

INSTRUCTION BOOKLET

**ZANUSSI**

# TUMBLE DRYER TC470

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# TECHNICAL SPECIFICATIONS

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		with worktop	without worktop
DIMENSIONS	Height	85 cm	82 cm
	Width	60 cm	60 cm
	Depth	60 cm	57 cm
WEIGHT		45 kg	
ELECTRICAL CONNECTION	Voltage	220-240 V/50 Hz	
	Max. power absorbed	2700 W	
DRYING CAPACITY	Cotton, linen	5 kg (11 lb)	
	Synthetics	2 kg (4.5 lb)	

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## Stacking kit

A special stacking kit is available through your nearest ZANUSSI Centre, to enable the dryer to be mounted on top of a front-loading washing machine.

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# WARNINGS

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**It is most important that this instruction book should be retained with the appliance for future reference. Should the appliance be sold or transferred to another owner, or should you move house and leave the appliance, always ensure that the book is supplied with the appliance in order that the new owner can get to know the functioning of the appliance and the relevant warnings.**

**These warnings have been provided in the interest of safety. You MUST read them carefully before installing or using the appliance.**

## INSTALLATION

- Any electrical work required to install this appliance should be carried out by a qualified electrician or competent person.
- Make sure that the appliance does not stand on its electrical supply cable.
- **If the machine is situated on a carpeted floor, please adjust the feet in order to allow air to circulate freely.**

## USE

- Always unplug the appliance after use.
- Clothes which are dripping wet should not be placed in the dryer.  
Always load well spun laundry. The higher the spin speed, the lower the electricity consumption and the shorter the drying times.
- Never tumble dry items that have been in contact with chemicals such as dry cleaning fluid. These are of a volatile nature and could cause an explosion.
- As some bulky items such as duvets and eider-downs should be dried in large commercial machines because of their bulk, check with the manufacturer of the item if it is suitable for drying in a domestic machine, even if the dry weight of the item is within the limit advised.
- Always check that no cigarette lighters have been left in pockets.
- Leave the door slightly ajar when not in use to preserve the door seal.
- The fluff filter must be cleaned after every use.
- Do not operate the appliance with a damaged filter or with no filter at all, as this may cause a fire.
- Do not overload the appliance.
- Do not allow fluff to accumulate around the dryer.


## SERVICE/REPAIR

- Under no circumstances should you attempt to repair the machine yourself. Repairs carried out by inexperienced persons may cause injury or serious malfunctioning. Refer to your local Zanussi Service Centre. Always insist on genuine Zanussi spare parts.

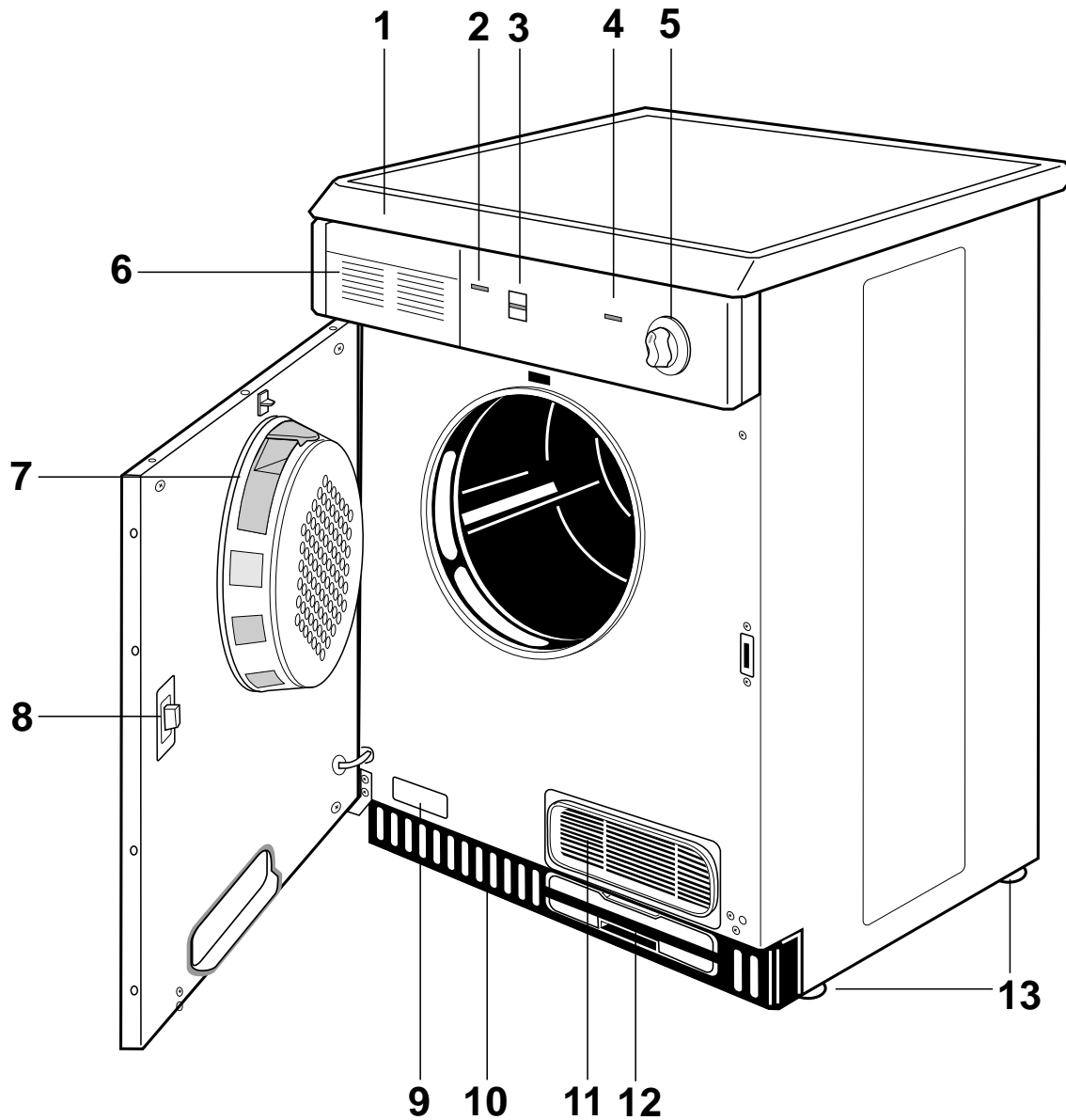
## GENERAL SAFETY

- It is dangerous to modify or try to modify the specifications of this appliance in any way.
- This appliance is designed to be used by adults. Children should not be allowed to touch the controls or play with the product.
- Pets and small children may climb into tumble dryers. Check your appliance each time before use.

## ENVIRONMENT PROTECTION

- The materials used on this appliance marked with the symbol  are recyclable. This means that they can be recycled by disposing of them properly in appropriate collection containers.
- If you take your appliance to a refuse disposal site, cut off the power cable flush with the appliance to avoid the danger of the appliance being re-used, and disable the door catch to prevent children becoming trapped inside.

# YOUR APPLIANCE



- 1 Worktop
- 2 Reservoir Full Indicator Light
- 3 Door Open Button
- 4 Mains On Light
- 5 On/Off Dial - Time Selector Dial
- 6 Programme Chart
- 7 Fluff Filter
- 8 Door Catch
- 9 Rating Plate
- 10 Ventilation Grille
- 11 Condenser Unit
- 12 Water Reservoir
- 13 Height - Adjustable Feet

# INSTALLATION

## Positioning

The appliance may be placed on any type of flat floor. It must be perfectly level (use a spirit level if necessary). Adjust the feet to compensate for any unevenness in the floor.

To ensure correct operation, the surrounding area must be kept clean, free of dust and fluff.

Air must be able to circulate freely all round the appliance. Do not obstruct the front ventilation grille or the air intake grilles in the back of the machine.

### Do not remove the feet.

Do not reduce the clearance between the appliance and the floor by placing it on deep pile carpet or rugs, as this could lead to a build-up of heat which would adversely affect operation of the machine.

## Important:

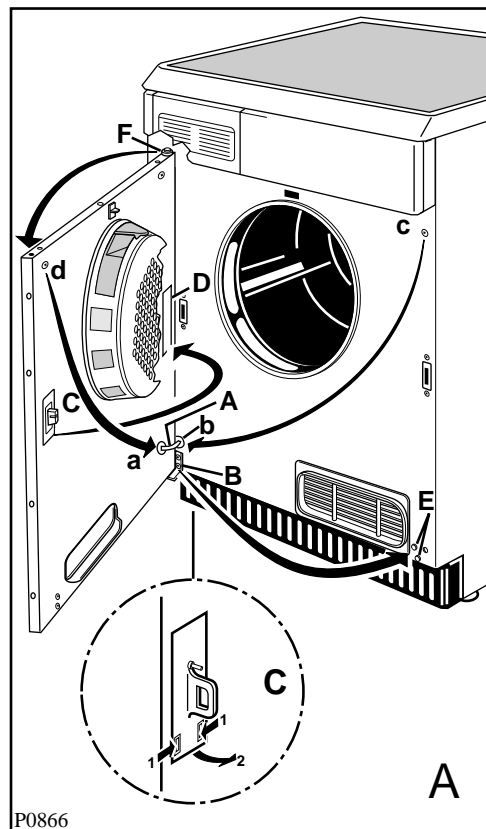
The hot air emitted by the tumble dryer can reach temperatures of up to 60°C. The appliance must therefore not be installed on floors which are not resistant to high temperatures.

The ambient temperature must not exceed 35°C, even when the appliance is working. If it does, open the door or window.

## Door Reversal Instructions

The appliance is supplied with the door opening from right to left. If you wish to change the opening direction, proceed as follows (see picture A):

1. Unhook door stopper «A» from its seat «a» and loosen from hole «b» by a 90° rotation.
2. Remove the plastic plug from hole «c» by a 90° rotation and re-fix in hole «b».
3. Unscrew hinge «B» (loosen the 2 screws, holding the door securely) and lower the door from the top pivot.
4. Re-insert pin «F» from the door above and below on opposite sides respectively.
5. Loosen door catch «C» by pressing both lugs together (see small illustration).
6. Loosen opposite plastic part «D» as in step 5 (you may need to use a screwdriver to assist in both steps 5 and 6).
7. Interchange and insert parts «C» and «D».
8. Remove screws «E» and refit on the opposite side. Fix hinge «B» on the right handside. Do not fully tighten the screws.



9. To mount door, see picture B:

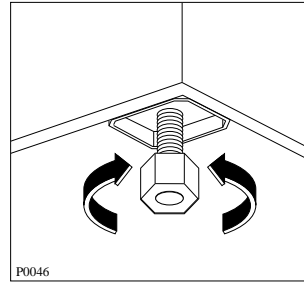
- First locate into upper right hand hole with upper pin «F».
- Then place lower pin into the hinge «B» at the bottom of the door.
- Align door before tightening hinge.
- Tighten hinge.

10. Remove the plug from hole «d» and refix in hole «a» (Fig. A).

11. Fix door stopper «A» in hole «c» by 90° rotation.

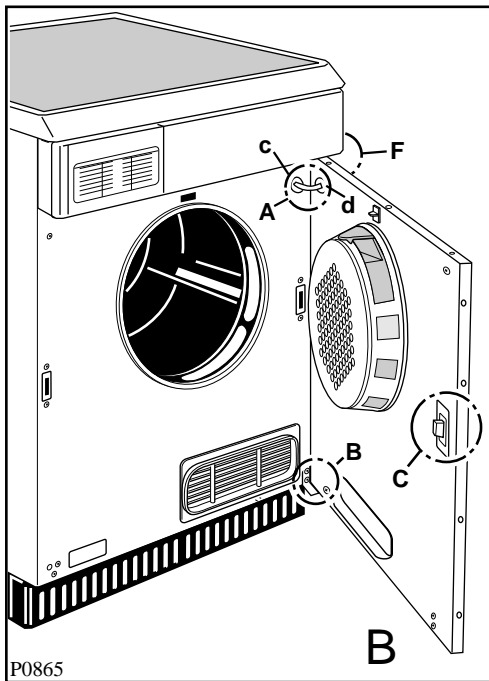
12. Hook door stopper «A» into hole «d».

## Levelling



Level the tumble dryer into place by screwing or unscrewing the feet as required.

**Accurate levelling will keep vibration and noise to a minimum when the dryer is in use.**



## Electrical Connections

### **WARNING: THIS APPLIANCE MUST BE EARTHED.**

**The manufacturer declines any liability should this safety measure not be observed.**

If the plug that is fitted to your appliance is not suitable for your socket outlet, it must be cut off, and the appropriate plug fitted.

Remove the fuse from the cut off plug. The cut off plug should then be disposed of to prevent the hazard of electric shocks, in case it should be plugged into a 13 Amp socket in another part of your home.

### **IMPORTANT**

The wires in the mains lead are coloured in accordance with the following code:

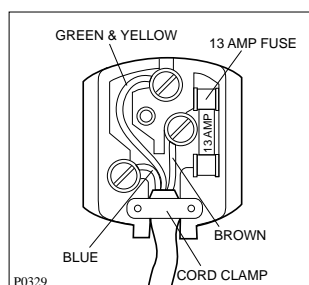
Green and Yellow - Earth

Blue - Neutral

Brown - Live

If you fit your own plug, the colours of the wires in the mains lead of your appliance may not correspond with the markings identifying the terminals in your plug.

To fit the plug, proceed as follows:



Connect the green and yellow (earth) wire to the terminal in the plug which is marked with the letter «E» or the earth symbol  $\perp$ , or coloured green and yellow.

Connect the blue (neutral) wire to the terminal in the plug which is marked with the letter «N» or coloured black.

Connect the brown (live) wire to the terminal in the plug which is marked with the letter «L» or coloured red.

The plug moulded on to the lead incorporates a fuse. For replacement, use a 13 Amp BS1362 fuse. Only ASTA or BSI approved fuses should be used.

The plug must not be used if the fuse cover/carrier is lost. The cover/carrier is indicated by the coloured insert at the base of the plug.

A replacement cover/carrier must be obtained from your local ZANUSSI Service Centre whose address is listed in the Customer Care Booklet which accompanies your instruction manual.

Avoid connecting the tumble dryer to the same socket as your washing machine (or any other appliance) by means of an adapter. Have an extra socket installed if necessary, by a qualified electrician.

**CE** This appliance complies with the following E.E.C. Directives:

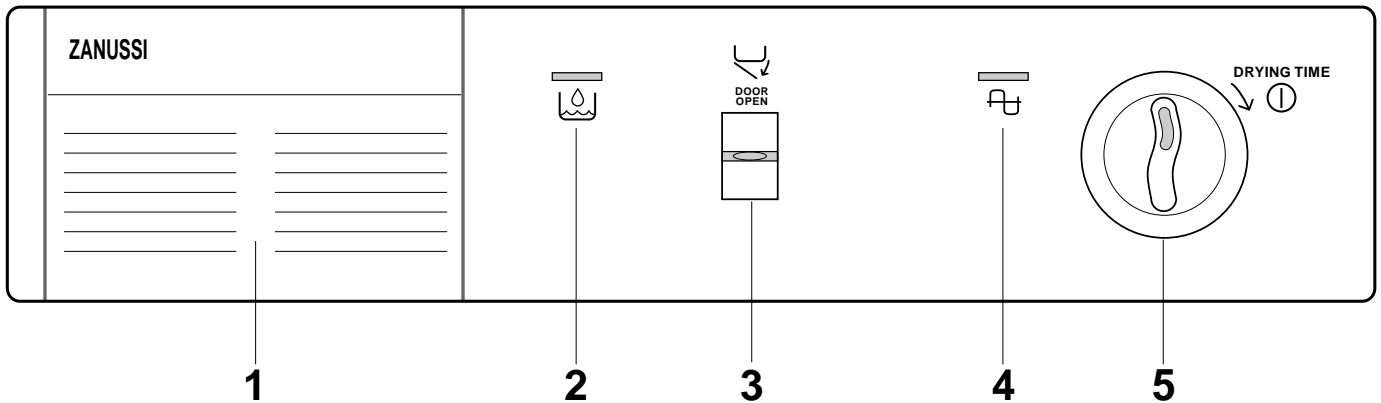
- 73/23 EEC of 19.2.73 (Low Voltage Directive) and subsequent modifications;

- 89/336 EEC of 3.5.89 (Electromagnetic Compatibility Directive) and subsequent modifications.

**Please ensure that when the appliance is installed it is easily accessible for the engineer in the event of a breakdown.**

# GETTING TO KNOW YOUR MACHINE

## Control panel



### 1 Programme chart

### 2 Water Full Indicator Light (red)

This light illuminates when the reservoir is full or improperly fitted.

The programme will be interrupted.

### 3 Door Open Button

Depress this button to open the door.

The door of the machine can be opened at any time during the programme if you want to feel the dryness of the fabrics.


### 4 Mains On Light (green)

The pilot light indicates operating status.

### 5 On/Off Dial - Time Selector Dial

Turn the dial clockwise (to the right) to select the time for drying (see Chart page 9). At the same time the machine is switched on and the programme starts.

This dryer has two drying cycles of up to 120 and 80 minutes, giving a high or low heat temperature according to the fabric type.

When selecting the drying time you should remember that it includes a 12 minute cooling phase (position  on the dial).

This phase should not be shortened, stopped or avoided, as this could cause skin burns or damages to the laundry.

#### Additional drying



If, at the end of the programme, the laundry is still too damp, set the dial for a further period of drying (remembering to take into account the cooling period).




## DRYING TIMES

### Cotton and Linen (blue section)


Selector dial: up to 120 minutes (high temperature section)


Degree of drying required and labels on articles	Degree of spin given rpm	Quantity kg (1)	Drying times mins
Store dry 	800	5	90-100
		2.5	55-65
	1000-1200	5	75-90
		2.5	45-55
Iron dry 	800	5	65-80
		2.5	45-55
	1000-1200	5	60-75
		2.5	35-45

 high temperature

### Synthetics (green section)

Selector dial: up to 80 minutes (low temperature section)

Degree of drying required and labels on articles	Degree of spin given	Quantity kg	Drying times mins
Store dry 	Short spin	2	40-50
		1	30-40
		0.5	20-25

 reduced temperature

(1) Never overfill the drum (do not load large quilts, for example).

The laundry must be suitably spin dried in your washing machine before being placed in the tumble dryer (500rpm minimum).

Drying times vary according to:

- The type of laundry
- The size of the load
- The degree of spinning prior to drying

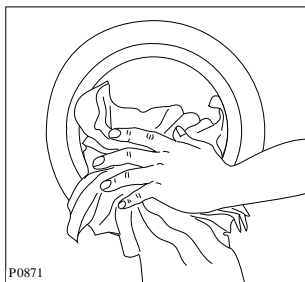
Drying times are given as a guide only. Experience will soon enable you to estimate the drying time needed for your usual laundry loads.


Do not start by selecting a long drying time. It is better to determine the required degree of dryness by gradually increasing the drying time.

For a mixed load (cotton and resistant synthetics, for example) select the time for the most delicate fibres and increase it by 10 mins.

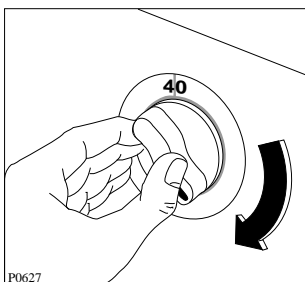
## Drying

### 1. Load the laundry



Open the door by pressing button . Load the items one at a time, shaking them out loosely and close the door. Check the laundry does not get caught between the door and filter.

### 2. Select the drying time



Turn the selector dial clockwise to the required minute setting (in the high or low temperature range, according to the fabric). The mains-on light will illuminate and the dryer will start to work.

### 3. When drying is completed

The machine stops automatically and the mains-on light goes out.

If the laundry is still too damp, select a further brief drying time, bearing in mind that during the last 12 minutes the dryer carries out the cooling and anticrease treatment phase.




Remove the clothes from the machine.

**Clean the filter after every drying programme. A clean filter ensures correct functioning of the appliance.**

## Useful hints

- Try to load to the maximum capacity of the machine as small loads are uneconomical. For information, here is a list of the average weights of some common laundry items.

Sheet	700 - 1000 g
Tablecloth	400 - 500 g
Kitchen towel	70 - 120 g
Table napkin	50 - 100 g
Hand towel	150 - 250 g
Bathrobe	1000 - 1500 g
Man's shirt	200 - 300 g
Pillowcase	100 - 200 g
Man's pyjamas	400 - 500 g
Ladies' nightdress	200 - 250 g

- Never tumble dry the following:  
Particularly delicate items such as net curtains, woollen, silk, fabrics with metal trim, nylon tights, bulky materials such as anoraks, blankets, eiderdowns, sleeping bags, feather quilts and any items containing rubber foam or materials similar to rubber foam.
- Always follow the instructions on garment labels.
-  Tumble dry normal (high temperature)
-  Tumble dry delicate (low temperature)
-  Do not tumble dry
- Close pillowcases and covers with fasteners to prevent small laundry items getting tangled inside them. Close press studs, zips and hooks and tie belts and apron strings.
- Sort laundry according to type and degree of drying required.
- Do not over-dry laundry, this avoids creasing and saves energy.
- Avoid drying dark clothes with light coloured fluffy items such as towels as they could attract the fluff.
- Remove the laundry when the dryer has finished drying.
- To avoid a static charge when drying is completed, use either a fabric softener when you are washing the laundry or a fabric conditioner specifically for tumble dryers.

## Laundry Shrinkage

Certain fabrics such as woollens and silks are generally not suitable for tumble drying. Due to the structure of some woollen garments which are recommended for tumble drying, shrinking could still occur, but once the garment is worn again, it should regain its shape.

## Starched Laundry

Starched laundry can also be dried in the tumble dryer. Make sure that the time selected is for iron dry. After completion of the programme wipe out the drum with a damp cloth and dry to remove any traces of starch.

# MAINTENANCE AND CLEANING

## Important:

You must disconnect the appliance from the electricity supply, before carrying out any cleaning or maintenance work.

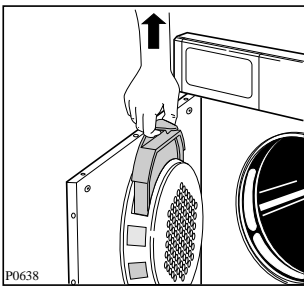
## External cleaning

Use only soap and water. Rinse and dry thoroughly.

## Important:

Never use abrasive or caustic products.

## Cleaning the filter

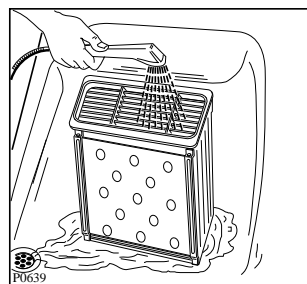
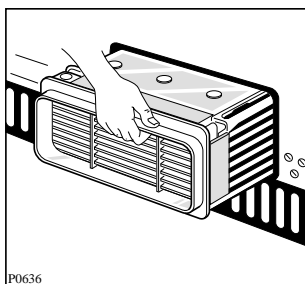


The tumble dryer cannot operate efficiently with a clogged filter. The filter collects all the fluff which forms during drying and it is therefore essential to remove and clean this filter after each drying programme.

You should not be alarmed by the amount of fluff which collects on the filter; this is due to normal wearing of the fabrics dried and not to incorrect operation of your machine. Rubbing of the fibres during normal wear and washing forms fluff. If laundry is dried on a line, this fluff simply flies away, whereas inside the tumble dryer it collects together and swells considerably as a result of the drying action.

## Cleaning the condenser unit

Clean the air condenser periodically, 3 or 4 times a year depending on how frequently the dryer is used. Pull out the condenser, holding it at the top, and remove all fluff. Clean it with a brush and rinse it under the shower if necessary.




Also clean the outside, removing all fluff.

Clean the rubber seal round the porthole door and the seal of the condenser in the inner door with a damp cloth.

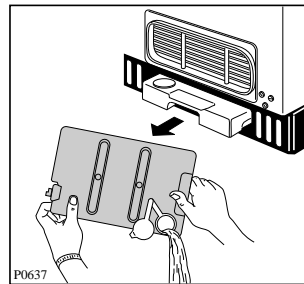
## Emptying the water reservoir

Water extracted from the laundry condenses inside the machine and is collected in a reservoir.

The reservoir must be emptied after each drying cycle to ensure efficient operation when the machine is next used.

If this is not done a safety device trips: pilot light  on the control panel comes on and the programme stops, leaving the laundry damp.

The reservoir can be emptied even in the middle of a programme.



**The reservoir must be re-inserted correctly.**

**Handy tip:** The condensed water may be used in a steam iron or to top up a battery, etc. In this case it must be filtered (e.g. through a coffee filter).


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# SERVICING

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**Before contacting your local Zanussi Service Centre, please make the following checks:**

## **The tumble dryer will not start**

- door not closed properly
- appliance not plugged in
- blown fuse
- power cut
- selector dial incorrectly positioned
- water reservoir full or not properly inserted. In this case, pilot light  comes on.

## **Poor drying results**

- has the correct time been selected?
- do the filter and air condenser need cleaning?
- is the drum over-loaded?
- is the water reservoir empty and properly inserted?

If, after the above checks, there is still a fault, call your local Zanussi Service Centre, whose address can be found in the accompanying Customer Care Booklet, and can also be found in your local telephone directory under «Z». Please make sure you give the model and serial number of the appliance.

This information can be found on the rating plate or on the guarantee certificate.

Original spare parts can be purchased from Zanussi Service Centres.

**In-guarantee customers should ensure that the above checks have been made as the engineer will make a charge if the fault is not a mechanical or electrical breakdown.**

**Please note that proof of purchase is required for any in-guarantee service calls.**

## **Service details - adhesive label**

When you return your guarantee card to Zanussi Ltd., you will receive a «Appliance Guarantee And Maintenance Record» together with an adhesive label containing the telephone number of your local Zanussi Service Centre. The label can be adhered to the machine or adjacent furniture.

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## PEACE OF MIND FOR TWELVE MONTHS

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### Zanussi standard guarantee conditions

This guarantee is in addition to your statutory and other legal rights which will not be excluded or in any way diminished by the return of this guarantee card.

We, Zanussi Ltd., undertake that if, within twelve months of the date of the purchase, this ZANUSSI appliance or any part thereof is proved to be defective by reason only of faulty workmanship or materials, we will, at our option, repair or replace the same FREE OF ANY CHARGE for labour, materials or carriage on condition that:

- The appliance has been correctly installed and used only on the electricity supply stated on the rating plate.
- The appliance has been used for normal domestic purposes only, and in accordance with the manufacturer's operating and maintenance instructions.
- The appliance has not been serviced, maintained, repaired, taken apart or tampered with by any person not authorised by us.

All service work under this guarantee must be undertaken by a Zanussi Service Force Centre.

Home visits are made between **8.30am** and **5.30pm** Monday to Friday. Visits may be available outside these hours in which case a **premium** will be charged.

Any appliance or defective part replaced shall become our property.

### Exclusions

**This guarantee does not cover:**

- Damage or calls resulting from transportation, improper use or neglect, the replacement of any light bulbs or removable parts of glass or plastic.
- Costs incurred for calls to put right machines improperly installed or calls to machines outside the United Kingdom.
- Appliances found to be in use within a commercial or similar environment, plus those which are subject to rental agreements.
- Products of Zanussi manufacture which are NOT marketed by Zanussi Ltd.
- EEC Countries - The standard guarantee is applicable but subject to the owner's responsibility and cost to ensure the appliance meets the standards set by the country to which the product is taken. The Zanussi company in the country concerned will be pleased to advise further. Sight of your purchase receipt will be required by them.



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