

Installation instructions and User guide

Clothes dryer

WARNING: 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 carefully.
- 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.

The Governor of California is required to publish a list of substances known to the state of California to cause cancer or reproductive harm and requires businesses to warn customers of potential exposures to such substances.

WARNING!: Gas appliances contain or produce substances, which can cause death, or serious illness and which are known to the State of California to cause cancer, birth defects, or other reproductive harm. To reduce the risk from substances in fuel or from fuel combustion, make sure this appliance is installed, operated, and maintained according to the manufacturers instructions.

In the state of Massachusetts

Installation must be performed by a qualified or licensed contractor, plumber, or gasfitter qualified or licensed by the state.

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Important!

SAVE THESE INSTRUCTIONS

The models shown in this User Guide may not be available in all markets and are subject to change at any time. For current details about model and specification availability in your country, please visit our local website listed on the back cover or contact your local Sears dealer.

2 Introduction

Thank you for buying an Elba dryer.

We hope you enjoy using the dryer as much as we have enjoyed designing it. We've gone to a lot of effort to ensure it treats your clothes with the utmost care, drying them gently so they will look better for longer. We know you'll enjoy the benefits of its easy loading drum.

Please take the time to read this User Guide carefully. It will help you operate and maintain your new dryer.

Your safety, and the safety of others is very important. Located on your dryer and throughout this guide are safety messages and instructions; it is important that you understand and follow them.

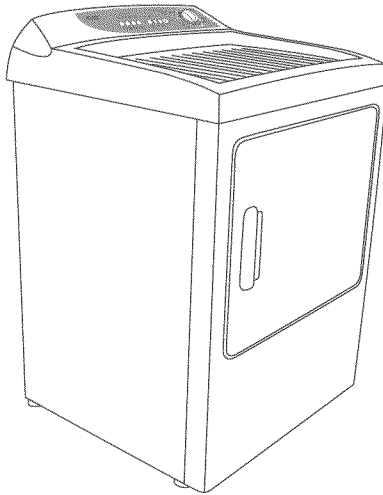


Fig.1 Elba dryer

Important!

It is important that the User Guide should be retained with the appliance for future reference. Should the appliance be sold or transferred to another owner, always ensure that the User Guide is left with the appliance in order that the new owner can familiarize themselves with the appliance and the relevant warnings.

⚠ WARNING!**Fire Hazard**

To reduce the risk of fire, electric shock, or injury to persons, read the **SAFETY AND WARNINGS** before operating this appliance.

Failure to follow to do so can result in death or electric shock.

Symbols

Symbols will be used in this guide to highlight when extra care is required. Abide by these at all times to ensure you and your family are not harmed while operating your dryer.

It is important to always act with caution and use common sense when operating your dryer. Use only as per instructed by the User Guide.



This is the safety alert symbol. This symbol alerts you to hazards that can kill or hurt you and others.

The safety alert symbol and the word **WARNING** will precede all safety messages. These words mean:



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

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

⚠ WARNING!**Electric Shock Hazard**

Follow the safety precautions outlined in this User Guide.

Failure to do so can result in death or electric shock.

Important safety instructions

- *Read all instructions carefully before using this dryer.*
- *Use this dryer only for its intended purpose as described in this User Guide.*
- *To minimize the possibility of electric shock, unplug this dryer from the power supply or disconnect the dryer at the household distribution panel (by removing the fuse or switching off the circuit breaker) before attempting any user maintenance or cleaning.*
- *Installation must conform with local codes, or in absence of local codes, with the National Fuel Gas Code, ANSI Z223.1/NFPA 54 or the Canadian Natural Gas and Propane Installation Code, CSA B149.1.*
- *Installations and service must be performed by a qualified or licensed contractor, plumber or gasfitter qualified or licensed by the state, province, or region where this appliance is being installed.*
- *This dryer must be properly installed and located in accordance with the installation Instructions before it is used.*
- *This dryer, when installed, must be electrically grounded in accordance with local codes, or in the absence of local codes, with the National Electrical Code, ANSI/NFPA 70, or the Canadian Electrical Code, CSA C22.1.*
- *Do not install or store the dryer where it will be exposed to water or exposed to the weather.*
- *Connect to a properly protected, rated and sized power supply circuit to avoid electrical overload.*
- *Do not repair or replace any part of the appliance or attempt any servicing, unless specifically recommended in the published user repair instructions that you understand and have the skills to carry out.*
- *When disconnecting the dryer, pull by the plug rather than the cord or junction of the cord plug, to avoid damage to the cord or junction of the cord plug.*
- *Make sure the cord is located so that it will not be stepped on, tripped over or otherwise subject to stress or damage.*
- *Do not tamper with the controls.*
Note: Turning the cycle selector dial to an OFF position does NOT disconnect the appliance from the power supply.
- *Do not operate this dryer if it is damaged, malfunctioning, partially disassembled or has missing or broken parts, including a damaged cord or plug.*
- *This dryer must be directly connected to an approved fixed electrical outlet. It cannot be plugged into an extension cord or an adaptor plug.*

⚠ WARNING!**Fire Hazard**

Only dry fabrics that have been washed with water.

Do not use heat to dry articles containing foam rubber or similarly textured rubber-like materials. Dry on the FLUFF cycle.

A clothes dryer produces combustible lint and must be exhausted outdoors. Take care to prevent the accumulation of lint around the exhaust opening and in the surrounding area.

Failure to follow these instructions can result in death or personal injury.

To reduce the risk of fire in a tumble dryer the following should be observed:

- *Do not place items in a tumble dryer that have previously been cleaned in, washed in, soaked in, or spot cleaned with flammable liquids or solids. They are a fire or explosion hazard. Highly flammable substances commonly used in domestic environments include acetone, denatured alcohol, gasoline, kerosene, some brands of spot removers and dry cleaning solvents, turpentine, waxes, wax removers, vegetable oil, fish oil, massage oil, and cooking oil.*
- *Do not leave hot oil-affected items in a pile or stack. This can prevent heat from escaping and can create a fire hazard. Oil-affected items can ignite spontaneously, especially when exposed to heat sources such as a tumble dryer. The items become warm causing an oxidation reaction in the oil. This oxidation creates heat. If the heat cannot escape the items can become hot enough to catch fire.*
- *Do not use heat to dry items containing rubber, foam rubber, plastic or similar materials, (such as padded bras, bath mats, rugs, bibs, baby pants, plastic bags, pillows etc), as these materials might melt or burn. Some rubber materials when heated can under certain circumstances produce fire by spontaneous combustion. Dry only on the FLUFF cycle.*
- *Unless specifically recommended by their manufacturer, do not use fabric softeners or similar products in a tumble dryer.*
- *Do not store or use gasoline or other flammable gases and liquids near this or any other appliance.*
- *Keep the area around the exhaust opening and adjacent surrounding areas free from the accumulation of combustible materials such as lint, paper, rags, chemicals etc.*
- *Do not store any items that may burn or melt (such as paper materials, plastics or plastic containers, etc) next to the dryer.*
- *Clean the lint filter each time you use the dryer, before or after each load.*

6 Safety and warnings

- *The dryer must be exhausted to the outside. Carefully follow the venting details in the 'Installation instructions'.*
- *Keep the floor around your dryer clean and dry to reduce the possibility of slipping.*
- *If your dryer is running and you want to unload or add clothes, open the dryer door.*
- *Do not reach into the appliance if the drum is moving.*
- *Close supervision is necessary if this dryer is used near children. Do not allow children to play inside, around or with this dryer or any other appliance.*
- *Never climb on, climb into, or stand on the dryer top or drum.*
- *Undergarments that contain metal reinforcements should not be placed directly in the dryer. Damage to the dryer can result if the metal reinforcements come loose during drying. If you wish to dry these items use a drying rack (available as an optional accessory refer to page 7).*
- *The interior of the appliance and exhaust duct should be cleaned periodically by qualified service personnel.*
- *When discarding or storing old clothes dryer, remove the door.*

Warranty

Your dryer has been made to the highest standards. Years of development and rigorous testing ensure that you have bought a world-class product, in the unlikely event that a problem should occur, refer to the 'Limited warranty' section at the back of this guide (refer to page 43).

If you have a problem with your dryer refer to our troubleshooting section. If your problem is not referenced, please always contact your Fisher & Paykel Authorized Service Agent or our Customer Care Center (Toll Free 1.888.9.FNP.USA (1.888.936.7872)) rather than attempting to fix it yourself.

WARNING! – Risk of fire



Fire Hazard

Clothes dryer installation must be performed by a qualified installer. Install the clothes dryer according to the manufacturer's instructions and local codes.

Do not install a clothes dryer with flexible plastic venting materials. If flexible metal (foil-type) duct is installed, it must be of a specific type identified by the appliance manufacturer as suitable for use with clothes dryers. Flexible venting materials are known to collapse, be easily crushed, and trap lint. These conditions will obstruct clothes dryer airflow and increase the risk of fire.

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

Read the safety and warnings on pages 4 – 6 before you start installing your dryer.

Check to make sure you have all the tools and parts necessary to correctly install this appliance.

Tools required

- ¼" nut driver or socket wrench
- Phillips screwdriver
- Flat-blade screwdriver
- Adjustable wrench 200 or 250 mm (8" or 10") for gas connections (gas models only)
- Pipe joint compound (pipe dope or tape) for gas pipe connections that is resistant to LP Propane, Butane and Natural Gas (gas dryer only)
- Level
- Caulking gun and compound (for installing new exhaust vent)
- Gloves
- Safety glasses
- Knife
- Duct tape

Accessories

- Mobile Home Installation Kit Part No 14-D346-33
- Drying Rack Kit Part No WE1M396
- Cover Plate to Rear of Cabinet Kit Part No WE1M454

Your local service organisation can convert this dryer for use with Propane (LP) gas. See the Rating Plate in the door opening to identify the appropriate Conversion Kit number

Parts needed

Check with local codes and read electrical, gas and venting requirements before purchasing parts. If you need to purchase a power supply cord kit or power supply cable, they must meet the requirements on pages 21 to 22.

8 Installation instructions

To the installer


The correct installation of the dryer is your responsibility.

Be sure you read the following instructions carefully before you start to install the dryer. These instructions should be left with the home owner for future reference.

It is your responsibility to:

- Observe all governing codes and ordinances.
- Check code requirements. Some codes limit or do not permit installation of clothes dryers in garages, closets, mobile homes or sleeping quarters. Contact your local building inspector.
- Adhere to these installation instructions.
- Allow for spacing requirements with side by side installations (refer page 9).
- Make sure you have all items necessary for correct installation.
- Properly install the dryer.
- Contact a qualified installer as appropriate to ensure that the electrical and gas installation meets all national and local codes and ordinances (refer to page 4).

Location requirements

⚠ WARNING!	
	<p>Explosion Hazard</p> <p>Keep flammable materials and vapors, such as gasoline, away from the dryer. Place dryer at least 460 mm (18 inches) above the floor for a garage installation.</p> <p>Failure to do so can result in death, explosion, fire, or burns.</p>

The dryer must be installed or stored in an area which is not exposed to water or weather.

It is extremely important that the dryer is installed in a well ventilated location. This dryer must exhaust air outdoors. Do not install the dryer in any room or closet which does not permit the free flow of replacement air.

Allow sufficient room behind the dryer for the exhaust. The air intake is at the rear of the dryer. Ensure that there is a sufficient air passage on each side of the dryer for intake air.

The area in which the dryer is located must be kept clear and free from combustible materials, gasoline and other flammable vapors and liquids. A dryer produces combustible lint so the area around the dryer must be cleaned regularly to keep it free of lint.

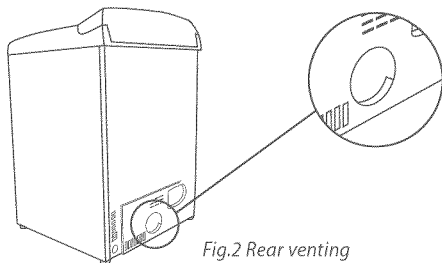


Fig.2 Rear venting

Alcove or closet installation

⚠ WARNING!

When installing a dryer in a closet/alcove it must be exhausted to the outdoors. No other fuel burning appliance can be installed in the same closet or alcove.

The total ventilation area must be a minimum of 387 cm² (60 sq. in.) of open area equally distributed. If the closet contains both a washer and a dryer, doors must contain a minimum of 774 cm² (120 sq. in.) of open area equally distributed. The openings must never be obstructed (a louvered door with the minimum air opening is acceptable). Minimum installation clearances are required but more clearance is recommended.

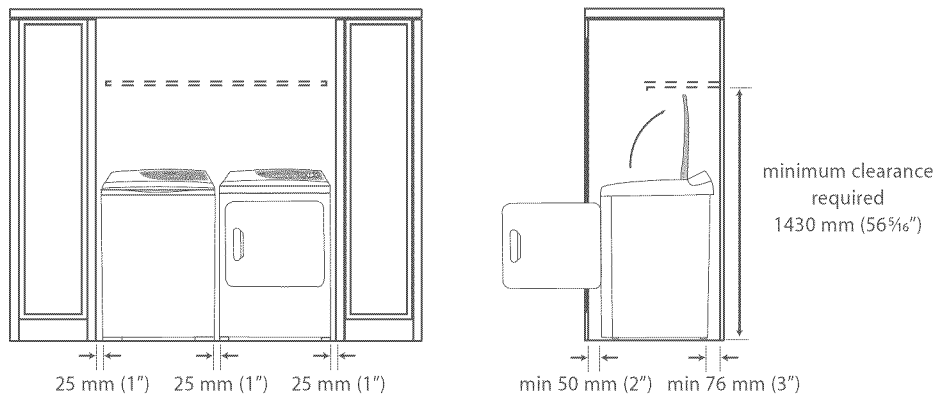


Fig.3 Minimum clearances

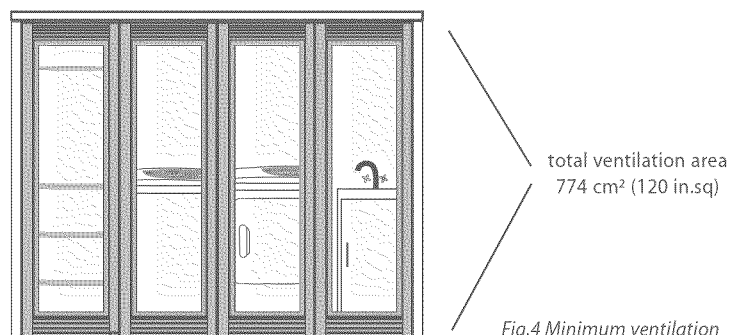


Fig.4 Minimum ventilation

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Bathroom or bedroom installation

- The dryer **MUST** be vented to the outdoors. See EXHAUST information.

Dimensions

Exhaust outlet location

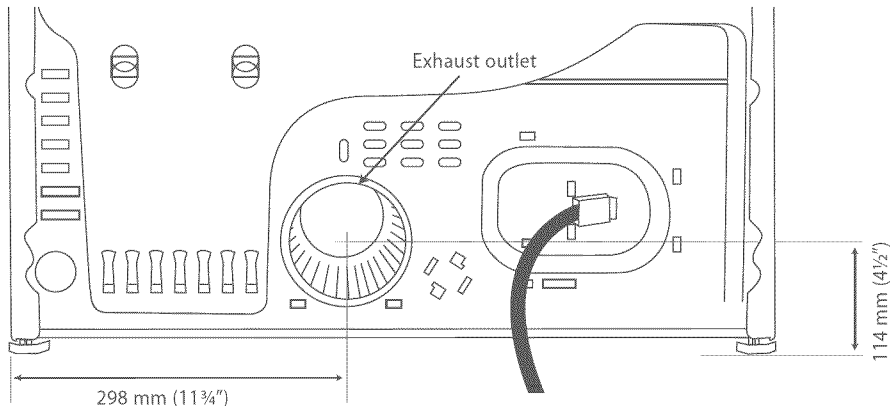


Fig.5 Exhaust outlet dimensions

Mobile or Manufactured Home Installation

- Installation must comply with the current CAN/CSA Z240 MH series Mobile Home Installation Codes or the Manufactured Home Construction & Safety Standard, title 24, part 32-80 or, when such standard is not applicable, with American National Standard for Mobile Home, ANSI/NFPA NO. 501B.
- The dryer **MUST** be vented to the outdoors with the termination securely fastened to the mobile home structure. (See EXHAUST information).
- The vent **MUST NOT** be terminated beneath a mobile or manufactured home.
- The vent duct material **MUST BE METAL**.
- The vent **MUST NOT** be connected to any other duct, vent, or chimney.
- Do not use sheet metal screws or other fastening devices which extend into the interior of the exhaust vent.

In addition to the above, for gas dryers:

- Kit 14-D346-33 **MUST** be used to attach the dryer securely to the structure.
- Provide an opening with a free area of at least 161cm sq. (25 sq. in.) for introduction of outside air into the dryer room.

Exhausting

⚠ WARNING!**Fire Hazard**

The dryer must be vented to the outdoors.

Use rigid or thick wall flexible metal exhaust duct.

Do not use a plastic exhaust duct.

Do not use a metal foil exhaust duct.

Failure to follow these instructions can result in death or fire.

The dryer must be exhausted to the outdoors. This will prevent the build up of lint and moisture in the room in which it is located and reduce the risk of fire.

This appliance must always be vented to the outdoors.

Only rigid or flexible metal duct shall be use for exhausting.

In Canada and in the United States, 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 Duct, Subject 2158A, shall be used.

In Canada and in the United States, the required exhaust duct diameter is 102 mm (4 in).

Exhaust ducting products can be purchased from your local Appliance store or Hardware store.

Plastic or metal foil flexible duct can kink, sag, be punctured, reduce airflow, extend drying times and affect dryer operation.

A minimum of 100 mm (4") thick wall flexible metal or rigid galvanized metal duct must be used. Using ducts larger than 100 mm (4") diameter may result in more lint accumulating.

Using straight rigid metal ducting will minimize lint accumulation. Thick wall flexible metal ducting may be used but care must be exercised to avoid sharp bends which may squash the duct and cause blockages. Do not use plastic ducting or thin wall flexible metal ducting.

Use duct tape to secure joints. The duct shall not be assembled with screws or other fastening means that extend into the duct and catch lint.

Keep ducting as short and straight as possible. Do not exceed the maximum exhaust duct lengths stated later in these installation instructions.

Do not exhaust the dryer into a chimney or gas vent, a wall, a ceiling, an attic, a crawl space, or a concealed space of a building. Do not exhaust the dryer under a house or mobile home or a porch, or into a window well or other area that will accumulate lint.

The exhaust duct should end with an exhaust hood with a swing out damper to prevent back drafts and entry of wild life. Never use exhaust hoods with a magnetic damper. The hood should have at least 305 mm (12 inches) clearance between the bottom of the hood and the ground or other obstruction. The hood opening should point down. Never install a screen over the exhaust outlet.

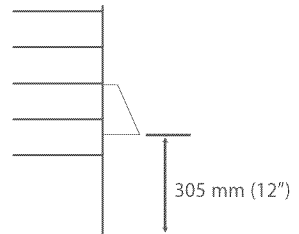


Fig.6 Exhaust hood minimum ground clearance

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To reduce condensation, insulate any ducting which passes through unheated areas. Slope the duct gently downwards to the hood, to drain condensation and reduce lint build up. Avoid sag or loops in the duct as they may collect and store water and accumulate lint.

Before using an existing exhaust duct system for a dryer ensure that:

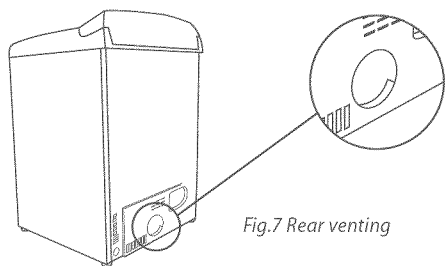
- No plastic or other potentially combustible duct or flexible metal foil ducting has been used.
- The duct is not pierced, kinked or crushed.
- The duct does not exceed the maximum recommended length for the new dryer.
- The exhaust hood damper opens and closes freely and with sufficient movement.
- Static pressure in the exhaust ducting does not exceed 250Pa (1 inch of water column), or is not less than 0 inches of water column (ie negative pressure), when measured with a manometer in the first 150 mm (6") of the duct, with the dryer running on **FLUFF (NO HEAT)** setting.
- The exhaust duct system meets all relevant local, state, province and national codes.

All ducting should be inspected and cleaned at least once a year to remove accumulated lint. Frequently check that the damper on the exhaust hood moves sufficiently and opens and shuts freely.

Mobile Home Installations

A Mobile Home Installation Kit is available (see 'Accessories' page 7 and notes page 10).

Determine vent duct length



Different types of vent arrangements are shown below.

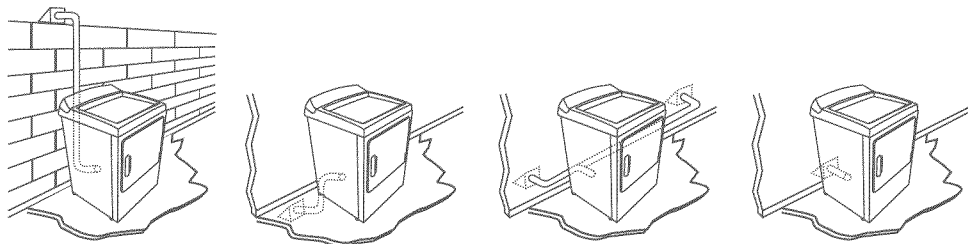


Fig.8 Venting options

Choose a route that will provide the straightest and most direct path outdoors. Plan the installation to use the fewest number of elbows and turns.

When using elbows (rigid duct) or making turns (thick wall flexible metal duct), allow as much room as possible. With thick wall flexible metal duct bend duct gradually to avoid kinking and avoid 90° turns.

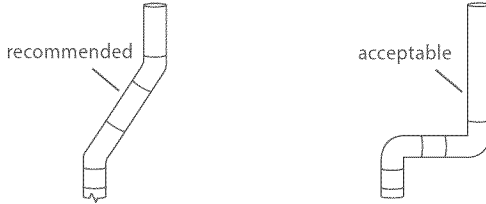


Fig.9 Duct configurations

Maximum length of exhaust duct

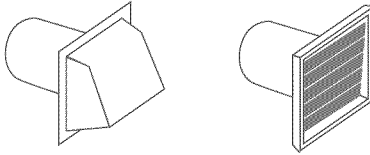
The maximum length of the exhaust duct system depends upon:

- The type of ducts (rigid or thick walled flexible metal).
 - The number of elbows or bends used.
- 1 Refer to the exhaust duct length chart for the maximum duct lengths you can use. Do not use duct runs longer than specified in the exhaust duct length charts (refer to next page). Exhaust duct systems longer than specified will:
 - Accumulate lint creating a potential fire hazard.
 - Shorten the life of the dryer.
 - Reduce performance, resulting in longer drying times and an increased energy usage.
 - 2 Determine the number of elbows/bends you will need.
 - 3 In the following table, find the maximum length of rigid metal duct on the same line as the number of elbows/bends to be used (refer to next page).
 - 4 The total length of flexible metal duct shall not exceed 2.4 m.

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Maximum length of exhaust duct

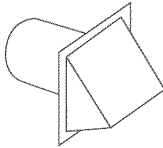
Preferred 4" Hoods



When you have a 100 mm (4") Hood

Number of 90° elbows/bends	Maximum length of 100 mm (4") diameter metal duct.	
	Rigid	
0	27.4 m	90 ft
1	18.3 m	60 ft
2	13.7 m	45 ft
3	10.7m	35 ft
4	7.6 m	25 ft

Acceptable 2 1/2" Hoods



When you have a 60 mm (2 1/2") Hood

Number of 90° elbows/bends	Maximum length of 100 mm (4") diameter metal duct.	
	Rigid	
0	18.3 m	60 ft
1	13.7 m	45 ft
2	10.7 m	35 ft
3	7.6 m	25 ft
4	4.6 m	15 ft

For exhaust systems not covered by the exhaust duct length charts (such as multiple unit hook-ups, plenums, and power-assist fans), call our Customer Care Center:
TOLL FREE 1.888.9.FNP.USA (1.888.936.7872).

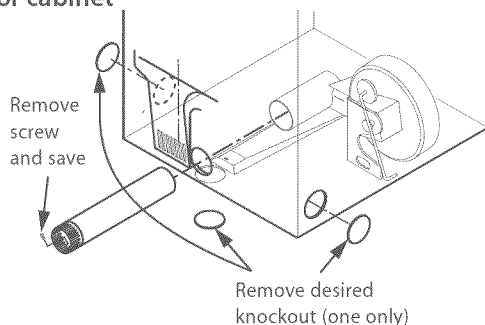
Alternative exhaust directions

This dryer can be vented from the rear, right, left, and bottom side of the cabinet and must be exhausted to the outdoors.

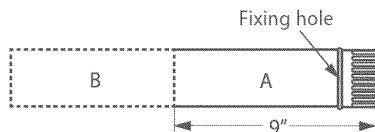
Note: the gas dryer can not be exhausted directly through the right side of the cabinet.

Dryer exhaust to right, left or bottom of cabinet

- Detach and remove the bottom, right or left side knockout as desired. Remove the screw inside the dryer exhaust duct and save. Pull the duct out of the dryer. Protect sharp edges around the knockout and exhaust opening with tape.

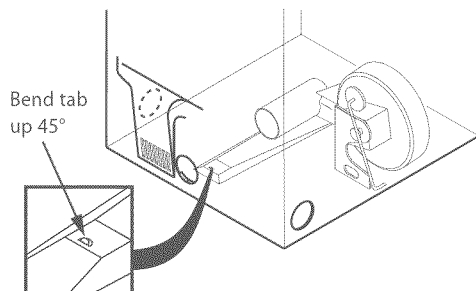


Cut the duct as shown and keep portion A.



Tab location

- Through the rear opening, locate the tab in the middle of the dryer base. Lift the tab to about 45° using a flat blade screwdriver.



Adding new duct

- Reconnect the cut portion (A) of the duct to the blower housing. Making sure that the shortened duct is aligned with the tab in the base. Use the screw saved previously to secure the duct in place through the tab on the dryer base.

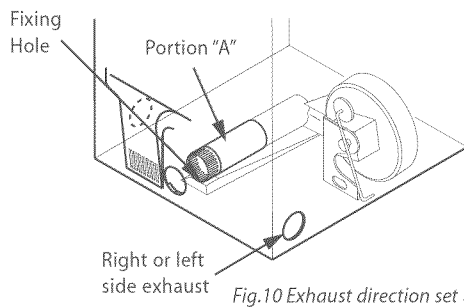


Fig.10 Exhaust direction set up

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Alternative exhaust directions

Adding elbow and duct for exhaust to right or left side of cabinet

- Preassemble 100 mm (4") elbow with 100 mm (4") duct. Wrap duct tape around joint.
- Insert duct assembly, elbow first, through the side opening and connect the elbow to the dryer internal duct.

⚠ WARNING!

Be sure not to pull or damage the electrical wires inside the dryer when inserting the duct.

- Apply duct tape as shown on the joint between the dryer internal duct and the elbow.

Important!

Internal duct joints must be secured with tape, otherwise they may separate and cause a safety hazard.

Adding elbow for exhaust through bottom of cabinet

- Insert the elbow through the rear opening and connect it to the dryer internal duct.
- Apply duct tape on the joint between the dryer internal duct and elbow, as shown above.

Important!

Internal duct joints must be secured with tape, otherwise they may separate and cause a safety hazard.

Adding cover plate to rear of cabinet (sides and bottom exhaust)

- Connect standard metal elbows and ducts to complete the exhaust system. Cover back opening with a plate (kit WE1M454) available from your local service provider. Place dryer in final location.

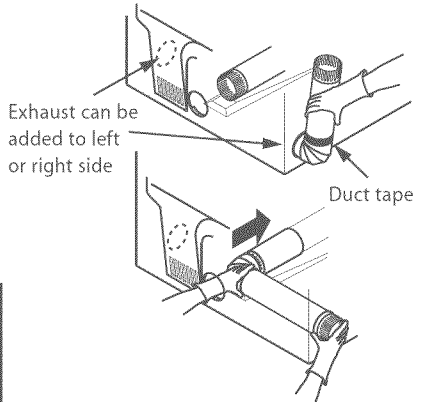


Fig.11 Left and right exhausting

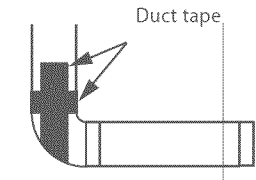


Fig.12 Securing joints

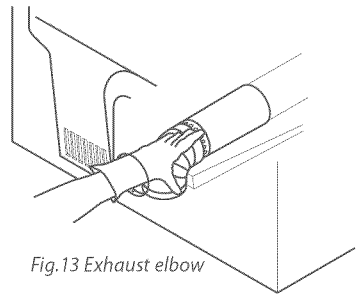


Fig.13 Exhaust elbow

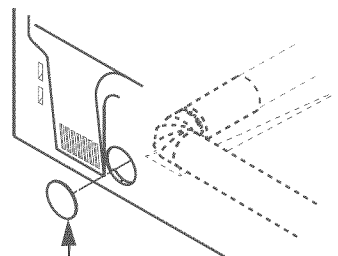


Plate (kit WE1M454)

Fig.14 Cover plate

Exhaust venting

⚠ WARNING!



Fire Hazard

Use metal exhaust duct.

Do not use a plastic exhaust duct.

Do not use thin metal foil exhaust duct.

Failure to do so can result in death or fire.

- 1 Read the exhaust section (pages 11 – 16) before installing the exhaust system to determine the maximum allowable exhaust duct length.
Do not use sheet metal screws when assembling ducting. Always use suitable duct tape. Never use plastic or thin metal foil flexible exhaust material.
- 2 The exhaust outlet is located close to the center of the rear of the dryer. Make sure you join the exhaust duct to the dryer with duct tape only. This will prevent lint and dust from escaping from the dryer and exhaust system.

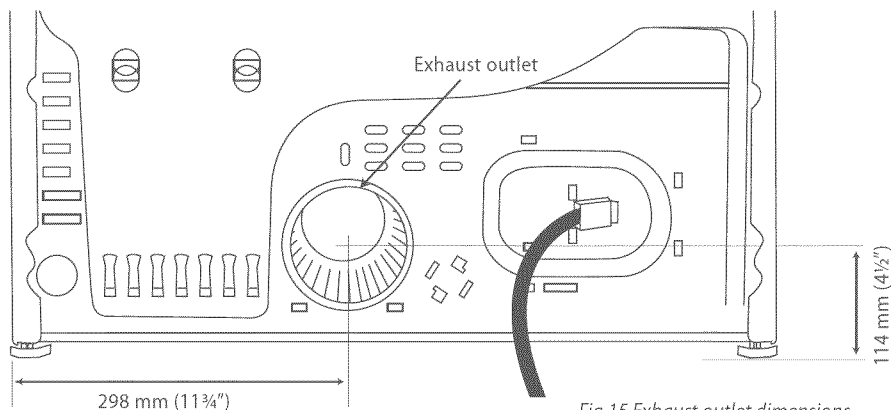


Fig.15 Exhaust outlet dimensions

- 3 The exhaust vent can be routed up, down, left, right or straight out the back of the dryer. Refer to diagram.

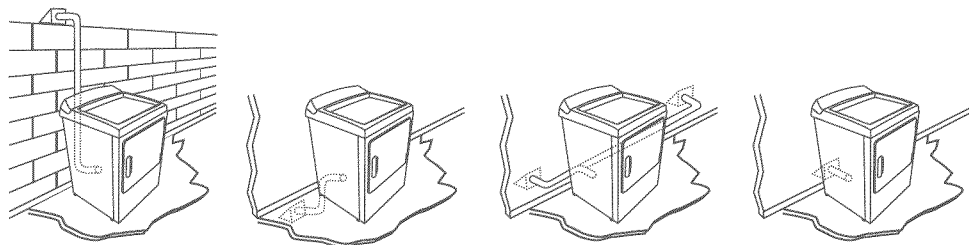



Fig.16 Venting options

Installation

Parts and literature are packaged inside the dryer drum.

⚠ WARNING!	
	Excess Weight Hazard Use two or more people to move and install the dryer. Failure to do so can result in back or other injury.

Only remove the packaging at the customer's premises. This will ensure the appliance arrives in pristine condition and reduces the risk of damage when transporting to the customer's home.

Unpacking

Make sure dryer is in a suitable location for installation. Consider installing the dryer before the washing machine in a side by side installation, this will allow better access to electrical and exhaust connections.

Foam removal from dryer legs

Tilt the dryer sideways and remove the foam shipping pads by pulling at the sides and breaking them away from the dryer legs. Be sure to remove all of the foam pieces around the legs.

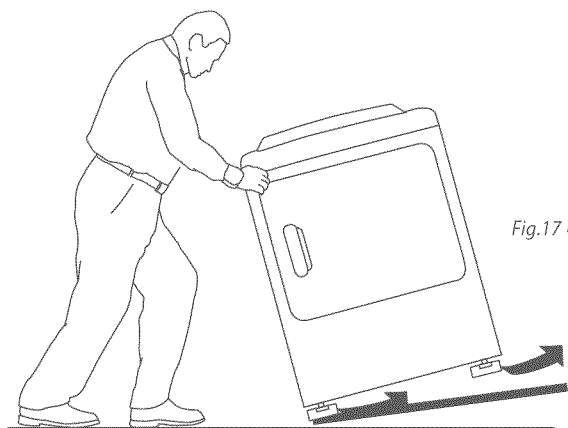


Fig.17 Unpacking your dryer correctly

Grounding instructions for gas and electric dryers

⚠ WARNING!**Electric Shock Hazard**

Make sure appliance is wired or plugged into a grounded outlet.

Do not use an adaptor.

Do not use an extension cord.

Failure to follow these instructions can result in death, fire, or electrical shock.

⚠ WARNING!**Electric Shock Hazard**

Check with a qualified electrician or service person if you are in doubt as to whether the appliance is properly grounded.

Do not modify the plug if it will not fit the outlet.

Have the proper outlet installed by a qualified electrician.

Failure to follow these instructions can result in death, fire, or electrical shock.

Grounding for a cord-connected appliance


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. When 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, or in their absence, with the National Electrical Code ANSI/NFPA 70, or the Canadian Electrical Code CSA C22.1.

⚠ WARNING!

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

Refer to pages 20 – 22 for wiring details for electric dryers, including the grounding requirements for a direct wired appliance.

Electrical requirements for electric models only

⚠ WARNING!	
	<p>Electric Shock Hazard</p> <p>Use a new UL/CSA approved 30-ampere power cord or direct wire cable. Use a UL approved strain relief.</p> <p>Disconnect power before making electrical connections.</p> <p>Connect neutral wire (white or center wire) to center terminal.</p> <p>On all four wire installations remove the grounding link and connect the ground wire to the green ground connecting screw.</p> <p>Connect remaining 2 supply wires to remaining 2 terminals.</p> <p>Securely tighten all electrical connections.</p> <p>Failure to do so can result in death, fire, or electrical shock.</p>

Note: the wiring diagram is inside the control console. The dryer must be plugged into or connected to an individual branch circuit, do not use an extension cord.

Ensure proper ground exists before use.

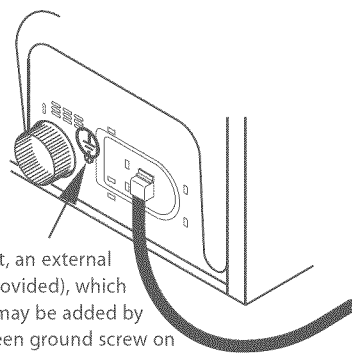
The power supply must be 220/240V or 208V, 60 Hz approved alternating current electrical service. The electrical service requirements can be found on the data label that is located on the console back. A 30-ampere fuse or circuit breaker is required on each of the lines.

If a power cord is used, the cord must be plugged into a 30-ampere receptacle.

The power cord is NOT provided with U.S. electric model dryers.

This dryer is supplied with the cabinet grounded through the neutral on the terminal block. If the dryer is to be installed in (1) a new branch installation, (2) a mobile home, (3) a recreational vehicle, (4) an area where local codes do not permit grounding through the neutral conductor, the appliance grounding link must be removed and a 4-wire power cord/cable or a separate grounding wire must be used.

Do not reuse a power supply cord/cable from an old dryer. The power cord/cable electric supply wiring must be retained at the dryer cabinet with a suitable UL listed strain relief.



If local codes permit, an external ground wire (not provided), which meets local codes, may be added by attaching to the green ground screw on the rear of the dryer, and to a grounded metal cold water pipe or other established ground.

Fig.18 Grounding

Electric power supply for gas and electric dryers

Power supply for electric dryers: (for Canada only)

- 120 / 240 V or 120 / 208 V of 60 Hz sinusoidal supplied via an individual branch circuit with a 30 ampere fuse or breaker in each of the lines.
- Connected to a 30 ampere wall receptacle as shown
- The installation conforming to local codes. Do not modify the plug to fit a different outlet

Electric power supply for gas dryers:

- 120 V 60 Hz sinusoidal supplied via a circuit protected with a 15 or 20 ampere fuse or breaker.
- Connected to a wall receptacle as shown
- The installation conforming to local codes and/or the current CSA C22.1 Canadian Electrical Code part 1.

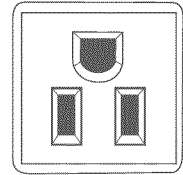
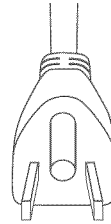
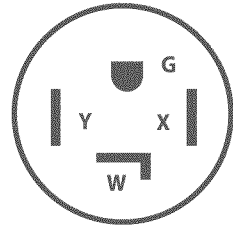


Fig.19 Power supply cord

Power supply cord requirements for U.S.A

⚠ WARNING!



Electric Shock Hazard

Never leave the cover off of the terminal block.

Failure to do so will result in death or electric shock.

4-wire connections (must be used for mobile home installation)

Note: since January 1, 1996, the National Electric Code requires that new constructions utilize a 4 wire connection to an electric dryer.

- 1 Turn off the circuit breaker(s) (30 amp) or remove the dryer's circuit fuse at the electrical box.
- 2 Be sure the dryer cord is unplugged from the wall receptacle.
- 3 Remove the power cord cover located at the lower back.
- 4 Remove and discard ground strap. Keep the green ground screw for step 7.
- 5 Install 3/4" UL recognized strain relief to power cord entry hole. Bring power cord through strain relief.
- 6 Connect power cord as follows:
 - A. Connect the 2 hot lines to the outer screws of the terminal block (marked L1 and L2).
 - B. Connect the neutral (white) line to the center of the terminal block (marked N).

Power supply cord requirements for U.S.A

- 7 Attach ground wire of power cord with the green ground screw (hole above strain relief bracket). Tighten all terminal block screws (3) completely.
- 8 Properly secure power cord to strain relief.
- 9 Reinstall the cover.

Remove ground strap and discard. Keep green ground screw

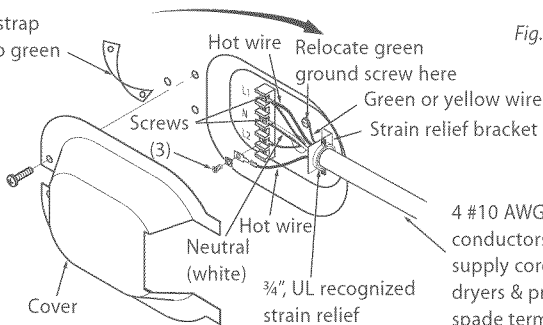


Fig.20 4-wire connections

4 #10 AWG minimum copper conductors or 120/240V 30A power supply cord kit marked for use with dryers & provided with closed loop or spade terminals with upturned ends (not supplied)

3-wire connections

If required, by local code, install external ground (not provided) to grounded metal, cold water pipe, or other established ground determined by a qualified electrician.

- 1 Turn off the circuit breaker(s) (30 amp) or remove the dryer's circuit fuse at the electrical box.
- 2 Be sure the dryer cord is unplugged from the wall.
- 3 Remove the power cord cover located at the lower back.
- 4 Install 3/4" UL recognized strain relief to power cord entry hole. Bring power cord through strain relief.
- 5 Connect power cord as follows:
 - A. Connect the 2 hot lines to the outer screws of the terminal block (marked L1 and L2).
 - B. Connect the neutral (white) line to the center of the terminal block (marked N).
- 6 Be sure ground strap is connected to neutral (center) terminal of block and to green ground screw on cabinet rear. Tighten all terminal block screws (3) completely.
- 7 Properly secure power cord to strain relief.
- 8 Reinstall the cover.

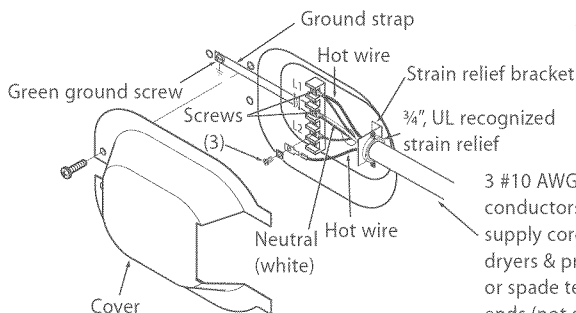


Fig.21 3-wire connections

3 #10 AWG minimum copper conductors or 120/240V 30A power supply cord kit marked for use with dryers & provided with closed loop or spade terminals with upturned ends (not supplied)

Gas requirements (gas models only)

The installation must conform with Local Codes, or in the absence of Local Codes, to the National Fuel Gas Code ANSI Z223.1/NFPA 54 or the Canadian Natural Gas and Propane Installation Code, CSA B149.1.

WARNING!



Explosion Hazard

Installations must be performed by a qualified or licensed contractor, plumber, or gasfitter qualified or licensed by the state, province, or region where this appliance is being installed.

Use a new AGA or CSA approved gas supply line.

Install a shut-off valve in an accessible place.

Only use a gas shut-off valve approved for use within the state, province, or region where this appliance is being installed.

Securely tighten all gas connections.

Failure to follow these instructions can result in death, explosion, or fire.

Gas type

Your dryer must have the correct burner for the type of gas in your home. Burner information is located on the rating plate located on the front of the dryer behind the door. If this information does not agree with the type of gas available in your home, contact your local Fisher & Paykel supplier or service center.

Natural gas

This dryer is supplied ready for use with Natural Gas.

It is design certified by CSA International for LP (Propane or Butane) Gases with the appropriate conversion.

LP gas conversion

If the dryer is to be operated on LP (Liquid Propane or Butane) Gas, the dryer must be converted. To do so, use only the approved Fisher & Paykel conversion kit listed in Accessories on page 7. Do not use with a different gas without consulting the serving gas supplier.

The dryer must be converted for safe and proper performance by qualified service or installation personnel.

Conversion kits for Natural and LP Gas are available from your local Fisher & Paykel Dealer (see 'Accessories' page 7). If other conversions are required, check with your local gas utility for specific information concerning conversion requirements.

24 Installation instructions

Connecting gas to your dryer (gas models only)

Use compound or thread tape appropriate to the gas type that is to be used (Natural or LP Gas), on the male threads of all non-flared connections.

Never use an open flame to test for gas leaks.

This dryer will operate satisfactorily up to altitudes of 2000m (6500ft) above sea level at the BTU rating indicated on the model/serial plate. Burner input adjustments may be required if operating above this elevation.

The dryer must be isolated from the gas supply piping system by closing the supply shut-off valve during any pressure testing of the gas supply piping system.

Gas ignition

This dryer has an automatic ignition system to ignite the burner. There is no pilot flame burning in this dryer.

Connecting to the gas supply

- 1 The gas supply line should be 12.7 mm ($\frac{1}{2}$ ").
- 2 An individual manual shut-off valve must be installed on the gas supply line within 1.8m (6ft) of the dryer, in accordance with the National Fuel Gas Code ANSI Z223.1/NFPA 54 for the United States or in accordance with the B149.1 Natural Gas and Propane Installation Code for Canada.
- 3 An $\frac{1}{8}$ inch NPT plugged tapping must be installed to allow the gas inlet pressure to be checked. It must be accessible for test gauge connection and immediately upstream of the gas connection to the dryer.

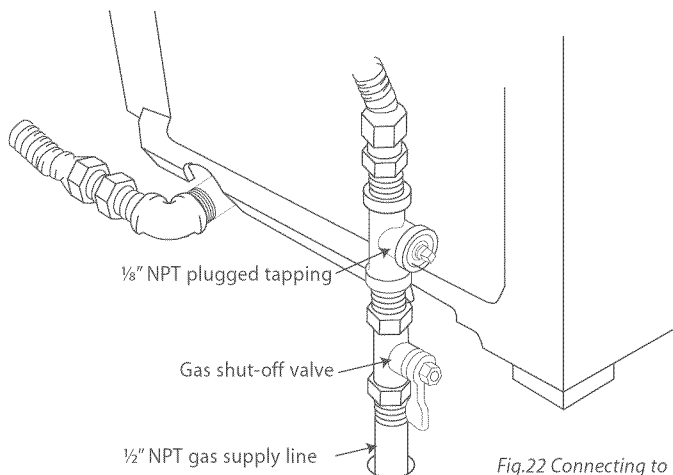


Fig.22 Connecting to the gas supply

- 4 A listed connector in compliance with ANSI Z21.24/CSA6.10 must be used to connect the dryer to the gas supply.
- 5 If flexible tubing is used, an elbow should be installed on the pipe at the back of the dryer for the flexible tube to be connected to. This will minimize damage to the tube when the dryer is moved back. Use a flexible tubing connection kit that has designed for use on a clothes dryer. This kit should have the unions necessary to join to the ends of the tubing. Be sure to follow all instructions supplied with the kit.
- 6 Copper tubing should not be used for Natural Gas and if used for LP Gas, it must be LP Gas compatible.
- 7 Disconnect and discard old flexible tubing.
- 8 The gas pipe that comes out of the rear of your dryer has on it a $\frac{3}{8}$ " NPT male thread. Remove the protective cap and apply sealing compound or tape to the thread. Thread sealant should be appropriate for the type of gas to be used.

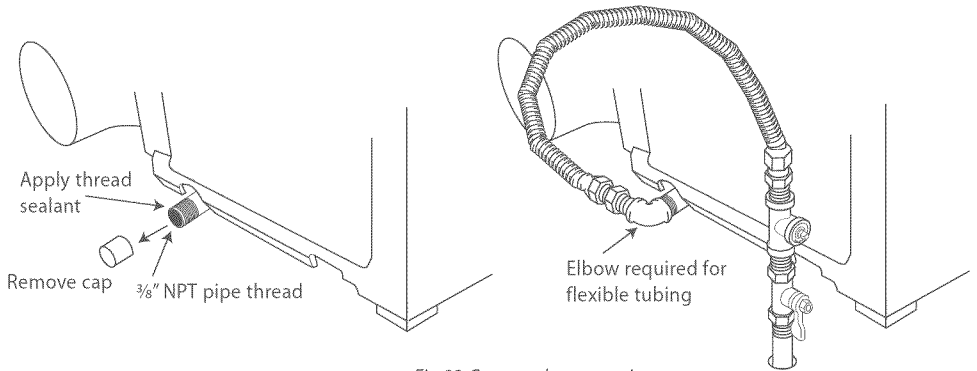


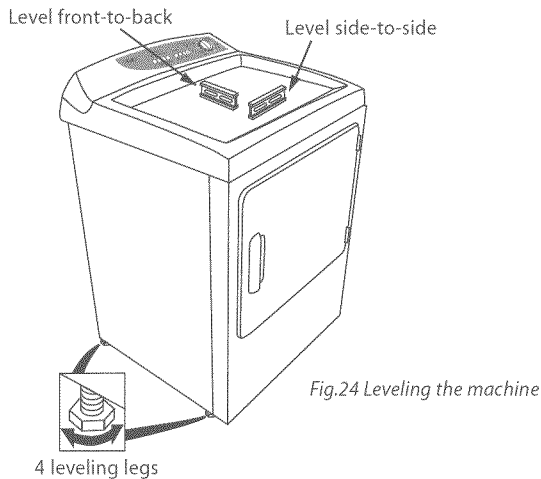
Fig.23 Gas supply connection

Completing the connection

- 1 Use wrenches to tighten all joints but do not over tighten.
- 2 Open the gas supply valve and check all joints by brushing on a non-corrosive leak-detecting solution. Bubbling will indicate a leak. If any leaks are found, close the valve immediately and correct the leaks. Repeat until no leaks are found.

Level machine

Check the dryer is level, and make necessary adjustments.
Adjust all 4 leveling legs to match washer height. Dryer **MUST BE LEVEL** and rest firmly on all 4 leveling legs.



Final installation check list

Check that:

- No plastic or flexible metal foil is used in the exhaust ducting.
- Exhaust is rigid ducting or thick wall flexible metal ducting.
- All joints in the ducting are made with duct tape. It must not be connected with screws or other fastening devices which extend into the inside of the duct.
- Ducting is clean and is connected to the dryer.
- Dryer is level.

Additionally for electric dryer models only, check:

- Dryer is plugged or directly wired into an approved fitting and is properly grounded.
- Dryer starts, heats, cools and shuts off.

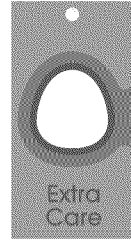
Additionally for gas dryer models only, check:

- Dryer is plugged into an approved fitting and is properly grounded.
- All fittings in the gas line are tested for leaks.
- Exhaust temperature increases, to confirm ignition has occurred.
 - If ignition does not occur initially, it may be due to air in the gas line or low voltage power supply.
 - The gas regulator valve may fail to open if the power supply falls below 105 Volts.

Extra care

- Use this option to minimize the wrinkles in clothes. This option provides approximately 15 minutes of no-heat tumbling after the clothes are dry.

This option can only be used with the Automatic cycles.



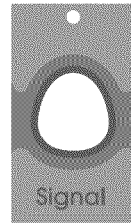
Signal

Use this option and a signal will sound just before the end of the cycle to remind you to remove the clothes.

If you selected the **EXTRA CARE** option, a signal will sound at the end of the drying time and will sound several times during the **EXTRA CARE** cycle. This will remind you that the drying cycle is complete and you should remove your clothes.

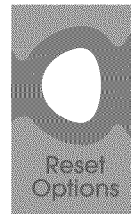
Note:

- Remove garments promptly at the sound of the signal. Place clothes on hangers so wrinkles won't set in.
- Use the **SIGNAL** option especially when drying fabrics like polyester knits and permanent press. These fabrics should be removed promptly so wrinkles won't set in.



Reset options

Selecting **RESET OPTIONS** cancels all options that have been selected.



Drum lamp

A handy light inside the dryer to help make unloading easier.

Drying rack (optional on some models)

A handy drying rack may be used for drying articles such as stuffed toys, pillows, washable sweaters and sports shoes.

Hook the rack over the lint filter so the rack extends into the dryer drum.

Note: the drying rack must be used with the Timed cycle. Do not use this drying rack when there are other clothes in the dryer.

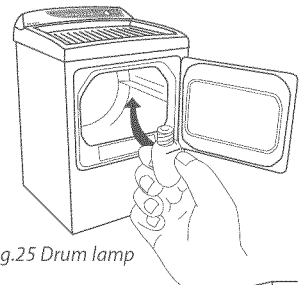


Fig.25 Drum lamp

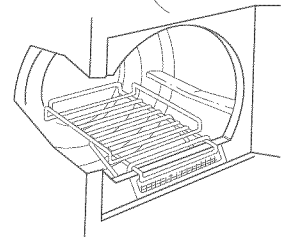


Fig.26 Drying rack

28 Operating instructions control panel

Automatic dry

When an automatic drying cycle is selected the dryer automatically senses when the clothes are dry.

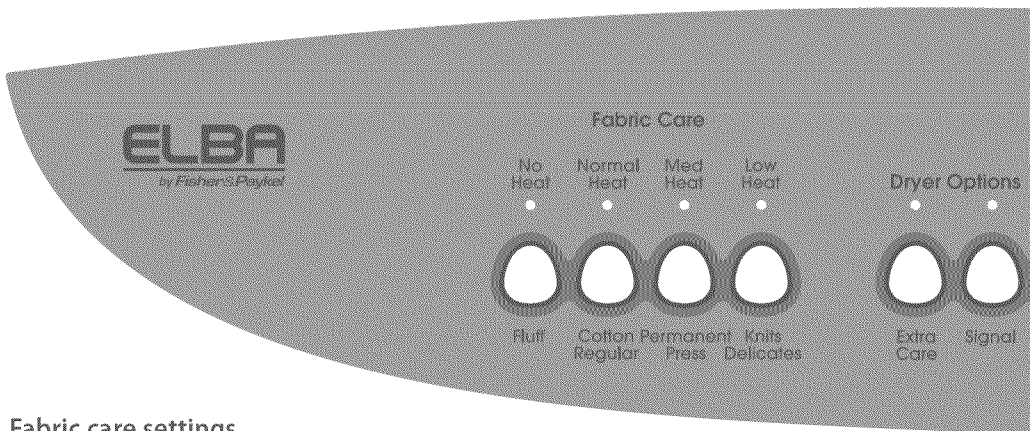
There are two automatic dryness levels: **MORE DRY** + and **LESS DRY** = .

These two settings dry your clothes to different degrees depending on the level of dryness you would like.

AUTOMATIC PERMANENT PRESS – For synthetic blends. Select + for heavier fabrics, = for light fabrics.

AUTOMATIC DELICATES – For lingerie and special care fabrics. Select + for heavier fabrics, = for lighter fabrics.

AUTOMATIC COTTONS – For cottons and most linens. For most loads select the Preferred Regular Setting (marked with an *). Set towards + for heavier fabrics, = for lighter fabrics.



Fabric care settings

FLUFF – For items requiring drying without heat. Perfect for airing clothes or to freshen up garments that have been packed in a suitcase or drawer.

COTTON REGULAR – For drying general cottons such as sheets, sweats and knits. This cycle uses high heat to dry clothes quickly. Suitable for garments labeled 'tumble dry'.

PERMANENT PRESS – For drying lightweight fabrics. A medium heat is used to reduce wrinkles. Ideal for lightweight cottons, casuals and items labeled 'tumble dry with a medium heat'. This cycle automatically selects the **DEWRINKLE** option to reduce wrinkles.

KNITS DELICATES – For heat sensitive items, this cycle uses a low heat. Use this setting when care labels recommend low heat settings or for garments with a synthetic fiber content, where overheating could cause damage to fibers.

Timed dry

TIMED DRY cycles allow you to select how long the cycle runs for.

The dryer has three timed cycles. These cycles have set drying times of either 40, 60 or 80 minutes and include a **DAMP DRY** and **DEWRINKLE** function. If selected, your dryer will dry for the specified period of time.

TIMED DRY – Set the cycle selector dial at the desired drying time.

DAMP DRY – To leave items partially dry set the cycle selector dial on **DAMP DRY** setting.

DEWRINKLE – For removing wrinkles from items that are clean and dry or that are slightly damp. Set the cycle selector dial on to **DEWRINKLE** setting.

Note: drying times will vary according to the type of heat used (Electrical or Natural Gas), size of load, types of fabrics, wetness of clothes and condition of exhaust ducts.

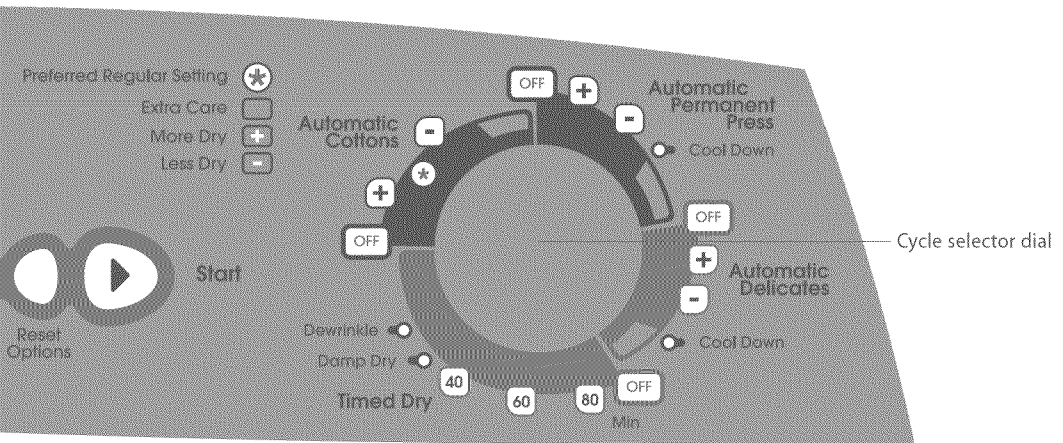


Fig.27 Control panel

30 Reversing the door

Tools needed:

- Standard #2 Phillips screwdriver
- Tape-tipped putty knife
- Needle-nosed pliers

- 1 Open the door and remove the filler plugs opposite the hinges.
- 2 With the door completely open, remove the bottom screw from each hinge on the dryer face.
- 3 Insert these screws about half way into the top holes, for each hinge, on the opposite side (where you removed the filler plugs). Apply firm pressure to get the screw started in untapped holes.
- 4 Loosen the top screw from each hinge on the dryer face half way.
- 5 With one hand holding the top of the door and the other hand holding the bottom, remove the door from the dryer by lifting it up and out.
- 6 Rotate the door 180°. Insert it on the opposite side of the opening by moving the door in and down until the top hinge and the bottom hinge are resting on the two top screws inserted in step 3.
- 7 Remove the remaining screws from the side of the opening from which the door was removed. With these screws secure each hinge at the bottom.
- 8 Tighten the two top screws of each hinge.
- 9 Reinsert the plastic plugs on the side from which the door was removed.

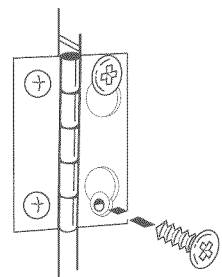
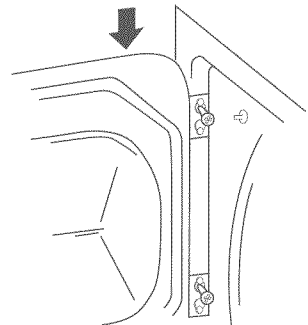
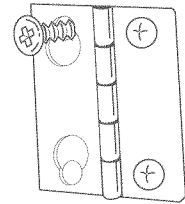
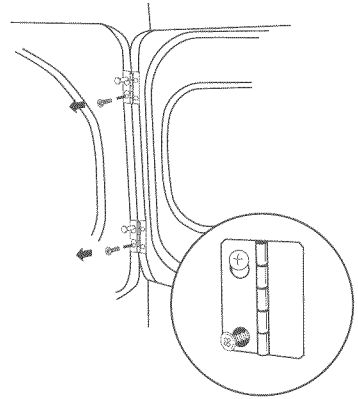


Fig.28 Reversing the door

⚠ WARNING!

To reduce the risk of fire, electric shock, or injury to persons, read the SAFETY AND WARNINGS before operating this appliance.

⚠ WARNING!**Fire Hazard**

Only dry fabrics that have been washed with water.

Do not use heat to dry articles containing foam rubber or similarly textured rubber-like materials. Dry on the FLUFF cycle.

A clothes dryer produces combustible lint and must be exhausted outdoors. Take care to prevent the accumulation of lint around the exhaust opening and in the surrounding area.

Failure to follow these instructions can result in death or personal injury.

⚠ WARNING!**Explosion Hazard**

Keep flammable materials and vapors, such as gasoline, away from dryer.

No washer can completely remove oil.

Do not dry anything that has ever had gasoline, oil or anything flammable on it (including cooking oils).

Failure to follow these instructions can result in death or personal injury.

Check the care labels inside the garments to determine whether the garment manufacturer recommends tumble drying (see care label section).

1. Sorting

It is best that you sort your garments before placing them into the dryer. Sort into loads of similar types of items and items that take similar times to dry.

Heavier items (eg towels, t-shirts and flannel sheets) are best dried separately from lightweight items (eg synthetics, poly-cotton sheets and shirts). This prevents the possibility of some items becoming over-dried whilst others are still damp. It will also help to extend the life of your clothing and linen.

Drying your clothes as soon as the washer has finished will decrease the chance of wrinkles forming and reduce the chance of dye transfer from colored items to white items.

We recommend that articles of clothing with screen-printing are turned inside out to ensure the screen-printing does not stick to the drum. Garments with hooks or zippers need to be fastened and where possible turned inside out. Place undergarments in a mesh bag to provide protection from other items in the load.

Use a drying rack to dry wool garments (available as an optional accessory).

2. Loading

Garments need to be loaded properly to reduce the likelihood of them wrinkling and to ensure the load is dried evenly. Make sure there is ample room for the garments to tumble freely while drying. Load in terms of the space the garments will take up when dry, rather than when they are wet.

The general rule is: one wash load = one dryer load.

It is a good idea to dry 'permanent press' type garments together in a separate cycle with the **EXTRA CARE** option turned on. This will help reduce wrinkles and the need for ironing.

3. Clean the lint filter

Clean the lint filter each time you use the dryer, before or after each load.

Important!

Operate your dryer with the lint filter in place at all times.

4. Selecting a cycle

Your dryer has a number of **FABRIC CARE** cycles that can be used to dry different types of garments:

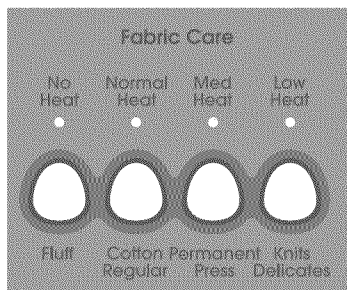


Fig.29 Dry cycles

Select an automatic or timed cycle. See the below cycle descriptions.

Select a drying cycle that matches the type of load you are drying. Different fabrics have different drying requirements, so it is important to choose the cycle that best describes the load. If your load contains mainly delicate items it is best you select the **KNITS DELICATES** cycle.

Important!

Always follow the garment manufacturer's care label instructions when drying.

If you are unsure of the temperature to select for a load, it's best to select a lower heat rather than a higher heat, eg the **KNITS DELICATES** or **PERMANENT PRESS** cycle instead of the **COTTON REGULAR** cycle.

Choose the **FLUFF** cycle for items requiring drying without heat. The cycle is perfect for airing clothes or to freshen up garments that have been packed in a suitcase or drawer.

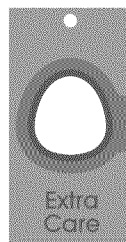
Select **COTTON REGULAR** for drying general cottons such as sheets, sweats and knits. This cycle uses a high heat to dry clothes quickly. Suitable for garments labeled 'tumble dry'.

Use the **PERMANENT PRESS** cycle for drying lightweight fabrics. A medium heat is used to reduce wrinkles. Ideal for lightweight cottons, casuals and items labeled 'tumble dry with a medium heat'. This cycle automatically selects the **DEWRINKLE** option to reduce wrinkles.

Choose the **KNITS DELICATES** for heat sensitive items, this cycle uses a low heat. Use this setting when care labels recommend low heat settings or for garments with a synthetic fiber content, where overheating could cause damage to fibers.

Extra care

Minimizes the likelihood of wrinkles forming in clothes if you are not able to unload the dryer straight away.



5. Selecting the dryness level

The desired dryness level can be altered. There are two dryness levels to choose between:

- **MORE DRY +**
- **LESS DRY -**

Refer to page 28 for dryness level descriptions.

At the end of the cycle, if the clothes are still damp or are too dry, next time just adjust the dryness level on the timer to meet your personal preferences.

6. Selecting the drying process

There are two ways in which your dryer is able to dry clothes; by using automatic drying or by using **TIMED DRY**.

Automatic drying

When automatic drying is selected the dryer automatically senses the dryness level of the load and turns off when the clothes are dry. The dryer's internal computer measures the moisture content of the load using metal sensing bars and together with a temperature sensor determines when the clothes have reached the selected dryness level (Refer to above – 'Selecting the dryness level').

For optimum clothes care, match the cycle to the load. Automatic drying often provides the best results and leads to lower energy costs than **TIMED DRY**.

Note: as automatic drying relies on items of the load contacting sensors, it will not work when the drying rack accessory is used.

TIMED DRY

There are three timed cycles. You can choose between 40, 60 and 80 minutes. A **COOL DOWN** period of 10 minutes is included in the three cycles.

To select a timed cycle, set the cycle selector dial at the desired drying time you want your dryer to run for. Throughout the cycle, the cycle selector dial will rotate towards the end of the cycle.

During TIMED DRY, the dryer does not sense when the clothes are dry. This may cause over-drying. We recommend that you dry your clothes for a slightly shorter time than you think they need, or check on them regularly (to avoid over-drying).

7. Beginning the drying cycle

Once you have chosen all your desired settings, close the dryer door and press **START** (located on the right-hand side of the control panel).

Opening the door during the operation will stop the dryer.

To restart the dryer, close the door and select **START** to complete the cycle.

8. Stopping your dryer

Your dryer can be stopped during any stage of the drying process, to allow you to check on your load or add/remove clothes.

To do this, open the dryer door. There will be a slight delay as the drum slows down and stops.

Important!

If the cycle is interrupted before it progresses into COOL DOWN, parts of the drum may be hot.

Caution should be taken if removing items.

To start your dryer again, press **START**.

9. Changing cycles during operation

If you wish to change the drying cycle you have chosen after the machine has already begun drying, press your new cycle selection on the control panel.

10. Fabric softener sheets





If you want to use fabric softener sheets, you must ensure that they are labeled 'dryer safe'. Always follow the instructions on the packaging. Do not place them in a dryer with warm clothes as there is a chance the fabric softener may stain clothes. Only use a softener sheet once, then discard it.






11. Beeps





At the end of the cycle, the dryer will beep to let you know that the load is finished. The drum will automatically come to rest, allowing you to open the door and remove your load.

36 Care labels

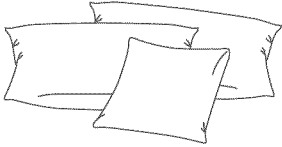
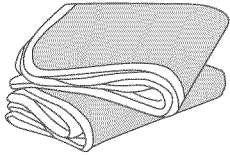

Below is a selection of care label symbols that garment manufacturers use to show how their garments should be dried. We've converted these symbols into the cycles and heat settings that we recommend you use in the dryer. By following our recommendations, you can ensure that your clothes will retain their appearance over time.

Tumble dry symbols	Normal 	Permanent Press 	Delicate 	Do not Tumble Dry 
Cycle we recommend	COTTON REGULAR	PERMANENT PRESS	KNITS DELICATES	FLUFF with drying rack

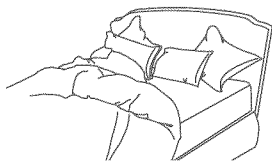
Tumble dry symbols	Any Heat 	High 	Medium 	Low 	No Heat 
Cycle we recommend	Any cycle	COTTON REGULAR	PERMANENT PRESS	KNITS DELICATES	FLUFF

Additional drying instructions	Hang to Dry 	Drip Dry 	Dry in Shade 	Dry Flat 
Cycle we recommend	Do not place articles with these symbols in the dryer.		Use drying rack	

There are some articles that need to be dried in a special way. Before you dry any item that is not described in the dryer's cycles (page 33), refer to the table below. Always remember to follow the manufacturer's instructions.

Item	Special instructions
<p>Pillows</p> 	<p>Check the care label – Can the pillow be dried in the dryer?</p> <p>Do not dry foam rubber pillows.</p> <p>It is important that before placing a pillow in the dryer you check for weak seams where feathers or fillings could escape.</p> <p>You can dry one average sized pillow at a time.</p> <p>Choose the KNITS DELICATES and set 20 minutes drying time.</p> <p>It's best to place the pillow on a drying rack to avoid any chance of the filling escaping, balling or clumping.</p> <p>Check the pillow at regular intervals.</p> <p>If you are using a drying rack, you will need to turn the pillow at regular intervals to ensure even drying.</p> <p>Note: it is important to completely dry the pillow to prevent mildew from forming.</p>
<p>Blankets</p> 	<p>Check the care label – Can the blanket be dried in the dryer?</p> <p>Include 4 – 5 medium sized towels along with the blanket for cushioning. This will help stop shrinkage from over tumbling.</p> <p>Choose the KNITS DELICATES cycle and set 20 – 25 minutes drying time.</p> <p>On completion, remove the blanket, shake and, if needed, stretch the blanket back to its original shape. Place it back in the dryer and repeat until the blanket is dry.</p> <p>Note: it is important to completely dry the blanket to prevent mildew from forming.</p>
<p>Plastic Foam rubber Rubber-backed products</p>	<p>Do not dry products containing foam rubber, plastic or rubber on any cycle other than FLUFF.</p> <p>Drying these types of garments on any cycle other than FLUFF is a FIRE RISK.</p>
<p>Sports shoes</p> 	<p>Place the shoes on the drying rack.</p> <p>Use TIMED DRY, set for 20 minutes, select the KNITS DELICATES cycle.</p> <p>Check the shoes at regular intervals.</p> <p>At the end of the cycle check if the shoes are dry. If they are still damp set the dryer for a further 20 minutes.</p>

Item	Special instructions
Extra large items (including bedspreads and comforters)	<p>Check the care label – Can item be dried in the dryer?</p> <p>Use a low heat setting. We recommend KNITS DELICATES and automatic drying.</p> <p>Select the MORE DRY + Dryness Level.</p> <p>It is best to check the item halfway through the cycle to ensure even drying.</p> <p>If the item contains feathers add a heavy item (eg a damp towel tied in a knot) to the load to help fluff the comforter.</p>
"In Dryer" Dry-cleaning products	<p>Ensure the dry-cleaning product is recommended for use in a domestic dryer.</p> <p>Follow the manufacturers instructions for how to prepare the load.</p> <p>Set the dryer to the PERMANENT PRESS cycle, this cycle uses a medium heat. Select TIMED DRY for 40 minutes.</p> <p>At the end of the cycle remove the dry-cleaning product from the machine and continue to follow the dry-cleaning product's instructions.</p>



Other features

Drying rack

A drying rack Kit Part No WE1M396 is available as an optional accessory. This rack helps to dry items such as sports shoes, sweaters, hats, stuffed toys and pillows – all those delicate items that are best dried without tumbling. Contact your Fisher & Paykel Dealer.

Always use **TIMED DRY** when using the drying rack and a cycle with low temperatures, eg **KNITS DELICATES** or **PERMANENT PRESS** (see 'Selecting a cycle' page 33).

Do not use the drying option, as the machine is unable to sense articles placed on the drying rack and cannot determine when articles are dry. When placing items on the drying rack make sure they do not hang over the edge of the drying rack.

Important!

Check articles throughout the cycle to avoid over-drying.

You must not tumble other clothes while you are drying items on the drying rack.

Drum lamp (optional on some models)

Before replacing the light bulb, be sure to unplug the dryer power cord or disconnect the dryer at the household distribution panel by removing the fuse or switching off the circuit breaker. Reach above the dryer opening from inside the drum. Remove the bulb and replace with the same size bulb.

Clean your dryer with a soft damp cloth and wipe dry. Do not use scouring cleaners as they can damage the paint and plastic surfaces.

Interior

The drum is rust-resistant. However, colored fabrics which lose color or bleed in the washer may cause discoloration of the dryer drum. We recommend that the dryer drum be cleaned with a cloth using a detergent and water paste or a mild abrasive, such as Soft Scrub®. Complete cleaning by thoroughly wiping the drum with a moist cloth. Then tumble-dry several wet rags or old towels for 20 to 30 minutes before using the dryer normally.

Exterior

Wipe off any spills or washing compounds. Wipe or dust with a damp cloth. Try not to strike the surface with sharp objects. Dryer control panel and finishes may be damaged by some laundry pretreatment soil and stain remover products if such products are sprayed on or have direct contact with the dryer.

Pre-treatment sprays

Do not use pre-treatment sprays or liquids on or near your dryer as they can damage your machine's control panel as well as any of its plastic parts. Damage to your dryer caused by pre-treatment products will not be covered by your warranty.

Stains

If stains appear inside the drum of your machine, mix a detergent and water paste (or use a non-flammable liquid cleaner) and wipe over the stain with a soft cloth. Then tumble old towels for 20 – 40 minutes on the **FLUFF** cycle to remove all traces of the cleaner.

Lint filter

The lint filter will need to be cleaned before each time you use the dryer. It is easier to remove the lint when your fingers are moistened. A lint filter that is clean ensures your clothes will remain lint-free and your dryer will operate at maximum efficiency.

Regularly inspect the outdoor exhaust opening. Remove any accumulated lint from this area and any surrounding areas.

Storage

To store your dryer for a short period of time, disconnect the power supply and clean the lint filter.

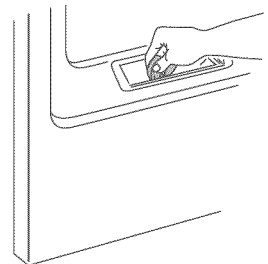


Fig.30 Cleaning the lint filter

Exhaust duct

Inspect and clean the dryer exhaust ducting at least once a year to prevent clogging. A partially clogged exhaust can lengthen the drying time.

To clean the exhaust duct follow these steps:

- 1 Turn off electrical supply by disconnecting the plug from the wall socket.
- 2 Disconnect exhaust duct from the dryer.
- 3 Vacuum the exhaust duct with hose attachment or attach a rag to a pole or drain cleaning wire and clean duct.

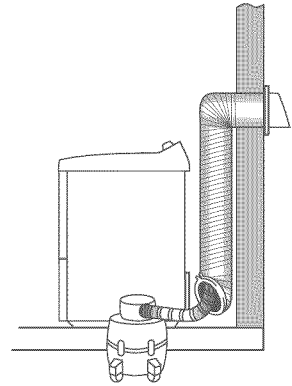


Fig.31 Cleaning the exhaust duct

Exhaust hood

- Make sure the inside flaps of the exhaust hood move freely (you may want to check with a mirror).
- Make sure inside flaps are fully open when dryer is operating.
- Make sure there is not wild life (birds, insects, etc) nesting inside the exhaust duct or hood.

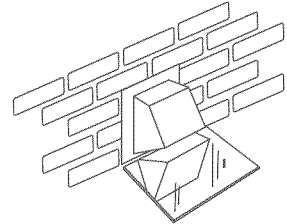


Fig.32 Checking the exhaust hood

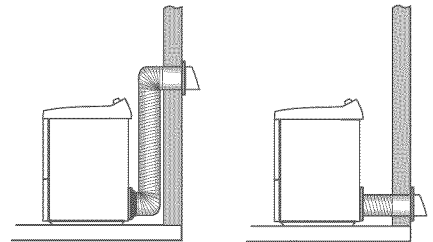
Venting

For best drying performance, the dryer needs to be properly vented.

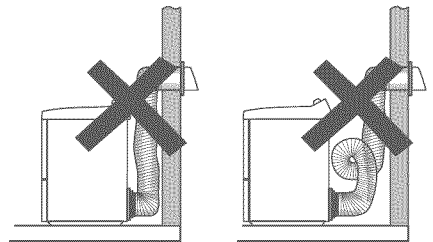
To keep your dryer operating at peak performance, be sure to have a technician vacuum the lint from the machine every three years.

Carefully follow the details on exhausting in the 'Installation instructions'.

- Use only rigid metal or flexible metal 102 mm (4") diameter ductwork inside the dryer cabinet or for exhausting to the outside.
- Use the shortest length possible.
- Do not crush or collapse.
- Avoid resting the duct on sharp objects.
- Do not use plastic or other combustible ductwork.
- **Venting must conform to local building codes.**



Correct venting



Incorrect venting

Fig.33 Correct and incorrect venting

If there is a problem with your appliance, please check the following points before contacting your local Fisher & Paykel Appliances Authorized Service Center Dealer or Customer Care Center.

Problem	Possible causes	What to do
Dryer doesn't start.	Dryer is unplugged.	Make sure the dryer plug is pushed completely into the outlet.
	Fuse is blown/circuit breaker is tripped.	Check the house fuse/circuit breaker box and replace fuse or reset breaker. Note: most electric dryers use two breakers.
Dryer doesn't heat.	Fuse is blown/circuit breaker is tripped, the dryer may tumble but not heat.	Check the house fuse/circuit breaker box and replace fuse or reset breaker.
	Gas service is off.	Make sure gas shutoff at dryer and main shutoff are fully open.
Dryer shakes or makes excessive noise.	Some shaking/noise is normal. Dryer may be sitting unevenly.	Move the dryer to a flat place on the floor, or adjust feet as necessary until even.
Greasy spots on clothes.	Improper use of fabric softener.	Follow directions on fabric softener package.
	Drying dirty items with clean ones.	Use your dryer to dry only clean items. Dirty items can stain clean items and the dryer.
	Clothes were not completely clean.	Sometimes stains which cannot be seen when the clothes are wet 'appear' after drying. Use proper washing procedures before drying.
Lint on clothes.	Lint filter is full.	Clean lint screen before each load.
	Improper sorting.	Sort lint producers (like chenille) from lint collectors (like corduroy).
	Static electricity can attract lint.	See suggestions in this section under static.
	Overloading.	Separate large loads into smaller ones.
	Paper, tissue, etc. left in pockets.	Empty all pockets before laundering clothes.
Static occurs.	Overdrying.	Try a fabric softener. Adjust controls for less drying.
	No fabric softener was used.	Try a fabric softener.
	Synthetics, permanent press and blends can cause static.	Try a fabric softener.

Problem	Possible causes	What to do
Clothes take too Long to dry.	Improper sorting.	Separate heavy items from light-weight items (generally, a well-sorted washer load is a well-sorted dryer load).
	Large loads of heavy fabrics (like beach towels).	Large, heavy fabrics contain more moisture and take longer to dry. Separate large, heavy fabrics into smaller loads to speed drying time.
	Controls improperly set.	Match control settings to the load you are drying.
	Lint filter is full.	Clean lint filter before every load.
	Improper or obstructed ducting.	Check 'Installation instructions' for proper ducting/venting (pages 11 – 17). Make sure ducting is clean, free of kinks and unobstructed. Check to see if outside wall damper operates easily. See the 'Exhaust venting' section.
	Blown fuses or tripped circuit breakers.	Replace fuses or reset circuit breakers. Since most dryers use 2 fuses/breakers, make sure both are operating.
	Overloading/combining loads.	Do not put more than one washer load in the dryer at a time.
	Underloading.	If you are drying only one or two items, add a few items to ensure proper tumbling.
Clothes are wrinkled.	Overdrying.	Select a shorter drying time. Remove items while they still hold a slight amount of moisture.
	Letting items sit in dryer after cycle ends.	Remove items when cycle ends and fold or hang immediately.
Clothes shrink.	Some fabrics will naturally shrink when washed. Others can be safely washed, but will shrink in the dryer.	To avoid shrinkage, follow garment care labels exactly. Some items may be pressed back into shape after drying. If you are concerned about shrinkage in a particular item, do not machine wash or tumble dry it.

When you purchase any new Fisher & Paykel whiteware product for personal or consumer use you automatically receive an 18 month limited warranty covering parts and labor for servicing within the 48 mainland United States, Hawaii, Washington DC and Canada. In Alaska the limited warranty is the same except that you must pay to ship the product to the service shop or the service technician's travel to your home. Products for use in Canada must be purchased through the Canadian distribution channel to ensure regulatory compliance.

If the product is installed in a motor vehicle, boat or similar mobile facility, you receive the same 18 month limited warranty, but you must bring the vehicle, boat or mobile facility containing the product to the service shop at your expense or pay the service technician's travel to the location of the product.

Fisher & Paykel undertakes to:

Repair without cost to the owner either for material or labor any part of the product, the serial number of which appears on the product, which is found to be defective. In Alaska, you must pay to ship the product to the service shop or for the service technician's travel to your home. If the product is installed in a motor vehicle, boat or similar mobile facility, you must bring it to the service shop at your expense or pay for the service technician's travel to the location of the product. If we are unable to repair a defective part of the product after a reasonable number of attempts, at our option we may replace the part or the product, or we may provide you a full refund of the purchase price of the product (not including installation or other charges).

This warranty extends to the original purchaser and any succeeding owner of the product for products purchased for ordinary single-family home use.

All service under this limited warranty shall be provided by Fisher & Paykel or its Authorized Service Agent during normal business hours.

How long does this limited warranty last?

Our liability under this limited warranty expires 18 MONTHS from the date of purchase of the product by the first consumer.

Our liability under any implied warranties, including the implied warranty of merchantability (an unwritten warranty that the product is fit for ordinary use) also expires 18 MONTHS (or such longer period as required by applicable law) from the date of purchase of the product by the first consumer. Some States do not allow limitations on how long an implied warranty lasts, so this limit on implied warranties may not apply to you.

This warranty does not cover:

- A** Service calls that are not related to any defect in the product. The cost of a service call will be charged if the problem is not found to be a defect of the product. For example:
 - 1. Correcting faulty installation of the product.
 - 2. Instructing you how to use the product.
 - 3. Replacing house fuses, resetting circuit breakers, correcting house wiring or plumbing, or replacing light bulbs.
 - 4. Correcting fault(s) caused by the user.
 - 5. Changing the set-up of the product.
 - 6. Unauthorized modifications of the product.
 - 7. Noise or vibration that is considered normal, for example, drain/fan sounds, refrigeration noises or user warning beeps.
 - 8. Correcting damage caused by pests, for example, rats, cockroaches etc.
- B** Defects caused by factors other than:
 - 1. Normal domestic use or
 - 2. Use in accordance with the product's User Guide.
- C** Defects to the product caused by accident, neglect, misuse, fire, flood or Act of God.
- D** The cost of repairs carried out by non-authorized repairers or the cost of correcting such unauthorized repairs.
- E** Travel fees and associated charges incurred when the product is installed in a location with limited or restricted access. (eg. airplane flights, ferry charges, isolated geographic areas).
- F** Normal recommended maintenance as set forth in the product's User Guide.

If you have an installation problem contact your dealer or installer. You are responsible for providing adequate electrical, exhausting and other connection facilities.

We are not responsible for consequential or incidental damages (the cost of repairing or replacing other property damaged if the product is defective or any of your expenses caused if the product is defective). Some States do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you.

How to get service

Please read your User Guide. If you then have any questions about operating the product, need the name of your local Fisher & Paykel Authorized Service Agent, or believe the product is defective and wish service under this limited warranty, please contact your dealer or call us at:

USA and Canada

TOLL FREE 1.888.9.FNP.USA (1.888.936.7872) or visit us at www.elbaappliances.com

You may be required to provide reasonable proof of the date of purchase of the product before the product will be serviced under this limited warranty.

Commercial use

If you are using the product in a commercial setting (any use other than a single family dwelling), we agree to repair or replace, without cost to you for parts only, any defective parts, the serial number of which appears on the product. Our liability for these repairs expires ONE YEAR from the date of original purchase.

At our option we may replace the part or the product, or we may provide you a full refund of the purchase price of the product (not including installation or other charges). All service under this limited warranty shall be provided by Fisher & Paykel or its Authorized Service Agent during normal business hours.

No other warranties

This limited warranty is the complete and exclusive agreement between you and Fisher & Paykel regarding any defect in the product. None of our employees (or our Authorized Service Agents) are authorized to make any addition or modification to this limited warranty.

Warrantor: Fisher & Paykel Appliances, Inc.

If you need further help concerning this limited warranty, please call us at the above number, or write to:

Fisher & Paykel Appliances, Inc
5900 Skylab Road
Huntington Beach
CA 92647

This limited warranty gives you specific legal rights, and you may also have other rights which vary from State to State.

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The product specifications in this booklet apply to the specific products and models described at the date of issue. Under our policy of continuous product improvement, these specifications may change at any time. You should therefore check with your Dealer to ensure this booklet correctly describes the product currently available.

www.elbaappliances.com

US
Clothes dryer
Installation Instructions and User Guide
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