

MODELS TEDX640E TEDS680E



Electric and Gas Dryers

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1-800-253-1301



Call us with questions or comments.

www.EstateAppliances.com

A NOTE TO YOU

Thank you for buying an ESTATE® appliance.

Your ESTATE dryer gives you all the functionality of name brand appliances at a value price. To ensure that you enjoy years of trouble-free operation, we developed this Use and Care Guide. It is full of valuable information about how to operate and maintain your appliance properly and safely. Please read it carefully.

Also, complete and mail the **Product Registration Card** provided with your appliance. The card helps us notify you about any new information on your appliance.

Please record your model's information.

Whenever you call to request service for your appliance, you need to know your complete model number and serial number. You can find this information on the model and serial number label (see the diagram on the "Parts and Features" page).

Please also record the purchase date of your appliance and your dealer's name, address, and telephone number.

Model Number	
Serial Number	
Purchase Date	
Dealer Address	
Dealer Phone	

Keep this book and the sales slip together in a safe place for future reference.

Our Consumer Assistance Center number is toll-free.



Dryer Safety

Your safety and the safety of others is very important.

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



This is the safety alert symbol.

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

All safety messages will be preceded by the safety alert symbol and the word "DANGER" or "WARNING". These words mean:

ADANGER

AWARNING

You <u>will</u> be killed or seriously injured if you don't follow instructions.

You <u>can</u> 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: For your safety the information in this manual must be followed to minimize the risk of fire or explosion or to prevent property damage, personal injury or death.

- Do not store or use gasoline or other flammable vapors and liquids in the vicinity of this or any other appliance.
- WHAT TO DO IF YOU SMELL GAS
 - Do not try to light any appliance.
 - Do not touch any electrical switch; do not use any phone in your building.
 - Clear the room, building or area of all occupants.
 - Immediately call your gas supplier from a neighbor's phone. Follow the gas supplier's instructions.
 - If you cannot reach your gas supplier, call the fire department.
- Installation and service must be performed by a qualified installer, service agency or the gas supplier.

continued on next page

IMPORTANT SAFETY INSTRUCTIONS

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

- Read all instructions before using the dryer.
- Do not place items exposed to cooking oils in your dryer. Items contaminated with cooking oils may contribute to a chemical reaction that could cause a load to catch fire.
- Do not dry articles that have been previously cleaned in, washed in, soaked in, or spotted with gasoline, dry-cleaning solvents, other flammable, or explosive substances as they give off vapors that could ignite or explode.
- Do not allow children to play on or in the dryer. Close supervision of children is necessary when the dryer is used near children.
- Before the dryer is removed from service or discarded, remove the door to the drying compartment.
- Do not reach into the dryer if the drum is moving.
- Do not install or store the dryer where it will be exposed to the weather.
- Do not tamper with controls.

- Do not repair or replace any part of the dryer or attempt any servicing unless specifically recommended in this Use and Care Guide or in published user-repair instructions that you understand and have the skills to carry out.
- Do not use fabric softeners or products to eliminate static unless recommended by the manufacturer of the fabric softener or product.
- Do not use heat to dry articles containing foam rubber or similarly textured rubber-like materials.
- Clean lint screen before or after each load.
- Keep area around the exhaust opening and adjacent surrounding areas free from the accumulation of lint, dust, and dirt.
- The interior of the dryer and exhaust vent should be cleaned periodically by qualified service personnel.
- See Installation Instructions for grounding requirements.

SAVE THESE INSTRUCTIONS

Parts And Features

The drawings in this book may vary from your dryer model. They are designed to show the different features of all models covered by this book. Your model may not include all features.



*On some models

Other doors:



Large side-swing door*

CHECKING YOUR VENT

Your dryer must be properly installed and vented to achieve maximum drying efficiency and shorten drying times. Use the minimum recommended installation clearances (found in your Installation Instructions) to avoid blocking the flow of combustion and ventilation air. Install your dryer in a well-ventilated room where the temperature is always above 45°F. Also make sure that your dryer is leveled. Refer to your installation Instructions for more information.





Use 4-inch heavy metal or flexible metal vent. Do not kink or crush flexible metal vent. It must be completely extended to allow adequate exhaust air to flow. Check vent after installation. Refer to your Installation Instructions for proper

length requirements of vent.

2. Use a 4-inch exhaust hood. Smaller hoods increase drying times.



3. The exhaust vent can be routed up, down, left,



right, or straight out the back of the dryer. Space requirements are listed in your Installation Instructions.



Using Your Dryer

STARTING YOUR DRYER





recommended cycle for the type of load being dried, as described on pages 10-12.

• Use the Energy Preferred Automatic Setting (*) to dry most heavyweight and mediumweight loads.

• On some models, the Temperature

selector is part of the Cycle Control knob.

AWARNING



Fire Hazard

No washer can completely remove oil.

Do not dry anything that has ever had any type of oil on it (including cooking oils).

Items containing foam, rubber, or plastic must be dried on a clothesline or by using an Air Cycle.

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

3. On models with a separate Fabric/Temp selector,



choose the recommended setting for the type of fabric being dried. The cycle descriptions on pages 10-12 include temperature setting suggestions.

4. (OPTIONAL STEP) On some models, the End of



Cycle Signal selector is part of the Start button. Set the End of Cycle Signal selector to On if you want the dryer to sound a signal when a cycle is finished. The signal is helpful when you are drying permanent press, synthetics, and other

items that should be removed from the dryer as soon as it stops.

STARTING YOUR DRYER (CONT.)

5. Push the Start button.



NOTE: Your dryer stops automatically when a cycle ends.

LOADING

Loading suggestions

The chart below provides some guidelines on various types of drying loads. Load clothes loosely into the dryer. Do not pack the dryer; allow space for clothes to tumble freely.

Heavy Work Clothes	Delicates	Towels	Mixed Load
3 pair pants 3 shirts 4 pair jeans 1 coverall 1 overall	3 camisoles 1 quilted robe 4 slips 4 panties 2 bras	10 bath towels 10 hand towels 14 wash cloths 1 bath mat	3 double sheets 4 pillowcases 8 T-shirts 6 pair shorts 2 shirts
	2 nighties 1 baby's dress		2 blouses 8 handkerchiefs

Selecting a cycle and temperature setting

The following pages describe the drying cycles on your dryer. The descriptions include suggested temperature settings and drying times for various loads.

Cycle and temperature tips

- Use the No Heat Fluff cycle, or line dry rubber, plastic, delicate, and heat-sensitive fabrics (see page 12).
- If some types of loads in the cycle descriptions have more than one suggested temperature setting, choose the lowest setting available on your dryer.
- The last few minutes of all cycles are without heat to make the load cooler to handle.

Drying tips

• Make sure you have selected the correct cycle and temperature for your load.

Stopping and restarting your dryer

Off area when the dryer is not in use.

To stop your dryer:

To restart your dryer:

knob to Off.

You can stop your dryer anytime during a cycle.

Open the dryer door or turn the Cycle Control

NOTE: The Cycle Control knob should point to an

Close the door, select a new cycle and temperature (if desired), and push the Start button.

- Always follow care label directions when they are available.
- Always use fabric softener sheets labeled as dryer safe and follow package instructions carefully.
- Remove the load from the dryer as soon as tumbling stops to reduce wrinkling. This is especially important for permanent press, knits, and synthetic fabrics.

CYCLE DESCRIPTIONS

The following pages describe the cycles on your dryer. Refer to these pages for help in selecting drying cycles and temperatures.

The Cycle Control knob does not move until the load is almost dry. After the cool-down, the knob automatically turns to an Off area and tumbling stops.

- Dry most loads using the Energy Preferred Automatic Setting (*).
- If the load is drier than you like, select a setting closer to **Less Dry** the next time you dry a similar load.
- If the load is not as dry as you like, complete drying using the Timed Dry cycle. Select a setting closer to **Very Dry** the next time you dry a similar load.

MODEL TEDX640E



Auto Sense Drying (Automatic cycle)

The Auto Sense Drying cycle uses the Energy Preferred Automatic Setting (*). Use this high heat cycle for drying heavyweight and mediumweight:

- Cotton items, such as towels, linens, bedspreads, work clothes, blue jeans, and corduroys.
- Permanent Press, synthetics, and blends, such as jackets, shirts, slacks, and play clothes.
- Knits, such as cottons, rayons, blends, T-shirts, slacks, and shirts.

Timed Dry cycles

Use one of the Timed Dry cycles to complete drying if some items are damp after Auto Sense Drying. The high heat and low heat Timed Dry cycles are also useful for:

- Heavyweight and bulky items, such as bedspreads and work clothes, and large loads that require a long drying time. Set your Cycle Control knob to **High heat** for 50-70 minutes. (Reset knob as necessary for the time required.)
- Lightweight items, such as lingerie, blouses, and knits that require a short drying time. Set your Cycle Control knob to **Low heat** for 20-30 minutes.

No Heat Fluff

Use the unheated No Heat Fluff cycle for items that require drying without heat. The chart on page 12 includes examples of items that require drying without heat.

MODEL TEDS680E



Auto Sense Drying (Automatic cycle)

The Auto Sense Drying cycle uses the Energy Preferred Automatic Setting (*). Use this cycle for drying heavyweight and mediumweight:

- Cotton items, such as towels, linens, bedspreads, work clothes, blue jeans, and corduroys. Set your **Fabric/Temp** selector to Cotton/Perm Press, High.
- Permanent Press, synthetics, and blends, such as jackets, shirts, slacks, and play clothes. Set your **Fabric/Temp** selector to Cotton/Perm Press, High.
- Knits, such as cottons, rayons, blends, T-shirts, slacks, and shirts. Set your your **Fabric/Temp** selector to Knits, Low.
- This cycle also includes the Wrinkle Prevent feature, which protects your clothing from wrinkles if you are unable to unload the dryer within 5 minutes after tumbling stops. The Wrinkle Prevent feature tumbles the load every few minutes up to 40 minutes after the cycle ends.



Timed Dry cycle

Use the Timed Dry cycle to complete drying if some items are damp after automatic drying. The Timed Dry cycle is also useful for:

- Heavyweight and bulky items, such as bedspreads and work clothes, and large loads that require a long drying time. Set your **Fabric/Temp** selector to Cotton/Perm Press, High, and your Cycle Control Knob to Heavy Dry.
- Lightweight items, such as lingerie, blouses, and knits that require a short drying time. Set your **Fabric/Temp** selector to Knits, Low, and your Cycle Control Knob for 20-30 minutes.
- The Timed Dry cycle also includes a Damp Dry feature, to dry items to damp level or to dry items that do not require an entire drying cycle. Examples are heavy cottons, such as jeans, which you do not want to become stiff, or cotton clothes that are easier to press when damp. Set your **Fabric/Temp** selector to Cotton/Perm Press, High.

No Heat Fluff

Use the unheated No Heat Fluff cycle for items that require drying without heat. The chart on page 12 includes examples of items that require drying without heat.

No heat fluff cycle

The chart below includes examples of items that require drying without heat. Use the No Heat Fluff cycle, or place the items on a line or rack to air dry.

- Line dry bonded or laminated fabrics.
- Always follow care label directions when they are available.

TYPE OF LOAD	NO HEAT FLUFF CYCLE* (minutes)
RUBBER, PLASTIC, HEAT-SENSITIVE FABRICS	
Foam Rubber – Pillows, padded bras, stuffed toys	20-30
• Make sure coverings are securely stitched.	
 Shake and fluff pillows by hand several times during the No Heat Fluff cycle. 	
 Make sure pillows are completely dry. Foam rubber pillows take a long time to dry. 	
Plastic – Shower curtains, tablecloths	20-30
Rubber-backed rugs	40-50
Olefin, Polypropylene, Sheer nylon	10-20

Using the drying rack

Your dryer may include a drying rack. If your model doesn't include one, you can order a drying rack by calling **1-800-253-1301**, from anywhere in the U.S.A. You will hear a recording. Follow the instructions to place an order.

The drying rack lets you dry items without tumbling them. The rack does not move, but the drum turns.

1. Fit rear legs of the rack into spaces in the back

2. Put wet items on top of the rack. Leave space

NOTE: Make sure nothing hangs over the edge of



the rack.

wall of the dryer. Lower the front so the legs rest on the dryer opening.

between the items so air can reach all sur-

• See chart below for

suggested cycles and settings for items that might best be rack dried. Drying time will depend on amount of moisture items hold.

faces.

3. Close the door.



4. Select the Timed Dry cycle and temperature, or the No Heat Fluff cycle.



5. Push the Start button.



NOTE: The rack must be removed for normal tumbling. Auto Sense Drying cycles do not work with the drying rack.

RACK DRY	CYCLE	TEMPERATURE	TIME * (minutes)
Wool sweaters (Block to shape and lay flat on the rack)	Timed Dry	Low	60
Stuffed toys or pillows (Cotton or polyester fiber filled)	Timed Dry	Low	60
Stuffed toys or pillows (Foam rubber filled)	No Heat Fluff	None; cycle is unheated.	90
Sneakers or canvas shoes	No Heat Fluff	None; cycle is unheated.	30-40

CARING FOR YOUR DRYER

CLEANING THE LINT SCREEN

Every load cleaning

The lint screen is located under a lid on top of the dryer. Clean it before starting each load. A screen blocked by lint can increase drying time.

To clean:

1. Open the lid and pull the lint screen towards

you.



2. Roll lint off the screen with your fingers. Do not rinse or wash screen to remove lint. Wet lint is



hard to remove.

3. Push the lint screen firmly back into place and close the lid.

IMPORTANT:

- Do not run the dryer with the lint screen loose, damaged, blocked, or missing. Doing so can cause overheating and damage to both the dryer and fabrics.
- Some towels made of synthetic fibers and natural fibers (polyester and cotton blends) may shed more lint than other towels, causing your dryer's lint screen to fill up faster. Be sure to remove lint from the lint screen before and after drying new towels.
- If lint falls off the screen during removal and ito the dryer, check the exhaust hood and remove the lint (see "Checking Your Vent").

As needed cleaning

Laundry detergents and fabric softeners can cause a residue buildup on the lint screen. This buildup can cause longer drying times for your clothes, or cause the dryer to stop before your load is completely dry. You may be able to see this buildup, or the lint may be falling off the screen because it is clogged.

Clean the lint screen with a nylon brush every six months or more frequently if it becomes clogged due to a residue buildup.

Use the following method:

1. Wet both sides of lint screen with hot water.

2. Wet a nylon brush with hot water and liquid



detergent; scrub lint screen with the brush to remove residue buildup.

- 3. Rinse screen with hot water.
- **4.** Thoroughly dry lint screen with a clean towel: replace in dryer.

LINT SIGNAL

On some models, there may be a lint signal



(a whistle tone) which indicates excessive lint is present on your lint screen or it has a residue buildup. See page 14. A full lint screen restricts airflow and reduces drying efficiency.

When you hear the signal, stop the dryer and clean the lint screen.

NOTE: Clean your lint screen before each load. Do not wait for the lint signal.

Cleaning the dryer interior

Garments which contain unstable dyes, such as denim blue jeans or brightly colored cotton items, may discolor the dryer interior. These stains are not harmful to your dryer and will not stain future loads of clothes. It is helpful to dry unstable dye items inside out to prevent dye transfer.

To clean dryer drum:

- 1. Make a paste with powdered laundry detergent and very warm water.
- **2.** Apply paste to a soft cloth.

OR

Apply a liquid, non-flammable household cleaner



to the stained area and rub with a soft cloth until all excess dye is removed.

- 3. Wipe drum thoroughly with a damp cloth.
- 4. Tumble a load of clean cloths or towels to dry drum.

M



Explosion Hazard Use nonflammable cleaner. Failure to do so can result in death, explosion, or fire.

REMOVING ACCUMULATED LINT FROM INSIDE THE DRYER CABINET

Lint can gather inside the dryer and be a fuel for fire. Lint should be removed every 2 years, or more often, depending on dryer usage. Cleaning should be done by a qualified person.

CHANGING THE DRUM LIGHT

The dryer light automatically turns on inside the dryer drum when you open the door. See instructions below to change your drum light.

To change drum light:

- **1.** Unplug the dryer or disconnect the electricity leading to the dryer at the main power supply.
- **2.** Open the dryer door. Remove the light bulb



cover from the back wall of the dryer by removing the screw located in the lower right corner of the cover.

3. Remove the light bulb by turning it counterclockwise.

- **4.** Replace the bulb with a 10-watt appliance bulb only.
- **5.** Replace the light bulb cover.



6. Reconnect power supply.

TROUBLESHOOTING

COMMON DRYING PROBLEMS

PROBLEM	CAUSE	SOLUTION
Not drying	Lint screen is clogged with lint.	Clean lint screen.
satisfactorily	• Restricted air movement. Exhaust vent or outside exhaust hood is clogged with lint.	 Run dryer for 5-10 minutes. Hold hand under outside exhaust hood to check air movement. If you do not feel air moving, clean exhaust system of lint or replace exhaust vent with heavy metal or flexible metal vent (see your Installation Instructions).
	 Exhaust vent is crushed or kinked. 	 Replace with heavy metal or flexible metal vent (see your Installation Instructions).
	 One fuse is blown or circuit breaker is tripped. The dryer will appear to operate, but you will not get any heat. 	Replace fuse or reset breaker.
	 Cycle Control knob or temper- ature selector is set on air dry. 	 Select the right cycle and temperature for the types of garments being dried (see "Using your Dryer").
	 Fabric softener sheets blocking exhaust grill. 	 Use only one softener sheet per load and only use it once.
	 Dryer located in room with temperature below 45°F. 	 Move dryer to a location with temperatures above 45°F.
	 Large amount of moisture in the load. 	 Expect longer dry times with items that hold more moisture (cottons).
	 Cold rinse water used. 	Expect longer dry times.
	 Load too large and bulky to dry quickly. 	Separate load to tumble freely.
Dryer will not run	 Power cord not firmly plugged into a live circuit with proper voltage. 	 Plug power cord into a live circuit.
	 Fuses blown or circuit breakers tripped. 	Replace fuses or reset breakers.
	 Using a regular fuse. 	 Replace with a time-delay fuse.
	 Dryer door not firmly closed. 	Close dryer door tightly.
	 Start button not firmly pressed. 	Press Start button again.
	Cycle Control knob set to Off.	 Set knob to a cycle or time.

COMMON DRYING PROBLEMS (CONT.)

PROBLEM	CAUSE	SOLUTION
Lint in load	 Lint screen is clogged. 	Clean lint screen. Check for air movement.
	 Improper sorting. 	 Sort lint givers from lint takers and sort by color.
	 Load is too big or heavy. 	 Dry smaller loads so lint can be carried to the lint screen.
	• Load is overdried.	 Use correct dryer settings for fabric. Overdrying can cause lint-attracting static (see "Using Your Dryer").
	 Paper or tissue in pockets. 	 Clean out pockets before drying.
	• Pilling being mistaken for lint.	 Pilling (surface fuzz) is caused by normal wear and laundering.
Stains on load	 Improper use of fabric softener in washer. 	 Use fabric softener sheets in dryer. Add at begin- ning of cycle when load is cold.
	 Drying soiled items. 	 Items need to be clean before being dried.
	Overdrying	 Match dryer settings to fabric type (see "Using Your Dryer").
	 Poor garment quality. 	 Check quality of garment before purchasing.
	 Manufacturer's care label instructions not followed. 	• Follow fabric care label instructions carefully.
ltems	Overloading.	 Dry smaller loads that can tumble freely.
shrinking	• Overdrying.	 Match dryer settings to fabric type (see "Using Your Dryer").
Loads are wrinkled	 Load left in dryer at the end of cycle. 	 Remove load as soon as tumbling stops.
Odors	 Household chemicals, paint, or varnish being drawn into dryer. 	 Do not use dryer while these chemical fumes are in the air.
	• First use of dryer element.	 Odor will be gone after the first cycle.
Unusual sounds	 Thumping of rollers when dryer has not been used for a while. 	 Thump will go away after 5 minutes of drying.

Assistance or Service

IF YOU NEED ASSISTANCE OR SERVICE

Call the Whirlpool Consumer Assistance Center



toll free at 1-800-253-1301. Our consultants are available to assist you. When calling:

Please know the purchase date, and the complete model and serial number of your appliance (see "A Note To You"). This information will help us better respond to your request.

Our consultants provide assistance with:

- Features and specifications on our full line of appliances
- Installation information
- Use and maintenance procedures

- Accessory and repair parts sales
- Specialized customer assistance (Spanish speaking, hearing impaired, limited vision, etc.)
- Referrals to local dealers, service companies, and repair parts distributors

Whirlpool designated service technicians are trained to fulfill the product warranty and provide after-warranty service, anywhere in the United States.

To locate the Whirlpool designated service company in your area, you can also look in your telephone directory Yellow Pages.

IF YOU NEED REPLACEMENT PARTS

If you need to order replacement parts, we recommend that you only use FSP[®] factory specified parts. These parts will fit right and work right, because they are made to the same exacting specifications used to build every new ESTATE[®] appliance. To locate FSP replacement parts in your area, call our Consumer Assistance Center or your nearest designated service center.

FOR FURTHER ASSISTANCE

If you need further assistance, you can write to Whirlpool with any questions or concerns at:

Whirlpool Brand Home Appliances Consumer Assistance Center c/o Correspondence Dept. 2000 North M-63 Benton Harbor, MI 49022-2692 Please include a daytime phone number in your correspondence.

ESTATE® DRYER WARRANTY

LENGTH OF WARRANTY	WHIRLPOOL WILL PAY FOR
FULL ONE-YEAR WARRANTY FROM DATE OF PURCHASE	FSP [®] replacement parts and repair labor to correct defects in materials or workmanship. Service must be provided by a Whirlpool designated service company.
WHIRLPOOL CORPORATION	WILL NOT PAY FOR
A. Service calls to:	
	your dryer, including venting. Heavy 4-inch metal exhaust vent must be section of this manual and your Installation Instructions.
 Instruct you how to use yo owner accessible light but 	our dryer, to replace house fuses or reset circuit breakers, or to replace bs.
B. Repairs when your dryer is u	sed in other than single-family household use.
	d by accident, alteration, misuse, abuse, fire, flood, acts of God, improper t limited to, venting with plastic or flexible foil), or installation not in cal and plumbing codes.
D. Replacement parts or repair	labor costs for units operated outside the United States.
E. Pick-up and delivery. This pr	oduct is designed to be repaired in the home.
F. Repairs to parts or systems r	esulting from unauthorized modifications made to the appliance.
	3/99
DAMAGES. Some states do not all	ALL NOT BE LIABLE FOR INCIDENTAL OR CONSEQUENTIAL ow the exclusion or limitation of incidental or consequential damages, so apply to you. This warranty gives you specific legal rights, and you may
also have other rights which vary fr	

Outside the United States, a different warranty may also apply. For details, please contact your authorized Whirlpool dealer.

If you need service, first see the "Troubleshooting" section of this book. After checking "Troubleshooting," additional help is available by checking the "Assistance or Service" section, or by calling our Consumer Assistance Center at, **1-800-253-1301**, from anywhere in the U.S.A.