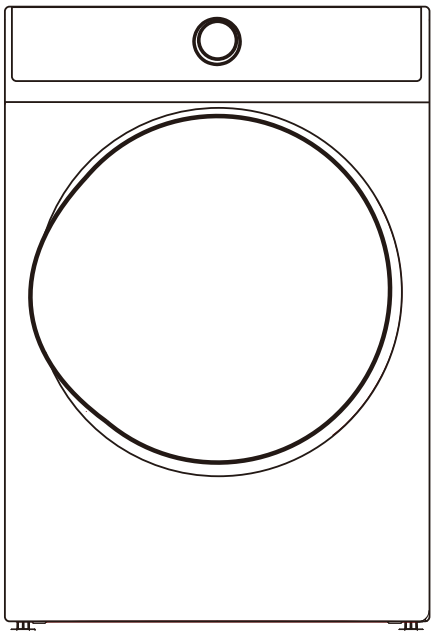
Website: www.midea.com

Laundry

DRYER MACHINE

Service Manual



Models:
MDH210-V042/B01EHS-US
MDH210-VG042/B01EHS-US
MLE45N1AWW
MLG45N1AWW

CAUTION

READ THIS MANUAL CAREFULLY TO DIAGNOSE TROUBLES CORRECTLY BEFORE OFFERING SERVICE.

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1. PRECAUTION

1.1 Safety precaution

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

– Do not store or use gasoline or other flammable vapors and liquids in the vicinity of this or any other appliance.

– WHAT TO DO IF YOU SMELL GAS:

- Do not try to light any 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.

1.2 Warning

- Do not dry articles that have been previously cleaned in, washed in, soaked in, or spotted with gasoline, dry-cleaning solvents, other flammable or explosive substances as they give off vapors that could ignite or explode.
- 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 clothes. Flammable substances may cause the fabric to catch fire by itself.
- Do not store or use gasoline or other flammable vapors and liquids near this or any other appliance.
- Do not allow children to play on or in the appliance. Close supervision of children is necessary when the appliance is used near children.
- Before the appliance is removed from service or discarded, remove the lid of the washing or door of the drying compartment.
- Do not reach into the appliance if the drum is moving.
- Do not install or store this appliance where it will be exposed to the weather or freezing temperatures.
- Do not tamper with the controls.
- Do not repair or replace any part of the appliance or attempt any servicing unless it is specifically recommended in the user-maintenance instructions or in published user-repair instructions that you understand and have the skills to carry out.
- Keep the area underneath and around your appliances free of combustible materials (lint, paper, rags, etc.), gasoline, chemicals and other flammable vapors and liquids.
- Do not place items exposed to cooking oils in your dryer. Items contaminated with cooking oils may contribute to a chemical reaction that could cause a load to catch fire. To reduce the risk of fire due to contaminated loads, the final part of a tumble dryer cycle occurs without heat (cool down period). Avoid stopping a tumble dryer before the end of the drying cycle unless all

items are quickly removed and spread out so that the heat is dissipated.

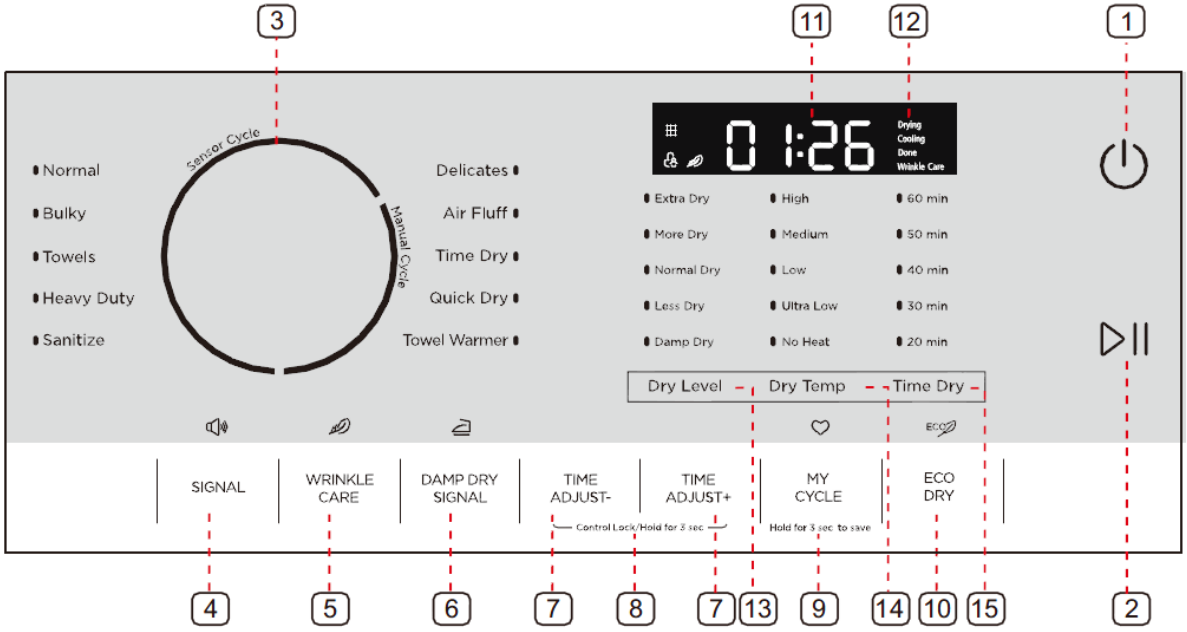
- Turn off the water faucets and unplug the dryer if the machine is to be left for an extended period of time, such as during vacations.
- Packaging material can be dangerous for children. There is a risk of suffocation! Keep all packaging from children.
- Always check the inside of the dryer for foreign objects before loading laundry. Keep the door closed when not in use.
- Do not use fabric softeners or products to eliminate static unless recommended by the manufacturer of the fabric softener or product.
- Clean the lint screen before or after each load.
- Keep the area around the exhaust opening and surrounding areas free from lint, dust, and dirt.
- The interior of the dryer and exhaust duct should be cleaned periodically by qualified service personnel.
- 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.
- This appliance must be grounded. See “Electric requirements” and “Grounding” in the “INSTALLATION REQUIREMENTS” section.
- 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.
- 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.
- Do not use heat to dry articles containing foam rubber or similarly textured rubber-like materials.
- 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.
- Do not dry items containing foam rubber (may be labeled latex foam) or similarly textured rubber-like materials on a heat setting. Heated foam rubber materials can, under certain circumstances, produce fire by spontaneous combustion.

1.3 Caution

- Do not sit on top of the dryer.
- Because of continuing product improvements, Midea America reserves the right of change specifications without notice. For complete details, see the Installation Instructions packed with your product before selecting cabinetry, making cutouts, or beginning installation.
- Do not dry clothing with large buckles, buttons, or other heavy metal or solid things.
- Install and use in accordance with the manufacturer's instructions.
- Do not place items in your dryer that have been spotted or soaked with vegetable oil or cooking oil. Even after being washed, these items may contain significant amounts of these oils.
- Residual oil on clothing can ignite spontaneously. The potential for spontaneous combustion increases when items containing vegetable oil or cooking oil are exposed to heat. Heat source such as your dryer can warm these items, allowing an oxidation reaction in the oil to occur.
- Oxidation creates heat. If this heat cannot escape, the items can become hot enough to catch fire. Piling, stacking, or storing these kinds of items may prevent heat from escaping and can create a fire hazard.
- Take care that children's fingers are not caught in door when closing it. This may result in injury.
- Gas leaks may occur in your system, resulting in a dangerous situation.
- Gas leaks may not be detected by smell alone.
- Gas suppliers recommend you purchase and install a UL approved gas detector.

2. How to use

2.1Controls and function



1. Power button

Press to turn your dryer on or off. If your dryer is on for more than 10 minutes without any buttons being pressed, it automatically turns off.

2. Start/pause button

Press to start or pause the program. You can’t change any setting except add a garment.

3. Cycle selector

Select your desired cycle for the type of load. The cycle you select determines the heat control for the cycle. The Normal, Delicates, Bulky, Towels, Heavy Duty and Sanitize cycles are Sensor Dry cycles. The Air Fluff, Time Dry, Quick Dry and Towel Warmer cycles are Manual Dry cycles.

4. SIGNAL

Press once to stop the buzzer sound. Press again to activate the sound. Your selection will be kept until next pressing.

5. WRINKLE CARE

Press once to add the wrinkle care step into the operating program. Press again to cancel selection. wrinkle care provides approximately 90 minutes of intermittent tumbling in unheated air at the end of the cycle to reduce wrinkling. The load is already dry, and can be removed at any time during the wrinkle care cycle.

6. DAMP DRY SIGNAL

This function is useful when you want to take some garments out for ironing. The unit will beep 6 times when the moisture in the clothes is good for ironing. At this time, you can take those garments out and continue drying the other by pressing the "START/PAUSE" button once.

Note: The unit will not stop operating if you don't take those garments out for ironing.

7. TIME ADJUST

These buttons are effective only for Manual cycles. Push these buttons to change the drying time you prefer. Push repeatedly to get your desired drying time.

8. Control Lock

Press the "TIME ADJUST-" and "TIME ADJUST+" together to activate the control lock function. Press again for another 3 seconds to deactivate the function. All buttons except the "Power" will be out of function when control lock activated.

9. MY CYCLE

Press and hold for 3 seconds to remember your favorite drying cycle. Press once to load your favorite cycle setting.

10. ECO DRY

Press to select the Eco dry cycle. The Eco dry cycle is a power saving mode that reduces power while providing efficient drying performance.

11. Digital display

This digital will display the time of cycle you are setting or remaining time of cycle operating.

12. Cycle status display

The relative indicator graphic or text will be lit when the dryer is in its drying program, when the whole program is finished, the “Done” indicator graphic will flash to remind you to unload your laundry.

13. Dry Level

Press the button to select the dryness level. Different dryness level will result in different drying time. For clothes to be ironed manually, a lower dryness level should be selected.

14. Dry Temp

Press the button to select the drying temperature.

High - For sturdy cottons or those labeled Tumble Dry.

Medium - For permanent press, synthetics, lightweight cottons, or items labeled Tumble Dry Medium.

Low – For lower heat than Medium to dry synthetic or washable knit fabrics.

Ultra Low - For heat sensitive items labeled Tumble Dry Low or Tumble Dry Warm.

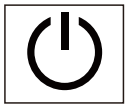
No Heat - Provides just the air cycle without any heat.

15. Time Dry

This button is a quick selection for Time Dry setting.

Drying a load of laundry

STEP 1: Power on your dryer



- Press this Power button to power your dryer on.

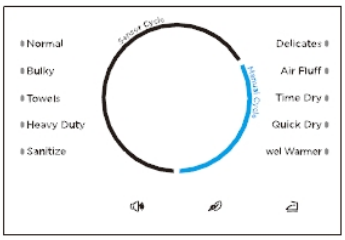
-The “Clean Filter” indicator graphic in the display will flash 10 times when your dryer is powered on.

- You should clean the filter before the dryer is loaded.

STEP 2: Load your dryer

- Place only one wash load in your dryer at a time.
- Mixed loads of heavy and light weight fabrics will dry differently, which may result in lightweight fabrics being dry while heavy fabrics remain damp at the end of a drying cycle.
- Add one or more similar items to your dryer when only one or two articles of clothing need drying. This improves the tumbling action and drying efficiency.
- Overloading restricts tumbling action, resulting in uneven drying as well as excessive wrinkling of some fabrics.

STEP 3: Select the appropriate cycle and options for the load



- Select the appropriate cycle by Cycle Selector according to the cycle chart.
- Select the appropriate optional function by buttons according to the chart.

- Your favorite drying Cycle
  Once you have set the cycle selector and option function, you can push and hold the “MY CYCLE” button for 3 seconds to memory this setting as your favorite cycle before start the unit. The light beside the knob will flash to confirm the memory with beeps.
- You can finish this Step by just push the “MY CYCLE” button once to use your favorite cycle or make some additional change.

STEP 4: Start your dryer

Pressing Start/Pause button will start the selected cycle. To PAUSE cycle press Start/Pause button then open the door. To resume operation after closing the door always press Start/Pause. Opening the door during the operation will instantly stop operation and will require to press Start/Pause button to resume operation.

STEP 5: Unloading your laundry

- After the cycle is done, the “Done” indicator graphic will flash, and the dryer will beep 6 times.

Control Lock

Your dryer has a Control Lock feature to prevent children from playing with your dryer. When you turn on the Control Lock, the only button that works is Power.

- You can turn on your dryer, set this function, then turn it off.
- When you do so, even if the unit is powered on, you still cannot start it before the Control Lock function is deactivated.
- This function will not be cancelled if your unit loses power, such as when you unplug it or the power turns off.

Press and hold both the TIME ADJUST+ and TIME ADJUST- buttons for three seconds. The Control Lock ico turns on.
To turn off the Control Lock, press and hold both the TIME ADJUST+ and TIME ADJUST- buttons for three seconds.

Eco Dry

- This function will reduce the energy consumption by reducing drying temp but increasing operation time.

2.2Cycle guide with option settings

Cycle	Fabric type	Dry Temp	Dry Level	Time Dry	WRINKLE CARE	DAMP DRY SIGNAL	TIME ADJUST	ECO DRY	Default time (Elec.)	Default time (Gas)	Maximum Amount
Normal	Cotton Under wear Linen	Medium	Extra Dry More Dry Normal Dry Less Dry Damp Dry	N	Y	Y N	N	Y	37min	37min	
Bulky	Blankets Sheets Comforters	Medium	Extra Dry More Dry Normal Dry Less Dry Damp Dry	N	Y	N	N	Y	42min	42min	
Towels	Towels Heavy cottons	High	Extra Dry More Dry Normal Dry Less Dry Damp Dry	N	Y	Y N	N	Y	50min	50min	
Heavy Duty	Jeans Corduroys Work clothes	High	Extra Dry More Dry Normal Dry Less Dry Damp Dry	N	Y	Y N	N	Y	54min	54min	
Sanitize	Bedding Curtains	High	Extra Dry	N	Y	N	N	N	62min	62min	
Delicates	Sensitive items	Low	Extra Dry More Dry Normal Dry Less Dry Damp Dry	N	Y	Y N	N	Y	25min	25min	
Air Fluff	/	No Heat	/	Y	N	N	Y	N	20min	20min	
Time Dry	/	High Medium Low Ultra Low No Heat	/	Y	Y	N	Y	N	40min	40min	
Quick Dry	/	High Medium Low Ultra Low No Heat	/	Y	Y	N	Y	N	30min	30min	
Towel Warmer	Towels	High Medium Low Ultra Low No Heat	/	Y	N	N	Y	N	20min	20min	

* Table in grey is an initial setting. “Y” are all optional functions you can select.

* For even better drying effect, please select higher dryness level.

* To save energy, The default setting for Normal cycle is Normal+Medium+Normal Dry+ECO DRY, if you have a large quantity of clothing, and want a faster drying speed, you can press “ECO DRY” once to cancel this option.

Load Size Recommendations:
For best results, follow the wet load size recommendations noted for each cycle.


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


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


Large load: Fill the dryer drum up to about 3/4 full. Do not overload. Items need to tumble freely.

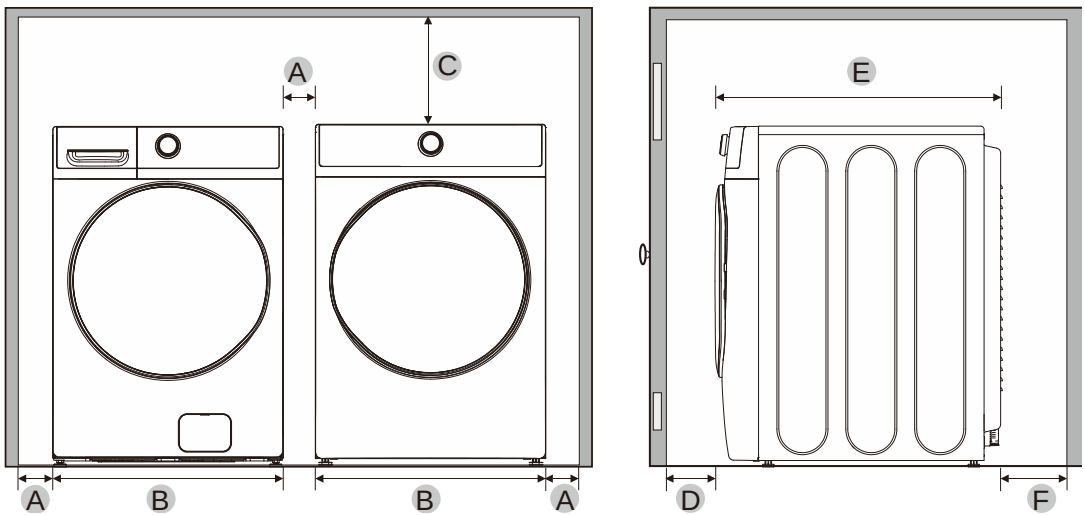
3. Installation Instructions

3.1 Unit dimension

-The dryer should be located where there is enough space at the front for loading the dryer, and enough space behind for the exhaust system.
-This dryer is factory-ready for the rear exhaust option. To exhaust out the bottom or left, use the accessory exhaust kit. Instructions are included with the kit.
-Make sure the room in which the dryer is located has enough fresh air. The dryer must be located where there are no air-flow obstructions.
-For gas dryers, adequate clearance must be maintained as noted on the data plate to ensure adequate air for combustion and the proper dryer operation.
-The dryer must not be installed or stored in an area where it will be exposed to water and/or weather. The dryer area must be kept clear of combustible materials, gasoline, and other flammable vapors and liquids. A dryer produces combustible lint. The area around the dryer should be kept lint-free.

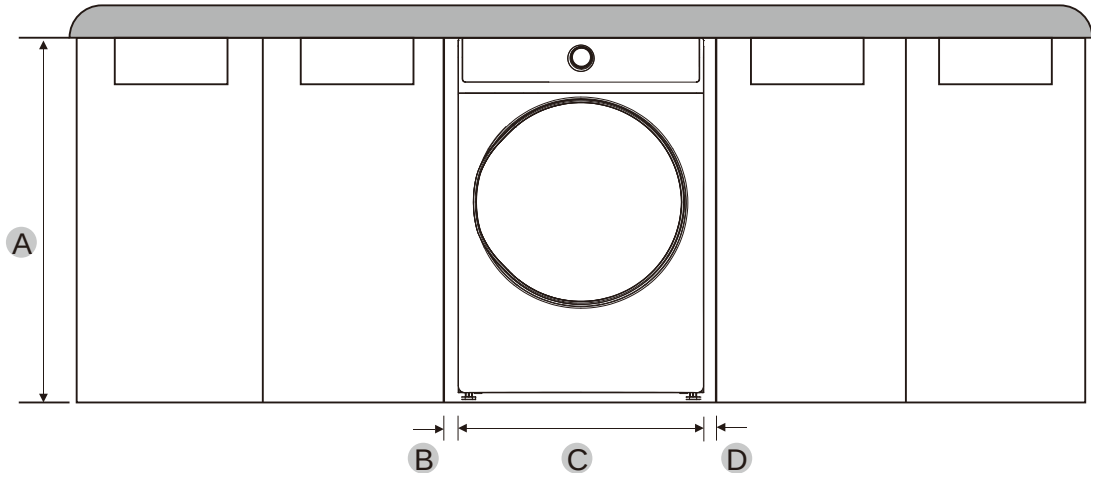
Alcove or closet or wall insert/recessed installations
-The dryer must be exhausted to the outside to reduce the risk of fire when installed any place inside the house.
-No other fuel-burning appliance should be installed in the same closet as the dryer.
Minimum clearances between the dryer and adjacent walls or other surfaces :

Sides	1 in. (25mm)	Rear	5 in.(127mm)
Top	24 in.(610mm)	Closet front	2 in.(51mm)



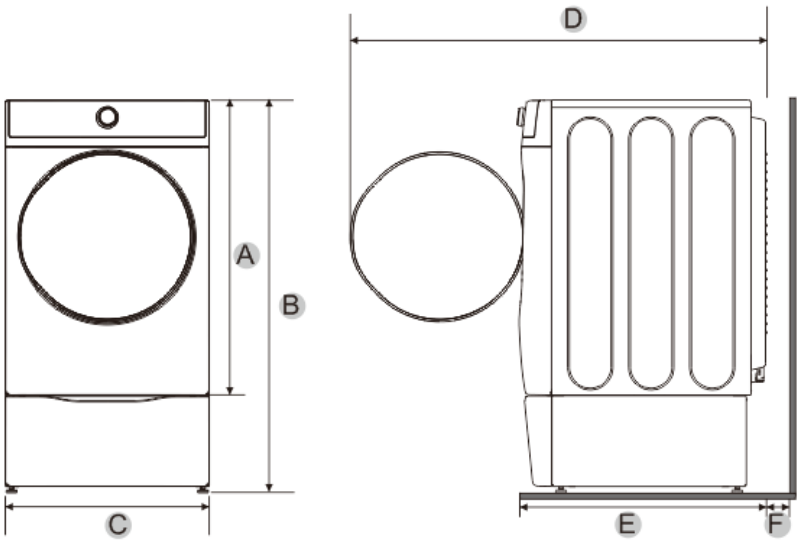
A	1 in. (25mm)	C	24 in.(610mm)	E	33.7 in.(855mm)
B	27 in.(686mm)	D	2 in.(51mm)	F	5 in.(127mm)

Undercounter installation



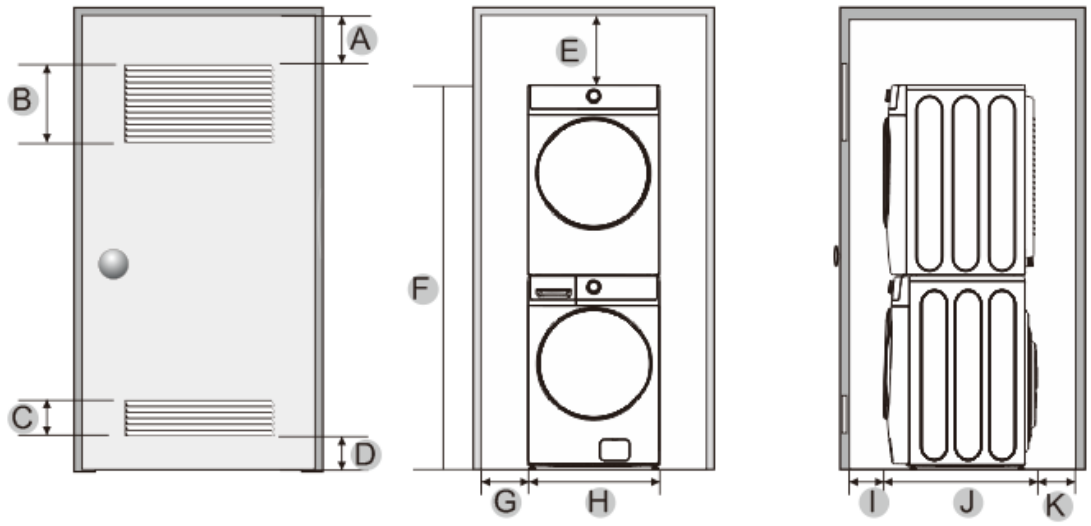
A	39.8 in. (1010mm)	C	27 in.(686mm)
B	1in.(25mm)	D	1 in.(25mm)

Installation with pedestal



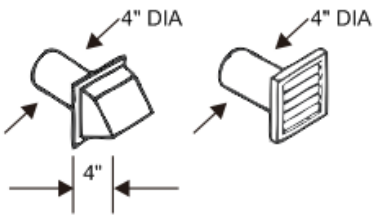
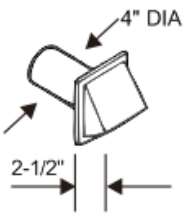
A	39 in. (991mm)	C	27 in.(686mm)	E	33.7 in.(855mm)
B	51.9 in.(1317mm)	D	55.2 in.(1402mm)	F	5 in.(127mm)

Installation with stacked washing machine and dryer



A	3 in. (76mm)	E	6 in.(152mm)	I	3 in.(76mm)
B	48 in.² (31000mm²)	F	79 in.(2007mm)	J	33.7 in.(855mm)
C	24 in.² (15500mm²)	G	1 in.(25mm)	K	8 in.(203mm)
D	3 in. (76mm)	H	27 in.(686mm)		

3.2 Ducting requirements

	Recommended	Use only for short-run installation
Weather Hood Type	 4 inch. (10.2 cm)	 2.5 inch. (6.4 cm)
No. of 90° elbows	Rigid Metallic	Rigid Metallic
0	90 ft. (27.4m)	60 ft. (18.3m)
1	60 ft. (18.3m)	45 ft. (13.7m)
2	45 ft. (13.7m)	35 ft. (10.7m)
3	35 ft. (10.7m)	25 ft. (7.6m)

If this new dryer is installed into an existing exhaust system you must make sure:

- The exhaust system meets all local, state, and national codes.
- That a flexible plastic duct is not used.
- To inspect and clean all lint buildup from inside the existing duct.

- The duct is not dented or crushed.
- The exhaust hood damper opens and closes freely.

Manometer measurements

The static pressure in any exhaust system for best results shall be between 0.3 to 0.8 inches of water column, and cannot be less than 0 under any circumstances. with installed duct of 4 inch diameter. Measurement must be done with the empty dryer working with a manometer at the point where the exhaust duct connects to the dryer.
A no-heat setting should be used. Lint filter must be clean.

The correct exhaust installation is YOUR RESPONSIBILITY.

1. Use a 4-inch (10.2cm) diameter rigid aluminum or rigid galvanized steel duct.
2. Do not use a smaller duct.
3. Ducts larger than 4 inches (10.2cm) in diameter can result in increased accumulation of lint.
4. Lint should be removed regularly.
5. If a flexible metal duct must be used, use the type with a stiff sheet metal wall. Do not use a flexible duct with a thin foil wall. A serious blockage can result if the flexible metal duct is bent too sharply.
6. Never install any type of flexible duct in walls, ceilings, or other concealed spaces.
7. Keep the exhaust duct as straight and short as possible.
8. Secure joints with duct tape. Do not use screws.
9. Plastic flexible ducts can kink, sag, be punctured, reduce airflow, extend drying times, and affect the dryer operation.
10. Exhaust systems longer than recommended can extend drying times, affect machine operations, and collect lint.
11. The exhaust duct should end with an exhaust hood with a swing-out damper to prevent back drafts and entry of wildlife. Never use an exhaust hood with a magnetic damper.
12. The hood should have at least 12 inches (30.5cm) of clearance between the bottom of the hood and the ground or other obstruction. The hood opening should point down.
13. Never install a screen over the exhaust outlet.
14. To avoid lint buildup, do not exhaust the dryer directly into a window well. Do not exhaust under a house or porch.
15. If the exhaust duct must run through an unheated area, the duct should be insulated and slope slightly down towards the exhaust hood to reduce condensation and lint buildup.
16. Inspect and clean the interior of the exhaust system at least once a year. Unplug the power cord before cleaning.
17. Check frequently to make sure the exhaust hood damper opens and closes freely.
18. Check once per month, and clean at least once per year. Note: If your clothes are not getting dry, then check the ducting for obstructions.
19. Do not exhaust the dryer into a wall, ceiling, crawl space, or concealed space of a building, gas vent, or any other common duct or chimney. This could create a fire hazard from the lint expelled by the dryer.
20. Do not use non-metallic flexible duct.
21. To reduce the risk of fire, this dryer **must be exhausted outdoors.**

3.3 Exhausting requirements

WARNING

- The dryer shall not be exhausted into a chimney, a wall, a ceiling, an attic, a crawl space, or a concealed space of a building.
- The dryer must be exhausted to the outside to reduce the risk of fire when installed in alcove or closet.

Exhausting the dryer to the outside will prevent large amounts of lint and moisture from being blown into the room.

- NEVER USE A PLASTIC OR NON-METAL FLEXIBLE DUCT
- If your existing ductwork is plastic, non-metal, or combustible, replace it with metal.
- Use only a metal exhaust duct that is non-flammable to ensure containment of the exhaust air heat, and lint.

- Refer to the “Ducting requirements” section on page 8 for the maximum duct length and number of bends.
- All dryers must be exhausted to the outside.
- Do not assemble the duct with screws or other fastening means that extend into the duct and catch lint.
- The exhaust duct should be 4 inches (102mm) in diameter.
- The total length of flexible metal duct shall not exceed 7.8 feet (2.4 meters).

For usage in United States:

- Use only those foil-type flexible ducts, if any, specifically identified for use with the appliance by the manufacturer and that comply with the outline for Clothes Dryer Transition Ducts, Subject 2158A, shall be used.

For usage in Canada:

- Use only those foil-type flexible ducts, if any, specifically identified for use with the appliance by the manufacturer.

For usage outside the U.S. and Canada:

- Refer to the local codes.

3.4 Gas requirements

Use only natural or LP (liquid propane) gases.

THE INSTALLATION MUST CONFORM WITH LOCAL CODES, OR IN THE ABSENCE OF LOCAL CODES, WITH THE NATIONAL FUEL GAS CODE, ANSI Z223.1/NFPA 54, LATEST REVISION (FOR THE UNITED STATES), OR THE NATURAL GAS AND PROPANE INSTALLATION CODE, CSA B149.1, LATEST REVISION (FOR CANADA).

Gas dryers are equipped with a burner vent for use with natural gas. If you plan to use your dryer with LP (liquid propane) gas, it must be converted for safe and proper performance by a qualified service technician.

A ½" (1.27cm) gas supply line is recommended and must be reduced to connect to the 3/8" (1cm)

gas line on your dryer. The National Fuel Gas Code requires that an accessible, approved manual gas shut-off valve be installed with 6" of your dryer.

Gas dryers installed in residential garages must be raised 18" (46cm) above the floor.

Additionally, a 1/8" (0.3cm) N.P.T. (National Pipe Thread) plugged tapping, accessible for test gauge connection, must be installed immediately upstream of your dryer ’s gas supply connection.

Your dryer must be disconnected from the gas supply pipe system during any pressure testing of the system.

This dryer must be connected to the gas supply piping with a listed flexible gas connector that complies with the standard for connectors for gas appliances, ANSI Z21.24

or CSA 6.10.

DO NOT reuse old flexible metal gas lines. Flexible gas lines must be design certified by the American Gas Association (CGA in Canada).

- Any pipe joint compound used must be resistant to the action of any liquefied petroleum gas.
- As a courtesy, most local gas utilities will inspect a gas appliance installation.

GAS IGNITION - Your dryer uses an automatic ignition system to ignite the burner.

There is no constant burning pilot.

COMMONWEALTH OF MASSACHUSETTS INSTALLATION INSTRUCTIONS

Your dryer must be installed by a licensed plumber or gas fitter. A “T” handle manual gas valve must be installed in the gas supply line to installed dryer at location of operation.

If a flexible gas connector is used to connect dryer, the connector may not be longer than 3' (36", 91.5cm).

WARNING

- Gas leaks may occur in your system, creating a dangerous situation.
- Gas leaks may not be detected by smell alone.
- Gas suppliers recommend that you purchase and install a UL-approved gas detector.
- Install and use it in accordance with the manufacturer ’s instructions.

3.5 Electric requirements

The wiring diagram is located on the back board of the unit.

- The improper connection of the equipment grounding conductor can result in the risk of electric shock. Check with a qualified electrician or serviceman if you are in doubt as to whether your dryer is properly grounded. Do not modify the plug provided with your dryer - if it doesn't fit the outlet, have a proper outlet installed by a qualified electrician.
- To prevent unnecessary risk of fire, electrical shock, or personal injury, all wiring and grounding must be done in accordance with local codes, or in the absence of local codes, with the National Electrical Code, ANSI/NFPA No. 70 - Latest Revision (for the U.S.) or the Canadian Electrical Code CSA C22.1 - Latest Revisions and local codes and ordinances. It is your responsibility to provide adequate electrical services for your dryer.
- All gas installations must be done in accordance with the National Fuel Code ANSI/Z2231 - Latest Revision (for the U.S.) or CAN/CGA - B149 Installation Codes - Latest Revision (for Canada) and local codes and ordinances.

Electrical connections

An individual branch (or separate) circuit serving only your dryer is recommended. DO NOT USE AN EXTENSION CORD.

Gas models - U.S. and Canada

A 120Volt, 60Hz AC approved electrical service, with a 15 ampere fuse or circuit breaker is required.

Electric models - U.S. only

The dryers require a 120/240 volt, 60Hz AC approved electrical service.
The electric service requirements can be found on the data label located behind the door.
A 30-amperefuse or circuit breaker on both sides of the line is required.

- If a power cord is used, the cord should be plugged into a 30-ampere receptacle.
- The power cord is NOT provided with U.S. electric model dryers.

RISK OF ELECTRIC SHOCK:

Wh When local codes allow, the electrical supply of the dryer may be connected by means of a new power supply cord kit, marked for use with a dryer, that is UL listed and rated at a minimum of 120/240 volts, 30-ampere with three No. 10 copper wire conductors terminated with closed loop terminals, open-end spade lugs with turned up ends, or with tinned leads.

- Do not reuse a power supply cord from an old dryer. The power cord electric supply wiring must be retained at the dryer cabinet with a suitable UL-listed strain relief.
- Grounding through the neutral conductor is prohibited for (1) new branch-circuit installations, (2) mobile homes, (3) recreational vehicles, and (4) areas where local codes prohibit grounding through the neutral conductor. (Use a 4-prong plug for 4 wire receptacles, NEMA type 14-30R.)

Electric models - Canada only

- A 120/240 volt, 60Hz AC approved electrical service fused through a 30-ampere fuse or circuit breaker on both sides of the line is required.
- All Canadian models are shipped with the power cord attached. The power cord should be plugged into a 30-ampere receptacle.

3.6 Grounding

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.

Gas models

- This appliance is 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.
- Never connect the ground wire to the plastic plumbing lines, gas lines, or hot water pipes.

Electric models

- For products sold in the U.S., your dryer has an optional cord with an equipment-grounding conductor and a grounding plug, which is sold separately.
  For products sold in Canada, your dryer is 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.
- If a power cord is not used and the electric dryer is to be permanently wired, 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.

WARNING

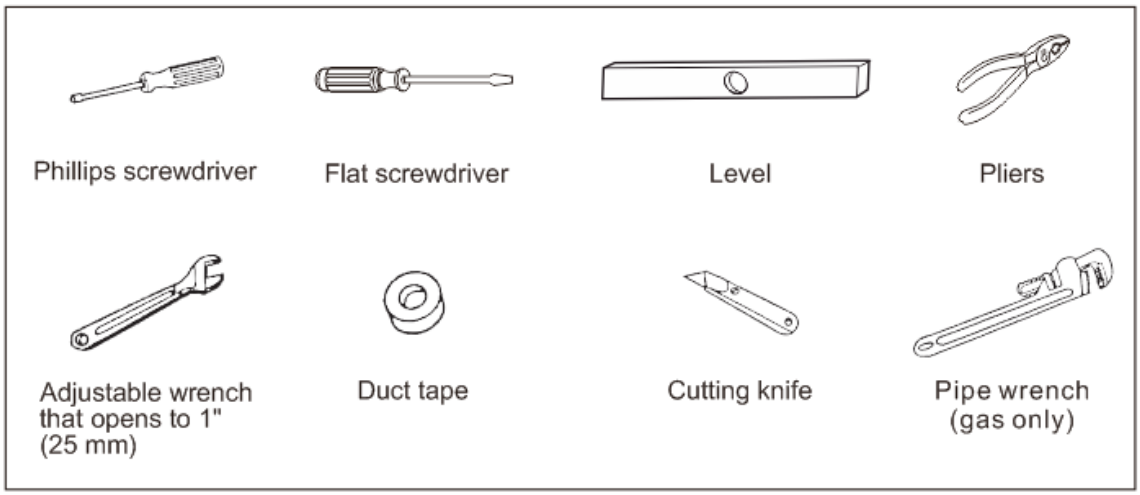
-Improper connection of the equipment-grounding conductor can result in a risk of electric shock. Check with a qualified electrician or service representative or personnel, if you are in doubt as to whether the appliance is properly grounded.

-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: inlet valve, control board and temperature-regulating thermistor (located on blower housing).

3.7 Tools needed in installation

Tools needed:



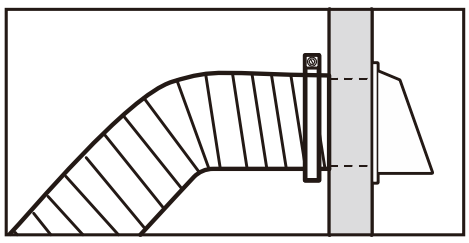
3.8 Installation steps

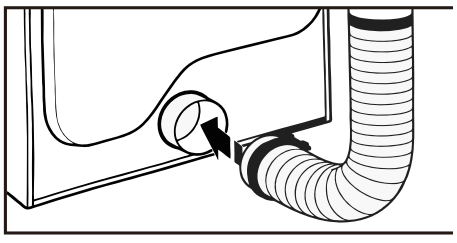
STEP 1 Choose the proper location

1. Move your dryer to an appropriate location for the installation. Consider installing the dryer and washer side-by-side, to allow access to the gas, electrical, and exhaust connections. Place two of the carton cushion-tops on the floor. Tip your dryer on its side so it lies across both cushion-tops.
2. Set your dryer back in an upright position.

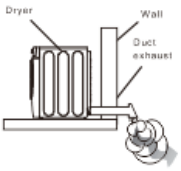
STEP 2 Install the exhaust system

1. Review the “Exhausting requirements” section before installing the exhaust system.
2. Install the ductwork from your dryer to the exhaust hood. The crimped end of the duct sections must point away from your dryer.
3. DO NOT use sheet metal screws when assembling the ducting.
4. These joints should be taped.
5. Never use plastic flexible exhaust material.
6. Tip for tight installations: install a section of the exhaust system onto your dryer before putting it in place.
7. Use duct tape to secure this section to your dryer, but do not cover the ventilation slots at the back of the unit in dryer cabinet.

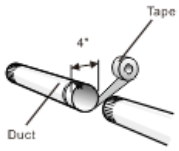




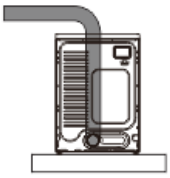
Make sure your dryer is installed properly so it exhausts air easily.



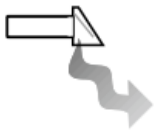
Use a 4 inch. (10.2cm) diameter rigid metal duct. Tape all joints, including at the dryer. Never use lint-trapping screws.



Keep ducts as straight as possible.



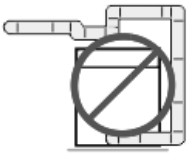
Clean all old ducts before installing your new dryer. Be sure the vent flap opens and closes freely. Inspect and clean the exhaust system annually.



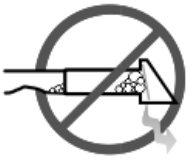
DO NOT restrict your dryer with a poor exhaust system.

DO NOT use a plastic, thin foil, or non-metal flexible duct.

DO NOT use unnecessarily long ducts that have many elbows.



DO NOT use dented or clogged ducts and vent.



STEP 3 Connect the gas line (For gas models)

Review the “Gas requirements” section. Remove the pipe thread protective cap.

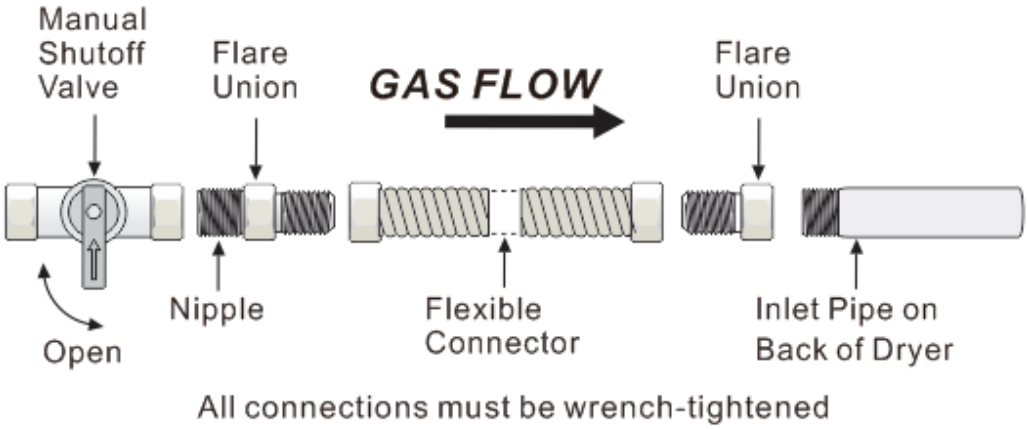
Apply a pipe joint compound or about 1 ½” wraps of teflon tape over all threaded connections.

- The pipe joint compound must be resistant to the actions of any liquefied petroleum gas.

Connect the gas supply to your dryer. An additional fitting is required to connect the 3/4" (1.9cm) female thread end of a flexible connector to the 3/8" (1cm) male threaded end on the dryer.

Securely tighten the gas line fitting over the threads.

Turn on the gas supply.



WARNING

1.All gas installations of the dryer must be equipped with Manual Shut-Off valve.

2.Uncoated copper tubing will corrode when subjected to natural gas, causing gas leaks. Use ONLY black iron, stainless steel, or plastic-coated brass piping for gas supply.

3.Check all gas connections for leaks using a soap solution.

4.If bubbles appear, tighten the connections and recheck. DO NOT use an open flame to check for gas leaks.

STEP 4 Connect the electrical wiring

Review the “Electric requirements” section.

BEFORE OPERATING OR TESTING, follow the grounding instructions in the “Grounding” section.

Three wire outlet

3-Wire receptacle (10-30R)

Then choose a 3-wire power supply cord with ring or spade terminals and UL listed strain relief. The 3-wire power supply cord, at least 4 ft. (1.22 m) long, must have 3 10-gauge solid copper wires and match a 3-wire receptacle of NEMA Type 10-30R.

3-Wire system connections

1. Remove the center terminal block screw.
2. Connect the neutral wire (white or center wire) of the power cord to the center terminal screw of the terminal block. Be sure to cross the screw through the ring of the power cord terminal and tighten the screw.
3. Connect the other wires to the outer terminal block screws. Be sure to cross the screw through the terminal ring and tighten the screw.
4. Tighten the strain relief screws.
5. Insert the tab of the terminal block cover into your dryer’s rear panel slot. Secure the cover with a screw.

3-wire system instructions:

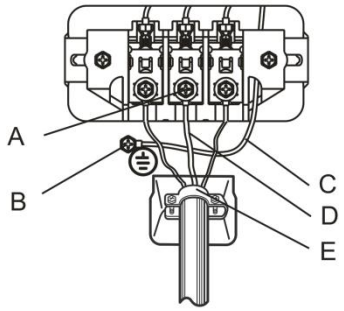
A. Center terminal block screw

B. external ground connector

C. Neutral grounding wire (White)

D. Neutral wire (white or center wire)

E. 3/4" (1.9cm) UL-listed strain relief



-If converting from a 4-wire electrical system to a 3-wire, the ground strap must be reconnected to the terminal block support to ground the dryer frame to the neutral conductor.

-Ring-type terminals are recommended. If using strap terminals, make sure they are tightened.

Four wire outlet

4-Wire receptacle (14-30R)

Then choose a 4-wire power supply cord with ring or spade terminals and UL listed strain relief. The 4-wire power supply cord, at least 4 ft. (1.22 m) long, must have 4 10-gauge solid copper wires and match a 4-wire receptacle of NEMA Type 14- 30 R. The ground wire (ground conductor) may be either green or bare. The neutral conductor must be identified by a white color.

4-Wire system connections

1. Remove the center terminal block screw.
2. Connect the ground wire (green or unwrapped) of the power cord to the external ground conductor screw.
3. Connect the neutral wire (white or center wire) of the power cord and the appliance ground wire (white) under the center screw of the terminal block. Be sure to cross the screw through the ring of the power cord terminal and tighten the screw.
4. Connect the other wires to the outer terminal block screws. Be sure to cross the screw through the terminal ring and tighten the screw.
5. Tighten the strain relief screws.
6. Insert the tab of the terminal block cover into your dryer's rear panel slot. Secure the cover with a screw.

4-wire system instructions:

IMPORTANT: Ring-type terminals are recommended. If using

A. Center terminal block screw

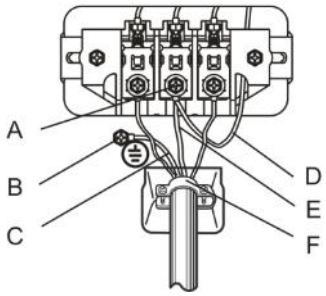
B. External ground connector

C. Green or bare copper wire of the power cord

D. Neutral grounding wire (White)

E. Neutral wire (white or center wire)

F. 3/4" (1.9cm) UL-listed strain relief



Electrical Shock Hazard

All U.S. models are produced for a 3-WIRE SYSTEM CONNECTION.

The dryer frame is grounded to the neutral conductor at the terminal block.

A 4-WIRE SYSTEM CONNECTION is required for new or remodeled construction, mobile homes, or if local codes do not permit grounding through neutral conductor.

If the 4-wire system is used, the dryer frame cannot be grounded to the neutral conductor at the terminal block. Refer to the "Electric requirements" section for 3-WIRE or 4-WIRE SYSTEM CONNECTIONS.

Remove the terminal block cover plate.

Insert the power cord with a UL-listed strain relief through the hose provided in the cabinet near the terminal block.

- A strain relief must be used.

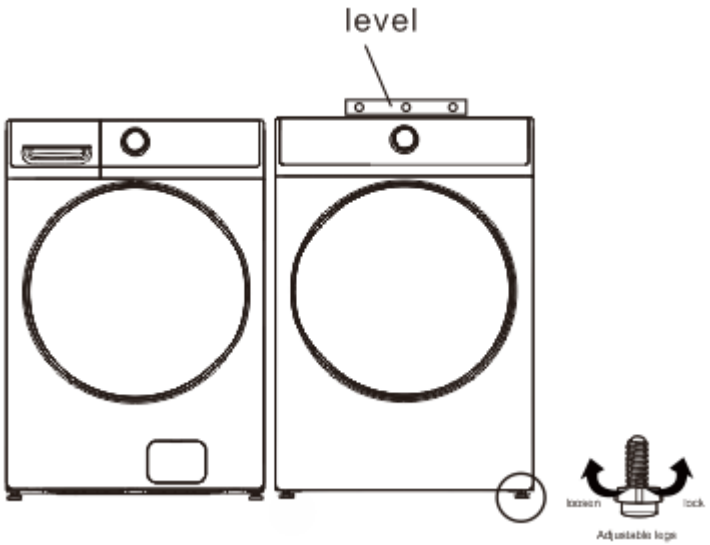
Do not loosen the nuts already installed on the terminal block. Be sure they are tight.

Use a 3/8" (1cm) deep well socket.

STEP 5 Level the dryer

To ensure that the dryer provides the optimal drying performance, it must be leveled. To minimize vibration, noise, and unwanted movement, the floor must be a perfectly level, solid surface.

- Adjust the leveling feet only as much as necessary to level the dryer. Extending the leveling feet more than necessary can cause the dryer to vibrate.



STEP 6 Power on

Make sure all gas connections (Gas Models only), exhaust and electrical connections are complete. Plug in your dryer.

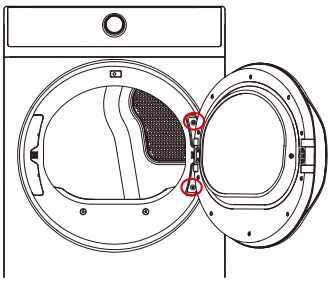
STEP 7 Final check

- Make sure the dryer is plugged into an electrical outlet and is properly grounded.
- The exhaust ductwork is hooked up and the joints are taped.
- A plastic flexible duct in NOT used.
- Use rigid or stiff-walled flexible metal vent material.
- The dryer is leveled and is sitting firmly on the floor.
- Gas models - the gas is turned on with no gas leakage.
- Start your dryer to confirm that it runs, heats, and shuts off.

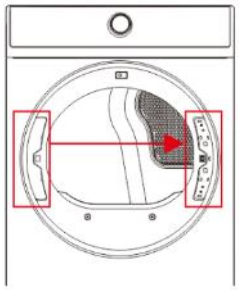
WARNING

The burner may not ignite initially due to air in the gas line. Allowing your dryer to operate on a heat setting will purge the line. If the gas does not ignite within 5 minutes, turn your dryer off and wait 5 minutes. Be sure the gas supply to your dryer has been turned on. In order to confirm the gas ignition, check the exhaust for heat.

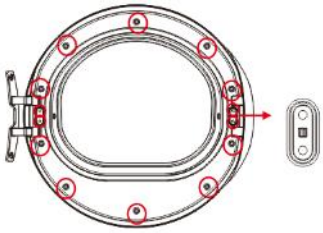
3.9 Door reversal



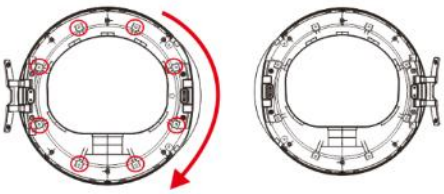
1. Unplug the power cord.
2. Remove the two hinge screws from the door.
3. Remove the door by lifting it.



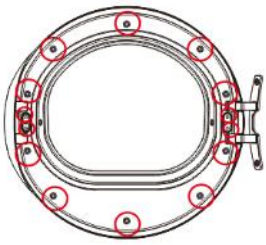
4. Remove the cover-hinge.
5. Assemble the cover-hinge on the opposite side.
   Use to remove cover-holder, cover-hinge with flat screw driver.



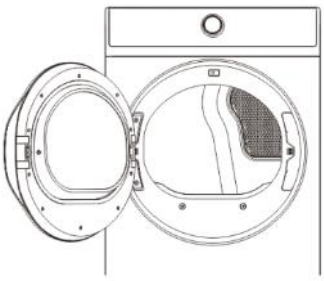
6. Remove the 14 screws from the back cover back and then remove the back cover and the door pin.



7. Remove the 8 screws from the inner door and rotate the rest parts for 180 degrees.



8. Assemble the inner door and the back cover, place the door pin on the opposite side and then fasten the 14 screws that removed in step 6.



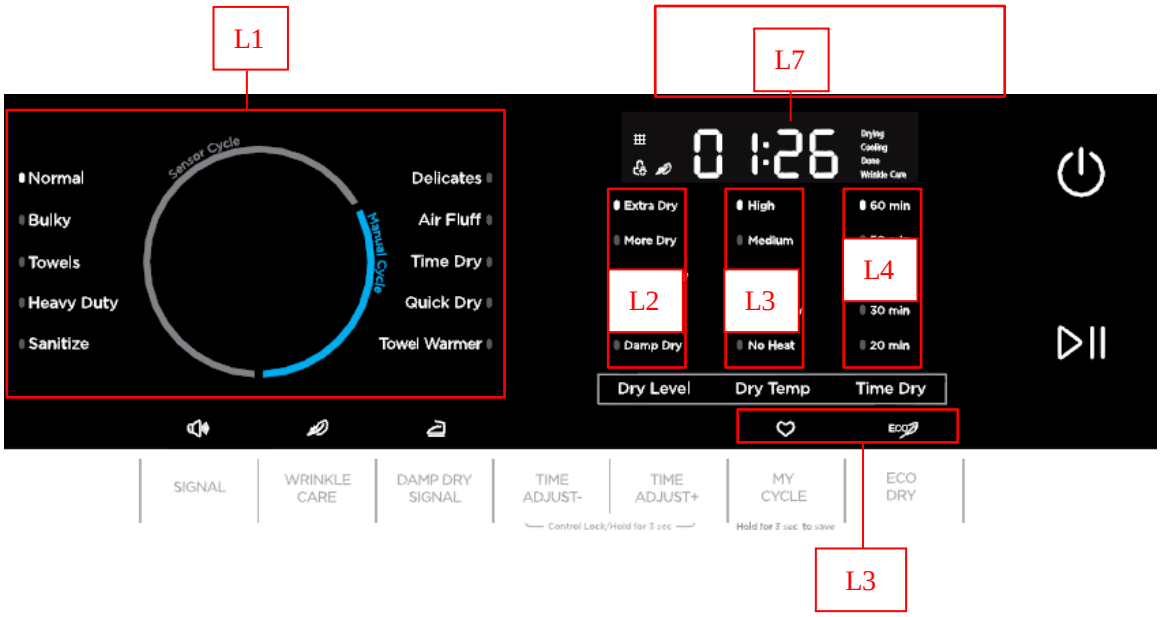
9. Install the door on the frame-front and then fasten the 4 screws that removed in step 2.

4. TROUBLE SHOOTING

4.1 Test mode by Control

Make sure the door are closed, press [Time Adjust+] and [Wrinkle Care] at the same time within 3s after press [Power], then unit will go into test mode, scree will show St.

4.2 Test modes



1. Press [Start], screen will show 01, after 0.5s, the screen will circularly show item number, main version number，display version number, and touch version number.

2. Press [Start] again, screen shows 02, turn the knob to right or left to check it. Every time you turn knob, L1 state light will change accordingly, light on or off.

3. Press [Start] again, screen will show 03, unit will go into key checking mode:
   -Press [SIGNAL], screen will show 22, “SIGNAL” lights up;
   -Press [WRINKLE CARE], screen will show 33, “WRINKLE CARE ” lights up;
   -Press [DAMP DRY SIGNAL], screen will show 44, “DAMP DRY SIGNAL” lights up;
   -Press [TIME ADJUST-], screen will show 55;
   -Press [TIME ADJUST+], screen will show66;
   -Press [MY CYCLE], screen will show 77,“MY CYCLE” lights up;
   -Press [ECO DRY], screen will show 88, “ECO DRY” lights up;
   -Press [Dry Level], screen will show AA, L2 light up;

-Press [Dry Temp], screen will show BB, L3 light up;
-Press [Time Dry], screen will show CC, L4 light up;

4. Press [Start] again, screen will show 04, temperature control sensor test. If the sensor error, error code “E5” will show up, or the screen will show current temp. The Temp sensor is mounted on the volute assy.

5. Press [Start] again, screen will show 05, motor starts.

6. Press [Start] again, screen will show 06, heating test , after 1min, if there is temperature in tub, there is no problem, otherwise please refer to the trouble shooting.

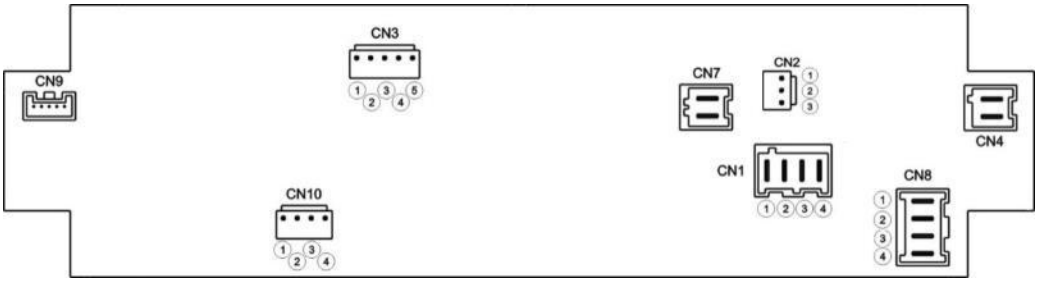
7. Press [Start] again, screen will show Ed, and test modes end.

8. Press [Power] to exit the test mode.

4.3 Error codes and corrective actions

Fault Code	Category	Description	Debounce	When Checked	Criteria	Action After Fault Debounced
E4	Sensor	Humidity Error		Run	Control will run whole cycle with cycle default setting, and don’t need dry the cloth with humidity sensor, just use timed drying.	Will run current cycle without fault, log this error code at the end of cycle if EEPROM is aviable or display it at the end of cycle
E5	Sensor	Outlet Temperature Sensor Error	2 sec	Run	A/D Reading under 10(open) or over1000 (short)	1) heater off 2) Motor off 3) Go to Fault state
C9		Communication error	110sec	Run		1) heater off 2) Motor off 3) Go to Fault state

4.4 Wiring diagram and terminals



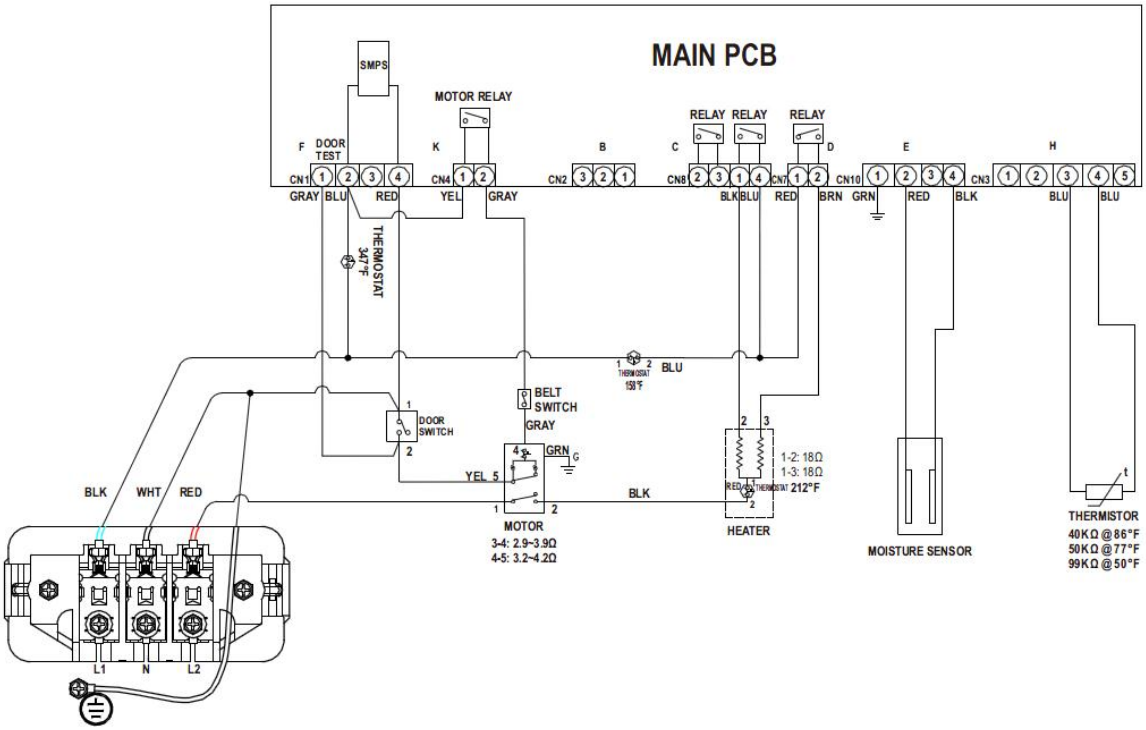
ELECTRIC MODEL

CN1	①	DOOR SWITCH
	②	L
	③	/
	④	N
CN2	①	/
	②	/
	③	/
CN3	①	TEMP_OUT
	②	TEMP_OUT
	③	TEMP_IN
	④	TEMP_IN
	⑤	/
CN4	①	MOTOR
	②	MOTOR
CN7	①	HEATER 1
	②	HEATER 1
CN8	①	HEATER 2
	②	/
	③	/
	④	HEATER 2
CN9	①	12V
	②	5V
	③	GND
	④	TXD
	⑤	RXD
CN10	①	HUM-
	②	HUM-
	③	/
	④	HUM+

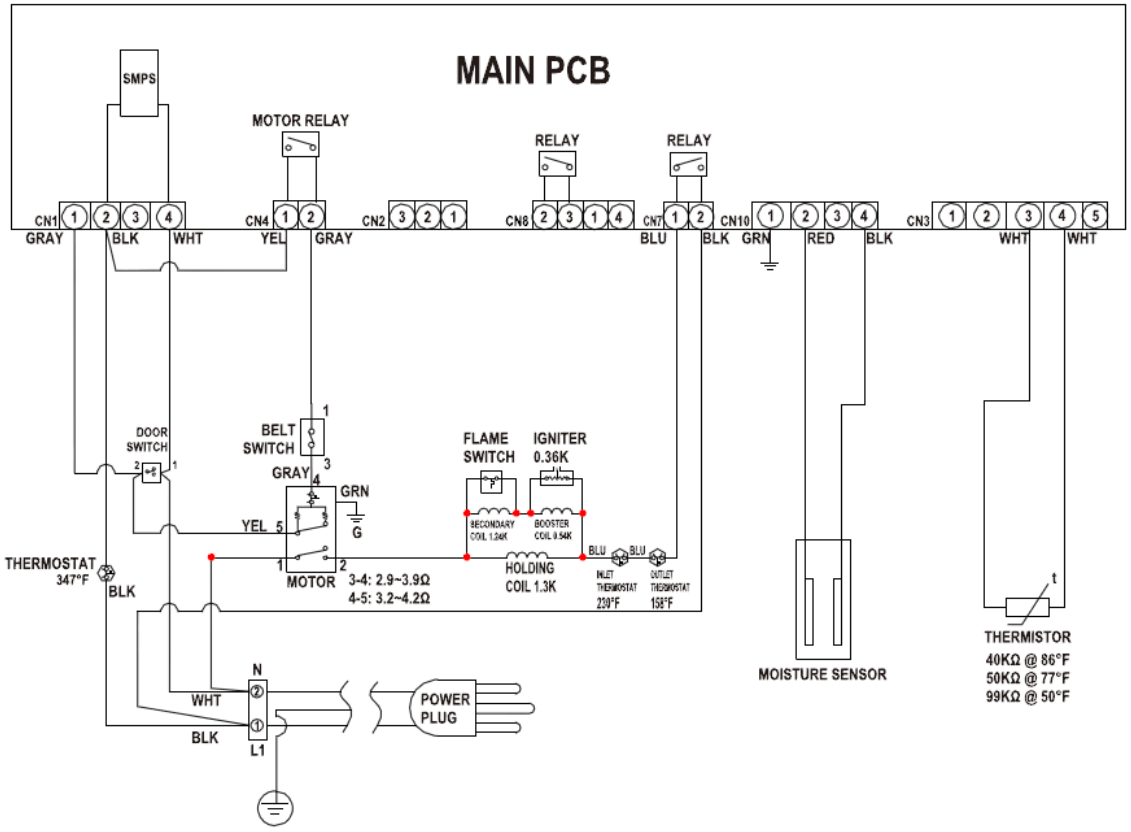
GAS MODEL

CN1	①	DOOR SWITCH
	②	L
	③	/
	④	N
CN2	①	/
	②	/
	③	/
CN3	①	TEMP_OUT
	②	TEMP_OUT
	③	TEMP_IN
	④	TEMP_IN
	⑤	/
CN4	①	MOTOR
	②	MOTOR
CN7	①	GAS HEATER
	②	GAS HEATER
CN8	①	/
	②	/
	③	/
	④	/
CN9	①	12V
	②	5V
	③	GND
	④	TXD
	⑤	RXD
CN10	①	HUM-
	②	HUM-
	③	/
	④	HUM+

ELECTRIC MODEL:



GAS MODEL:

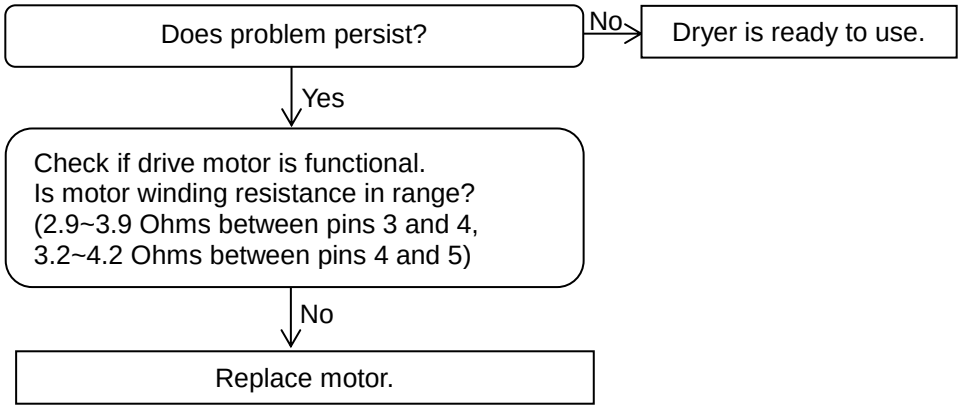


4.5 Troubleshooting

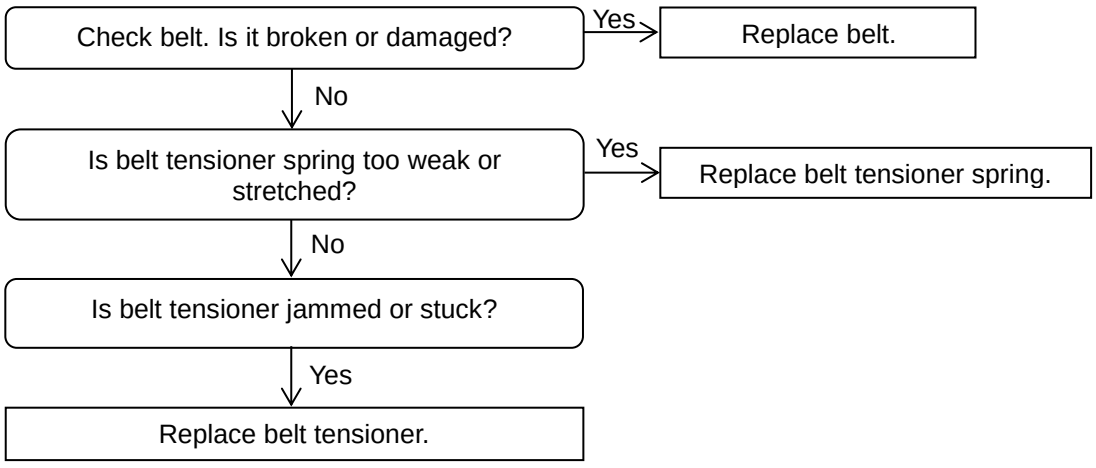
Dryer does not start or run

Perform the following checks in given order to identify the issue. If fault found in any step, repair it:

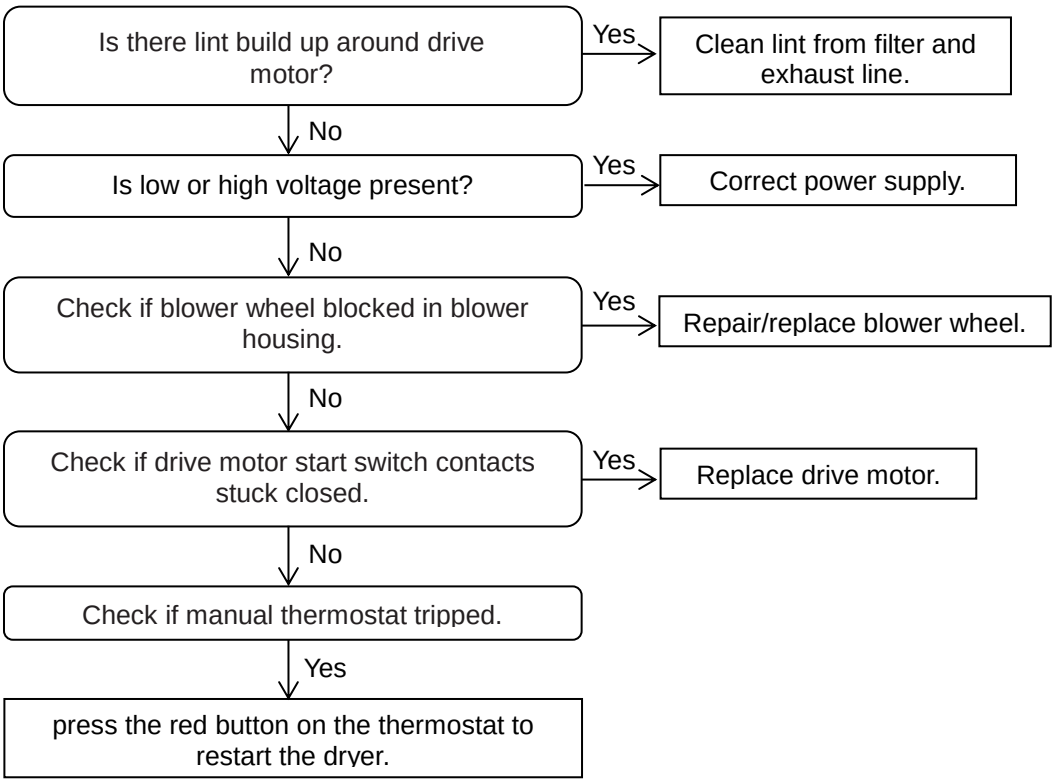
1. Check if all wires are connected to their corresponding terminals.
2. Check if dryer is plugged in.
3. Look for any blown fuse or circuit breaker.
4. Check if door switch is functional when door is closed.
5. Check if Start/Pause button and rotary selector dial are functional.
6. Check if main PCB is functional.
7. Check if belt is slipped off or broken, or belt safety switch is functional.



Motor runs but drum does not rotate



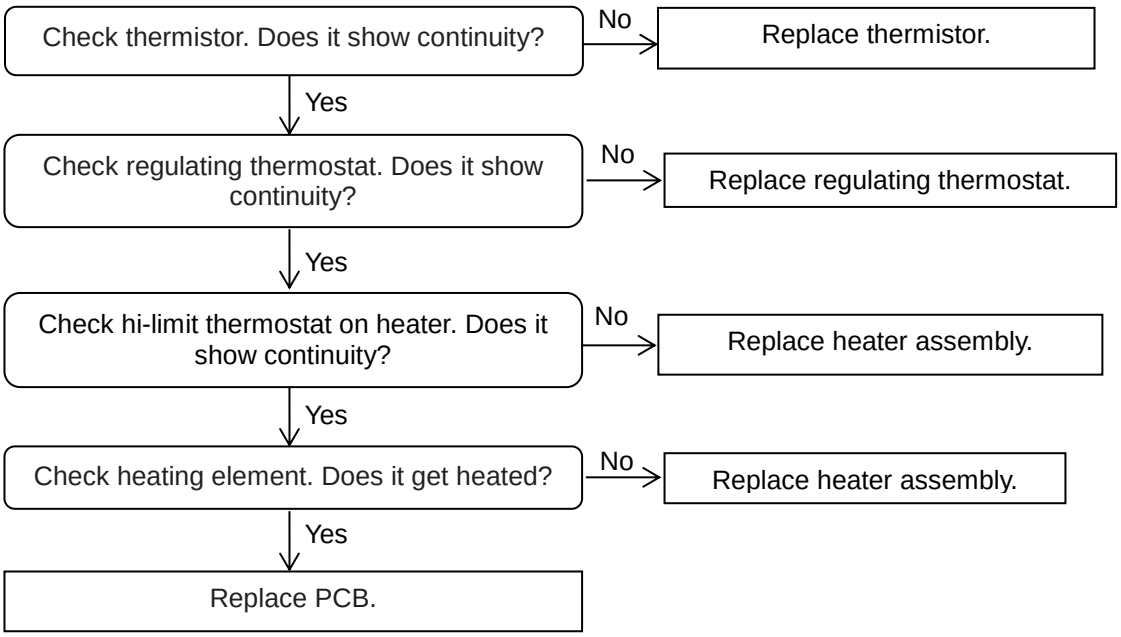
Runs for a few minutes and then stops



Dryer not heating (motor runs)

Perform the following checks in given order to identify the issue. If fault found in any step, repair it:

1. Select a program other than Air fluff and the Temp selection is not on “No heat”
2. On a gas dryer, check that the gas supply is on.
3. Clean the lint filter and exhaust duct.
4. Check if the dryer moved into the cool-down process of the cycle.
5. If the heater doesn’t heat, check follow these steps.



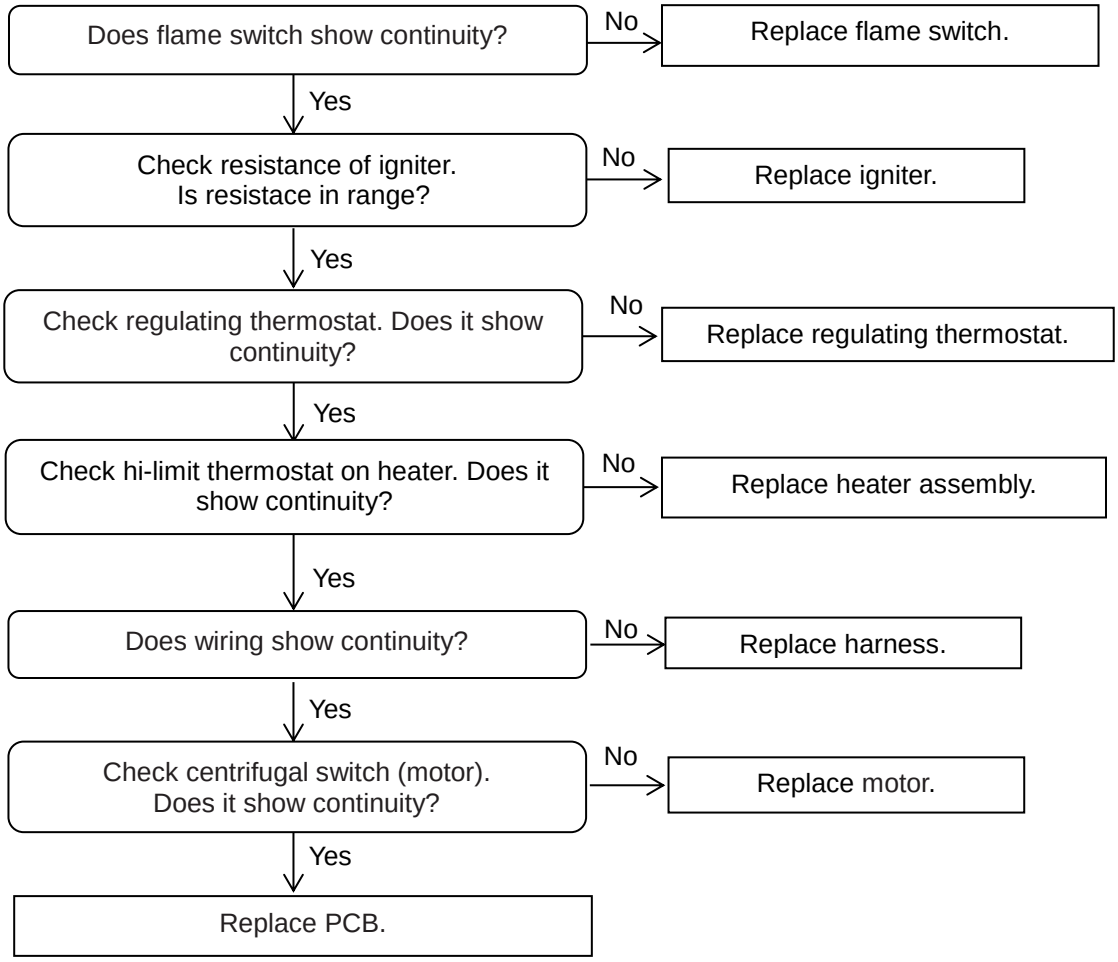
Not drying (gas model) - Poor gas ignition

When dryer is operated in a heat setting, the igniter is energized at 120 VAC and flame appears in the burner within 45 seconds. Failure of any component in this system is usually indicated by one of the three symptoms given below:

1) Igniter does not spark

Turn off power supply.

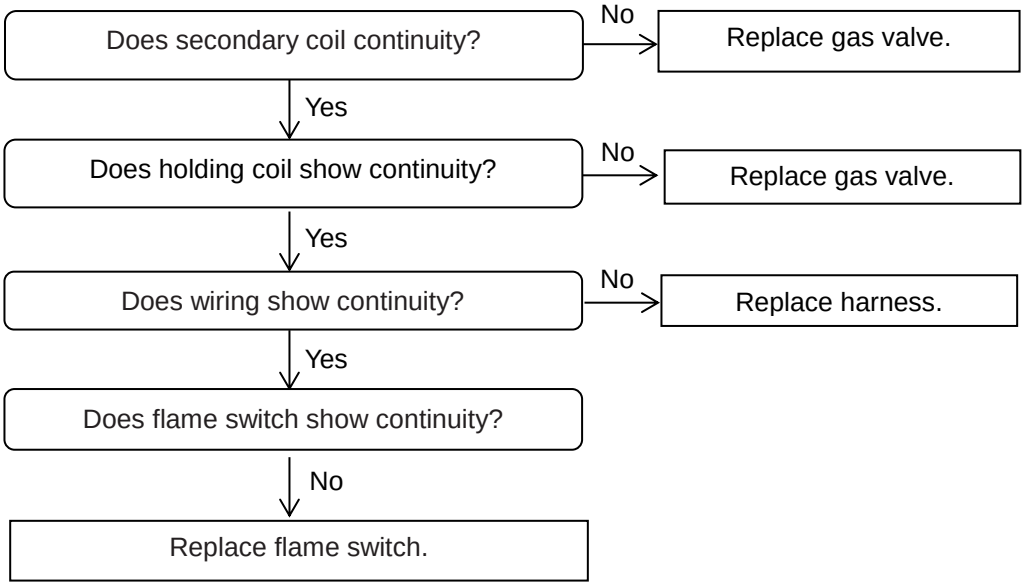
Using an ohmmeter, check the following.



2) Igniter sparks but no gas ignition

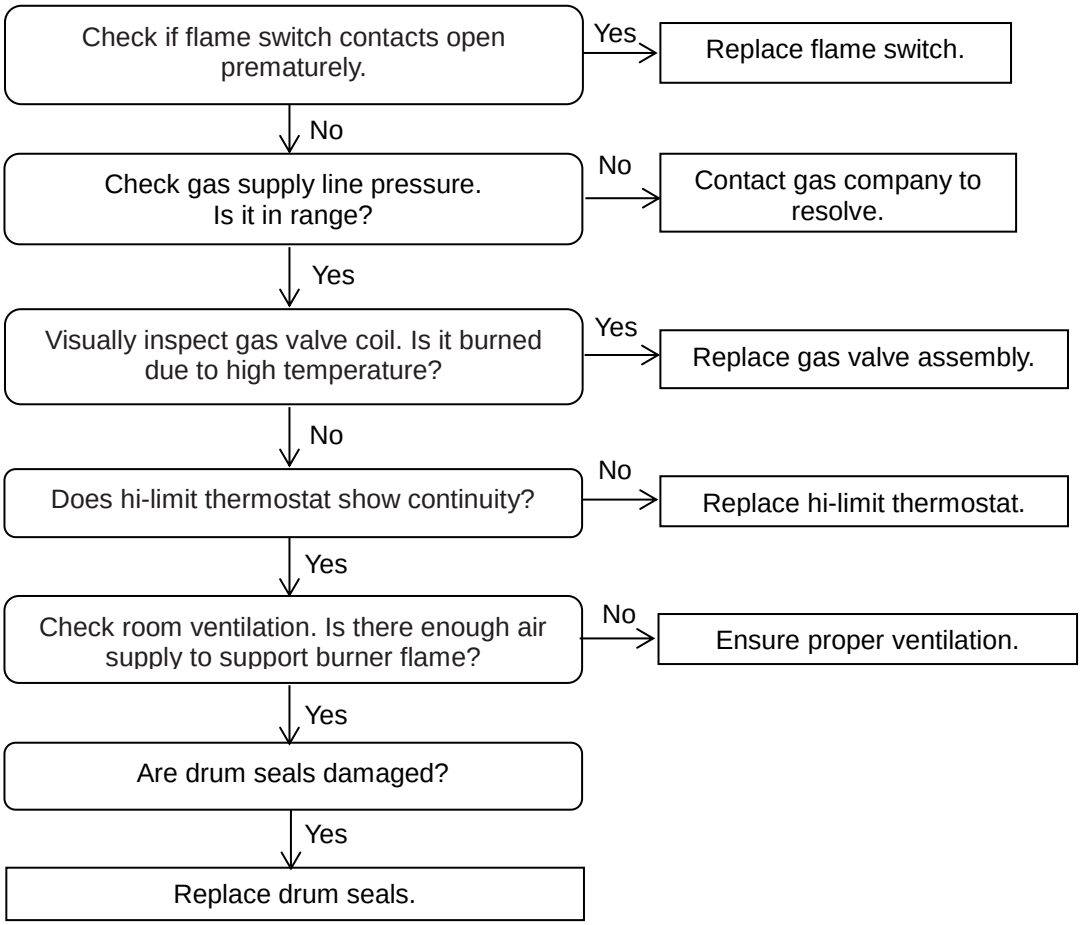
Turn off power supply.

Using an ohmmeter, check the following:

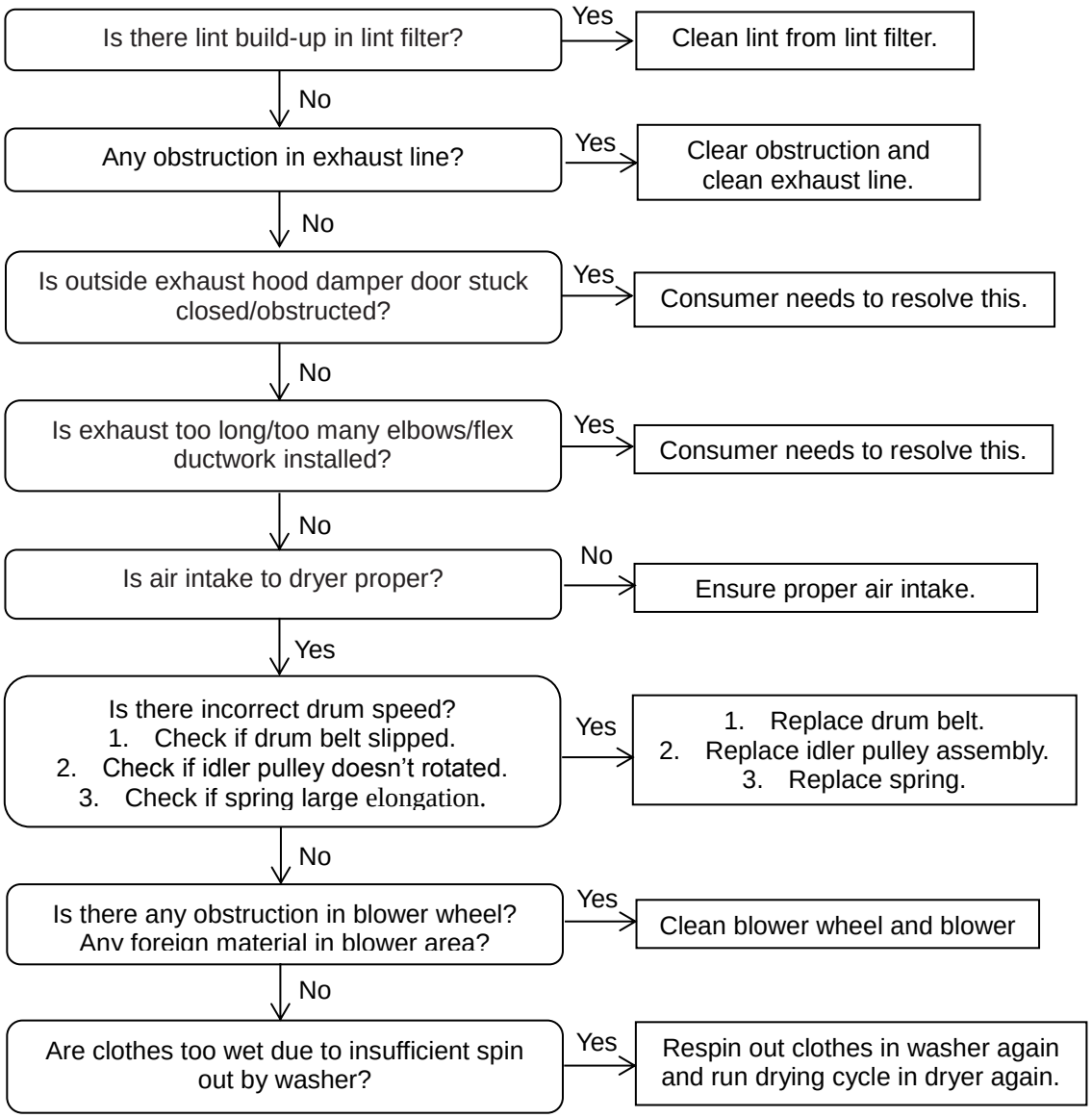


3) Gas ignited but flame goes off

If a normal ignition takes place and after a short while the flame goes out, check the following:



Long dry time



Too much noise and/or vibration

Noise Type	Corrective Action
Thumping	Check for loose drum baffle, drum rollers worn or misaligned, out of round wheels or out of round drum.
Ticking	Check for loose wiring harness or any object caught in blower wheel area.
Scraping	Check for front or rear bulkhead felt seal out of position or worn drum front bearings.
Roaring	Check for blower wheel rubbing on blower housing or bad motor bearings.
Popping or squealing	Check if belt is sticky or frayed.

COMPONENT TESTING PROCEDURES

Regulating Thermostat **Thermistor**

158/122°F, 25A HI-limit

Regulating Thermostat resistance < 1Ω (Electric & Gas)	If resistance is infinity, replace Regulating Thermostat.
Thermistor resistance 40KΩ @ 86°F 50KΩ @ 77°F 99KΩ @ 50°F	If resistance is infinity, replace the Thermistor

Thermostat Thermal cut-off **Thermostat Hi-limit** **Heater**

347°F, 25A Thermal cut-off **212/176°F, 25A HI-limit** **240V/5200W**

Thermostat Thermal cut-off resistance < 1Ω (Electric models only)	If resistance is infinity, replace Thermostat Thermal cut-off.
Thermostat Hi-limit resistance < 1Ω	If resistance is infinity, replace Thermostat Hi-limit.
Heater resistance 20 Ω	If resistance is infinity, replace Heater.

The power supply will be off if the temperature is too high. Then we need to press this red button on the thermostat to restart the dryer.

Door switch

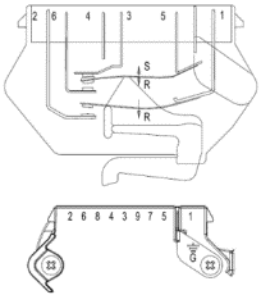
250V 16A

Measure resistance of the following terminals (Electric & Gas):
1. Door switch: open Terminal: "COM" – "NO" (1-2): ∞ Ω 2. Door switch push: On Terminal: "COM" – "NO" (1-2): < 1Ω

Belt safety switch

250V 16A

Belt Safety Switch (Electric & GAS)	- Lever open: Resistance value < 1Ω - Lever push: Resistance value: ∞ Ω



2.9~3.9Ω between Pin# 3 and 4

3.2~4.2Ω between Pin# 4 and 5

- Centrifugal Switch (Motor) **(Electronic & GAS)**

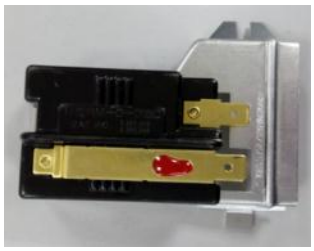
Contacts

Function	1M	2M	3M	5M	6M
Start			●	●	
Run	●	●		●	●

●=Contact closed

GAS MODELS ONLY

Flame sensor



10RS 120V

Flame sensor resistance < 1Ω	If resistance is infinity, replace Flame sensor

Igniter

120V 60Hz

Lgniter resistance 40~400Ω	If resistance is infinity, replace igniter

Gas valve

25M01A 120V 60Hz

Valve1-2: Resistance 1.2KΩ Valve1-3: Resistance 0.5KΩ Valve4-5: Resistance 1.2KΩ	If resistance is infinity, replace Valve.

Thermostat Hi-limit

230/160F 25A (60T21)
Hi-limit

Thermostat Hi-limit resistance < 1Ω	If resistance is infinity, replace Thermostat Hi-limit.

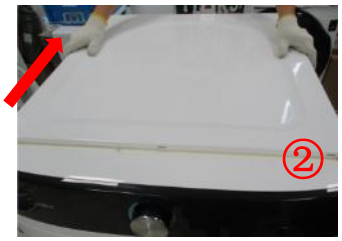
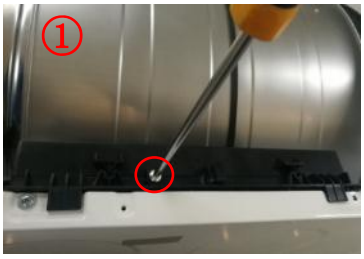
Thermostat
Thermal cut-off

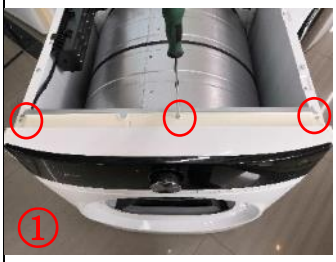
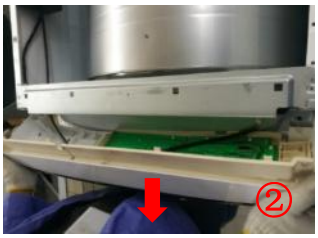
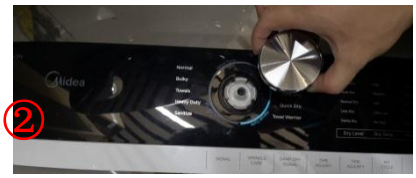
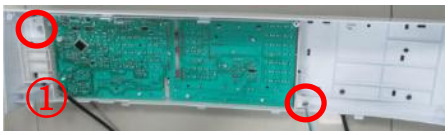
347°F, 25A
Thermal cut-off

Thermostat Thermal cut-off resistance < 1Ω	If resistance is infinity, replace Thermostat Thermal cut-off.

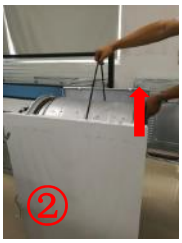
The power supply will be off if the temperature is too high. Then we need to press this red button on the thermostat to restart the dryer.

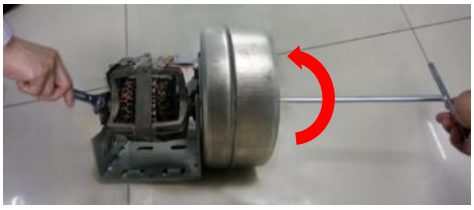
5. HOW TO DISASSEMBLY THE UNIT

1. Remove the top cover plate 1.1 Remove the 3 screws behind the top cover; 1.2 Push off the top cover plate.	  
2.Remove the PCB kit 2.1 Remove 1 screw that is used to fix the PCB kit; 2.2 Open the PCB kit; 2.3 Pull out the terminals from main control panel; 2.4 Remove 2 screws and take down the PCB kit.	    

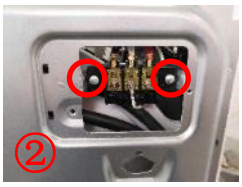
3.Remove the control panel assembly 3.1 Remove the 3 screws Which are used to fix the control panel; 3.2 Take down the control panel.	 
4.Remove the control rear cover 4.1 Remove the screws that is used to fix the control rear cover; 4.2 Take down the control rear cover	 
5.Remove the knob assembly	 
6.Remove the Display Panel 6.1 Remove 2 screws that is used to fix the display panel; 6.2 Take down the display panel	 

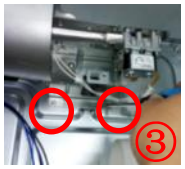
7. Remove the door subassembly 7.1 Remove 2 screws on the door hinge and take down the door assy.	
8. Remove the front panel assembly and front top rail 8.1 Remove 5 screws that is used to fix the front panel assembly; 8.2 Take down the front panel; 8.3 Pull out the terminals connecting to the door switch. 8.4 Take down the front top rail.	   
9. Remove the front support assembly and front air flue assembly 9.1 Pull out the terminals connecting to the front support assy; 9.2 Remove the 5 screws those are used to fix the front support assy ; 9.3 Take down the front support assy and front air flue assy.	 
10. Remove 2 front panel pins.	 

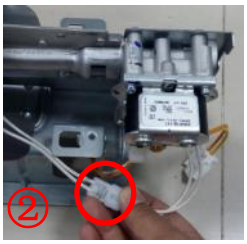
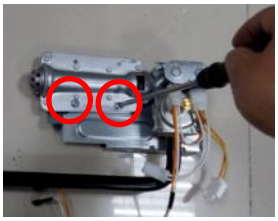
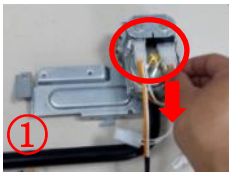
11. Take down the filter lint	
12. Remove the front air flue assy 12.1 Remove 2 screws that is used to fix the air flue assy; 12.2 Take down the air flue assy.	 
13. Take down the tumble assy 13.1 Take down the belt from the Motor; 13.2 Hold the belt and take down the tumble assy.	  
14. Remove the motor and fan assy 14.1 Pull out 3 terminals; 14.2 Remove 4 screws fix the motor; 14.3 Take down the motor and fan assy.	  
15. Remove the temperature sensor	

16. Remove the thermostat.	
17. Remove the belt switch	
18. Remove the fixed sheet	 
19. Remove the impeller assembly 19.1 Use a 3/5” wrench and a 4/9” sleeve to unscrew the locknut and take it down; 19.2 Take down the impeller Assembly.	 
20. Remove the volute assembly 20.1 Remove 3 screws that is used to fix the volute assembly; 20.2 Take down the volute assembly.	 

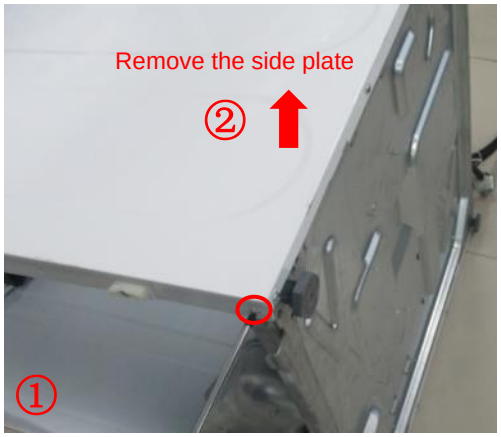
21. Remove the motor.	   
22. Use a 2/5” wrench to remove the tensioner pulley assembly.	 
23. Remove the heater assy 23.1 Pull out all the terminals; 23.2 Remove 2 screws that is used to fix the heater assy; 23.3 Take down the heater assy; 23.4 Take down the heater bracket.	   
24. Take down the back air outlet 24.1 Remove 3 screws that is used to fix the back air outlet; 24.2 Pull out the rear vent pipe.	 

25(a). Remove the back cover (Electric model) 25.1 Remove 1 screw on the back cover; 25.2 Remove 2 screws that is used to fix power line; 25.3 Remove 12 screws that is used to fix back cover; 25.4 Take down the back cover.	    
25(b). Remove the back cover (Gas model) 25.1 Pull out two terminals; 25.2 Remove 12 screws on the back cover; 25.3 Take down the back cover.	   
26. Remove 4 screws to take down the air flue assembly.	

27. Remove the rear support assembly 27.1 Remove 4 screws on the rear support. 27.2 Take down the rear support.	 
28. Remove the burner assy (Gas model only) 28.1 Pull out 4 terminals of thermostats; 28.2 Pull out the terminal of harness; 28.3 Remove 4 screws fixing the burner assy. 28.4 Take down the burner assembly.	    
29. Remove 4 screws to take down thermostats (Gas model only)	 

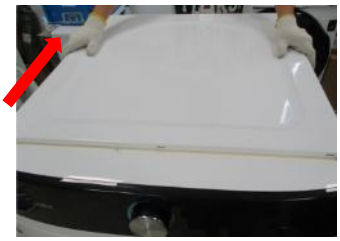
30. Disassemble the burner assembly (Gas model only) 30.1 Remove 2 screws fixing the bracket; 30.2 Remove all terminals; 30.3 Pull the burner and the gas valve assy backwards, then lift it up. Take care the ignitor.	    
31. Remove the screw to take down the flame switch (Gas model only)	
32. Remove the screw to take down the ignitor (Gas model only)	  
33. Remove 2 screws to take down the burner (Gas model only)	
34. Remove the gas valve (Gas model only) 34.1 Remove 2 terminals; 34.2 Remove 3 screws; 34.3 Take down the Bracket.	  

35. Remove the side plate
35.1 Remove 5 screws that is used to fix the side plate;
35.2 Remove the side plate.
35.3 Remove the other side plate by step 35.1&35.2.

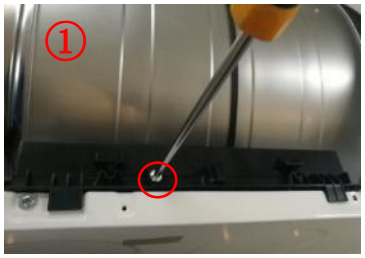


How to change the nozzle for LP (Gas model only)

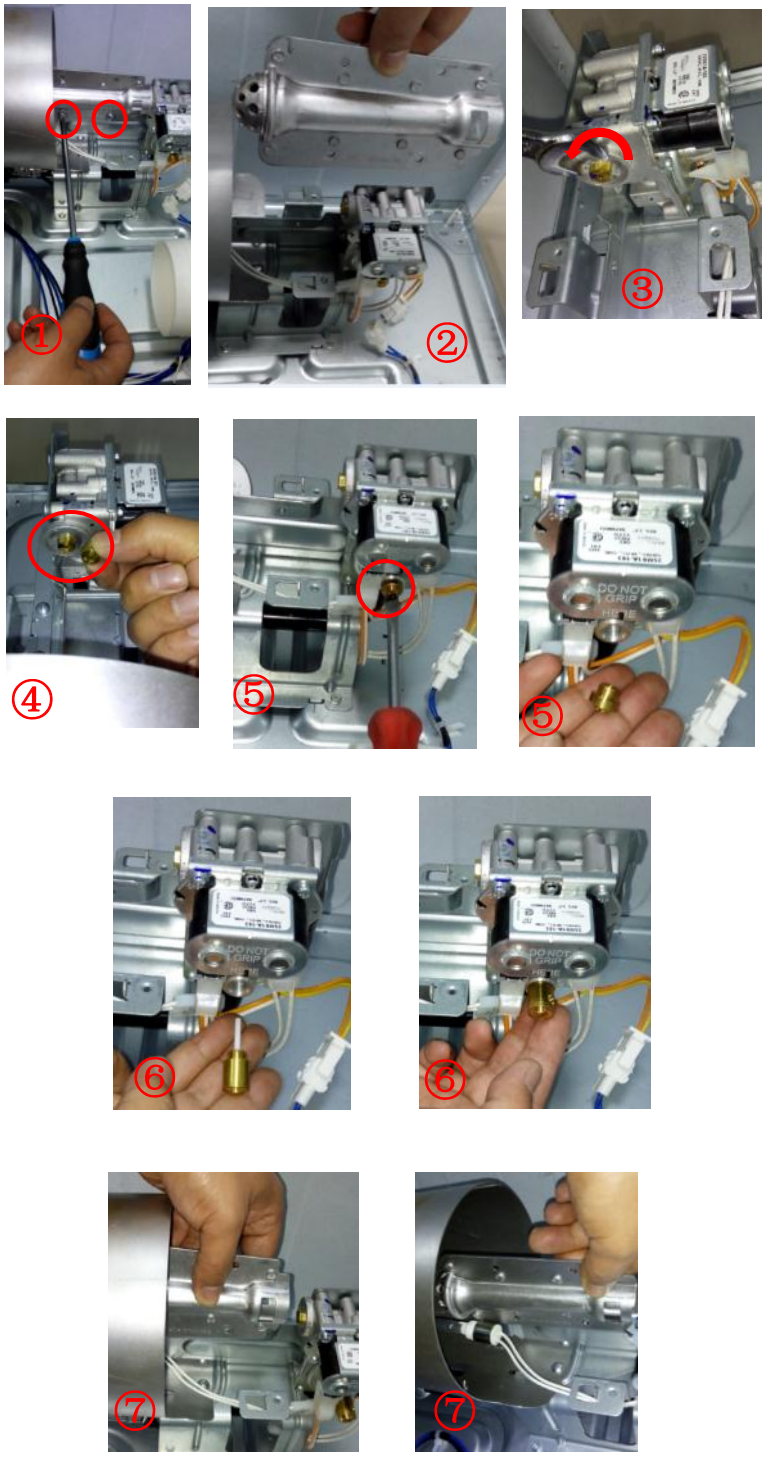
1. Remove the top cover plate
1.1 Remove the 3 screws behind the top cover;
1.2 Push off the top cover plate.



2.Remove the control panel terminal
2.1 Remove 1 screw that is used to fix the PCB kit;
2.2 Open the PCB kit;
2.3 Pull out the terminal

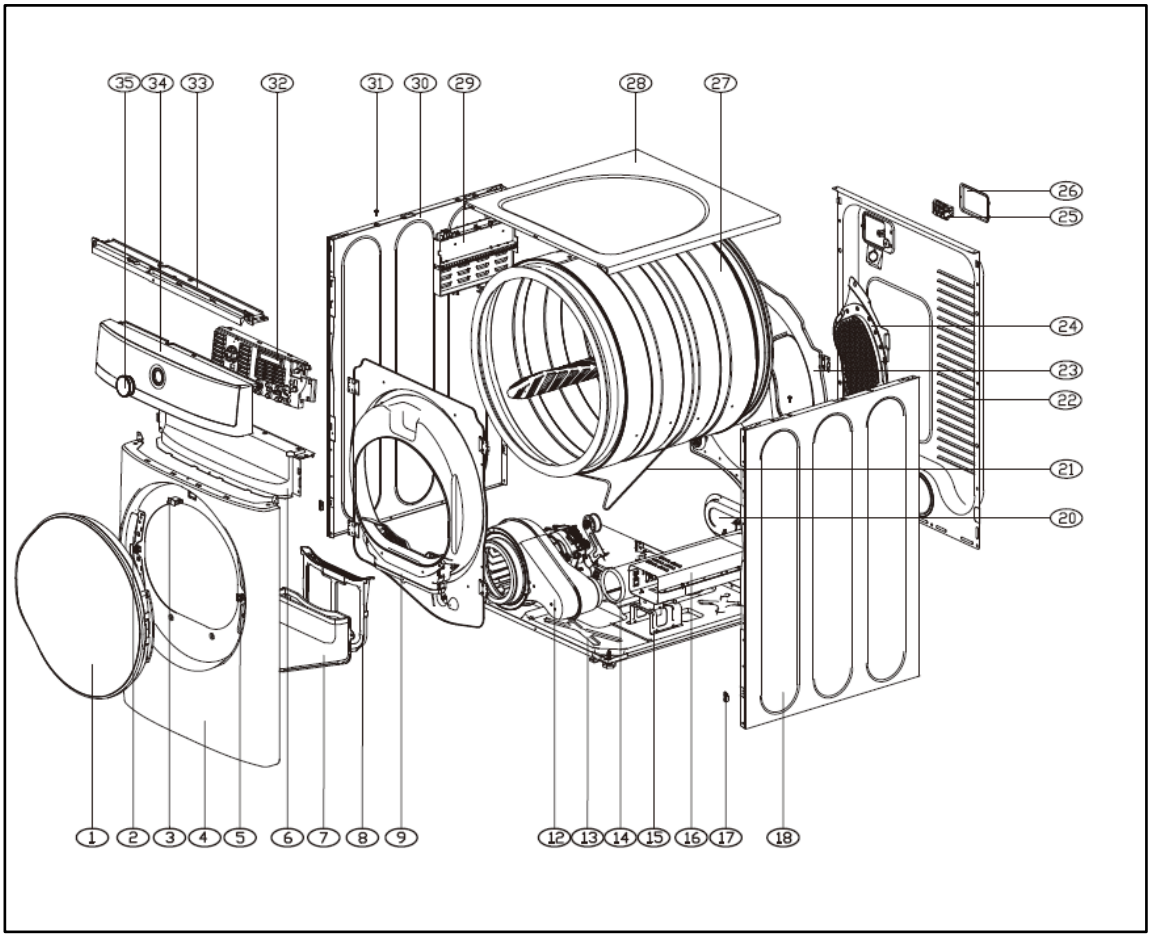


from main control panel;	
3.Remove the control panel assembly 3.1 Remove the 3 screws Which are used to fix the control panel; 3.2 Take down the control panel.	 
4. Remove the front panel assembly and front top rail 4.1 Remove 5 screws that is used to fix the front panel assembly; 4.2 Take down the front panel; 4.3 Pull out the terminals connecting to the door switch. 4.4 Take down the front top rail.	   
5. Remove the front support assembly and front air flue assembly 5.1 Pull out the terminals connecting to the front support assy; 5.2 Remove the 5 screws those are used to fix the front support assy ; 5.3 Take down the front support assy and front air flue assy.	 

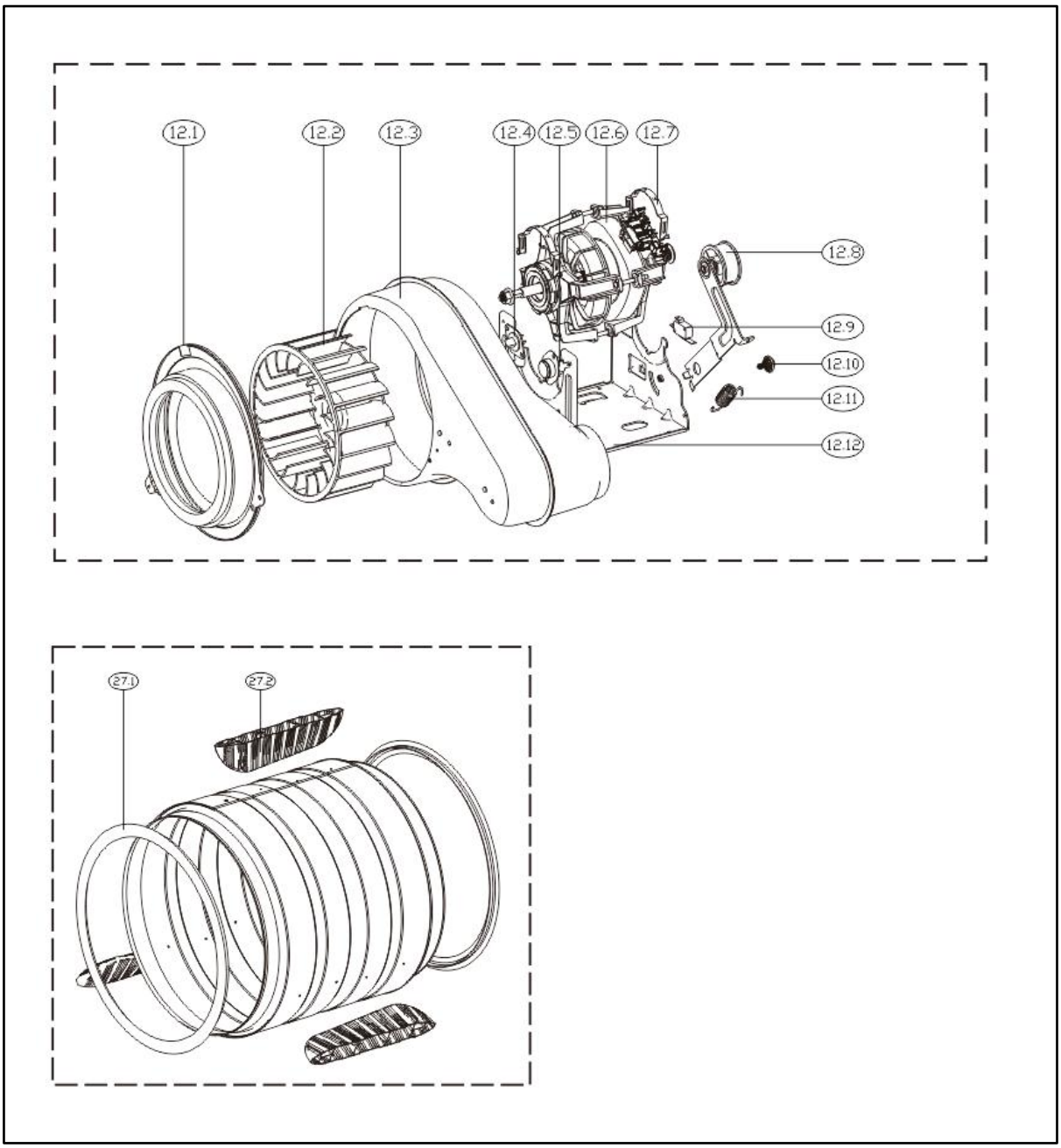
6. Take down the tumble assy 6.1 Take down the belt from the Motor; 6.2 Hold the belt and take down the tumble assy.	
7. Remove the nozzle for LP (Gas model only) 7.1 Remove 2 screws fixing the burner; 7.2 Take down the burner; 7.3 Remove the nozzle with spanner 3/8", torque in range from 25 to 45 in.lbs; 7.4 Replace the nozzle for LP; 7.5 Remove the valve cover from the gas valve; 7.6 Replace the valve bar; 7.7 Reinstall the burner. Take care the position between the burner and ignitor.	

6. EXPLODED VIEW

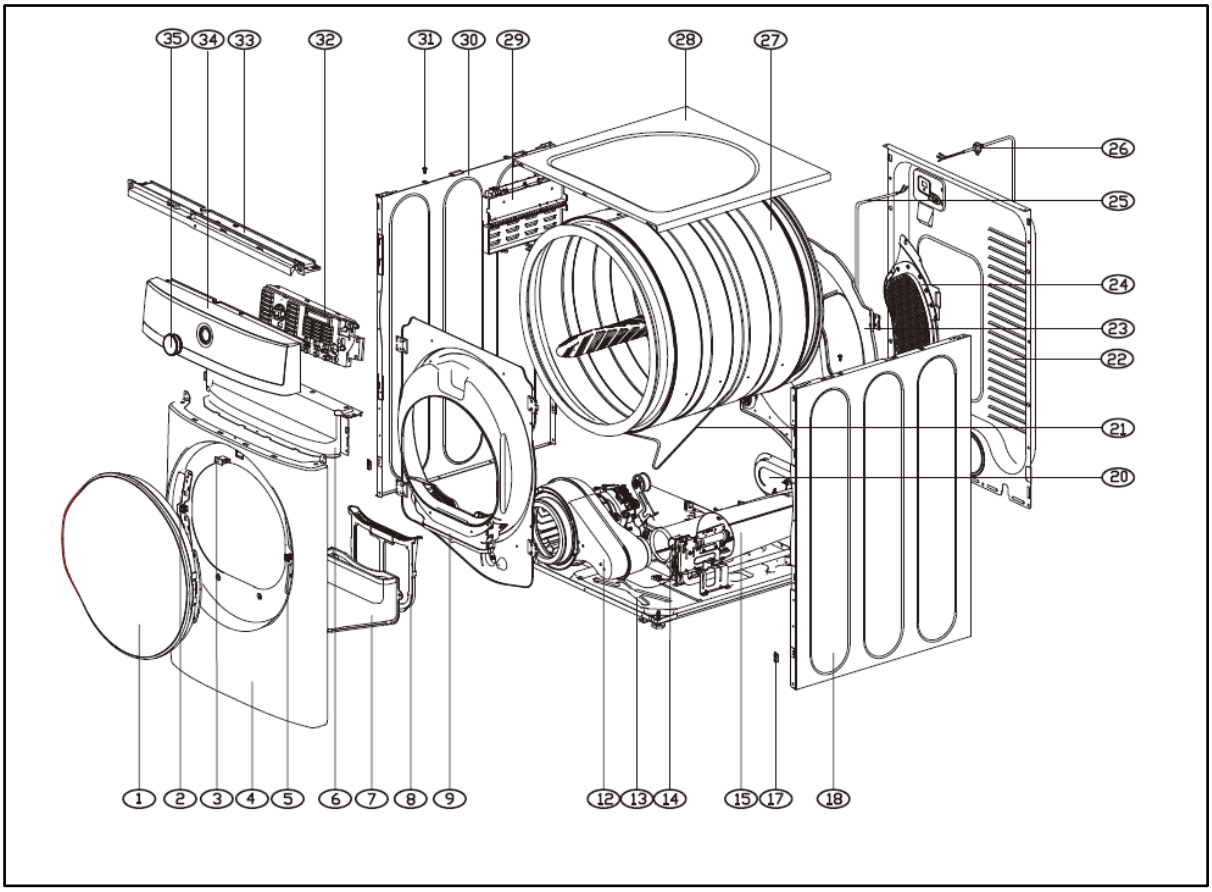
ELECTRIC MODEL:



ELECTRIC MODEL:



GAS MODEL: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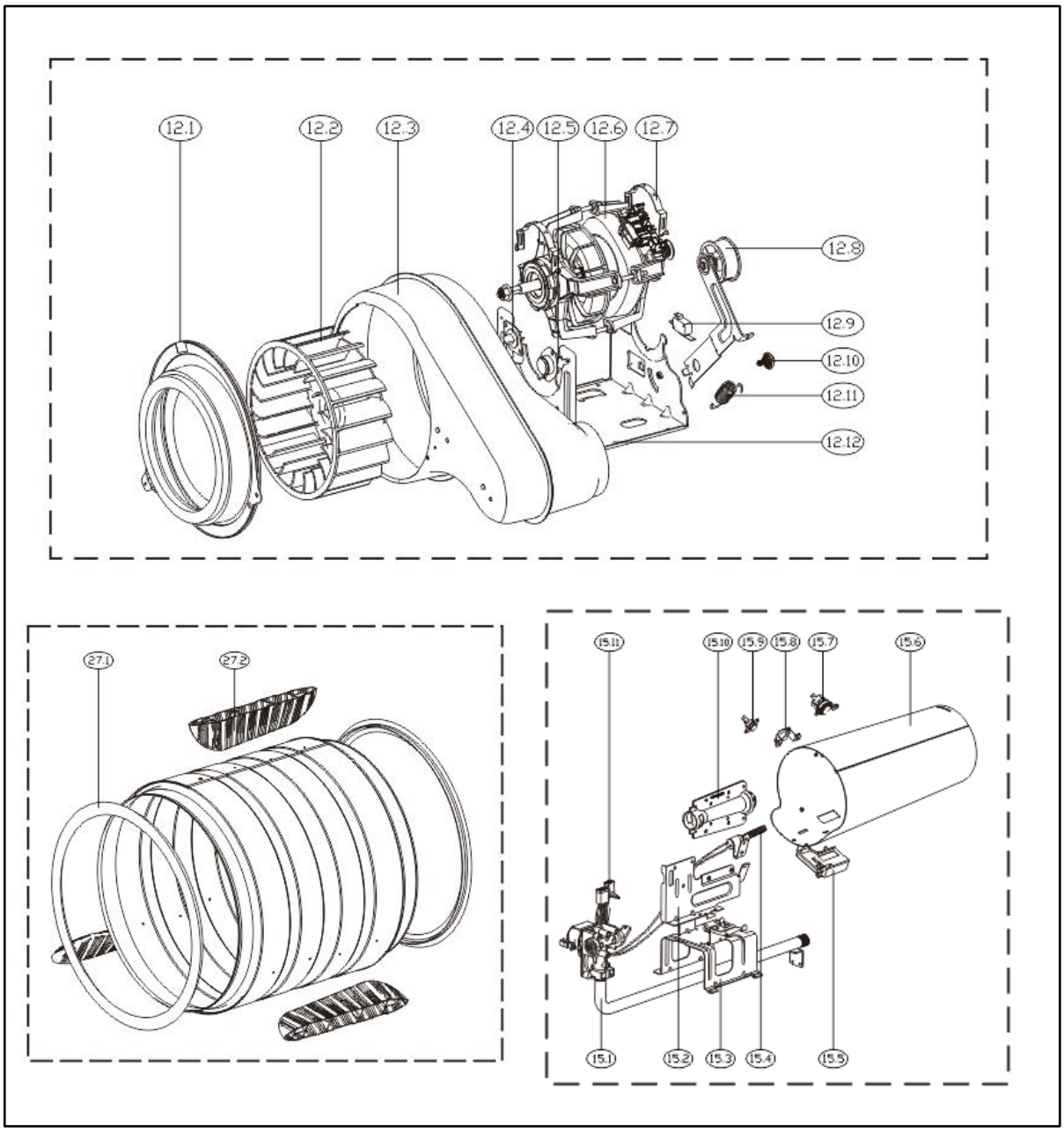
GAS MODEL: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12.8
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15.11
15.10
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15.7
15.6
15.1
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15.3
15.4
15.5

7. SPARE PART

ELECTRIC MODEL

No.	Part Name	Quantity
1	Door Subassembly	1.0
2	Door Hinge Cover	1.0
3	Cover Switch	1.0
4	Front Panel Assembly	1.0
5	Fixed Seat	2.0
6	Front Top Rail	1.0
7	Air Flue Assembly	1.0
8	Lint Filter Assembly	1.0
9	Front Support Assembly	1.0
12.1	Fixed Sheet Assembly	1.0
12.2	Impeller Assembly	1.0
12.3	Volute Assembly	1.0
12.4	Temperature Sensor	1.0
12.5	Thermostate	1.0
12.6	Single phase asynchronous motor	1.0
12.7	Clip Spring	2.0
12.8	Support For Tensioner Pulley Assembly	1.0
12.9	Safety Switch	1.0
12.10	Tapping screw	1.0
12.11	Spring	1.0
12.12	Motor Support	1.0
13	Base Subassembly	1.0
14	Rear Vent Pipe Assembly	1.0
15	Heater Support	1.0
16	Heater	1.0
17	Front Panel Pin	2.0
18	Side Plate	1.0
20	Hole Cover	1.0
21	Belt	1.0
22	Cabinet Cover Back	1.0
23	Basket Support Assembly	1.0
24	Air Flue Assembly	1.0
25	Internal Wire Assembly	1.0
26	Power Cord Cover	1.0
27	Basket Assembly	1.0
27.1	Felt	2.0
27.2	Lifter	3.0

28	Top Cover Plate	1.0
29	PCB	1.0
30	Side Plate	1.0
31	Tapping screw	2.0
32	Display Panel	1.0
33	Control rear cover	1.0
34	Control Panel Assembly	1.0
35	Knob Assembly	1.0

GAS MODEL

No.	Part Name	Quantity
1	Door Subassembly	1.0
2	Door Hinge Cover	1.0
3	Cover Switch	1.0
4	Front Panel Assembly	1.0
5	Fixed Seat	2.0
6	Front Top Rail	1.0
7	Air Flue Assembly	1.0
8	Lint Filter Assembly	1.0
9	Front Support Assembly	1.0
12.1	Fixed Sheet Assembly	1.0
12.2	Impeller Assembly	1.0
12.3	Volute Assembly	1.0
12.4	Temperature Sensor	1.0
12.5	Thermostate	1.0
12.6	Single phase asynchronous motor	1.0
12.7	Clip Spring	2.0
12.8	Support For Tensioner Pulley Assembly	1.0
12.9	Safety Switch	1.0
12.10	Tapping screw	1.0
12.11	Spring	1.0
12.12	Motor Support	1.0
13	Base Subassembly	1.0
14	Rear Vent Pipe Assembly	1.0
15.1	Gas Valve Assembly	1.0
15.2	Support	1.0
15.3	Heater Support	1.0
15.4	Lgnition Needle	1.0
15.5	Flame Switch	1.0
15.6	Combustion Chamber	1.0
15.7	Thermostate	1.0
15.8	Support	1.0
15.9	Thermostate	1.0
15.10	Burner	1.0
15.11	Internal Wire Assembly	1.0
17	Front Panel Pin	2.0
18	Side Plate	1.0
20	Hole Cover	1.0
21	Belt	1.0
22	Cabinet Cover Back	1.0
23	Basket Support Assembly	1.0

24	Air Flue Assembly	1.0
25	Internal Wire Assembly	1.0
26	Power Cord	1.0
27	Basket Assembly	1.0
27.1	Felt	2.0
27.2	Lifter	3.0
28	Top Cover Plate	1.0
29	PCB	1.0
30	Side Plate	1.0
31	Tapping screw	2.0
32	Display Panel	1.0
33	Control rear cover	1.0
34	Control Panel Assembly	1.0
35	Knob Assembly	1.0

8. SPECIFICATION

Model No.	MDH210-V042/B01EHS-US MLE45N1AWW	MDH210-VG042/B01EHS-US MLG45N1AWW
ERP No.	22038210000962	22038210000961
Picture		
Heater Type	Electric	Gas
Power Supply	120/240V/60Hz	120V/60Hz
Capacity (Cuft)	8.0	8.0
CEF (lb/kWh/cycle)	3.93	3.48
Energy Star, 2015	Yes	Yes
Certification, safety	UL	UL
Watts (Heater) E/G	5200W	20000BTU/h
input power(watts)	300	300
Cycle selection	10	10
Cycles	Normal, Bulky , Towels, Heavy Duty, Sanitize, Delicates, Air Fluff, Time Dry , Quick Dry, Towel Warmer	Normal, Bulky , Towels, Heavy Duty, Sanitize, Delicates, Air Fluff, Time Dry , Quick Dry, Towel Warmer
Options	Signal, Wrinkle Care, Damp Dry Signal, My Cycle, Eco Dry	Signal, Wrinkle Care, Damp Dry Signal, My Cycle, Eco Dry
Sensing dry	Yes	Yes
Temperature selection	5	5
Dryness level selection	5	5
digital display	Yes	Yes
cycle status lights	Yes	Yes
Remaining time display	Yes	Yes
End of cycle signal	Yes	Yes
delay start	No	No
Memory of power	Yes	Yes

interrupt		
adjustable leg	Yes, 4	Yes, 4
Drum light	No	No
Color	White	White
Reversable door	Yes, left-right	Yes, left-right
Exhaust Options	3-Way (Rear; Left & Bottom)	3-Way (Rear; Left & Bottom)
Special feature		
child lock	Yes	Yes
Door switch	Yes	Yes
error alarm	Yes	Yes
auto-power off	Yes	Yes
Dimensions & loading		
Width, body, Inch	27	27
Depth, body, Inch	33 3/4	33 3/4
Height, body, Inch	39 4/5	39 4/5
Width, body, mm	686	686
Depth, body, mm	855	855
Height, body, mm	1010	1010
Net weight, lbs	138.9	138.9
Gross weight, lbs	152.1	152.1
Net weight, Kg	63	63
Gross weight, Kg	69	69