is dry.
STEAM SANITIZE	Use to sanitize items by applying steam and high-temperature heat to the fabric. This cycle can make items soft and reduce smells. Confirm that the laundry load is wet or partially wet.

4. Instruction of Function

Drying Guide

Cycle	Description
Bedspreads & Comforters	Follow the care label instructions or dry using BEDDING. <ul style="list-style-type: none">• 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. <ul style="list-style-type: none">• Make sure blankets are is thoroughly dry before using or storing.
Curtains & Draperies	Use PERM PRESS and the Medium temperature setting to help minimize wrinkling. <ul style="list-style-type: none">• Dry curtains and draperies in small loads for best results and remove as soon as possible after the cycle is complete.
Cloth Diapers	Use NORMAL and the Medium temperature setting for soft, fluffy diapers.
Down-filled Items (jackets, sleeping bags, comforters, etc.)	Use NORMAL and the Medium temperature setting. <ul style="list-style-type: none">• 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. Use AIR FLUFF WARNING: Drying a rubber item with heat may damage it or cause a fire.
Pillows	Use NORMAL. <ul style="list-style-type: none">• 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. You can dry these items in the dryer only if you use AIR FLUFF.
Plastics (shower curtains, Outdoor furniture covers, etc.)	Use AIR FLUFF or TIME DRY and the Low or Extra Low temperature settings depending on the care label instructions.

4. Instruction of Function

Child Lock



Prevents children from playing with your dryer.

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 Temp. and Time 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.

4. Instruction of Function

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 term: “Samsung Smart Washer/Dryer”), and install it on your smartphone.

1. Press and hold Eco Dry for 3 seconds 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.

4. Instruction of Function

SOUND ON / OFF

To turn off the dryer's notification beeps and melodies, press and hold Dry Level for 3 seconds.

To unmute the dryer, press and hold Dry Level again for 3 seconds.

NOTE

This function remains active even after you restart the dryer.

DRUM LIGHT

To turn on the drum light while the dryer is running, press and hold Small Load Care™ for 3 seconds.

NOTE

After 2 minutes of inactivity, the drum light automatically turns off.

4. Instruction of Function

MY CYCLE

You can create your own cycle that contains your preferred settings, and use it at your convenience.

1. Turn the Cycle Selector to select a cycle. The cycle indicator turns on.
2. Set or change the settings (Dry Level, Temp., Time, etc.) and/or options as necessary.
Each corresponding indicator blinks.
3. Press and hold My Cycle for 3 seconds. The dryer stores the selected cycle with its settings.

To use My Cycle, press My Cycle.

NOTE

Wrinkle Prevent is not available with My Cycle.

4. Instruction of Function

Samsung Smart Home



This product is a smart dryer that supports the Samsung Smart Home service.
The EZ setup (network setting) takes time depending on your network condition.
For more information, visit www.samsung.com.

Installation

Visit the Google Play Store, Galaxy Apps, or Apple App Store and search for “Samsung Smart Home”. Download and install the Samsung Smart Home app provided by Samsung Electronics to your smart device.

NOTE

- The Samsung Smart Home app is designed for Android 4.0 (ICS) or higher, or iOS 8.0 or higher, and is optimized for Samsung smartphones (Galaxy S and Galaxy Note series).
- On other devices, some functions may operate differently.
- For improved performance, the Samsung Smart Home app is subject to change without notice.

4. Instruction of Function

Registering a Samsung account

To use the Samsung Smart Home app you must first sign in to your Samsung account. If you don't have a Samsung account select Register in the app, and then follow the onscreen instructions to create an account.

NOTE

- If you have a registered Samsung account, log into your Samsung account. If you have a Samsung smartphone, you can go to the Settings menu on your smartphone, select Accounts, and then sign in to your Samsung account. This will allow you to log in without additional authentication.
- For third-party smart phones, the app account must be the same as the Easy Setup account.

4. Instruction of Function


MAINTENANCE


WARNING

The control board and inlet valve are intentionally not grounded and may present a risk of electric shock only during servicing.

Service personnel - Do not contact these parts while the dryer is energized.

VENT SENSOR(DV8700M)

The dryer features a vent sensor that detects and notifies you when it is time to clean the ductwork. The  indicator lets you know the status of the duct.

Level	 Indicator	Status	Action
0	Off	The ductwork is not clogged.	
1	On	<ul style="list-style-type: none">• The duct or lint filter is clogged.• The pressure applied to the duct is high Because the duct is too long or bent.	<ul style="list-style-type: none">• Check the lint filter or duct and clean if necessary.• Check the duct connections and shorten or straighten the duct if necessary.
2	Blinking	<ul style="list-style-type: none">• The duct or lint filter is severely clogged.• The pressure applied to the duct is very high because the duct is too long or bent.	<ul style="list-style-type: none">• Check and clean the lint filter or duct and make sure they are not clogged.• Check the duct connections and shorten or straighten the duct work.

4. Instruction of Function

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.

❖ Tumble

- 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.

4. Instruction of Function

CLEANING

❖ 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 proper air flow.

5. Test Mode & Error Check

Date Display Mode

How to Enter:

- After turning on the dryer, press Drylevel → Time → Temp → Time within 2 seconds to enter the display mode.
- To change the mode, use the cycle selector.

Display Mode Number					
1	Main micom version	2	Display micom version	3	Touch-sensitive module version
4	Option value	5	Temperature data	6	Average temperature data for 1 minute
7	Temperature data for detecting if the vent is clogged	8	Average touch sensor data for 1 minute	9	Cycle count

Information code Recall

Information code Recall mode reminds users of the last Information code that was detected. To enter Information Code Recall mode, press and hold the model-specific buttons for 8 seconds as specified below:

DVE(G)54M8750* : Bedding + Adjust Time ▼

DVE(G)52M8650* : Cycle1 + Adjust Time ▼

DVE(G)52M775** : Dry Level + Wrinkle Prevent

In Information code Recall mode, the last Information code that was detected appears. If no Information code has been found, nothing is displayed.

5. Test Mode & Error Check

Smart Install

Smart Install allows service personnel to check if the dryer is installed properly.

To enter Smart Install

Turn on the dryer, and press and hold the model-specific buttons for 7 seconds as specified below:

DVE(G)54M8750* : Bedding + Mixed Load Bell

DVE(G)52M8650* : Cycle1 + Mixed Load Bell

DVE(G)52M775** : Temp. + Adjust Time ▲

A message of “AS” appears.

Step 1. Check the touch sensor

Enter Smart Install mode, and open the door. The state of the touch sensor appears.

- 0 : Touch sensor open
- 1 : Touch sensor short



Put a wet cloth on the touch sensor to display “1”. Removing the cloth displays “0”.

5. Test Mode & Error Check

Smart Install

Step 2. Check the motor and heater

Press the **Start** button to enter the diagnosis mode. The diagnosis result appears.

- **OK** : Both motor and heater work normally
- **HC** : Motor or heater doesn't work normally

To exit Smart Install mode, turn off the dryer.

5. Test Mode & Error Check

Error items and Diagnostic Codes

Information Code	Meaning	Action
tC	The thermistor1 resistance is very low or high.	<ul style="list-style-type: none">• Check for a clogged lint screen.• Check if the vent system is restricted.• Check the thermistor resistance.
tC5	The thermistor2 resistance is very low or high.	<ul style="list-style-type: none">• Check for a clogged lint screen.• Check if the vent system is restricted.• Check the thermistor resistance.
dC	The dryer is running with the door open.	<ul style="list-style-type: none">• Close the door, and run the dryer again.• Check if the door sensor unit is loose or short.
dF	Incorrect door switch.	<ul style="list-style-type: none">• Check if the door sensor unit is loose or short.
bC2	Incorrect button state.	<ul style="list-style-type: none">• Check if the display PCB is loose or short.
FC	Invalid power source frequency.	<ul style="list-style-type: none">• Check if you are using regular power source frequencies.• Check the power frequency sensor circuit.
9C1	Electronic control problem (Invalid Voltage).	<ul style="list-style-type: none">• Check the PCB and wire harness.• Check if power is supplied properly.
AC	Electronic control problem (Invalid Communication).	<ul style="list-style-type: none">• First check the PCB and wire harness.• Replace the PCB if the problem persists.
HC	Invalid heating Temp in running the dryer.	<ul style="list-style-type: none">• Check the PCB and Thermistor.

6. Reference Information

Troubleshooting

Problem	Action
Does Not Run	<ul style="list-style-type: none">• Make sure:<ul style="list-style-type: none">- All wires are connected properly to their corresponding terminals.- The dryer is plugged in.- The door switch is functional with the door closed. See error code, dF.• Check the motor winding resistance: 2.88 ohms between pins #3 and 4, 3.5 ohms between pins #4 and 5• Checkpoints: Rotary selector / Blown fuse or circuit breaker / Control board / Belt cut-off switch / Driving motor
Motor runs but tumbler does not turn	<ul style="list-style-type: none">• Check if: the belt is loose, broken, and/or damaged.the idler tension spring is too weak or stretched.the idler pulley is jammed or stuck.
Runs a few minutes and then stops	<ul style="list-style-type: none">• Check if: lint is built up around the driving motor. The voltage measured is too low.The blower impeller is jammed in the blower housing.The start switch of the drive motor is closed.
Blows fuses or trips circuit breaker	<ul style="list-style-type: none">• Is the belt connected properly?• Do the rotor, stator, and the generator keep winding?• Is the motor protector normal? Otherwise, replace the PCB assembly.
Does not heat (motor runs)	Open the heating element and check if: <ul style="list-style-type: none">• Checking if the Hi-Limit thermostat is open• Checking if the thermal cut off is open• Checking the resistance of thermistor

6. Reference Information

Troubleshooting

Problem	Action
Blows fuses or trips circuit breaker (Gas models)	<ul style="list-style-type: none">• During ignition, the dryer is designed to consume X amperages with the burner turned on. If the dryer is using amperages above this, this indicates the house wiring, fuse box, or circuit breaker is defective.• Check if: the igniter harness is loose or short.the drive motor is properly grounded.
Poor gas ignition (Gas modelo)	<p>A gas dryer featuring the heater unit is designed to flame within 45 seconds at 120 VAC. Ignition failure is indicated by one of three symptoms:</p> <ul style="list-style-type: none">• The igniter does not glow.• The igniter glows but does not ignite.• The igniter ignites but goes out shortly.
The igniter does Not glow	<p>If the igniter does not heat up, disconnect power and using an ohmmeter, checkpoints:</p> <ul style="list-style-type: none">• Flame sensor• Igniter• Gas Valve Coil• Wiring• Motor switch (neutral supply)• Power connection (L1 supply)
The igniter starts normally but fails To ignite	<p>If the igniter heats up but the main burner flame does not ignite, disconnect power and using an ohmmeter, check the following:</p> <ul style="list-style-type: none">• Secondary coil / Holding coil / Wire harness / Flame sensor if it's closed

6. Reference Information

Troubleshooting

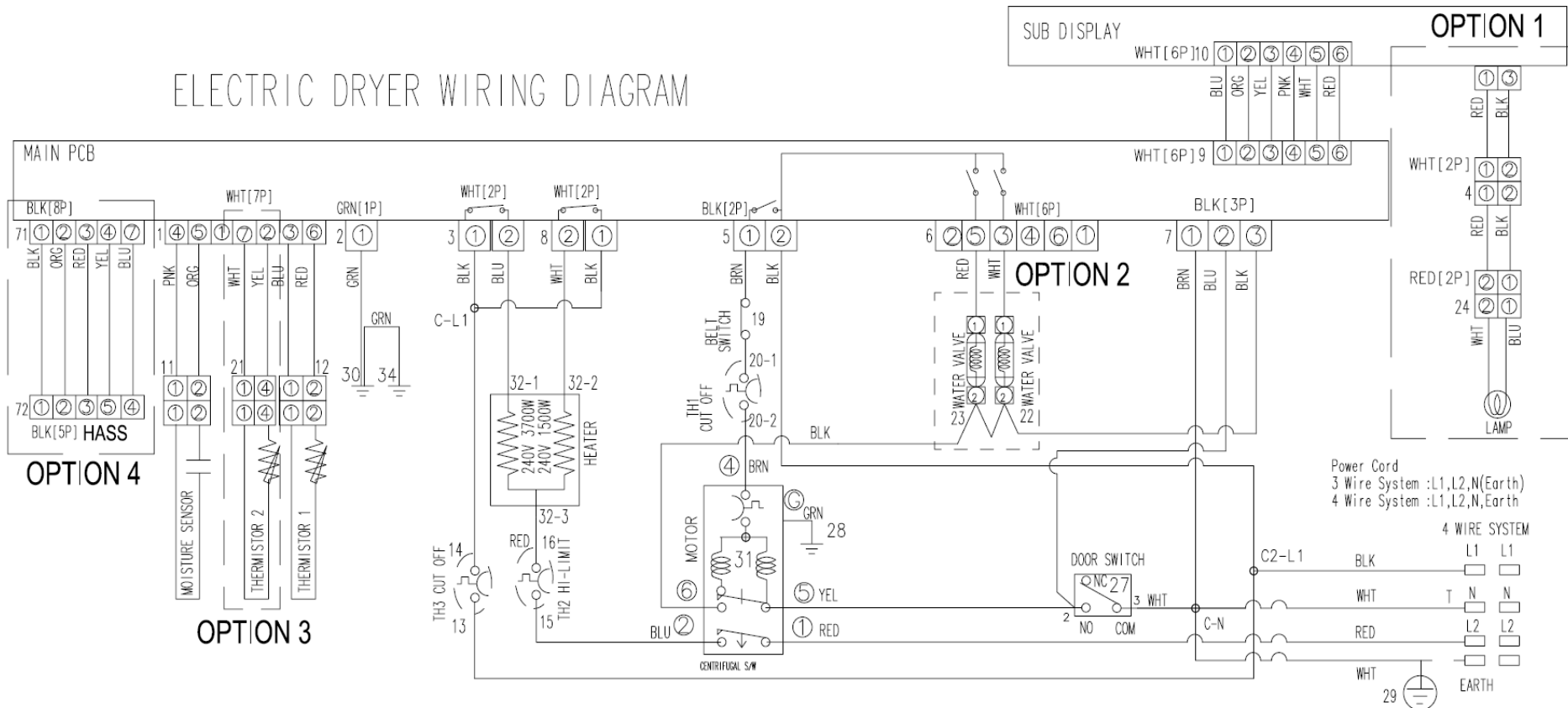
Problem	Action
The dryer ignites but the flame goes out shortly	<ul style="list-style-type: none">• Check if: the radiant sensor is open prematurely. the gas valve coil is open prematurely at higher temperatures.• Checkpoints: Hi-Limit sensor / Venting system / Drum sealing
Dried clothes are wrinkled / Rough texture takes a longer drying time	<ul style="list-style-type: none">• The lint filter is not clean.• The door of the exhaust hood damper is stuck closed.• The exhaust system is too long or complicated, or has too installed.• The intake air is not sufficient for the dryer.• Incorrect tumbler speed or tumbler belt slipping.• Check if the blower impeller is clogged with impurities.• Check if the dryer is overloaded.• Check the clothing label and select a proper cycle.• Clothes are still wet after being washed in the washer.
Noise and/or vibrations	<ul style="list-style-type: none">• Thumping: check if the tumbler baffle is loose, or if the rear tumbler rollers are worn or misaligned.• Ticking: check if the wire harness is loose, or if the blower wheel has foreign objects caught in.• Scraping: check if the front or rear bulkhead is out of position, or if the front bearings of the tumbler are worn.• Roaring: check if the blower wheel collides with the blower housing, or if the motor bearings are worn.• Popping or squealing: check for a sticky or frayed belt.

6. Reference Information

Wiring Diagram

Elec Models

ELECTRIC DRYER WIRING DIAGRAM



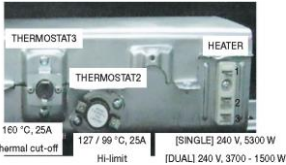



Wiring Diagram

A logic gate symbol (AND gate) with one input connected to a ground symbol (a circle with a horizontal line) labeled "EARTH".



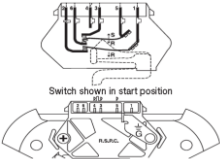

6. Reference Information

Component Testing Procedures

Parts	Image	Description
[Electric]		
Thermistor Thermostat		<ul style="list-style-type: none"> • Thermistor resistance 10K Ω @ 25 °C (77 °F) • Thermostat 1 resistance < 1Ω
Thermostat heater		<ul style="list-style-type: none"> • Thermostat 3 resistance < 1 Ω <ul style="list-style-type: none"> - If resistance is infinite, replace thermostat 3. • Thermostat 2 resistance < 1 Ω <ul style="list-style-type: none"> - If resistance is infinite, replace thermostat 2. • [DUAL] Heater resistance 13 Ω (PIN 2-3) Heater resistance 34 Ω (PIN 1-2) <ul style="list-style-type: none"> - If resistance is infinite, replace heater. • [SINGLE] Heater resistance 10 Ω (PIN 1-3) <ul style="list-style-type: none"> - If resistance is infinite, replace heater. • Measure resistance on the following terminal
Door Switch		<ol style="list-style-type: none"> 1. Door switch: Off <ul style="list-style-type: none"> - Terminal: "COM" - "NC" (1-3) < 1Ω - Terminal: "COM" - "NO" (1-2): ∞ Ω 2. Door switch: On <ul style="list-style-type: none"> - Terminal: "COM" - "NC" (1-3): ∞ Ω - Terminal: "COM" - "NO" (1-2) < 1Ω





6. Reference Information

Component Testing Procedures

Parts	Image	Description																					
Belt Cut-off S/W		<ul style="list-style-type: none">• Belt Cut-off S/W- Lever open: Resistance value < 1Ω- Lever push: Resistance value: ∞ Ω																					
Lamp		<ul style="list-style-type: none">• Thermostat 3 resistance < 1 Ω<ul style="list-style-type: none">- If resistance is infinite, replace thermostat 3.• Thermostat 2 resistance < 1 Ω<ul style="list-style-type: none">- If resistance is infinite, replace thermostat 2.• [DUAL] Heater resistance 13 Ω (PIN 2-3) Heater• resistance 34 Ω (PIN 1-2)<ul style="list-style-type: none">- If resistance is infinite, replace heater.• [SINGLE] Heater resistance 10 Ω (PIN 1-3)<ul style="list-style-type: none">- If resistance is infinite, replace heater.• Measure resistance on the following terminal																					
Centrifugal Switch (Motor)		<ul style="list-style-type: none">• 2.88 Ω between Pin# 3 and 4• 3.5 Ω between Pin# 4 and 5 <table border="1"><caption>Contacts</caption><thead><tr><th>Function</th><th>1M</th><th>2M</th><th>3M</th><th>4M</th><th>5M</th><th>6M</th></tr></thead><tbody><tr><td>Start</td><td></td><td></td><td>●</td><td>●</td><td></td><td></td></tr><tr><td>Run</td><td>●</td><td>●</td><td></td><td></td><td>●</td><td>●</td></tr></tbody></table> <p>● = Contact closed</p>	Function	1M	2M	3M	4M	5M	6M	Start			●	●			Run	●	●			●	●
Function	1M	2M	3M	4M	5M	6M																	
Start			●	●																			
Run	●	●			●	●																	
Thermistor		<ul style="list-style-type: none">• 238.23 kΩ at 25 °C (77 °F)																					

6. Reference Information

Component Testing Procedures

Parts	Image	Description
Radiant sensor (10RS) Gas		<ul style="list-style-type: none"> Resistance value $< 1 \Omega$ If resistance is infinite, replace radiant sensor.
Gas Valve (25M01A)		<ul style="list-style-type: none"> Valve 1-2: Resistance value approx. 1365Ω Valve 1-3: Resistance value approx. 560Ω Valve 4-5: Resistance value approx. 1325Ω Valve 6-7: Resistance value approx. 1000Ω If resistance is infinite, replace valve.
Igniter (101D) Gas		<ul style="list-style-type: none"> Resistance value $40 \sim 400 \Omega$ If resistance is infinite, replace igniter.
Thermostat (60T21 Hi-Limit) 230F-50F		<ul style="list-style-type: none"> Resistance value $< 1 \Omega$ If resistance is infinite, replace thermostat

Lower Main PBA Layout (For delicate dry)



6. Reference Information

Location	Part No.	Function	Description
1	CNP103	AC CONNECTION CONNECTOR	Supplies AC power to the PBA
2	RY401	MOTOR RELAY SWITCH	The relay used for motor control
3	RY402	HEATER RELAY SWITCH	The relay used for heater control
4	CNC802	SUB PBA COMMUNICATION	The connector that controls communications with the Sub PBA corresponding to the Display
5	CNC201	MICOM WRITING & SMART TEST CONNECTOR	MICOM writing & smart test connector
6	CNC503	DRY LEVEL SENSING & THERMISTOR	Sensing Dry Level & temperature
7	CNP401	STEAM CONTROL CONNECTOR	The connector used for the steam load control
8	CNC502	EARTH CONNECTOR	The connector used for protecting moisture sensing circuit
9	RY403	HEATER RELAY SWITCH	The relay used for heater control

Schematic Diagram of Lower Main PBA (double click a picture for the detail)



6. Reference Information

Connector & Relay Terminal Description (Lower Main PBA)

CNP103

PIN1 - AC POWER Port
PIN2 - Door Detection Sensor
PIN3 - GAS Igniter Check

CNC 802

1. Rx
2. Tx
3. SUB_RESET
4. 5V
5. GND
6. 12V
7. NC
8. Power Key_Lower Dryer
9. Power Key_Upper Dryer

CNC 503

1. GND
2. 5V
3. Thermistor
4. Moisture Sensor
5. Moisture Sensor
6. 5V
7. Vent Temp

RY401
Motor Relay Switch

RY402
Heater 1 Relay Switch

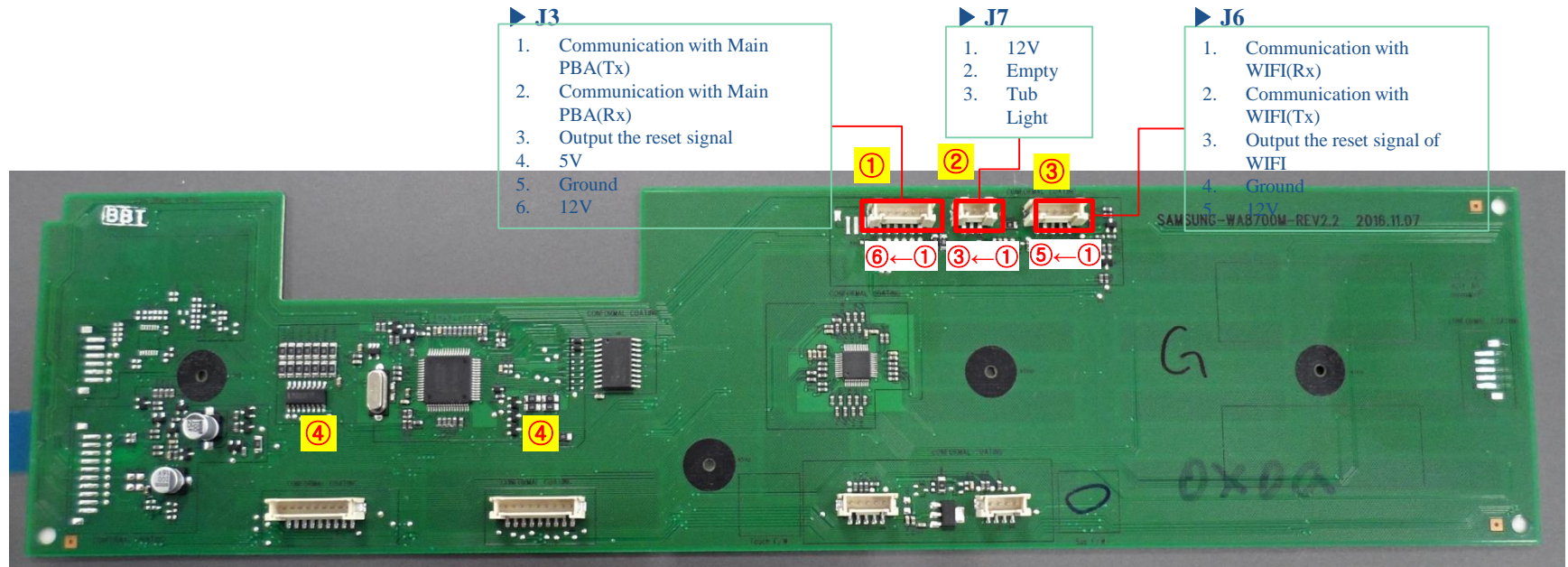
CNP401

1. Steam Valve 1
2. NC
3. Steam Valve 1
4. NC
5. Steam Valve 2
6. NC

RY403
Heater 2 Relay Switch

6. Reference Information

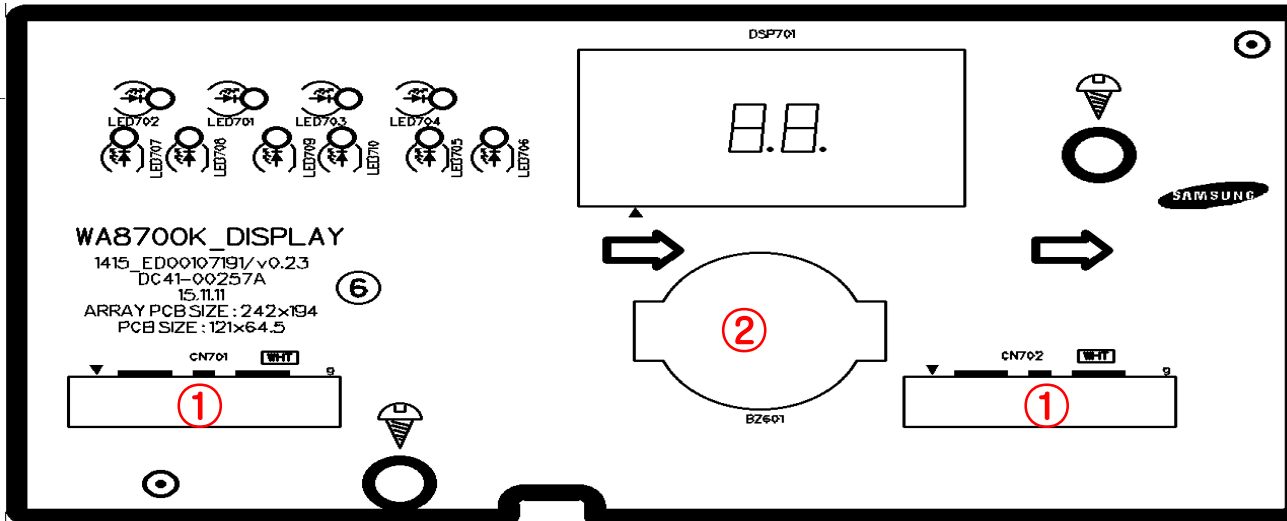
Sub PBA Layout (The Principle Part)



Location	Part No.	Function	Description
1	J3	Connect Main PBA	Receives power from the Main PBA provides a communications function
2	J7	Drum Light Circuit	It controls drum light LED On/Off
3	J6	Wi-Fi Communication	This port can connect Smart Home adapter. (option)
4	J2, J4	Connect Sub PBA	Operates LED and Buzzer in Sub PBA

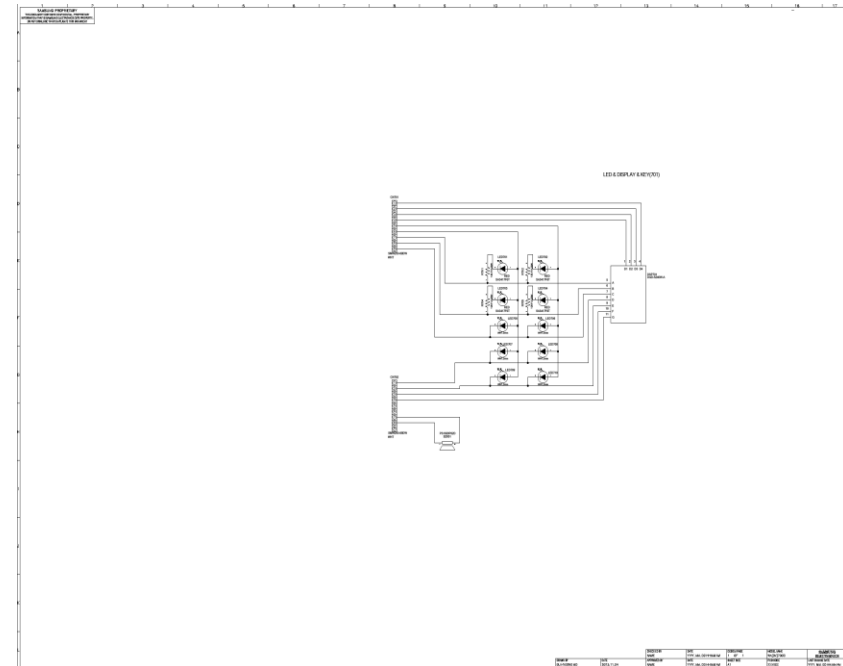
6. Reference Information

Sub PBA Layout (The Principle Part)



	Part no.	Function	Description
1	CN701, CN702	Connect Touch PBA	Operates LED and Buzzer in Sub PBA
2	BZ601	Buzzer	Generates sound when the Menu key is pressed, the Encoder operates and the menu is closed.

Schematic Diagram of Sub PBA (double click a picture for the detail)



6. Reference Information

Q & A

Q. What does it mean when chasing light appear in the display?	A. The chasing lights appear in the display when Wrinkle Prevent is selected. This lets you know that the dryer is tumbling intermittently for 95 minutes with room temperature air after the cycle is complete to reducing wrinkling. The load is dry and can be removed at any time during Wrinkle Prevent.
Q. Why is the estimated drying time so long?	A. The initial estimated drying time will be longer because the dryer has not yet detected the amount of moisture in the load. After the dryer has been running for several minutes, a more accurate estimate will be displayed. Remember, the times are estimated. The actual drying time may be longer or shorter, depending on the load.
Q. My dryer seems to run longer than I expect. Why?	A. The dryer automatically senses the dryness level of load. Be careful to avoid overloading your dryer. For best drying results, avoid mixing heavy and lightweight items in the same load.

6. Reference Information

Nomenclature DV8700M

Digi	1	2	3	4	5	6	7	8	9	10	11	12	13	14
	D	V	E	6	0	M	8	7	5	0	V	/	A	3

Model Naming Rule

	Product Type		Type	Capacity	Year	Series	Features	Color	Divider	Buyer
Dryer	D	V	Dryer Type	Market Claim Capacity Ex: 7.5 kg = 75 10kg = 10 5.0 cuft = 50	13: F	Grade		By Color Table sheet	/: CBU U: SKD 1: Ver. Service	By Buyer- Table Sheet
					14: H					
					15: K					
					16: K					
					17: M					
			Type (Dryer)	* Detail Rule	* Same to VD Division	9 High	* Each Product / Projects have different Feature Table.	V: Black Caviar W: White P: Inox Z: Blue		A3, A2: Estados Unidos AC: Canada AX: Mexico
			E: Vente Elec.	1. 55.5 kg: Down to 11		8 High				
			G: Vent Gas	2. N.America by DOE rule		7 High				
			H: Heatpump	3. N. America Dryer Same to Pair Washer		6 Mid				
			C: Condensing	* Double Language Option		5 Mid				
				Dutch + French		4 Mid				
				Dutch Only		3 Entry				
				* Exclusive Code		2 Entry				
				capacity code의 2번째 자리 사용		1 Entry				
				ex) 6.0kg, M-Video Exclusive: 6M		Grade				
				ex) 7.0kg, Eldorado Exclusive: 7E						

6. Reference Information

Nomenclature DV8600M

Dig	1	2	3	4	5	6	7	8	9	10	11	12	13	14
	D	V	E	6	0	M	8	6	5	0	V	/	A	3
Model Naming Rule														
	Product Type		Type	Capacity	Year	Series	Features			Color	Divider	Buyer		
Dryer	D	V	Dryer Type	Market Claim Capacity Ex: 7.5 kg = 75 10kg = 10 5.0 cuft = 50	13: F	Grade				By Color Table sheet	/: CBU U: SKD 1: Ver. Service	By Buyer- Table Sheet		
					14: H									
					15: J									
					16: K									
					17: M									
		Type (Dryer)	* Detail Rule		* Same to VD Division	9 High	* Each Product / Projects have different Feature Table.			V: Black Caviar W: White P: Inox Z: Blue	A3, A2: Estados Unidos AC: Canada AX: Mexico			
		E: Vente Elec.	1. 55.5 kg: Down to 11			8 High								
		G: Vent Gas	2. N.America by DOE rule			7 High								
		H: Heatpump	3. N. America Dryer Same to Pair Washer			6 Mid								
		C: Condensing	* Double Language Option			5 Mid								
			Dutch + French			4 Mid								
			Dutch Only			3 Entry								
			* Exclusive Code			2 Entry								
			capacity code의 2번째 자리 사용			1 Entry								
			ex) 6.0kg, M-Video Exclusive:			Grade								
			6M											

7. Disassembly & Reassembly

Exhaust Ducting Guide

Ducting

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

Cleaning




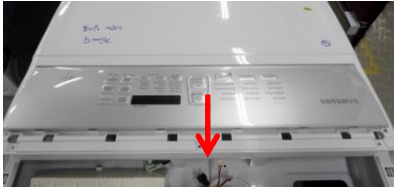

Clean all old ducts before installing the dryer, and make sure the vent flap opens and closes freely. We recommend that you to clean the exhaust system annually or on a regular basis.

WARNING

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

7. Disassembly & Reassembly

Control Panel Removal

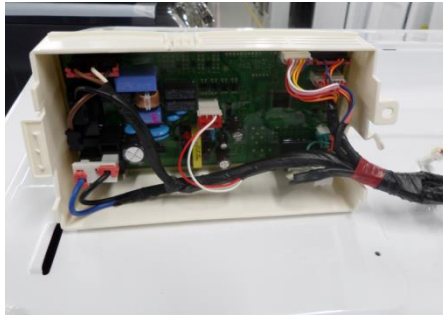
	<ol style="list-style-type: none">1. Disconnect the power supply to the unit.2. Remove 2 screws from the Panel Control.
	<ol style="list-style-type: none">3. Lift up the real of the Panel Control.4. Remove Each Housing.
	<ol style="list-style-type: none">5. Remove the Cover Panel. (Push the Cover Panel to separate the outside from the inside Panel Control.)
	<ol style="list-style-type: none">6. Remove the Window Panel. (Slide the Window Panel backwards to separate.)
	<ol style="list-style-type: none">7. Remove 3 screws from the Guide Cover PCB. ⚠ Be careful of external scratch on the Panel Control.

7. Disassembly & Reassembly

Main PCB Removal



1. Remove the Panel Control.
2. Remove 1 Screw from the Top Cover.



3. Remove the Housings.


7. Disassembly & Reassembly

Top Cover Removal



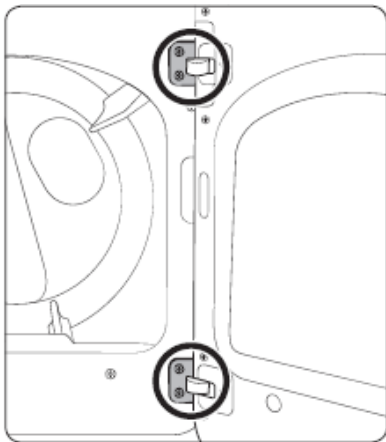
1. Disconnect the power supply to the unit.
2. Remove the Panel Control and the Main PCB.
3. Remove the Cap-Cover Top and 2 screws from the Bracket Cover Top.



4. Slide the Top Cover towards the front and lift from the unit.
 Scratch and impact to the top cover is prohibited.

7. Disassembly & Reassembly

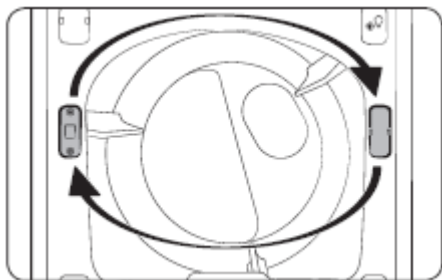
Door Removal



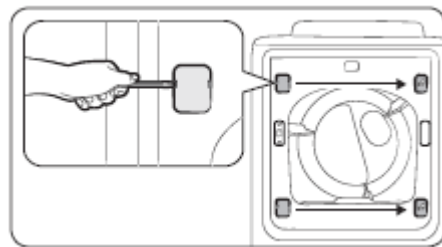
To reverse the direction of the door, we recommend that you contact a qualified technician.

It is recommended to put a soft rug on the floor to prevent scratches on the door.

1. Unplug the power cord of the dryer.
2. Remove the four hinge screws from the door, and then remove the door by lifting it up slightly.



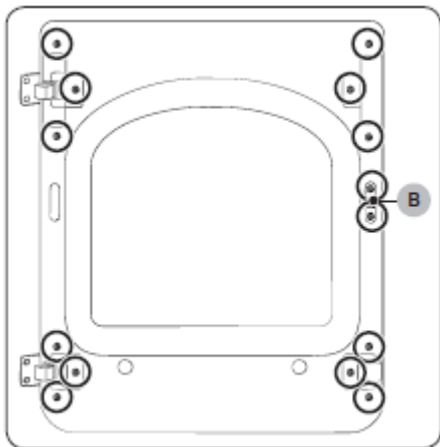
3. Remove the two screws from the lever holder, and then remove the holder cover.
4. Put the lever holder on the other side as shown, and then tighten the screws. Install the holder cover on the opposite side as shown.



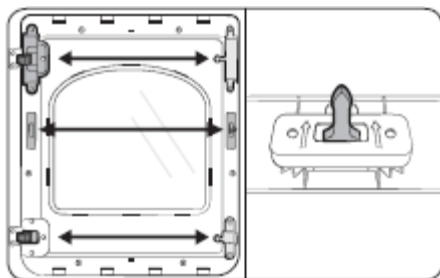
5. Use a flat-head screwdriver to remove the two hinge covers from the original side. Install the hinge covers on the opposite side as shown.

7. Disassembly & Reassembly

Door Removal



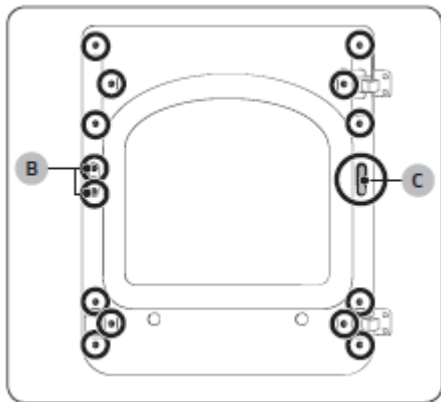
6. Locate and remove the 14 screws as shown. Note that screw B (x2) is longer than the others.



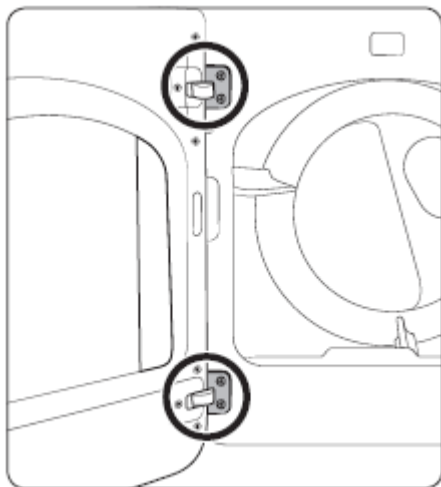
7. Remove the glass holder, and switch the positions of:
- a. the hinge cover and the door handle.
 - b. the hinge holder and the glass-guide holder
8. Remove the door lever, and then move it to the other side as shown.

7. Disassembly & Reassembly

Door Removal



9. Remove the hole cover (C), and then insert and tighten the glass holder using the removed 14 screws.
10. Install the hole cover on the opposite side as shown.



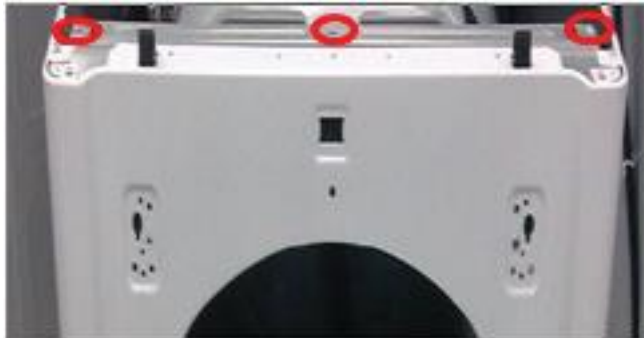
11. Reinstall the door on the front frame, and then carefully insert and tighten the 4 hinge screws.

7. Disassembly & Reassembly

Frame Front Removal



1. Disconnect the power supply to the unit.
2. Remove the Panel Control, the Main PCB and the Cover Top.
3. Remove 3 screws from the Frame Front.
☒ When 1 screws of the top portion work because was added newly, keep in mind.



4. Remove 3 screws.

7. Disassembly & Reassembly

Frame Front Removal



5. Remove the Door Switch Housing.




☒ When reassemble Door Switch to Frame Front, be careful for insert direction.



6. Lift the Frame Front off the three tabs across the bottom and remove.

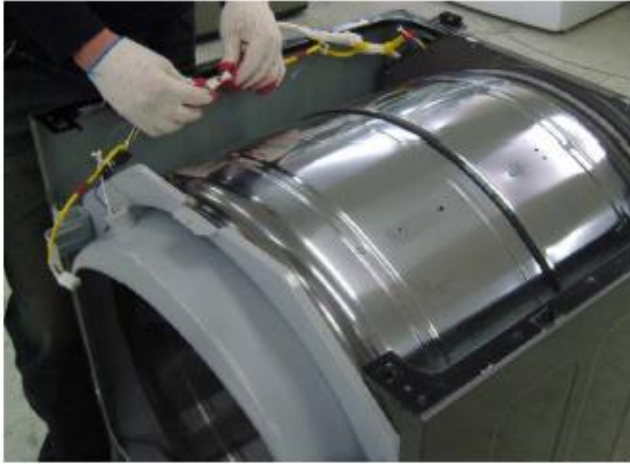
7. Disassembly & Reassembly

DOOR S/W Removal

	<p>[Method of Door S/W disjoining]</p> <ol style="list-style-type: none">1. After separate Holder Wire in Door S/W, Door S/W Hook Press and is Pull to Frame Front whole surface.
	<ol style="list-style-type: none">2. Pulls Door S/W to direction in 5 o'clock and separates Door S/W left part.
	<ol style="list-style-type: none">3. Pull Door S/W to front side.

7. Disassembly & Reassembly

Drum Front Removal



1. Disconnect the power supply to the unit.
2. Remove the Panel Control, the Main PCB, the Cover Top and the Frame Front.
3. Disconnect Interior Light wiring Harness.



4. Remove the four Bracket Drum Front 5 screws.

7. Disassembly & Reassembly

Drum Front Removal



5. Disconnect the Moisture Sensor wiring Harness.



6. Remove the Drum Front.

7. Disassembly & Reassembly

Drum Front Removal



7. Remove the filter.



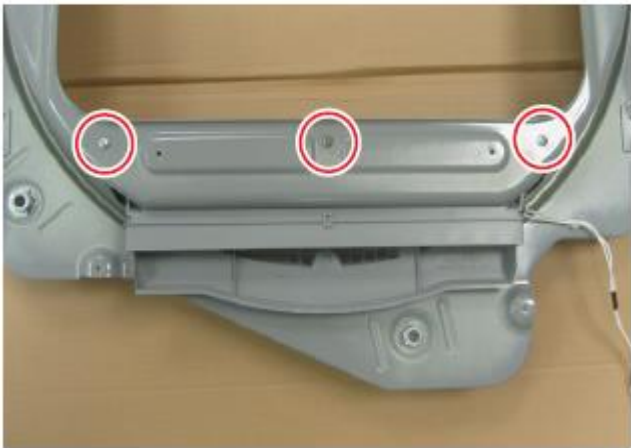
8. Remove 2 screws from the Duct Outlet.

7. Disassembly & Reassembly

Drum Front Removal



9. Remove the Duct Outlet.



10. Remove 3 screws from the Case Filter(F).

7. Disassembly & Reassembly

Drum Front Removal



11. Remove 1 screw from the Case Filter(B).

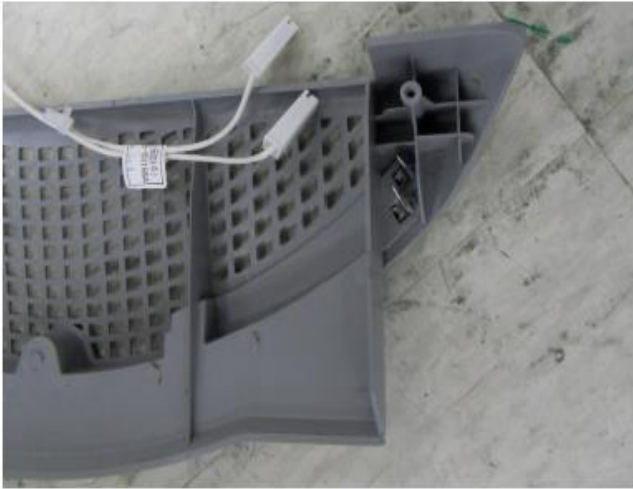
→ Make sure the Filter does not get damaged by the Roller.



12. Remove the Case Filter(B/F).

7. Disassembly & Reassembly

Drum Front Removal



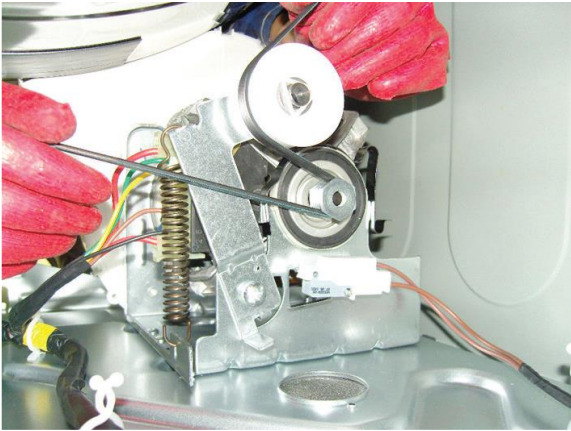
13. Disconnect 2 Housing Sensor-Plate.



14. Remove 2 Sensor-Plate.

7. Disassembly & Reassembly

Drum Removal



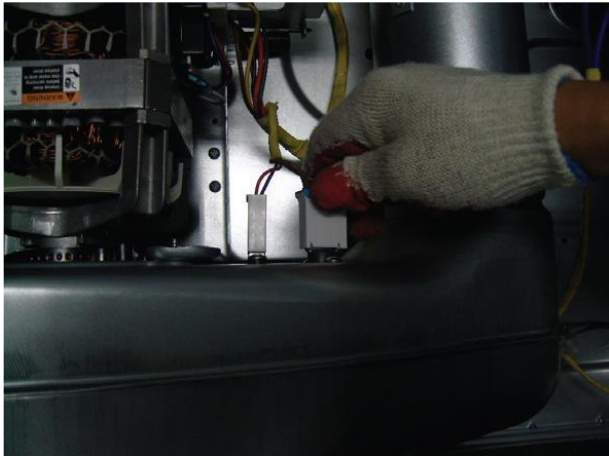
1. Disconnect the Power Supply to the unit.
2. Remove the Panel Control, the Main PCB, the Cover Top, the Frame Front and the Drum Front.
3. Remove Belt.



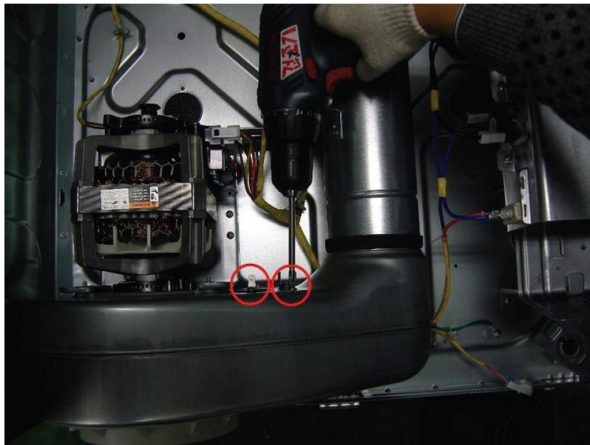
4. Remove the Drum.
When reassemble the belt, make it located middle of the Drum

7. Disassembly & Reassembly

Sensor(Thermistor , Thermostat)Removal



1. Disconnect the power supply to the unit.
2. Remove the Panel Control, the Main PCB, the Cover Top, the Frame Front, the Drum Front and the Drum.
3. Remove 2 Housing Sensor.



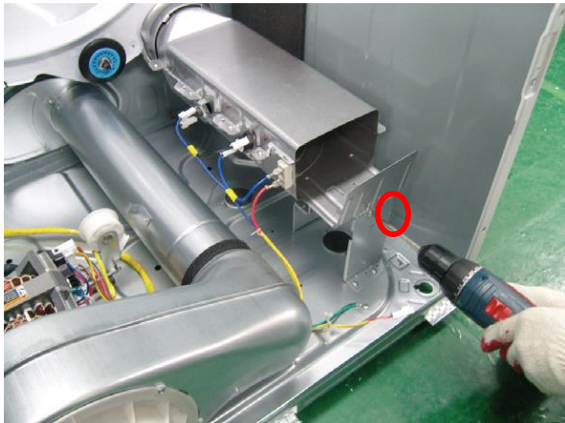
4. Remove the Sensor.
Do not apply excessive force to the terminal.

7. Disassembly & Reassembly

Heater Removal(Elec.)



1. Disconnect the power supply to the unit.
2. Remove the Panel Control, the Main PCB, the Cover Top, the Frame Front, the Drum Front and the Drum.
3. Removal 6 Housing Heater-Terminals.



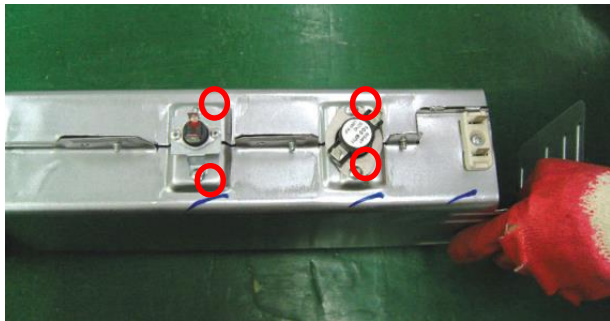
4. Remove 1 screw from the Heater.

7. Disassembly & Reassembly

Heater Removal(Elec.)



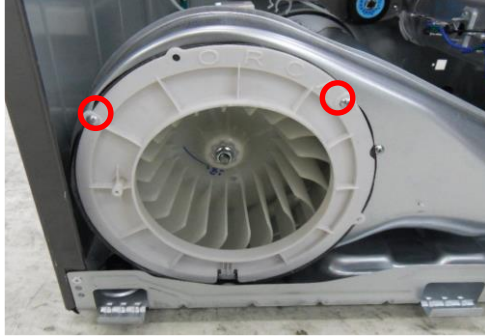
5. Separate the Heater from the Drum-back.



6. Remove 4 screws from the Thermostats.
 not apply excessive force to the terminal.

7. Disassembly & Reassembly

Assy Motor Removal



1. Disconnect the power supply to the unit.
2. Remove the Panel Control, the Main PCB, the Cover Top, the Frame Front, the Drum Front and the Drum.
3. Remove 2 screws from the Duct Connector.



4. Remove 1 Housing Motor.



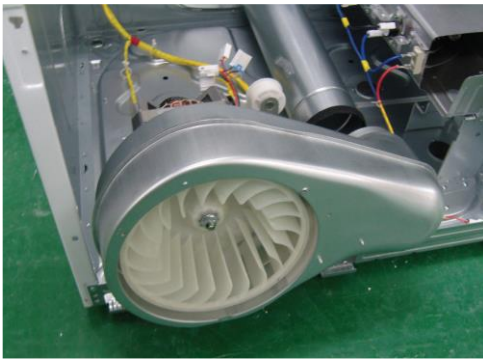
5. Remove 1 Housing Belt Cut Off Switch.

7. Disassembly & Reassembly

Assy Motor Removal



6. Remove 3 screws from the Motor-Bracket.



7. Separate the Motor Assy at the Bottom Plate.

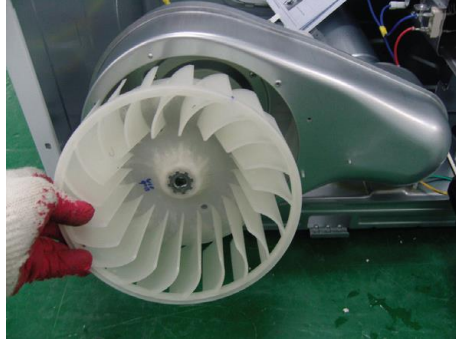


8. Remove 1 Nut Fan.

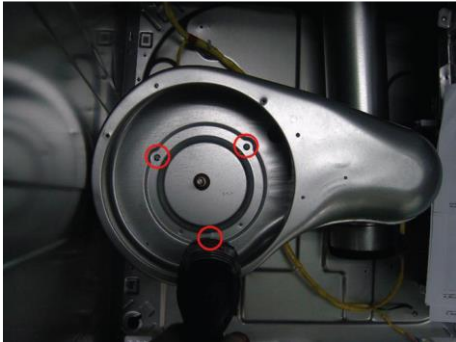
CW to remove.
CCW to assemble.

7. Disassembly & Reassembly

Assy Motor Removal



9. Remove the Fan.



10. Remove 3 screws from the Cover-Duct Fan.



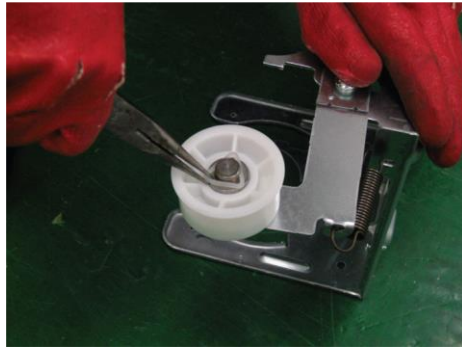
11. Remove the 2 Spring Plate.

7. Disassembly & Reassembly

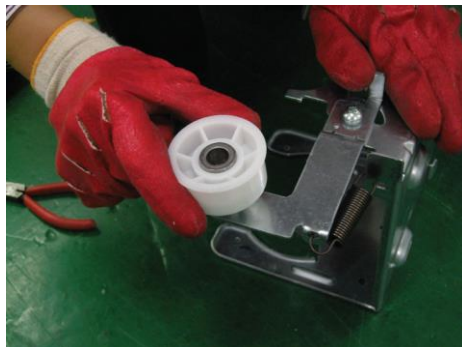
Assy Motor Removal



12. Remove the 1 screw Belt cut Off Switch.



13. Remove the Holder Shaft.



14. Remove the Roller-Idler.

7. Disassembly & Reassembly

Drum Back Removal



1. Disconnect the Power Supply to the unit.
2. Remove the Panel Control, the Main PCB, the Top, Cover, the Frame Front, the Drum Front and the Drum.
3. Remove 7 screws from the Drum Back.



4. Separate the wire in the Wire Holder.

7. Disassembly & Reassembly

Drum Back Removal



5. Separate the Drum Back from the Frame.



6. Remove 4 screws from the Air Duct.



Be careful of the Bracket edge.

7. Disassembly & Reassembly

Burner Removal(Gas Model)



1. After the knock-down to Motor/Assy-Motor, do the following.
2. Shut off gas supply.
3. Disconnect gas pipe.
4. Remove all the connectors.
5. Remove two screws (one at the front and the other one at the back) securing Burner to Frame.



NOTE: The Igniter Bar is fragile.

So, take care when removing Burner Assy.

6. Remove the two screws attaching the housing to Burner Bracket.
7. Remove Burner Assy from the unit.

7. Disassembly & Reassembly

Assy Base-stand Removal



Remove 3 screws from each Assy Base-stand



Remove 2EA Assy Base-stand from Plate Bottom



Each Assy Base-stand Remove 2EA Leg

The background of the slide features a dynamic, wavy blue pattern that resembles a liquid surface or a stylized wave. The colors range from a deep, dark blue to a lighter, almost white blue, creating a sense of movement and depth. The text "Thank You!" is centered horizontally and vertically on the slide. It is rendered in a bold, sans-serif font. The letters are a medium blue color, and each character is outlined with a thin white border, which helps the text stand out against the complex background. The exclamation mark is also part of the main text and is styled consistently.

Thank You !