

# **WASHER**

Model 824

# **OWNER'S MANUAL**



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Please read the Owner's Manual carefully before using your new Fully Automatic Washer

# WARRANTY INFORMATION

Your appliance is protected by this warranty under normal, personal, family or household use (1 Year), and limited commercial use (90 days), in the USA and Canada.

#### WARRANTY

Equator Appliances undertakes to the consumer-owner to repair or, at our option, to replace to replace any part of this product which proves to be defective in workmanship or material under normal personal, family or household use, in the USA and Canada, for a period of one year from the date of original purchase. For commercial use, the product is warranted for a period of 90 days. During this period, we will provide all labor and parts necessary to correct such defect, free of charge, if the appliance has been installed and operated in accordance with the written instructions with the appliance. Ready access to the appliance, for service, is is the responsibility of the consumer-owner.

# **EXCLUSIONS**

In no event shall Equator Appliances be liable for incidental or consequential damages or for damages resulting from external causes such as abuse, misuse, incorrect voltage or acts of God. This warranty does not cover service calls which do not involve defective workmanship or materials covered by this warranty. Accordingly, diagnosis and repair costs for a service call which does not involve defective workmanship or materials will be the responsibility of the consumer-owner.

Specifically, the following work is not covered under warranty and does not constitute warranty work:

Installation – e.g. improper hook-up or leveling or non-removal of shipping rods Maintenance – e.g. cleaning of air and/or water filter Damage – e.g. replacing broken door handle

Most work is covered. The defining factor is, has the machine malfunctioned (Equator Appliances is responsible) or has the customer omitted or done something to cause machine to malfunction (customer is responsible). 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.

## WARRANTY SERVICE

This warranty is given by:

Equator Appliances 10216 Georgibelle Drive, Suite 900D Houston, TX 77043-5249

#### For Service:

Call 1-800-776-3538

Email: service@appliancedesk.com Web: www.ApplianceDesk.com

Business hours (9:00 a.m. to 5:00 p.m. weekdays).

#### **GENERAL**

Since it is responsibility of the consumer-owner to establish the warranty period by verifying the original purchase date, the Equator Appliances recommends that a receipt, delivery slip or some other appropriate payment record be kept for that purpose. Remember to send to send in your Warranty Registration Card so that a proof of your purchase exists with the Equator Appliances. You can also register online by typing the following link

**www.ApplianceDesk.com**. This warranty gives you specific legal rights, and you may also have other rights which vary from State to State.

All rights reserved. Manual subject to change without notice.



## **Electrical Testing Laboratories**

US N° 4007606 CANADA
The ETL Listed Mark is the legal equivalent to the UL and CSA Listed Marks

# **TECHNICAL DATA**

Model	EW 824	
Rated Voltage	110-120V/60Hz 5A	
Washing input power	240 W	
Spin input power	450 W	
Capacity	13 lbs.	
Spin Speed	1200 rpm	
Programs	14	
Water pressure	0.05-1(Mpa)	
Dimensions (HxWxD)	33.5 x 23.6 x 22 (inches)	
Net Weight	152 lbs.	

# INTRODUCTION

Congratulations on your new Washer. In addition to its contemporary design, this is a highly sophisticated engineered product that will give you many years of satisfaction.

## Here are some of the best reasons for buying your Washer

### 1. Easy Operation

This appliance is simple to use as a washer.

### 2. Improved Operation

With a high spin speed of 1200 rpm, more water is extracted, allowing improved dry times.

#### 3. Convenience

This appliance can be permanently installed and be made portable with the installation of the portability kit (sold separately) where needed.

#### 4. Placement Options

The Washer's sleek design makes it a perfect appliance for any kitchen or laundry room. Its compact size makes the Washer perfect for placement on each floor of your home.

#### 5. Better Clothing Appearance

This Washer has no agitator to damage your clothes so they look better and last longer.

### 6. Water Savings

This appliance uses very little water for washing and far less than a standard full size top-loading washer. A new feature introduced is automatic water level which helps in saving water as it automatically decides the water intake depending on the quantity of your clothes.

### 7. Energy Savings

This appliance is engineered to provide valuable energy savings when compared to other washers

#### 8. Maintenance

Since the machine has a self-cleaning pump, this appliance needs no cleaning of lint after drying. Instead, there is a convenient coin trap.

## 9. Space Savings

The washer is of optimum size thus saving previous space around your home.

#### 10. Add a sock

In this feature, the program can be stopped at any time to add forgotten items to the wash. Press PAUSE for 5 seconds. Door will open after draining water so that it does not overflow. Load clothes. Close door. Press the START button. Washer will continue from the point it stopped.

# **IMPORTANT SAFETY INSTRUCTIONS**

## Your safety and that of your children

Your washing machine has been built in compliance with safety regulations, to protect you and all your family.

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

- 1. Read all instructions before using the appliance.
- 2. Do not wash or dry articles that have been previously cleaned in, washed in, or spotted with gasoline, dry-cleaning solvents, other flammable or explosive substances, as they emit vapors that could ignite or explode.
- 3. Do not allow children to play on or in the appliance. Close supervision of children is necessary when the appliance is used near children.
- 4. Before the appliance is removed from service or discarded, remove the door.
- 5. Do not reach into the appliance if the tub or drum is moving.
- 6. Do not install or store this appliance where it will be exposed to the weather.
- 7. Do not tamper with controls.
- 8. Do not repair or replace any part of the appliance or attempt any servicing unless specifically recommended in the user-maintenance instructions or in published user-repair instructions that you understand and have skills to carry out.
- 9. Do not add gasoline, dry-cleaning solvents, or other flammable or explosive substances to the wash water. These substances give off vapors that could ignite or explode.
- 10. Under certain conditions, hydrogen gas may be produced in a hot water system that has not been used for 2 weeks or more. HYDROGEN GAS IS EXPLOSIVE the hot water system has not been used for such a period, before using a washing machine or combination washer-dryer, turn on all hot water faucets and let the water flow from each for several minutes. This will release any accumulated Hydrogen.
- 11. Do not use fabric softeners or products to reduce static unless recommended by the manufacturers of the fabric softener product.
- 12. Do not use heat to dry articles containing foam rubber or similarly textured rubber-like materials.
- 13. Check the Coin Trap every few months to remove any coins, buttons or similar size objects.
- 14. For vented washer-dryers keep the exhaust opening and surrounding areas free from accumulation of lint, dust, and dirt.
- 15. Do not place items exposed to cooking oils in your dryer. Item contaminated with cooking oils may contribute to a chemical reaction that could cause a load to catch fire.

### SAVE THESE INSTRUCTIONS

### SAFETY



RISK OF ELECTRIC SHOCK DO NOT OPEN

CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER (OR BACK!. NO USER SERVICABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PROFESSIONALS. The model number and the serial number are on the label affixed to the back of the unit. These numbers are also available on the front of the cabinet behind the door.

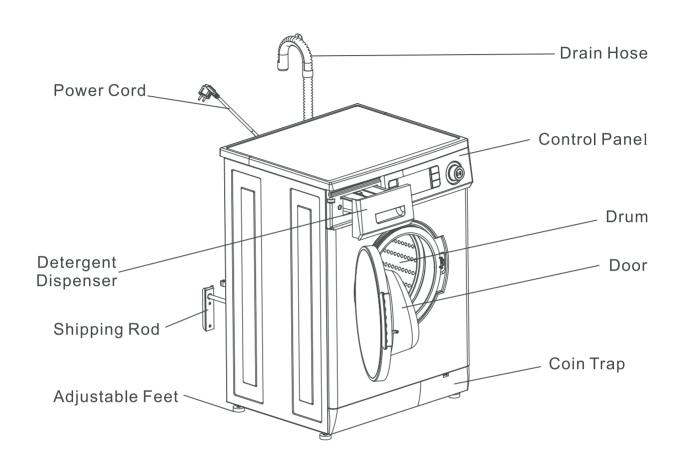
You should note the model and serial numbers of this unit in the space provided. Retain this booklet as a permanent record of your purchase to aid in identification in the event of theft.

MODEL#_		
SERIAL#		

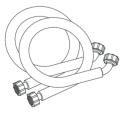
# HELPFUL HINTS FOR WASHER EFFICIENCY

- 1. FABRIC SOFTENER: After the wash cycle, the clothes can get stuck to the sides of the drum. USING LIQUID FABRICSOFTENER WILL CAUSE THE CLOTHES TO UNSTICK IMMEDIATELY AND TUMBLE IN THE DRYCYCLE. THIS HELPS DRY CLOTHES FASTER AND CAUSES LESS WRINKLES
- **2. OVERLOADING:** The drum has a capacity of 13 lbs (1.57 cu. ft.) While this unit has one of the largest drum available on any combination washer-dryer, it is smaller than a standard U.S. washer. drum should not be overloaded. With too many clothes, airflow is reduced, increasing drying time. The drum should be filled to a maximum 2/3 rd full.
- **3. OVER DRYING:** The condensing dryer uses cold water is used to condense the moisture from the hot air. Since there is no external exhaust system, the moisture remains in the machine. Frequently, when it seems the clothes are damp, it is actually the remaining moisture (like dew). Take clothes out and within a few minutes they will be dry. Do not over dry the clothes. The exhaust system uses air-dry.
- **4. USE HIGH EFFICIENCY (HE) DETERGENT:** By using High Efficiency (HE) detergent, you are preventing suds from entering the condensing chamber. When suds enter the condensing chamber, the particles can clog up the chamber and the fan blower. Over time, this reduces drying efficiency and may require the fan blower (impeller) to be cleaned. For this and all other front loading/horizontal-axis units, High Efficiency (HE) detergents go a long way to improve the efficiency of the units.
- **5. SORTING:** When sorting laundryalways take into consideration the quantity and type of fabric contained in the load. Highly absorbent fabrics such as those used in towels or jeans will absorb more water and become very heavy when saturated. If you notice that your clothes are taking longer than usual to dry you may be overloading the machine, or washing too many highly absorbent articles for a single load.

# DIAGRAM OF THE FULLY AUTOMATIC WASHER



# Factory-supplied Parts



Inlet hose (2)



U-Connector for Drain hose



Cap for shipping rod hole (2)

# **PRE-INSTALLATION**

- **1.** The unit must be installed on a strong level floor, and in protected, dry, and well-ventilated area close to a power and water supply of sufficient capacity, and the correct outlet.
- 2. Installation on Carpet or Wood increases vibrations.
  - Carpets place on light carpet only.
  - Wood brace floor with screws and/or place additional sheets of plywood before installation.
- **3.** This unit's installation and grounding should be done in accordance with local codes by a qualified installer. "Installation Instructions" are included in this manual for the Installer's reference.
- **4.** The unit should be plugged into a properly grounded three (3) prong electrical outlet of 110V/60Hz with minimum 15 Amps, It should not be controlled by a wall switch or pull cord which might be turned off accidentally.

# **INSTALLATION INSTRUCTIONS**

## Handling

Please handle the machine carefully and use appropriate means while lifting and moving the machine so that it does not get damaged. Do not drag the machine to avoid damage to your flooring and also to the machine. Do not hold on to protruding parts when lifting.

# Disposing of the packaging

The shipping package has protected your new washing machine on its way to your home. All packaging materials are non-polluting and recyclable. Please contribute to a better environment by disposing of packaging materials in an environmentally conscious manner.

# ▲ DANGER ▲

Keep children away from shipping carton and packaging components. Danger of suffocation from plastic foil and folding cartons.

# Disposing of your old appliance

Old appliances are not worthless trash! Valuable raw materials can be recycled from old appliances.

To prevent children from locking themselves in the appliance, disable the door lock or remove the door.

# Factory-supplied equipment

Inside the drum there is a packet of accessory parts supplied with your washer. Check that all the accessory parts supplied for your model are there. If any parts are missing contact your dealer.

Any residual moisture inside the drum is due to the final testing which every washing machine undergoes before leaving the factory.

#### Installation area

# **▲** DANGER**▲**

Appliance stability is very important otherwise the washing machine could "wander" during the spin cycles.

The installation area must be solid and even. Soft floor surfaces, such as carpets or surfaces with foam backing, are not suitable.

# ▲ DANGER ▲

Do not install the washing machine outdoors or in an area exposed to freezing conditions. Frozen hoses can tear/burst.

If the washing machine is located in a room which will be exposed to temperatures below freezing point, or if it is located in a cabin that is being shut down for the winter, any residual water in the pump or water inlet hoses must be drained.

# **UNPACKING, LEVELING & POSITIONING**

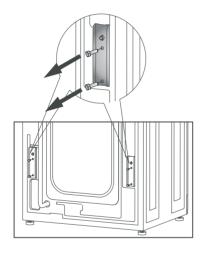
# Removing the shipping rods

**Caution:** The shipping rods must be removed before using the appliance for the first time and must be retained for any future transport(e.g. when moving).

Remove the packing and check that the Washer is undamaged. If you have any doubt, do not use the Washer and call Customer Service. Keep all packing parts (plastic bag, foam rubber, screws, etc.) out of the reach of children since they could be dangerous.

**Important**: The inside of the Washer consists of a free floating drum that is affixed with shipping rods at the back of the cabinet (Fig.1) during transport. Before starting the machine, remember to remove the shipping rods (Fig.2). Close the holes left open by the rods with the plastic caps provided (Fig. 3).

It is important for the machine to be perfectly level. For this reason, the machine is fitted with adjustable feet used for leveling the machine before use (Fig.4).



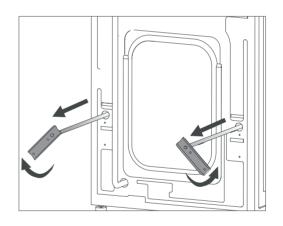
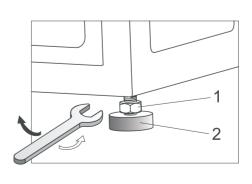


Fig.2

Fig.1

Fig.3



# **ELECTRICAL**

### CONNECTION

Connect the plug to a power outlet – 110V/60Hz with minimum 15 Amps. Make sure that the voltage and frequency available correspond with those stated on the serial number plate located on the machine. Do not use adaptors or extension cords since they could result in overheating and burn out.

## **POWER SUPPLY**

#### CAUTION NEVER USE AN EXTENSION CORD WITH THIS APPLIANCE.

This Washer must be connected to an individual circuit identical to the one specified on the rating plate of the loading port protected by fuses or circuit breaker conforming to local codes. **THIS APPLIANCE MUST BE PROPERLY GROUNDED**.

### **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. This appliance is equipped with a power 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.

#### **WARNINGS**

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

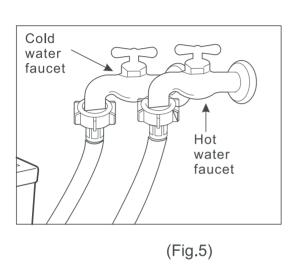
**Note:** If the electrical power supply does not meet the specifications listed above, please call a licensed electrician.

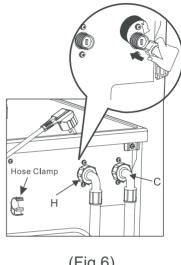
# PLUMBING

### CONNECTING TO THE WATER FAUCET

Please read the following steps carefully

- 1. Connect the straight end of the hot-water hose to the hot-water faucet (Fig.5)
- 2. Connect the straight end of the cold-water hose to the cold-water faucet (Fig. 5)
- 3. Connect the L-shaped end of the hot-water hose to the inlet valve marked "H" (Fig.6)
- 4. Connect the L-shaped end of cold-water hose to the inlet valve marked "C" (Fig.6).

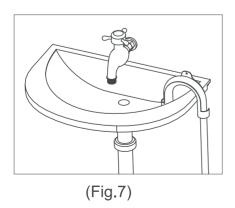




(Fig.6)

# **CONNECTING THE DRAIN HOSE**

Connect the drain hose to a drain duct (with internal diameter of at least 1.6 inches) or place it for drainage in to a sink or a tub, ensuring that there are no kinks or bends. The free end must be at a height of 24"-40" from the floor. The hose can be held in place using the white plastic clamp on the upper part of the back panel (Fig.6)



Height difference between the installation location of the washing machine and the drainage point: Minimum 24", and Maximum 40".

- Attach water drain hose to U-Connector.
- Hook the U-Connector over the side or stand pipe (Fig 7.)
- When the water is being drained, check that the water flow out of the hose is adequate.

# **PROGRAM SELECTION CHART**

Program	Description of load	Features	Suggested Washing times
- Heavy	Thick cottons (towels, jeans)	Hot water wash 1000 rpm spin	60 minutes
- Towels	Mixed cottons (t-shirts, jeans)	Hot water wash 1000 rpm spin	55 minutes
- NORMAL	Mixed cottons	1000 rpm spin Warm water wash	50 minutes
- Quick Wash	Cotton blends, light fabrics	Cold water wash 1000 rpm spin	40 minutes
- Kids	Cotton blends, light fabrics	Warm water wash 500 rpm spin	40 minutes
- Delicate	Silks	Cold water wash 500 rpm spin	40 minutes
- Wool	Woolens	Cold water wash 500 rpm spin	40 minutes

# **USEFUL TIPS**

#### **Denim Alert:**

Some overalls have straps with hooks that can damage the drum of your washing machine or other garments during the wash. To minimize the risk, place hooks in the pocket and fasten with safety pins.

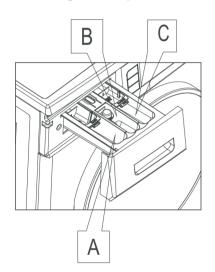
#### Vacations: unplug the appliance:

It is recommended that you should unplug the machine from the socket and turn off the water supply. Leave the door ajar to allow air circulation to the draw and the door gasket area. This will prevent unpleasant odors.

# **OPERATING INSTRUCTIONS**

- 1. Make sure the Washer is turned off. (Power Indicator light should be off).
- 2. Separate clothes by type, color and degree of soiling.
- 3. Load clothes of the selected type loosely into the drum.
- 4. Close the Washer. You will hear a click when it is correctly closed.
- 5. Add detergent to Dispenser A. Use High Efficiency (HE) detergent about 1 table spoon. If desired, you can add about 1 tablespoon. If desired, you can add pre wash detergent and fabric softener as shownin the diagram to Dispenser B and C.

### **Detergent Dispenser**



Dispenser A:

**Detergent for main wash** 

Dispenser B

Fabric softener

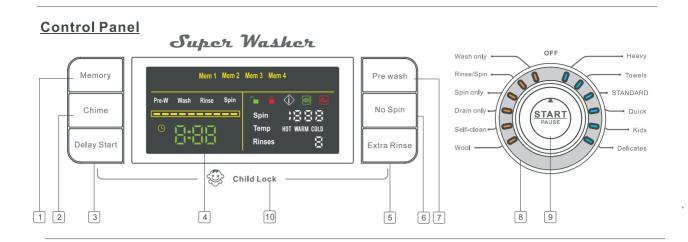
Dispenser C

Detergent for pre-wash.

Dispensers A and C, for wash and pre-wash detergents, have blue compartments within them. These compartments are only for liquid detergents. Please do not put powder detergents in them. Powder detergents should be placed directly in the dispensers. Please leave the blue compartments in place.

**Note:** Concentrated fabric softener must be diluted with a little water before being poured into the dispenser (prevents the overflow from becoming blocked).

Please don't add detergent in Dispenser C, if the Pre-wash cycle has not been selected.



Memory button

Press this button to select one of the four memory positions, then select the options for your favorite washing cycles, then press this button for three seconds to memorize. If you want to run the memorized program later, press this button to select one of them, then press Start/Pause button.

2 Chime button Press this button to turn on, or turn off the chime before you start the washing cycle.

Delay Start Press this button to select the delay time options from 1 to 24 hours in one hour increments.

If a change is to be made after the delay start time is set, turn the dial to "OFF" position, select the desired program again.

Graphic Displays the selected program and its condition, such as the temperature, spin speed, remaining time, rinse times, water level, and error messages.

5 Extra Rinse

Press this selection button to add one more rinse cycle to the selected washing program.

button

9

No Spin Press this selection button to eliminate the spin function. This function will keep the laundry in the rinse water after the last rinse cycle is finished. Press this button again, it will drain out the water and proceed to last spin cycle.

Pre Wash button

Press this button to add a prewash cycle to the selected washing program. This cycle is helpful to clean heavy soiled clothes.

8 Program Dial Turn this dial to power on/off, and select one of the 12 available programs depending on the laundry

Start/Pause button Press this button to start or interrupt the selected washing program, or turn the display on.

10 Child Lock

Press these two buttons for 5 seconds during the program is running, then all the buttons and knob will be locked to prevent the child from playing with the unit. Press these two buttons again, all the buttons and knob will be unlocked.

#### Add-a-sock Feature

The wash program can be stopped at any time to add forgotten items to the laundry.

Press PAUSE for 5 seconds

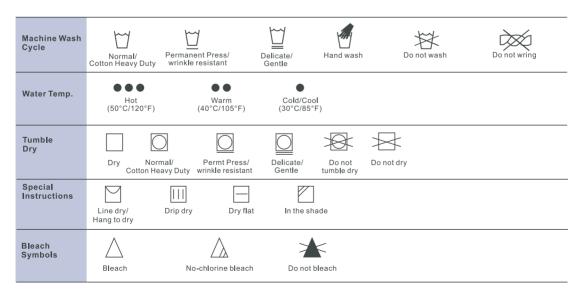
- Door will open after draining water so that it does not overflow.
- Load clothes. Close door.
- Press start. Washer will continue from the point it stopped.

The indicator light and the display will show the selected program.

Pressing the start button will lock the door and The wash cycle will start, until the whole program is completed. The door will be locked and cannot be opened until 2 minutes after the wash cycle ends. Please do not try to force the door open. **Breaking the door handle is not covered by warranty.** 

# **UNDERSTANDING FABRIC CARE LABELS**

The symbols on labels of your garments will help you in choosing the suitable wash program, the right temperature, wash cycles, and ironing methods. Please review the chart below.



# **WINTERIZING YOUR WASHER**

To winterize your Washer please, follow the instructions below to avoid damage to your unit due to freezing:

- **1.** With the unit off, remove coin trap. This will allow the water remaining in the pump and drain hose to be evacuated. Replace coin trap.
- 2. Close the water faucets and disconnect the inlet hoses. There should be no water in the hoses where they attach at the back of the machine.

### IF ANTIFREEZE IS BEING USED IN THE SYSTEM FOLLOW THESE INSTRUCTION\$:

(not necessary if the above drain procedure is followed)

- 1. When putting antifreeze into the water system of your coach, set the washer to the NORMAL wash setting and allow water to flow into unit until antifreeze is detected.
- 2. Turn off Power. Set the washer knob to the "Rinse" position and allow water to flow for 10 seconds.
- 3. Turn off Power. Set the washer knob on "Spin" to remove the majority of the water from the unit
- **4. Turn off Power.** With the unit off, remove coin trap from the unit. This will allow the water remaining in the pump and drain hose to be evacuated. Replace coin trap.
- 5. If you elect you may close the inlet shut-off valves (provided by installer) and disconnect the inlet hoses.
- 6. Any water remaining in the unit should contain antifreeze and be protected from freezing.

<u>Note:</u> When placing unit into service allow unit to operate for one complete cycle before doing laundry to ensure all antifreeze has been purged from the unit.

If you have any further questions pertaining to this matter please contact Technical Support.

# **MAINTENANCE**

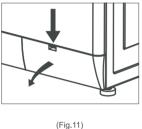
Your Washer has been designed to operate with easy maintenance.

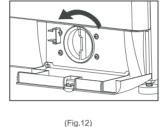
Follow these simple maintenance procedures to obtain optimum performance:

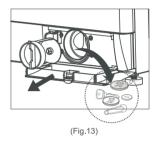
- 1. Ensure that your machine was installed according to the correct installation procedures detailed in this Manual.
- 2. Do not use solvents either to clean the machine or to wash clothes.
- 3. Keep the inside of the detergent dispenser clean
- 4. The drain pump of this Washer is a self-cleaning pump. It is therefore not necessary to carry out cleaning and maintenance operations. However, objects (such as buttons, coins, etc) may sometimes accidentally drop into the pump. Since there can't be expelled through the drain hose, please remove the cover panel at the bottom of the unit by holding down on the small tab and pulling the cover down (Fig. 11), remove the pump cover, and carefully inspect the inside. (Fig. 12). Be sure to close the cover after cleaning. The lab should be gently pulled up until you hear a click.

# Cleaning the coin trap

- Switch off the washing machine.
- Open the service flap. (bottom right corner)(Fig. 11)
- Carefully unscrew the coin-trap cover. A little residual water will flow out.(Fig. 12)
- Remove foreign objects/fluff from inside and clean the interior. (Fig. 13)
- The pump impeller wheel located behind the water filter, must be able to rotate. Remove detergent residue and fluff from the pump cover thread and pump housing.
- Insert the coin-trap cover and screw tight.
- Insert and close the service flap.





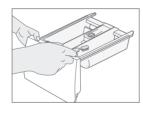


# Cleaning the Detergent drawer and Recess

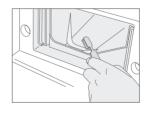
- Press the release lever on the inside of the drawer and pull it out. (Fig. 14)
- Remove the cap from the Fabric Softener compartment.
- Wash all of the parts under running water.
- Clean the drawer recess with an old toothbrush. (Fig. 15, Fig. 16)
- Reinsert the cap (Pushing it firmly into place).
- Push the drawer back into place.
- Run a rinse program without any laundry in the drum.







(Fig.15)



(Fig.16)

# STAIN REMOVAL CHART

#### **Blood**

Rinse or soak fresh stain in cold water. Work detergent into any remaining stain. Rinse. If stain persists, put a few drops of ammonia on stain and repeat detergent treatment. Rinse. If necessary bleach.

#### **Burn Marks**

Rinse or soak in cold water. Work detergent into stain. Rinse. Bleach, if necessary. Stain may be impossible to remove

### **Candle Wax**

Scrape off excess. Place stain between clean white blotters or several layers of facial tissues. Press with warm iron. Sponge with cleaning fluid. If dye spot remains, bleach.

#### **Chewing Gum**

Rub with ice to harden. Scrape off excess with dull blade. Sponge with cleaning fluid.

#### Chocolate or Cocoa

Soak 15 minutes in cold water. Rub detergent paste into stain, then rinse thoroughly. Launder in hottest water safe for fabric. If colored stain remains, sponge with hydrogen peroxide, rinse and launder.

#### Coffee or Tea

Soak fresh stains immediately in cold water. Then use bleach treatment with hottest water safe for fabric.

# Cosmetics: eye shadow, lipstick, liquid make-up, mascara, powder, pancake make-up or rouge

Apply undiluted liquid detergent to stain, or dampen stain and rub in soap or detergent paste until thick suds are formed. Work in until stain is gone, rinse well. Repeat if necessary. If color remains, bleach if safe for fabrics.

#### Cream, Ice Cream or Milk

Sponge stain with cool water or soak stain in cool water for 30 minutes or longer. If stain remains, work detergent on spot then rinse. Bleach if necessary.

### **Deodorants and Antiperspirants**

Wash or sponge stain thoroughly with warm water and detergent; rinse. If stain remains, bleach with hot sudsy water. Launder. You may be able to restore fabric color by sponging with ammonia. Rinse thoroughly.

#### Dve

Rinse or soak in cold water. Work detergent into stain. Rinse. If necessary, bleach. Stain is not always possible to remove. A commercial color remover may also be used.

### **Egg or Meat Juice**

Rinse in cold water. If stain remains, sprinkle with meat tenderizer, let stand 15-20 minutes. If stain still remains, sponge with cleaning fluid or diluted bleach. Launder in hot water. The use of hot water first may set stain.

#### **Fabric Softener Stain**

Rub with bar soap until stain has lightened. Rinse thoroughly. Launder. Rubbing alcohol is sometimes effective in the color of the garment can take it. Launder. If desired, dry cleaning can be used.

#### Felt tip pen

Spray spot with cleaners suitable to this purpose. Sponge stain thoroughly. Rinse with cold water. Reapply cleaner if necessary.

#### Fruit. Wine

Soak fresh stains immediately with cool water. Then use bleach treatment with hottest water safe for fabrics. Launder.

#### **Grass**

Work detergent into stain. Sponge with denatured alcohol. Bleach, if necessary.

#### **Grease or Oil**

Scrape away excess. Rub detergent paste or a general purpose liquid household cleaner into stain, rinse with hot water. If stain remains, sponge thoroughly with a grease solvent. Dry. Repeat if necessary. To remove yellow stain, use a chlorine or oxygen bleach.

#### Ink

Some ball-point inks are set by water. First test a scrap of cloth. Sponge stain repeatedly with acetone, amyl acetate or rubbing alcohol. Hair spray is effective. Launder. Bleach if necessary. Use amyl acetate on triacetate, arnel, dynel and verel. Use acetone on other fabrics. NOTE: Some inks cannot be removed.

#### **Ketchup**

Scrape of excess. Soak in cold water 30 minutes. Pre-treat with a detergent paste. Launder.

#### Mildew

Brush off surface growth to keep mold spores from spreading. Dip article into solution of ½ cup bleach per 1 gallon of cool sudsy water for 5 to 10 minutes. Rinse well. Launder.

#### Mud

Let stain dry; then brush well. Rinse repeatedly in cool water until mud comes out. Launder. (Hot soaps suds set a red or yellow clay stain).

#### Mustard

Soak in hot detergent water for several hours. If stain remains, bleach.

#### **Nail Polish**

Treat while fresh, scraping or wiping off as much as possible, before it dries. Place stain face down on white paper towels. Sponge back of stain acetone (nail polish remover) or sponge with denatured alcohol and a few drops of household ammonia. Sponge stain

frequently. Launder with water at temperature suitable for fabric. Do not use acetone on acetate, arnel, dynel or rayon.

#### **Paint**

Sponge or soak in turpentine or solvent recommended as a thinner on label. Launder.

#### Perfume

Rinse in cold water. Rub undiluted liquid detergent or a detergent paste into stain. Rinse. If stain remains, bleach.

#### **Perspiration**

Wash or sponge stain thoroughly with warm water and detergent paste. If perspiration has changed the color of the fabric, restore it by treating with ammonia or vinegar. Apply ammonia to fresh stains; rinse with water. Apply vinegar to old stains; rinse with water.

#### **Rust and Iron**

Apply commerical rust remover, Rinse. Or, if safe for fabric, boil stained article in solution of 4 teaspoons of cream of tartar to 1 pint water.

#### **Shoe Polish**

Scrape off as much as possible. Pre-treat with a detergent paste; rinse. If stain persists, sponge with rubbing alcohol (1 part to 2 parts water) or turpentine. Remove turpentine by sponging again with warm detergent solution or with alcohol. Bleach if necessary.

#### **Soft Drinks**

Sponge with cold water, some stains are invisible when they have dried, but turn brown when heated and may be impossible to remove.

#### **Tar and Asphalt**

Act quickly before stain is dry. Sponge with grease solvent or turpentine. Launder.

#### Urine

Soak in cool water. If stain is dry, work a detergent paste into the spot then rinse. If necessary, bleach.

# **TROUBLESHOOTING**

In most cases, when your washer fails to work, the problems arising can be easily solved without having to call for a technician. Before calling for assistance, always check these points.

#### The washer fails to start

Is the plug correctly inserted into the socket?

Is there electricity in the house?

Is the door closed properly?

Is the start button pressed?

Is the Washer knob in the correct position for the cycle to start?

Is the water supply turned on?

#### The washer fails to fill with water

Is the hose correctly connected to the faucet?

Is there water supply?

Is there sufficient water pressure?

Is the faucet filter clean?

Is the inlet hose kinked?

#### The washer continuously fills and drains water

Is the drain hose positioned too low?

Check that the inlet hose is not connected at a height more than 40 inches above the floor.

Is the end of the outlet hose immersed in water?

#### The washer does not drain or spin

Does the selected program incorporate water draining?

Is the drain pump clogged?

Is the drain hose kinked?

#### There are too many suds in the drum

Is High Efficiency (HE) detergent being used? It is recommended to use HE detergent. Is the correct amount of detergent being used?

# The washer vibrates too much during the spin cycle

Have all shipping rods been removed during installation?

Has the machine been leveled correctly?

Is there space between the machine and adjacent units?

Is the machine loaded evenly?

Is the machine installed on carpet or on a wooden floor?

#### The washer leaks

Is the metal ring of the inlet hose properly attached?

Is the detergent dispenser obstructed?

Is the drain hose inserted correctly into the drain?

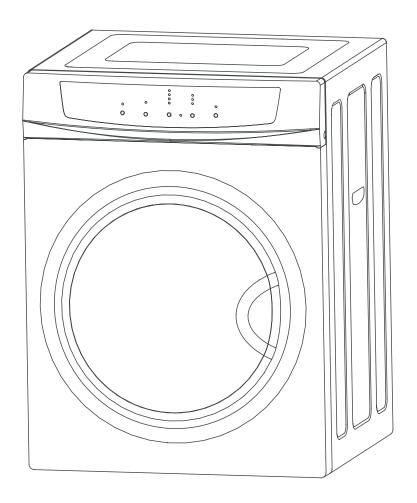
DIAGNOSTIC MENU			
Code	Description	Component	
E1	Door close	Door Switch	
E2	Drain	Drain Pump	
E3	Water inlet	Inlet Valves	
E4	Water overfill	Pressure Switch	
<b>E</b> 5	Motor	Thermal Protector +Electronic Module	
<b>E</b> 6	Communication between display & electronic module	Communication Cable	
E10	Water overfill	Water level sensor	



# **COMPACT STANDARD DRYER**

Model 860

# **OWNER'S MANUAL**



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# **WARRANTY SERVICE**

This warranty is given by:

Equator Appliances 10216 Georgibelle Drive, Suite 900D Houston, TX 77043-5249

#### For Service:

Call 1-800-776-3538

Email: service@appliancedesk.com Web: www.ApplianceDesk.com

Business hours (9:00 a.m. to 5:00 p.m. weekdays).

# **GENERAL**

Since it is responsibility of the consumer-owner to establish the warranty period by verifying the original purchase date, the Equator Appliances recommends that a receipt, delivery slip or some other appropriate payment record be kept for that purpose. Remember to send to send in your Warranty Registration Card so that a proof of your purchase exists with the Equator Appliances. You can also register online by typing the following link

**www.ApplianceDesk.com**. This warranty gives you specific legal rights, and you may also have other rights which vary from State to State.

All rights reserved. Manual subject to change without notice.



**Electrical Testing Laboratories** 

US N° CANADA

The ETL Listed Mark is the legal equivalent to the UL and CSA Listed Marks

# Safety Instructions

When using electrical appliances, in order to reduce the risk of fire, electric shock, and/or injury to persons, basic safety precautions should always be followed.

# Read all instructions carefully, even if you are quite familiar with the appliance.

- This appliance is not intended for use by people (including children) with reduced physical, sensory or mental capabilities, or lack of experience and knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety.
- Young children should be supervised to ensure that they do not play with the appliance.
- INDOOR USE ONLY this appliance is not intended for outdoor use.
- Do not place naked flame sources, such as candles, on the appliance.
- Do not place the appliance or cord near heat sources such as radiators, heaters, air ducts or direct sunlight.
- Do not block any of the ventilation openings.
   Ensure that vents are not covered by newspapers, tablecloths, curtains, etc.
- Do not run the cord under floor coverings.
   Instead, arrange the cord away from traffic areas where it will not become a trip hazard.
- To disconnect the appliance, turn the appliance off, switch off the power outlet and remove the plug from the power outlet.
- Do not misuse the cord. Never carry the appliance by the cord or pull to disconnect it from the outlet. Instead, grasp the plug and pull to disconnect.
- Do not operate the appliance if it has a damaged cord or plug; after the appliance malfunctions; or has been dropped or damaged in any way. Consult the manufacturer.
- Do not attempt to repair, disassemble or modify this appliance. The warranty becomes void if not serviced or repaired by a Qualified person.

- Do not place items that have been soiled with flammable liquids inside the dryer without washing them with detergent thoroughly before hand.
- Do not excessively bend, stretch, twist or bind the power cord or place heavy objects on it.
- This appliance is only to be serviced by a qualified person. There are no user-serviceable parts inside.
- Do not use an extension cord with this appliance.
- Do not install in a tight fitting cabinet.
- Do not overload the tumble dryer.
- Ensure foreign objects do not find their way into the tub of the tumble dryer.
- The door window may be hot after a long drying cycle. Please ensure children are kept away from the machine.
- If the tumble dryer is not wall mounted, place in a flat, firm, dry and drafty place. Use the adjustable front legs to assist in leveling the dryer if need be. Do not place it on any soft material such as foam or plastic
- Do not use flammable or combustible materials such as gas, petrol, alcohol or liquor in the tumble dryer.
- After turning off the power supply to the tumble dryer, wait at least 2 minutes before turning it back on again.
- Please remove the transport packaging at the rear of the tumble dryer, prior to use.
- If the supply cord is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified persons in order to avoid a hazard.

**CAUTION:** If this appliance is supplied from a cord extension set or an electrical portable outlet device, the cord extension set or electrical portable outlet device must be positioned so that it is not subject to splashing or ingress of moisture.



Oil-affected items can ignite spontaneously, especially when exposed to heat sources such as in a tumble dryer. The items become warm, causing an oxidation reaction in the oil. Oxidation creates heat. If the heat cannot escape, the items can become hot enough to catch fire. Piling, stacking or storing oil-affected items can prevent heat from escaping and so create a fire hazard.

- If it is unavoidable that fabrics that contain vegetable or cooking oil or have been contaminated by hair care products be placed in a tumble dryer they should first be washed in hot water with extra detergent-this will reduce, but not eliminate, the hazard.
- Do not dry unwashed items in the tumble dryer.
- Items that have been soiled with substances such as cooking oil, acetone, alcohol, petrol, kerosene, spot removers, turpentine, waxes and wax removers should be washed in hot water with an extra amount of detergent before being dried in the tumble dryer.
- Items such as foam rubber (latex foam), shower caps, waterproof textiles, rubber backed articles and clothes or pillows fitted with foam rubber pads should not be dried in the tumble dryer.
- Fabric softeners, or similar products, should be used as specified by the fabric softener instructions.
- The final part of a tumble dryer cycle occurs without heat (cool down cycle) to ensure that the items are left at a temperature so that the items will not be damaged.
- Remove all flameable objects from pockets such as lighters and matches.

WARNING: Never stop a tumble dryer before the end of the drying cycle unless all items are quickly removed and spread out so that heat is dissipate.

- The maximum mass of dry textile material in pounds to be used in the appliance;
- The tumble dryer is not to be used if industrial chemicals have been used for cleaning;
- The lint trap has to be cleaned frequently, if applicable.
- Lint must not to be allowed to accumulate around the tumble dryer (not applicable for appliances intended to be vented to the exterior of the building);
- Adequate ventilation has to be provided to avoid the back flow of gases into the room from appliances burning other fuels, including open fires.

**NOTE** This instruction is not required if the tumble dryer discharges the air into the room.

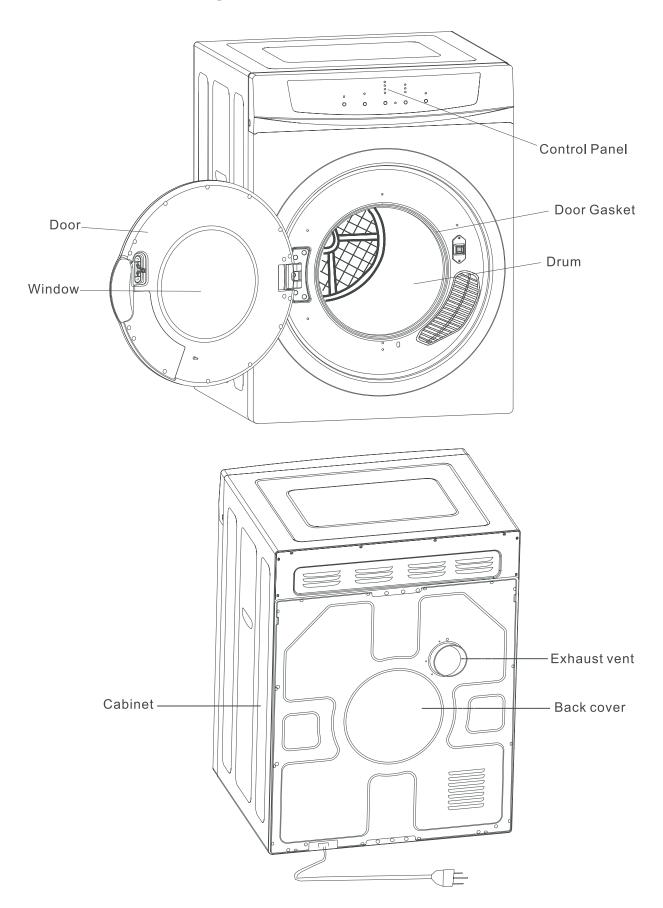
- For appliances with ventilation openings in the base, a carpet must not obstruct the openings.
- Exhaust air must not be discharged into a flue which is used for exhausting fumes from appliances burning gas or other fuels.

**NOTE** This instruction is not required if the tumble dryer discharges the air into the room.

 The appliance must not be installed behind a locked door, a sliding door or a door with a hinge on the opposite side to that of the tumble dryer, in such a way that a full opening of the tumble dryer door is restricted.

# Save These Instructions

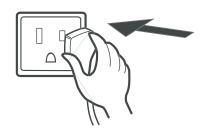
# Name of the Components



# Operating your dryer

## **Electrical Requirements**

The unit is required to be plugged into a 110 V three pin socket that is reliably grounded. Plug the power cord into the socket.



### Loading the dryer

It is recommended that items are placed into the dryer one at a time. This ensures they are not tangled which results in uneven drying. When closing the dryer door prior to starting the unit ensure that items are not jammed in the door.





## Tips before drying

Prior to loading the dryer check that the items do not have the following symbols anywhere on them. If they do, do not tumble dry these items.





Dry flat

Dry in the shade







Do not tumble dry Hang to dry

Drip dry

Check the items to be dried do not have combustible materials or foreign objects within them i.e.: lighters, hair pins, coins.



Turn items with zippers inside out and fasten buckles.



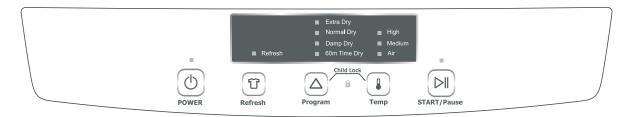
- Dryer heat may permanently set stains, ensure you check prior to drying that stains are removed
- Separate dark and light colored items as you would do when washing.
- For best results load the dryer with similar fabrics. Place small delicate items in a mesh bag and do not overload the dryer.
- The maximum mass is 13 lbs of dry textile material for the dryer and do not overload. The tumble dryer is intended only for drying textile material washed in water.

# Drying time reference table

Drying	Dry time	
Capacity	Regular	Airing
Approx.4 lbs	Approx.60min	Approx.90min
Approx.7 lbs	Approx.90min	Approx.150min
Approx.9 lbs	Approx.150min	
Approx.13 lbs	Approx.200min	

Drying times can be affected by many factors, such as material, bulkiness, how full the dryer is etc. The above list is only a guide only.

# **Control Panel Functions**



#### **POWER Button**

Press this button to power on or off the dryer.

When you are done using the dryer, the light will still be on. Please push this button to turn off the power.

#### **Refresh Button**

Press this button when you want to fluff clothes.

This function can be operated after the drying procedure ends. It runs for 10mins.

### **Program Button**

Press the program button to cycle through the options.

- a) Extra Dry: Sensor Dry. It automatically identifies whether the clothes are dry or not (humidity ≤35%). If they are dry, it stops heating and runs a 10 min air cooling. The dryer then stops running.
- b) Normal Dry: Sensor Dry. It automatically identifies whether the clothes are dry or not (humidity  $\leq$ 40%). If they are dry, it stops heating and runs a 10 min air cooling. The dryer then stops running.
- **c) Damp Dry:** Sensor Dry. It automatically identifies whether the clothes are dry or not (humidity ≤45%). If they are dry, it stops heating and runs a 10 min air cooling. The dryer then stops running.
- **d) 60m Time Dry:** The dryer runs for a fixed 60 min, heating under full power for 50 min and runs a 10 min air cooling

Note: During this program, "temp" feature is deactivated.

#### **Temp Button**

Press this button to cycle through the temp options.

- a) High: full power heating.
- b) Medium: the dryer alternatively works between full and half power in 10 min cycles.
- c) Air: no heat air circulation only.

#### START/Pause Button

Press this button to start or pause the dryer operation.

If the door is opened during operation, close the door and push this button to restart the dryer.

Push "Pause" button to change the program, then push "start" to restart a new program.

#### **Child Lock**

Push "Program" and "Temp" at the same time for 3 seconds until "Child lock" light comes on and the program is locked. All other buttons are locked. Push "program" and "temp" at the same time for 3 seconds to unlock.

# **Operation Precautions**

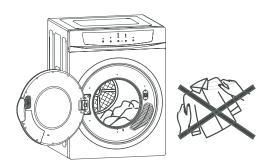
Delicate items should be placed in a nylon net bag prior to drying. It is not recommended to dry underwire bras in this unit.



Ensure that foreign objects do not find their way into the dryer. All pockets should be emptied, buttons, buckles and zips fastened. This will also help reduce impact noise when the items hit against the turning drum.



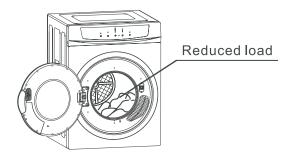
Do not add items into the dryer while it is in operation.



If drying large items such as a blanket, it is recommended that from time to time you open the dryer door, shake the item, place the item back in the dryer and close the door. This will ensure even drying



To ensure you get the most out of the wrinkle guard function do not overload the dryer. Remove the dried items from the dryer immediately and hang on coat hangers. Iron the items if desired.



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

- Items that have been spotted or soaked with vegetable or cooking oil constitute a fire hazard and should not be placed in a tumble dryer.
- Oil-affected items can ignite spontaneously, especially when exposed to heat sources such as in a tumble dryer. The items become warm, causing an oxidation reaction in the oil. Oxidation creates heat. If the heat cannot escape, the items can become hot enough to catch fire. Piling, stacking or storing oilaffected items can prevent heat from escaping and so create a fire hazard.

- If it is unavoidable for fabrics to contain vegetable or cooking oil or have been contaminated by hair care products be placed in a tumble dryer they should first be washed in hot water with extra detergent. This will reduce the hazard but not eliminate it.
- The 'cool down' cycle of tumble dryers should be used to reduce the temperature of the items. They should not be removed from the tumble dryer or piled or slacked while hot.
- Items that have been previously cleaned in, washed in, soaked in or spotted with petrol/gasoline, dry-cleaning solvents or other flammable or explosive substances should not be placed in the tumble dryer.
- Highly flammable substances commonly used in domestic environments include acetone, denatured alcohol, petrol/gasoline, kerosene, spot removers(some brands), turpentine, waxes and wax removers should not be present in the clothes.
- Items containing foam rubber (also known as latex foam) or similarly textured rubber, like materials should not be dried in a tumble dryer on a heat setting.
- Foam rubber materials can produce fire by spontaneous combustion when heated.
- Fabric softeners or similar products should not be used in a tumble dryer to eliminate the
  effects of static electricity unless this practice is specifically recommended by the
  manufacturer of the fabric softener or product.
- Undergarments that contain metal reinforcements should not be placed in the tumble dryer.
- Damage to the tumble dryer can result if metal reinforcements come loose during drying. When available a drying rack could be used for such items.
- Plastic articles such as shower caps or babies' waterproof napkin covers should not be placed in the tumble dryer.
- Rubber-backed articles, clothes fitted with foam rubber pads, pillows, galoshes and rubber-coated tennis shoes should not be placed in the tumble dryer.

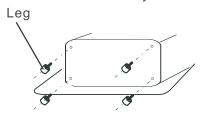
# Installation Instructions

# THIS DRYER CAN NOT BE USED UPSIDE DOWN WHERE TO PLACE YOUR DRYER?

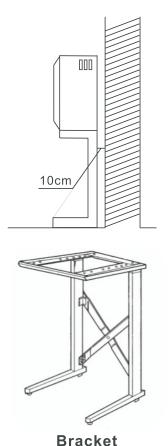
Place the dryer in a dry well ventilated area. It should be positioned away from heat and direct sunlight.

If the dryer is not wall mounted, or stacked on a dryer it must be placed on firm horizontal ground. Do not place the dryer on carpet as this will block the intake. There should be at least 3.9" between the dryer and the wall.

The dryer comes with fixed legs that need to be assembled to ensure stability



If the dryer is rack mounted. A secure bracket is required to ensure stability and prevent vibration. At least 10cm between the dryer and walls is required (The bracket is not included).



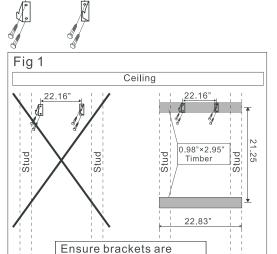
# Wall Mounting Instructions

- Determine the dryer position on wall and mark required bracket positions. This dryer is not suitable to be directly placed on top of a washing machine.
- \* A minimum 1.96" is needed between the top of the dryer and the ceiling for ease of installation.
- \* If mounting above a washing machine, allow sufficient room to open the lid of the washer.

Tools Required		
Tools	Drill & 0.11" Bit	1
& parts required	Philips Head screw Driver	1
for plaster/	Wood Screws, Φ0.47"x	ı
wooden wall	1.96" Timber screws	4
	Helper to lift dryer onto wall	1

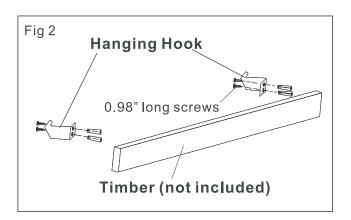
Wall Mounting Kit Includes			
Description	Hanging brackets		2
	Plastic spacers		2
	Exhaust connector	8	1
	0.47" Long Screws	F. Marie	4
	0.98" Long Screws	E Property of the Control of the Con	4
	0.62" Long Screws	A F	3

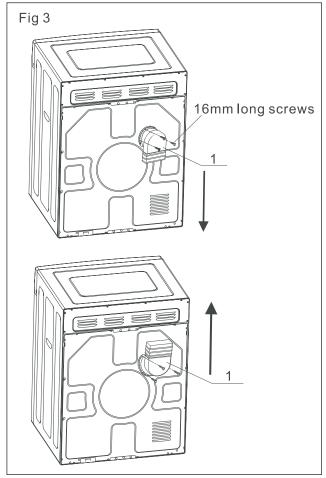
2. Fix the wall hanging brackets (2 supplied) to the wall securely (e.g. into the stud.) Fit a timber slat between the studs to mount the brackets if the stud position is too wide.

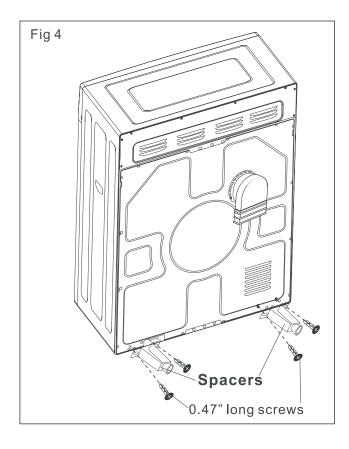


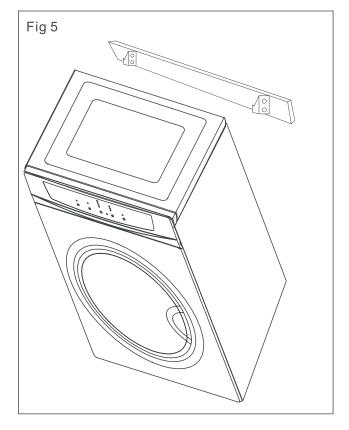
securely fastened. Fit Timber slats if necessary

- 3. To install the hanging hook to wood, start at Fig 2.
- 4. Align hanging hooks and fasten screws tightly.
- 5. Install exhaust pipe: Adjust the direction of the exhaust outlet (1) as shown in Fig 3.
- 6. Using 0.11" x 0.62" mm screws (provided) to fix the outlet in place firmly.
- 7. Using 0.15" x 0.47" screws (provided) to fix the 2 spacers as per Fig 4.
- 8. With assistance, mount dryer on wall bracket See Fig 5.









# Additional Legs for the Dryer Side by side (non stacking) applications only





An additional set of legs for the dryer are also included in the package to increase its height when stacked next to our Washer so that both the units look equal in height.

It can also be used to increase the height to reduce bending.

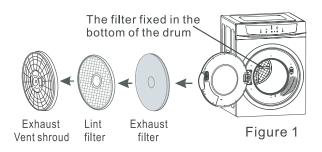
# Maintenance

## 1. Cleaning the Lint Filter

Please unplug the power cord prior to any cleaning. The lint filter must be in place whenever drying. It must be cleaned before each use.

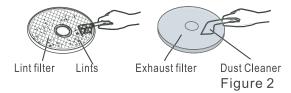
# Removing the filters

Remove by pulling outwards with fingers, inserted into the four holes around the exhaust vent shroud. The filter is in 3 parts: Exhaust vent shroud, lint filter and exhaust filter (as shown in figure 1)



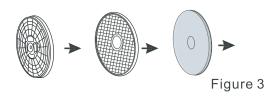
# Cleaning the filter

Separate "exhaust vent shroud", "lint filter" and "exhaust filter". Clean the lint on the lint filter and exhaust filter with a soft brush or vacuum cleaner. Do not damage the filters (as show in figure 2).



# Re-installing the filter

After cleaning, assemble in the sequence of "exhaust filter - lint filter- exhaust vent shroud", align the recesses in the center with the projection in the center of the drum. Make sure that it is firmly inserted (as shown in figure 3).



Note: The filter fixed in the bottom of the drum should also be cleaned with a soft brush.

# 2. Cleaning of the Air Intake Filter

The filter should be cleaned once a month.

Remove by pulling outwards holding the upper and lower ends of the air intake shroud. Remove the filter inside the shroud and clean it with a soft brush. Reassemble and install as before.



Slightly push upwards with your thumb until the latch hook disconnects, then remove.

# Cleaning the interior & exterior of the Dryer

Do not wash directly with water.

Do not use thinner, gasolene or alcohol.

Do not use any type of spray cleaner when cleaning the interior. If dryer drum becomes stained, clean the drum with a damp cloth.

Remove any residue before drying the next load.

Clean cabinet with mild soap and water. Do not use harsh or abrasive cleaners, this could damage the dryer.





# WARNING: Regularly clean the lint trap



# Troubleshooting

If your clothes dryer has a problem or is not working properly or you think it should work better, use the list below to identify and solve any problems. If you still cannot solve the problem, contact our after sales support line. Do not attempt to dismantle or repair the dryer yourself.

Problem	Possible Cause	Solution
There is no response when pressing buttons.	<ul> <li>Is the power plug inserted firmly into the wall socket?</li> </ul>	Insert the power plug firmly.
The drum does not turn.	• Is the door closed?	Close the door.
does not turn.	Is the power plug firmly inserted?	Insert the power plug firmly.
	Does the socket have power?	If power is switched on at the wall socket, check the socket with another appliance.
Hot air is not blowing out.	<ul><li>Is the temperature incorrectly set to airing?</li></ul>	Set the temperature to Half or Regular heat.
The laundry is	<ul><li>Are the front and back filters clogged?</li></ul>	Check and clean the filter.
not thoroughly dried.	Is there too much laundry in the dryer?	Reduce the amount in the dryer.
ariea.	<ul> <li>Have items been added while the dryer is in operation?</li> </ul>	Re-dry the items again.
	<ul><li>Has the laundry become twisted while drying?</li></ul>	Untwist the items and re-dry.
	<ul> <li>Has the dryer been placed in a small and badly ventilated area?</li> </ul>	Place the dryer in a well-vented area.
The dryer	Is there a power failure?	Try again when there is power.
does not start.	<ul><li>Is the power cord inserted firmly?</li></ul>	Insert the power cord firmly.
	• Is the door closed?	Close the door.

# Dryer Technical Specifications

Model	860
Drying Capacity	13 lbs
Voltage	120V~ 60Hz
Rated Input	1500 W
Net Weight	55 lbs
Dimensions (HxWxD)	32.2 x 23.6 × 21.4 inch

NOTE: Consistent with our continuing product development policy, improvements may have been made which render the contents of this package slightly different to that shown.