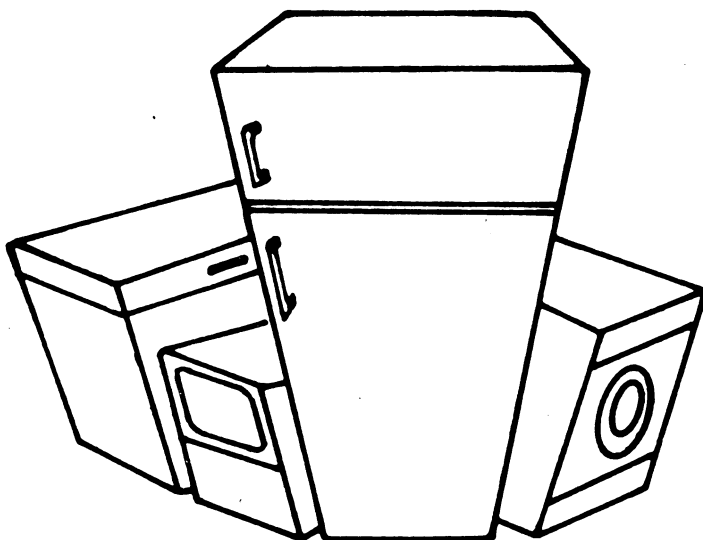


# Instruction for the use and care of DL4 washing machine



# ZANUSSI

**We put more in so you get more out**

# I N D E X

<b>Technical data</b> . . . . .	<b>page 3</b>
<b>Installation</b> . . . . .	<b>» 4</b>
<b>Electrical connection</b> . . . . .	<b>» 7</b>
<b>Operating instructions</b> . . . . .	<b>» 8</b>
<b>Wash programmes</b> . . . . .	<b>» 11</b>
<b>Care and cleaning</b> . . . . .	<b>» 14</b>
<b>Helpful tips for washing</b> . . . . .	<b>» 15</b>

## TECHNICAL DATA

---

Width . . . . .	23.6	ins.
Overall depth (excluding hose) . . . . .	22.0	ins.
Height . . . . .	33.5	ins.
Weight . . . . .	193.5	lbs.
Dry clothes capacity . . . . .	9	lbs.
Heater rating . . . . .	2700	W
Motor rating during washing . . . . .	0.09	HP
Motor rating during spinning . . . . .	0.12	HP
Water load . . . . .	3.1	gals.
Minimum water pressure . . . . .	7	p.s.i.
Maximum water pressure . . . . .	110	p.s.i.
Supply Voltage . . . . .	220-240	V

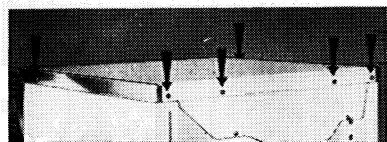
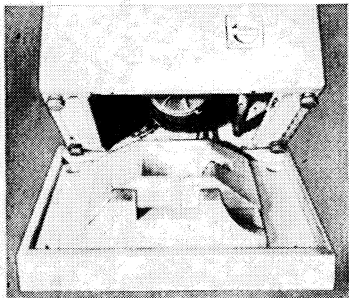
# INSTALLATION

---

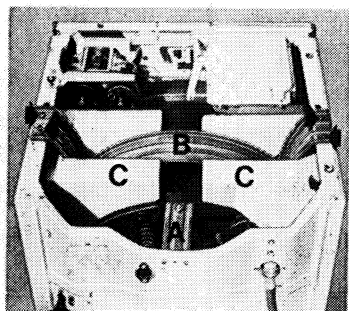
## UNPACKING

After having removed the cardboard packing, reinforcing angles and polythene wrapping, proceed as follows:

- 1) tilt the machine and remove base packing (fig. 1)



- 2) remove the 6 top panel securing screws and lift panel clear (fig. 2)
- 3) remove the bracket (A - fig. 3) which secures the tub to the back of the appliance

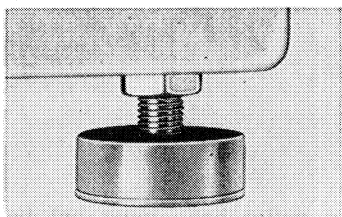


- 4) remove the 4 screws which secure the transit crosspiece to the cabinet (B - fig. 3) remove the crosspiece and lift out the two polystyrene packing blocks (C - fig. 3)
- 5) replace the top panel and the 6 securing screws.

### LEVELLING

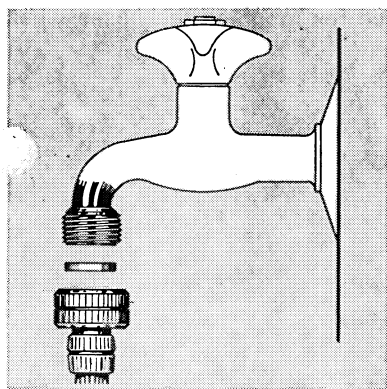
Move the washer to its permanent operating location and carefully level it by adjusting the feet and locking them in position with the lock nut (fig. 4). It is important that special care is taken in the levelling of the appliance in order to avoid any vibration or movement during operation.

When positioning the machine, a small space must be allowed all round, so that it cannot touch the walls or adjacent furniture while it is operating.



### WATER CONNECTION

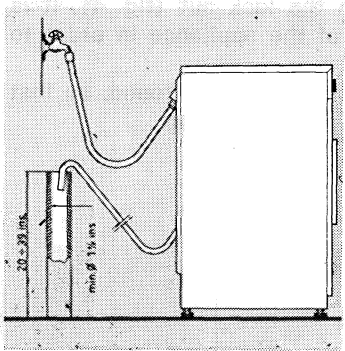
Water inlet hose: if a cold water tap having a  $\frac{3}{4}$ " gas thread spout is available, the inlet hose fitted with the rubber sealing washer (supplied with the machine) should be connected as shown (fig. 5).



**IMPORTANT:** To obtain the best washing results, it is necessary to use the cold water supply only.

If the water connection is made onto new pipes or onto pipes which have not been used for a long time, it is advisable to run off a certain amount of water before connecting the machine. This will avoid foreign matter blocking the filters placed at the end of the water inlet hose.

Drain hose: Hook the curved end of the outlet hose over the edge of a sink or insert it into a drain pipe not less than 20 ins. and not more than 39 ins. from floor level (fig. 6).



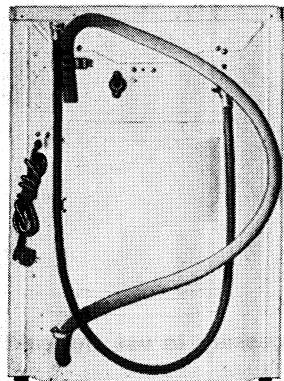
6

The water should drain quickly and the end of the outlet hose must not be submerged in water.

It is advisable that the drain pipe, if used, has an internal diameter of at least 1.1/2 ins. Be sure that the drain hose is not choked or placed in such a way as to obstruct the normal water flow.

If an extension hose is required, its inner diameter must be the same as that of the original hose of the washer; its length must not exceed 52 ins. and the drain must be no higher than 31 ins.

A plastic clip is fitted to the back of the appliance for retaining the hoses when not in use (fig. 7).



7

# ELECTRICAL CONNECTION

---

**WARNING: This appliance must be earthed.**


Connection to the electrical supply should be made by a 3 pin 13 amp or 3 pin 15 Amp plug. If a BS 1363 3 pin 13 Amp fused plug and socket is used, the plug should be fitted with a 13 Amp fuse. If a 15 amp plug and socket is used this should be protected by a 15 Amp fuse either in the plug or at the distribution board fuse box.

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

## IMPORTANT

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

**GREEN AND YELLOW - EARTH**  
**BLUE - NEUTRAL**  
**BROWN - LIVE**

As the colours of the wires in the mains lead of this appliance may not correspond with the coloured markings identifying the terminals in your plug proceed as follows: the wire which is coloured green and yellow must be connected to the terminal in the plug which is marked with the letter E or by the earth symbol  or coloured green or green and yellow. The wire which is coloured brown must be connected to the terminal which is marked with the letter L or coloured red. The wire which is coloured blue must be connected to the terminal which is marked with the letter N or coloured black.

## ACCESSORIES

### Castors

Instead of feet, the washing machine can be supplied, on request, with four castors to give ease of movement.

The castors can easily be fixed to the appliance. Firstly remove the feet and then secure the castor in position by re-placing the foot threaded shaft through the castor locating hole.

# OPERATING INSTRUCTIONS

---

## PRELIMINARY CHECK

Carry out the following check before using the machine:

- is the plug in the socket? is the power on?
- is the water inlet hose connected to the tap and the tap turned on?
- has the drain hose been placed on the edge of a sink or in a drain?
- is the door properly closed?

## STARTING AND STOPPING

To start the machine, select the programme required by turning the timer control knob to the required number and pull out the control knob. It should be noted that this knob freewheels in the 'on' position, therefore the programme selection cannot be changed without switching the machine off. Once the machine is started, it will automatically carry out all operations up to the end of the programme chosen and will automatically stop. To switch the machine off or stop the machine in the course of a programme, push in the timer control knob.

As a safety feature the door is automatically locked during the washing cycle and remains locked for a further 60-70 seconds after the machine finishes the programme or is switched off. This feature is not however operative during the water filling stage. As an additional safety feature the door is also fitted with a double action catch. Operation of this catch is very simple provided that the outside section is first slid inwards and then without releasing it the complete catch is pulled outward (fig. 8).



8



## SELECTION OF WASHING PROGRAMME

The washing machine carries out 6 washing programmes. Each programme has been specially designed for a specific type of fabric (e.g. cotton, synthetic fibres, wool, etc.).

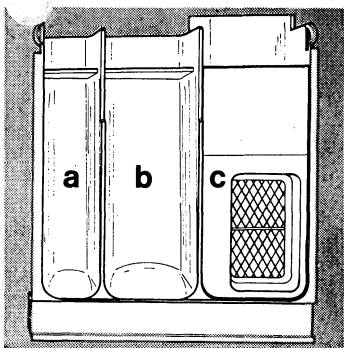
The appropriate programme must therefore be chosen according to the type of fabric to be washed.

### Operate as follows:

- make sure the timer knob is pressed in and then rotate it clockwise until the timer index line corresponds with the number of the programme chosen;
- put washing powder into the appropriate compartments of the pull-out dispenser on the left-hand side of the machine.

## FILLING WITH WASHING POWDER

The washing powder dispenser is located on the left front side of the control panel. It is very important to use a low sudsing powder (see paragraph « Which powder ») such as Persil Automatic. Pull out dispenser drawer and add washing powder. The amount of washing powder for the prewash or soaking (2-3 ozs.) should be put into section « A » of dispenser (fig. 9) and the powder for the main wash (3-4 ozs.) should be put into section « B ». For biological washing of synthetic material, use the specific powder which are available on the market and read the manufacturer's instructions carefully. Once the dispenser drawer is filled, close by pushing in.



## USE OF ADDITIVES

This washing machine is designed to carry out special treatments such as the addition of fabric softeners automatically at the end of some washing programmes. The liquids to be used should be put into compartment C (fig. 9) of the dispenser at the beginning of the programme and will be automatically utilised at the appropriate time. Dense liquid must be diluted with water. With regard to the amount of additive to be used follow the manufacturer's instructions bearing in mind that about 3 gallons of water are utilized during this process.

## WHICH POWDER?

**Do not use ordinary powders** like Ariel, Radiant, Daz etc. in your new Zanussi DL 4. The reason for this is very simple, these powders produce so much lather that clothes are prevented from tumbling freely and cannot get properly clean.

**Do use the right powder.** To get the best results from the DL 4 we recommend **Persil Automatic**. Like all modern automatic machines the DL 4 works at peak efficiency with a low lather product. Persil Automatic's balanced lather is specially designed to complement the cleaning action of these machines. So use it regularly for trouble free washing and superb results.

**Do use enough powder.** To get your clothes really clean it is essential that enough powder is used in the machine. The correct amount will depend on a number of things — the hardness of the water, the size of the load, and the amount of soiling present. As a guide we suggest you follow the table below and adjust the amounts in light of your personal experience. You may find it helps to use a measuring cup at first.

	Small Load or Light Soiling	Full Load or Heavy Soiling
Soft Water	1 cup	1-2 cups
Hard Water	1-2 cups	2-3 cups

# WASH PROGRAMMES

---

## COTTON, LINEN

### Whites heavy soil - bio prewash

**1**

Prewash and soaking in lukewarm water for more than one hour.  
Vigorous wash in very hot water.  
5 rinses in cold water.  
Spinning.

**Put the powder required for bio-prewash and soaking into compartment « a » and for the main wash into compartment « b »; if required, pour the liquid additive into compartment « c ».**

---

### Whites normal soil

**2**

Prewash in lukewarm water.  
Vigorous wash in very hot water.  
5 rinses in cold water.  
Spinning.

**Put the powder required for prewash into compartment « a » and for the main wash into compartment « b »; if required, pour the liquid additive into compartment « c ».**

---

### Fast coloureds

**3**

Vigorous wash in hot water.  
5 rinses in cold water.  
Spinning.

**Put the powder required for the wash into compartment « b »; if required, pour the liquid additive into compartment « c ».**

---

## WASH PROGRAMMES

---

# 4

### Rinses and Spin

5 rinses in cold water.  
Spinning.

---

### Special Treatments

# 5

Rinse with cold water and additive.  
Spinning.

**Pour the liquid additive into compartment « c » taking care not to exceed the level of the filter.**

---

### Spin

# 6

Spinning for about 6 minutes with water draining.  
It is important to place timer index line exactly on No. 6 position.

**If you wish to spin your laundry at the completion of programmes 7, 8 and 9 use the following procedure. Switch machine off and turn the timer control knob to the No. 6 position and start the machine. Allow the machine to spin for approximately 1 minute. Depress the knob. Turn to the off position.**

---

## WASH PROGRAMMES

---

### SYNTHETICS, WOOL, DELICATES

7

#### Fast synthetics - bio prewash

Prewash and soaking in lukewarm water for more than one hour.  
Gentle wash in very hot water.  
3 rinses in cold water.  
No spinning.

**Put the powder required for bio prewash and soaking into compartment « a » and for the main wash into compartment « b ».**  
**A short spin may be given if desired, see programme 6.**

---

8

#### Fast synthetics

Short prewash in cold water.  
Gentle wash in very hot water.  
3 rinses in cold water.  
No spinning.

**Put the powder required for prewash into compartment « a » and for the main wash into compartment « b ».**  
**A short spin may be given if desired, see programme 6.**

---

9

#### Delicates

Very gentle wash in lukewarm water.  
3 rinses in cold water.  
No spinning.

**Put the powder required for the wash into compartment « b ».** **A short spin may be given if desired, see programme 6.**

---

10

#### Rinses

3 rinses in cold water.  
No spinning.

---

## CARE AND CLEANING

---

From time to time, carry out a complete cycle without a washing load, adding 1 oz. of Calgon. This operation should also be effected when the washer has been out of use for a long time.

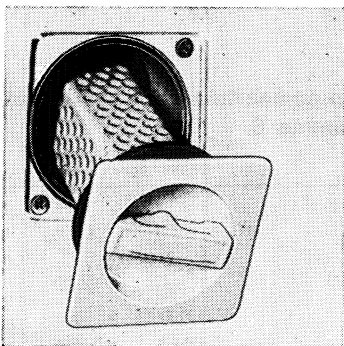
- Leave the door ajar for a couple of hours or so after the wash to allow air to circulate freely inside the machine.
- Chromium, polished and plastic parts, and the glass door must be cleaned with a soft damp cloth, never with abrasives.
- For the cabinet exterior use a lukewarm light solution of mild soap, then rinse and dry carefully. It is also advisable, from time to time, to treat the cabinet with a white wax polish spread with a soft woollen cloth.

### FILTER CLEANING

The filter (fig. 10) is located in the lower front part of the washer. Its purpose is to collect lint and any object (safety-pins, coins etc.) inadvertently left in the articles to be washed.

The filter should be cleaned regularly as follows:

- At the end of a wash programme place the free end of the drain hose at floor level in a basin to collect any water left in the hose.
- Before taking the filter out, place a small receptacle below the housing in order to collect any water that may come out.
- Unscrew the filter knob counterclockwise and pull the filter out (fig. 10).
- Clean filter and return, ensuring that the filter knob is screwed tight.



10

## HELPFUL TIPS FOR WASHING

Some practical advice is given in order to obtain the best washing results:

- use a low suds washing powder especially made for front loading washing machines, an excessive formation of suds can cause irregular operation;
- the quantity of washing powder depends on the amount of laundry and on how soiled it is, therefore it may be necessary to adjust the quantities given in this book;
- woollens must be washed with mild washing agents which, owing to their tendency to produce suds, should be used in small amounts.  
To obtain the best results when washing wool or delicates do not wash more than 2 lbs. at a time;  
in order to get good washing results for synthetic material use a maximum washing load of 5 to 6 lbs;
- if hard water is used it can be softened by adding special products like Calgon to the washing powder. These products facilitate the powder's work and give the best washing results;
- items should be sorted according to fabric type, amount of dirt and colour fastness;
- tears and open seams must be mended, loose buttons secured, zippers closed laces or belts of dresses and aprons collected in a cotton bag: articles without hems should not be washed, ensure pockets are emptied, spots of rust, paint, ink, etc should be removed beforehand.

