Panasonic®

Operating Instructions & Installation Instructions
Washing Machine (Domestic use)

Model No.

NA - 140VX3
NA - 148VX3

Thank you for purchasing this appliance.
- For optimum performance and safety, please read these instructions carefully.
- Before connecting, operating or adjusting this appliance, please read the instructions completely. Please keep this manual for future reference.

Consider the Environment

Disposing of packaging

The packaging used to protect the washing machine from damage during transportation is all recyclable. For information on recycling, contact your local authority.

Disposing of Waste Electrical & Electronic Equipment

Information on disposal for users of waste electrical & electronic equipment (private households)

This symbol on the products and/or accompanying documents means that used electrical and electronic products should not be mixed with general household waste.

For proper treatment, recovery and recycling, please take these products to designated collection points, where they will be accepted on a free of charge basis. Alternatively, in some countries you may be able to return your products to your local retailer upon the purchase of an equivalent new product.

Disposing of this product correctly will help to save valuable resources and prevent any potential negative effects on human health and the environment which could otherwise arise from inappropriate waste handling. Please contact your local authority for further details of your nearest designated disposable point.

Penalties may be applicable for incorrect disposal of this waste, in accordance with national legislation.

Information on disposal in other countries outside the European Union

This symbol is only valid in the European Union.

If you wish to discard this product, please contact your local authorities or dealer and ask for the correct method of disposal.

Eco-friendly Laundry

- Keep to the load limit of each programme.

- The washing machine automatically adjusts the operating time of each programme depending on the load.

- You only need to use a preliminary wash if your laundry is heavily soiled.

- Using the 60°C Cotton programme instead of the 90°C Cotton one will save energy, and will remove ordinary stains.

- For lightly soiled laundry, using the 15°C Wash programme instead of the 40°C Quick 50 programme will save more energy.

Detergent amount

- Use the correct amount of detergent based on the detergent pack instructions and local water hardness.

- Adjust the amount of detergent depending on how soiled your laundry is.

When using a tumble dryer

To save energy, please select the correct spin speed according to the instruction of your tumble dryer.

This product complies with the directives 2006/95/EC and 2004/108/EC.

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SAFETY PRECAUTIONS

Please read and follow these safety precautions.

⚠ WARNING

This describes issues which could cause death or serious injury.

General Use

- This appliance is not intended for use by persons (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.

- Children should be supervised to ensure that they do not play with the appliance.

- Do NOT place a stand or a chair close to the appliance.
  Children may be able to reach the control panel or climb onto or into the appliance.

- Turn off the water supply to the appliance if it is not going to be used for a prolonged period, such as during a holiday. This is especially important if there is no drainage around the appliance.
  If the water supply is left on, the water pressure may unnecessarily increase and result in a leak.

- Do NOT install the appliance in a damp location or in a location exposed to the weather.
  This may result in malfunction, deterioration, electric shock, or fire.

- Do NOT pour or spill water directly onto any part of the appliance.
  This may result in malfunction, electric shock, or fire.

- Keep sources of ignition, such as candles or cigarettes, away from the appliance.
  They may cause a fire or damage to the appliance.

- Keep flammable materials away from the appliance, for example, gasoline, thinner, alcohol, or clothing soaked with these materials.
  They may cause an explosion or a fire.

Power source and cable

- Unplug the mains lead when cleaning the appliance.

- Check the mains lead and mains plug for any damage.
  If the mains lead is damaged, it must be replaced by the manufacturer, its service agent or similarly qualified person to avoid a hazard.

- Do NOT use a mains plug adaptor or extension cable. There is a possibility of overheating which may cause a fire. Use an unused household mains socket, fully rated at AC 220 V to 240 V. If you are not sure, contact a qualified electrician.

- ENSURE the mains plug is fully inserted into the household mains socket. If the mains plug is not fully pushed in, a loose connection may overheat and cause an electric shock or fire.

- Do NOT touch the mains lead or mains plug with wet hands.
  Possibility of an electric shock.

- Do NOT pull the mains lead but hold the mains plug to unplug the appliance.
  Otherwise, there is possibility of damage to the mains lead, which may lead to an electric shock or fire.

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To Prevent Injury

- The installation of the appliance should be done by the manufacturer's dealer or service agent.
  If the installation, test run and inspection of the appliance are not carried out following the installation method outlined in these instructions, the manufacturer will not be liable for any accident or damage caused.

- Do NOT dismantle, repair or modify the appliance.
  There is a possibility the appliance may malfunction which may result in a fire or an injury. If repairs are needed, contact your local Customer Communication Centre.

- Do NOT touch the laundry inside the drum until it has completely stopped, as there is a possibility of injury. Keep children away from the rotating laundry.

⚠ CAUTION

This describes issues which could cause injury or damage your belongings.

General Use

- Prior to use, turn on the tap and check the hose and connections for any leaks. Improper connection could cause leaks.

- The new hose-sets supplied with the appliance are to be used and that old hose-sets should not be reused.

- This appliance is only suitable for textiles labelled washing machine washable.

- Do NOT connect to the hot water supply. This appliance works ONLY with cold water.

- Do NOT apply pesticide, hair spray or deodorant to the appliance.

- Do NOT put any electrical equipment, for example, TVs, radios or battery chargers, on or near the appliance.

- Do NOT put too much laundry or detergent into the appliance.
  This may cause damage to the appliance.

- REMOVE the anchor bolts before installing the appliance using a spanner supplied or similar tool. The anchor bolts are used to transport the appliance.
  If the anchor bolts are not removed, the appliance will strongly vibrate during use.

- If this appliance is supplied from a cord extension set or 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.
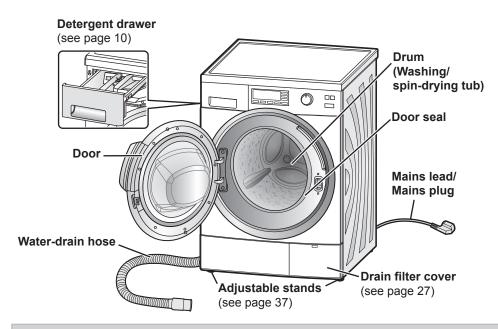
To Prevent Injury

- Do NOT climb onto the appliance.
  This may cause injury or damage to the appliance.

- Keep fingers away from the door hinge when opening and closing the door.

- Do NOT slide your hand (or unprotected foot) underneath the appliance when in use.

- Check all washing and remove all objects such as nails, pins, coins, clips, metal wires, etc.
  They may cause damage to other laundry or the appliance.

- Do NOT use the appliance to wash waterproof sheets or clothing. There is a possibility of excessive vibration or failure during the spin cycle that may result in an injury, damage to the appliance or a water leak.

- BE CAREFUL when draining hot water or any detergent out of the drum.

- BE CAREFUL not to get laundry caught in the door seal when it is closed. This may result in a water leak or damage to the laundry during the wash cycle.

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Checking Your Washing Machine

Your washing machine

Detergent drawer
(see page 10)

**Drum
(Washing/
spin-drying tub)**

Door seal

Door

**Mains lead/
Mains plug**

Water-drain hose

Adjustable stands
(see page 37)

Drain filter cover
(see page 27)

Caution

Do NOT bend the mains lead when the appliance is running.

Accessories

Make sure that all the accessories are
supplied with the appliance.

Elbow (see page 39)

For fixing the water-drain hose

Spanner (see pages 36-37)

End A is for adjusting the stand. End B is
for the anchor bolts.

Cover cap (x4) (see pages 36-37)

Water-supply hose (see page 38)

Standard
Hose

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The language displayed on the LCD can be changed. For more details, see page 20.

Before use, check

For the appliance's initial operation or after a prolonged period of non-operation, perform the following procedures:

1. **Secure the water-supply hose.**
2. **Open the tap.**
3. **Connect the power.**
4. **Make sure that the water-drain hose is positioned towards a drain.**
   For more details, see page 39.

Before initial use

The default setting is the 40ºC Cotton programme. For the appliance's initial operation, operate it WITHOUT any detergent or clothing to rinse out residue or moisture.

> **Note**
>
> There may be drops of water or condensation in the appliance due to the factory inspection prior to shipment. This is not a malfunction.

Preparing the laundry

Sorting clothing

- Read clothing washing labels to help you sort them into different loads.

- Sort the laundry by colour, by type of fabric, and by how soiled it is. Doing so will help you choose the correct programme and temperature for each wash.

- Clothes that are not colour fast should be washed separately. Wash denim separately.

- You should put bras with metal wires, tights, lace clothing and small items of clothing into a laundry net to prevent them or the appliance from getting damaged.

Treating stains

Apply stain remover to stained portions. For dirt and solid stains, wash lightly by hand first.

Check clothing

- Check that pockets on clothing do not contain any objects that may damage the clothes or the appliance.

- To avoid clothes being damaged, check and tie up loose strings, close zips, turn clothing with raised fabrics and zips inside out.

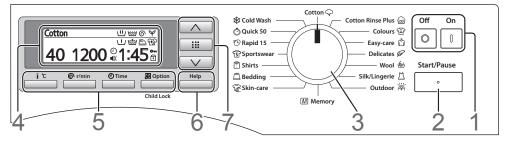- Remove any hair, animal fur, sand, and other materials with a brush before washing.

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Using the Buttons and Dial

Buttons and dial

Model NA-148VX3

1. Power buttons
- If you do not press the Start button within 10 minutes after the appliance has been switched on, the appliance automatically switches itself off.
- After the appliance is switched off, the "Panasonic" logo is displayed for approximately for 3 secs. The unit appliance cannot be turned on until after the logo disappears.

2. Start/Pause button
Press this button to start or pause the wash programme.

3. Programme selection dial
Use this dial to choose the best programme for the laundry. (See pages 14-15.)

4. Display
This display shows the various settings, help, and error messages.

5. Optional function buttons
Use these buttons in conjunction with the selection buttons to set the wash.
- **Temperature button**
For choosing water temperatures ranging from cold to 90ºC.
You can choose hotter temperatures for whites, cottons, or soiled laundry.
- **Spin speed button**
For choosing the spin speed for the programme you have selected. (The maximum spin speeds of model NA-140VX3 and NA-148VX3 are 1400 r/min.)
- **Time button**
For presetting the time for when the wash is to finish. (See page 24.)
- **Option /Child Lock button**
For selecting options (see pages 20-24), for example, Mode and Stain Solution, or setting Child Lock (see page 24), which activates the door and button locks.

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6. Help button
- Press this button to display a description of the currently selected programme.
- Press the button again to return to the Main screen, or press an optional function button to move to its respective function screen.

7. Selection buttons
- Press the ⌐△⌐ or ⌐▽⌐ button to move to the next selection, or to scroll the texts (for example, Help and Error text).
- Press the ⌐⣿⌐ button to set the currently selected selection in the display.

Display

Main screen with all icons displayed

```
1          2    3
┌─────────────────────────┐
│ Cotton        (icons)   │
│ 40 1200  1:45           │
└─────────────────────────┘
4      5      6    7    8 9
```

1. Programme

2. Time
This indicator is displayed if the time for when the wash is to finish has been preset.

3. Process
- This indicator shows the current process of the programme. The process consists of wash ⱳ, rinse ⟑, spin ⟲, and drain ⟱.
- The indicator goes off when the wash is finished.

4. Temperature

5. Spin speed

6. Buzzer off
This indicator is displayed if the buzzer is set not to sound when the wash finishes. For details on setting the buzzer, see pages 21 and 23.

7. Remaining time
- This indicator shows the approximate time until the washing finishes. For example, '1:18' means 1 hour and 18 minutes.
- The time is acquired from the weight of the laundry measured when washing starts.

8. Lock
- 🔒 is displayed if the door is locked. (See page 25.)
- Both ⊶ and 🔒 are displayed if the child safety lock is activated. (See page 24.)

9. Option functions
These indicators are displayed when their respective functions have been programmed. The option functions that display here are the Prewash ⱳ, Extra Rinse ⟑, Easy Ironing ◁, Stain Solution ⟲, Eco ⋎, and Speed functions ⓒ.
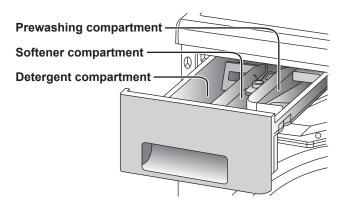
Adding Detergent and Other Chemicals

Pull out the detergent drawer and add detergent or softener to the correct compartment. Check the packages for the appropriate recommended amounts.

Caution
Do NOT use the appliance when the detergent drawer is removed.
This may result in a water leak.

Prewashing compartment

Softener compartment

Detergent compartment

Detergent compartment

The following detergents and additives may be added to this compartment:

- Detergent
- Water softening agent
- Stain remover
- Tub cleaning detergent or bleach

If you use multiple chemicals in this compartment for washing, add them in the following order:

1. Detergent
2. Water softening agent
3. Stain remover

Detergent

Use only detergents that are recommended for fully-automated washing machines. Please use low suds detergents.

Caution
If the instructions on the package indicate that detergent should be placed in the drum, do NOT put it into the detergent drawer.
These detergents may not flow well and remain in the detergent drawer.

1. Liquid detergent

Note
Do NOT use liquid detergent with the Prewash function. It may flow away during the prewash.

For the Wool programme, use mild liquid detergent.

2. Powdered detergent

Detergent reaches the drum only when water flushes through the detergent drawer. If you forgot to add detergent, use the Option button to run the Drain only function of the Mode function. (See page 23.)

Then, add detergent and start washing again.

To prevent powdered detergent from remaining in the drawer, perform the following:
- Dry the inside of the drawer with a cloth.
- Make sure that the detergent is not lumpy when you add it as this may cause a blockage over time.

Amount of Detergent

The amount of detergent you should use depends on the following factors:
- How soiled the laundry is
- The amount of the laundry
- Water hardness

The amount of foam varies according to the amount and type of detergent, how soiled the laundry is, and the hardness and temperature of the water.

Water softening agent

If you live in a hard water area, we recommend the usage of a water softening agent. For more details on water hardness, contact your local water authority.

Use of a water softening agent can help reduce the amount of detergent that is required for each wash and help prevent the formation of limescale deposits, which may damage the appliance.

Softener compartment

The following additives may be added to this compartment:
- Fabric softener
- Laundry starch

Fabric Softener

To prevent static, add softener before you start washing. It will be automatically added in the final rinse cycle.

Dilute concentrated softeners before you add them. Add up to only 130 ml to the compartment to avoid overflowing.

Undiluted softener   Water

Rinse out the remaining softener with a splash of water or a damp cloth after washing. If it sticks to the compartment, pull out the drawer and clean it out. (See page 26.)

Laundry starch

Simply add laundry starch to the softener compartment. It will be automatically added to the clothing as part of the final rinsing process. Make sure that you do not fill the compartment over the MAX level.

If it is hard to pour, you can dilute the starch slightly with water before adding it.

Note

After using starch, clean the detergent drawer, especially the softener cover (see page 26). Then, run the Rapid 15 programme WITHOUT detergent to remove any excess starch in the drum.

Prewashing compartment
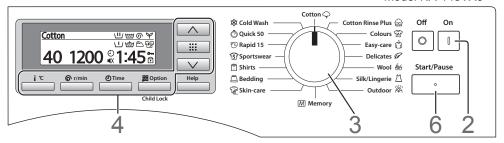
Detergent for prewashing

Whenever you use any programmes with the Prewash function, always put detergent for the prewash in this compartment.

Washing

Model NA-148VX3

1. **Open the door and put the laundry into the drum.**
   For details about preparing and sorting the laundry, see pages 7, 14, and 15.

Caution

Make sure that no laundry gets caught in the door when it gets closed. Moreover, make sure that bulky items fit completely inside of the drum.

If these precautions are not followed, the appliance might excessively vibrate or get damaged.

2. **Close the door and press the On button.**
   The "Panasonic" logo will be displayed in the display for about 2 seconds.

3. **Turn the programme selection dial either way to select the programme.**
   A wash time will be displayed.

Memory programme

You can design your own programme based on the default settings of the Cotton programme. Select Memory programme and set other settings, then run the programme. Later, this preset programme can be run by simply accessing Memory programme.

Cold Wash programme

This programme detects the amount of clothes and water temperature, and then selects the best suited wash time and water amount to save energy and conserve water.
The less the amount of clothes and the higher the water temperature, the shorter the wash time and smaller amount of water will be used. The ECONAVI mark flashes while clothes are checked and lights when the ECONAVI function starts working.

Cotton Rinse Plus programme

This programme has a rinse performance better than the Cotton programme.

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4. Select optional functions.

 - For details and setting procedures for each function, see pages 20-24.

 - For more details about available functions and settings for each programme, see pages 16-17.

5. Add detergent to the detergent drawer.
(See pages 10-11.)

6. Press the Start button.
After the appliance starts, the wash load is assessed. Calculations of assessed wash loads are based upon normal clothing volumes. Actual results may vary to some degree due to differences in types and sizes of clothing.
After about 30 seconds, a new wash time is displayed and water begins to flow in.
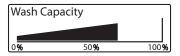
Assessment of wash loads
After the appliance starts, the wash time for the rated wash load is displayed, and then the amount of laundry in the drum is assessed. During assessment, the following screen is displayed.

```
Assessing Wash Load
        ⟋╲╱╲╱╲───
```

After about 30 seconds, the wash load is displayed as a percentage of the wash capacity for the programme. Wash loads are calculated based upon normal clothing volumes. Actual results may vary to some degree due to differences in types and sizes of clothing.

```
Wash Capacity

0 %          50 %          100 %
```

After about 5 seconds, a new wash time is displayed and water begins to flow in.

Wash loads are not assessed for the following programmes.

 - Wool programme

 - Silk/Lingerie programme

 - Rapid 15 programme

 - Shirts programme

 - Sportswear programme

 - Bedding programme

 - Outdoor programme

 - Denim programme

The buzzer will sound when the programme has finished, and the door will unlock immediately.

The Option function can be used to turn the buzzer on or off. (See pages 21 and 23.)

Caution
After a high temperature wash, be careful to not burn yourself when handling the laundry or touching the inside of the drum.

Note
- If the detergent is not completely removed from the laundry by using the basic programme, use the Extra Rinse function. - With the Eco and the Speed functions, if the load is big, the laundry may stick to the inside of the drum. This is normal.

Remove the laundry and rearrange where necessary. Do not leave it in the drum too long after the programme ends, because colours may run.

Selecting the Programme

Programme	Description	140VX3 Max load	148VX3 Max load
Cotton	Daily wash for cotton, linen and cotton blends.	10 kg	8 kg
Cotton Rinse Plus	Daily wash for cotton, linen and cotton blends with more thorough rinsing process.	10 kg	8 kg
Easy-care	Gentle wash for cotton, linen and synthetic fibres.	5 kg	4 kg
Delicates	Gentle wash for synthetic fibre, stain, lace etc. preventing damage.	5 kg	4 kg
Wool	Gentle wash for hand and machine washable wool and wool blend clothes preventing clothes shrinkage.	2 kg	2 kg
Silk/Lingerie	Very gentle wash cycle for delicate silk and lingerie.	—	2 kg
Quick 50	50 min. quick wash for lightly soiled cotton and linen blends.	5 kg	4 kg
Rapid 15	15 min. full rapid wash for a small amount of lightly soiled items.	2 kg	2 kg
Colours	Colour-fast wash for cotton and cotton blend items.	5 kg	4 kg

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Programme	Description	140VX3 Max load	148VX3 Max load
Mixed	Mixed load for washing various kinds of clothes such as cotton, linen, synthetic fibres.	10 kg	—
Cold Wash	Washing for lightly soiled cotton and linen blends with cold water keeping the cleaning strength. This program also equips ECONAVI function that automatically saves energy and water by detecting the amount of clothes and water temperature.	10 kg	8 kg
Memory	Customised programme for washing linen and cotton blends. Memorises the last used setting.	10 kg	8 kg
Baby-care	Intensive rinse programme for washing baby clothing, underwear, bed sheets and towels etc.	5 kg	—
Skin-care	Wash programme for sensitive skin.	—	4 kg
Shirts	Washing for collar and cuff grime of shirts and blouses. Preventing creasing.	2 kg	2 kg
Sportswear	For washing synthetic sportswear.	3 kg	3 kg
Bedding	For washing large items such as bed sheets.	3 kg	3 kg
Outdoor	For washing synthetic and water-repellent treated outdoor clothes.	—	3 kg
Denim	Very gentle wash for denim clothes for reduced colour fading.	2 kg	—

Details of Programmes

Programme	Available programme		Auto setting				
	140VX3	148VX3	Temperature	Number of rinses	Spin-dry revolutions	Approximate	
						140VX3	
⬤ Cotton	✓	✓	40°C	2	1200	1:09 - 2:04	
⬤ Cotton Rinse Plus	✓	✓	40°C	2	1200	1:22 - 2:12	
Easy-care	✓	✓	40°C	2	800	1:01 - 1:31	
Delicates	✓	✓	40°C	2	800	0:55 - 1:00	
Wool	✓	✓	30°C	3	500	0:40	
Silk/ Lingerie	—	✓	30°C	3	500	—	
Quick 50	✓	✓	40°C	2	1200	0:46 - 0:49	
Rapid 15	✓	✓	30°C	1	800	0:15	
Colours	✓	✓	40°C	2	1200	0:58 - 1:23	
Mixed	✓	—	40°C	2	1200	1:09 - 1:44	
Cold Wash	✓	✓	❊	2	1200	0:54 - 2:19	
Ⓜ Memory	✓	✓	—	—	—	—	
Baby-care	✓	—	40°C	3	1200	1:29 - 2:04	
Skin-care	—	✓	40°C	3	1200	—	
Shirts	✓	✓	40°C	2	500	1:08	
Sportswear	✓	✓	40°C	2	800	1:30	
Bedding	✓	✓	30°C	2	800	1:02	
Outdoor	—	✓	30°C	3	800	—	
Denim	✓	—	30°C	2	800	0:55	

| time / 148VX3 | Manual setting | | Option functions | | | | |
	Temperature	Spin-dry revolutions 140VX3 148VX3	Eco/ Speed	Extra Rinse	Prewash	Easy Ironing	Stain Solution
1:09 - 1:49	Cold - 90°C	400 - 1400	✓	✓	✓	✓	✓
1:22 - 1:57	Cold - 90°C	400 - 1400	✓	✓	✓	✓	✓
1:01 - 1:21	Cold - 60°C	400 - 1200	✓	✓	✓	✓	✓
0:55 - 1:00	Cold - 40°C	400 - 800	—	✓	✓	✓	—
0:40	Cold - 40°C	400 - 500	—	✓	—	—	—
0:40	Cold - 40°C	400 - 500	—	✓	—	—	—
0:46 - 0:49	Cold - 60°C	400 - 1400	—	✓	✓	✓	—
0:15	Cold - 30°C	400 - 800	—	—	—	—	—
0:58 - 1:13	Cold - 40°C	400 - 1400	✓	✓	✓	✓	—
—	Cold - 40°C	400 - 1400	✓	✓	✓	✓	✓
0:54 - 2:04	Cold	400 - 1400	—	✓	✓	✓	—
—	Cold - 90°C	400 - 1400	✓	✓	✓	✓	✓
—	Cold - 90°C	400 - 1200	✓	✓	✓	✓	✓
1:29 - 1:49	Cold - 90°C	400 - 1200	✓	✓	✓	✓	✓
1:08	Cold - 60°C	400 - 800	✓	✓	✓	✓	✓
1:30	Cold - 40°C	400 - 1200	✓	✓	✓	✓	✓
1:02	Cold - 40°C	400 - 800	—	✓	—	✓	—
1:48	Cold - 40°C	800	✓	✓	✓	—	—
—	Cold - 40°C	400 - 1200	✓	✓	✓	✓	—

Washing Delicates

Wool, Silk/Lingerie, and Delicates programmes

The drum spins gently in these programmes.

For details about washing instructions, see pages 12-13.

Delicate laundry loads

- Wool programme: 2 kg or less
- Delicates programme: 5 kg or less (140VX3), 4 kg or less (148VX3)
- Silk/Lingerie programme: 2 kg or less

Approximate weights

- Wool sweater: 400 g

- Silk blouse: 200 g

- Trousers: 400 g

Tips for washing delicates

Putting laundry in the drum

Pile them one on top of each other.

Detergents

- For wool items, use a mild liquid detergent. Other detergents may damage the clothes.

- With Wool, Delicates, and Silk/Lingerie programmes, you may need to use the Extra Rinse function to remove excess detergent from the laundry. (See pages 21 and 22.)

Hanging the laundry

- Hang out white or light-coloured wool and nylon items away from direct heat or sunlight.

- After washing, lay out wool and nylon clothes, and return them to their normal shape before hanging in the shade. This saves on ironing too.

- Hang wool items without folds or creases, or spread them out to dry.

- Use hangers for shirts, blouses and trousers.
  You may wrap a towel around the hanger to approximate the clothing's shoulder width so that it will retain its shape as it dries.

If clothing shrinks in the wash

Spread the item out to its original size on an ironing board. Use dress pins to hold the size and shape. Then, use an iron to steam it and leave it to dry.

Bedding programme

- Make sure that the label of each item to be washed shows either the wash or handwash symbol (,).
- Wash only one blanket at a time.

Washable
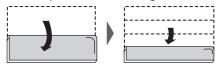
- 100% synthetic fibre blankets – up to 3 kg
- 100% synthetic fibre futons and 100% cotton blankets – up to 1.5 kg (single bed size)
- Sheets
- Bedspreads
- 100% synthetic fibre undersheets

Non-washable

- 100% wool blankets
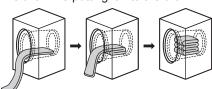- Long-piled blankets
- Electric blankets (including cover)

Putting bedding into the drum

1. **Fold down blankets or bedspreads into a quarter of their original size.**

2. **Put the blanket or bedspread to the drum.**
   Fold it while putting it into the drum.

   Both ends of blanket should be directed inward the drum.

Caution

Do NOT roll blankets or bedspreads into balls, nor haphazardly fold them.
This may cause excessive vibration and damage the laundry or the appliance.

Note

Avoid using blanket nets. They prevent the laundry from spinning properly.

Outdoor programme

Make sure that the label of each item to be washed shows either the wash, handwash, or no dry cleaning symbol (, ,).

Washable

Synthetic fabric outdoor wear, for example, rainwear, outerwear jackets and trousers – up to 3 kg

Non-washable

- Clothing with cotton lining or padding, or down feathers
- Sleeping bags and synthetic fabric covers

Note

- Before washing, close any zips and button up the clothing.
- Do not wash clothing in laundry nets by itself because the load will be unbalanced and not be smoothly washed.
- Water repellent finishes might be washed out over time. To restore water repellency, iron the garment with a low temperature setting, dry it in a dryer, or re-apply a commercially available water repellent treatment. If a treatment is used, follow the product's instructions, or the instructions in the garment.
- We recommend laying down towels in front of the appliance when taking out water-repellent clothing after the spin cycle because water may drip from the clothing.

Washing Instructions - 19

Optional Functions: Option

Depending on the programme, a combination of different functions can be programmed for the wash. You can also change settings, for example, operation sound and language.

Note
Some functions cannot be used with certain programmes. (See pages 16-17.)
Items with hyphen displayed are unavailable functions. If you select an unavailable function, an error alarm will sound.

Setting display language

You can select the display language from the following languages:

- English   - Español
- Deutsch   - Nederlands
- Français   - Русский
- Italiano

1. **Press the Option button.**
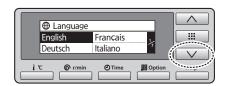
2. **Press the ⌃ button.**

3. **Press the ⋮⋮⋮ button.**

4. **Press the ⌄ button until the desired language is selected.**

5. **Press the ⋮⋮⋮ button, the Option button, or do not perform any operation for 7 seconds.**
   The language is set and the display returns to the Option screen.

6. **Perform any of the following actions to exit the Option screen.**
   - **Press the Option button or do not perform any operation for 7 seconds.**

     The display returns to the Main screen.
   - **Press another optional function button or the Help button.**

     The screen for the respective function displays.

Setting other Option functions

1. Press the Option button.
The Option screen displays.

Speed/Eco	Normal
Easy Ironing	Off
Stain Solution	Off

To cancel the setting, skip to step 5.
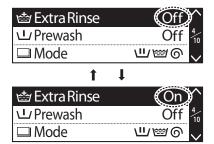
2. Press the ⟨ ∧ ⟩ or ⟨ ∨ ⟩ button until the desired function is selected.

Mode	
Buzzer	Off
Operation Sound	Off

3. Press the ⟨ ⊞ ⟩ button.
- For multiple selection functions, the selected function menu screen displays.

Mode	
Rinse only	
Spin only	

- For On/Off selection functions, the setting changes from On to Off, or vice versa. Then, skip to step 5.

Extra Rinse	Off
Prewash	Off
Mode	

⬆ ⬇

Extra Rinse	On
Prewash	Off
Mode	

4. Press the ⟨ ∧ ⟩ or ⟨ ∨ ⟩ button until the desired selection is selected, and then press the ⟨ ⊞ ⟩ button, the Option button, or do not perform any operation for 7 seconds.
The selection is set and the display returns to the Option screen.

5. Perform any of the following actions to exit the Option screen.
- **Press the Option button or do not perform any operation for 7 seconds.**
  The display returns to the Main screen.
- **Press another optional function button or the Help button.**
  The screen for the respective function displays.

Speed/Eco

You can shorten wash cycles or conserve energy.

Speed/Eco	Normal
Easy Ironing	Off
Stain Solution	Off

Function	Description
Normal Wash	Normal wash cycle
Speed	Washing times will be shorter than those of the basic programmes, suitable for lightly soiled laundry.
Eco	Washing consumes less energy and water but takes longer.

Note

The Speed and Eco functions cannot be set together with any of the Stain Solution functions.

Optional Functions: Option

Easy Ironing

This function makes ironing easier by spinning your laundry more gently (at 800 r/min or less).

```
⌂ Easy Ironing        Off    ⌃
📷 Stain Solution      Off    2/10
👕 Extra Rinse         Off    ⌄
```

- After washing has finished, the laundry is rotated intermittently for up to 30 minutes or until the door is opened.

- Reduces wrinkles and helps to unravel tangled laundry.

- You can activate or deactivate the Easy Ironing function during the washing process but not after it has finished.

Stain Solution

You can select a function which is most suitable for the specific stain from 23 Stain Solution functions. Optional functions will be automatically added to the washing programme.

```
📷 Stain Solution      Off    ⌃
👕 Extra Rinse         Off    3/10
👕 Prewash             Off    ⌄
```

Note

If any of the Stain Solution functions is set, the wash time will be extended for about 60 minutes to 100 minutes.

The type of detergent or a little amount of detergent, the effect of Stain Solution will be affected.

Please add the proper amount of detergent.

The amount of detergent you should use depends on the following factors:

- How soiled the laundry is
- The amount of the laundry
- Water hardness

Stain Solution functions consist of the following functions:

- Cuff Grime	- Tea
- Socks	- Juice
- Sweat	- Soft Drinks
- Blood	- Fruit
- Deo.Stains*	- Vegetable
- Mud	- Tomato
- Grass	- Sauce
- Lipstick	- Oil
- Make-up	- Butter
- Red wine	- Egg
- Beer	- Chocolate
- Coffee	

*   The Deo.Stains function is for yellowing caused by sweat and deodorants (antiperspirants).

Extra Rinse

You can rinse your laundry more thoroughly with an extra rinsing process.

```
👕 Extra Rinse         Off    ⌃
👕 Prewash             Off    4/10
☐ Mode        👕/👕/🔄      ⌄
```

You can activate or deactivate the Extra Rinse function during the washing process but not after it has finished.

Prewash

You can use the prewash cycle for heavily soiled laundry.

```
👕 Prewash             Off    ⌃
☐ Mode        👕/👕/🔄      5/10
🔊 Buzzer              Off    ⌄
```

Mode

You can select a single process, or combine several processes by selecting Mode functions.

□ Mode 〰/🗑 ⊙ ⌃
🔊 Buzzer　　　　Off　⁶⁄₁₀
　Operation Sound　Off　⌄

Note
You cannot select individual washing functions in the Rapid 15 programme.

Function	Description
Rinse only 🗑	Rinse washed laundry (Rinse water remains)
Spin only ⊙	Spin-dry washed laundry
Rinse hold 〰/ 🗑	Wash and rinse laundry (Rinse water remains)
Rinse - Spin 🗑 ⊙	Rinse and spin-dry washed laundry
Drain only 🗑↓	Drain water from the drum

- Whenever you start washing, the process display flashes to show which function is in progress.

- With the Spin only or Rinse - Spin function, if there is any water in the drum operation starts from the drain process.

Buzzer

You can set the buzzer to sound or not sound when the wash finishes.

🔊 Buzzer　　　　Off　⌃
　Operation Sound　Off　⁷⁄₁₀
　Brightness　　　▮▮▮　⌄

Operation Sound

You can set the operation sound to sound or not sound.

　Operation Sound　Off　⌃
　Brightness　　　▮▮▮　⁸⁄₁₀
🌐 Language　　　English　⌄

Brightness

You can select the display brightness.

　Brightness　　　▮▮▮　⌃
🌐 Language　　　English　⁹⁄₁₀
🌱 Speed/Eco　　　Normal　⌄
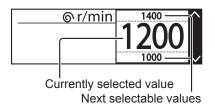
Optional Functions: Others

Temperature, Spin speed, and Time

1. Press the button of the desired function.
The screen for the respective function displays.

Currently selected value
Next selectable values

2. Press ⌃ or ⌄ button until the desired value is selected.

3. Perform any of the following actions to set the selected value.

- **Press the ⬚ button or the optional function button pressed in procedure 1, or do not perform any operation for 7 seconds.**

  The value is set and the display returns to the Main screen.

- **Press another optional function button or the Help button.**

  The screen for the respective function displays.

Time

You can use the Time function to preset the time for when the washing finishes.

- You cannot preset the Wool and Silk/Lingerie programmes.

- The wash might finish before or after preset times depending on the kind of laundry, the temperature, and the conditions of water supply and drainage.

- To cancel the preset time, press the Off button. (All settings will be cancelled.)

Note
Do NOT use detergent which does not dissolve thoroughly with the preset function, because the detergent might cake up before the wash starts and not flow out.

Child safety lock

The child safety lock prevents children from climbing into the drum and getting trapped. This function keeps the door closed and locked even when the appliance is not in use. It also disables the control buttons.

Activating/deactivating child safety lock

1. Switch on the appliance.

2. Press and hold the Option button for at least 5 seconds.
The ⚷ and 🔒 symbols are displayed to show that the child safety lock is activated.

3. To deactivate, hold down the Option button again for 5 seconds.
Ignore three beeps heard and keep the Option button pressed until it unlocks.

Required time

Times depend on the programmes and temperature settings that have been selected.

- - Actual times may differ slightly from those shown.

- - The displayed times include the time needed for the water to fill up and to drain out, thus they vary depending on water pressure, drainage and amount of laundry.

- - If you change the functions while washing, the displayed times may change.

- - If the laundry in the drum needs to be balanced, times will be extended.

Changing settings

After washing has started, the programme, temperature, and preset time cannot be changed.

- - To change the programme or temperature settings, turn the appliance off and then on again.

- - To change the rinse or spin settings while washing, press the Pause button once the appliance is full of water.

- - You can change the spin speed, Extra Rinse and Easy Ironing function during the washing process.

- - No settings can be changed after the washing process has finished.

Unlocking the door

The door automatically locks while in use, and the 🔒 symbol is shown while the door is locked. A click will be heard when the door locks or unlocks.

Note

- While the door is locked, if the appliance is switched off, or if there is a power interruption, the door stays locked until the switch is turned on again.

- This is different from the child safety lock. (See page 24.)

Press the Start button to unlock the door during operation.

After about 1 minute, the drum stops spinning, and the door will automatically unlock.
If the door does not open, see page 29.

Caution

If you have to unlock the door mid-programme, make sure that water from the drum does not overflow onto the floor.

Water and soap suds might come out of the door and the door opening. You may need a towel to soak them up.

Maintenance

Cleaning the outside of the appliance

Clean the outside of the appliance with a soft cloth and mild detergent, for example, kitchen detergent, and soapy water.

Warning
- **Do NOT splash water over the appliance.** - **Do NOT use cream cleansers, thinners, nor products containing alcohol or paraffin oil.**

Cleaning the drum

If you keep using cold water in the appliance, bacteria may build up inside the drum and give off an odour. You can avoid this by running the 90°C Cotton programme once a month. (If you use a scale remover, follow the manufacturer's instructions.)

Caution
Viruses and bacteria are not killed in water temperature of 40°C. Pathogens can spread via the commingling of clothes and thus transmit diseases. Pathogens die at 60°C or higher. However, using water temperatures up to 90°C is unnecessary.

Note
Do NOT put laundry nor laundry detergent into the appliance while it is being cleaned.
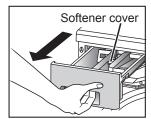
If you use tub cleaning detergent or bleach, put it into the detergent drawer before starting the wash. The appropriate amount to be used is about 30 ml. (See pages 10-11.)

Cleaning the detergent drawer

Detergent residue soon builds up if the detergent drawer is not cleaned regularly. Detergent build up may develop mould.
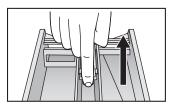
1. **Pull out the detergent drawer.**

Softener cover

2. **Remove the detergent drawer by simultaneously lifting and pulling it.**

3. **Put your finger on the tab near the front of the softener cover then pull it up to remove it from the detergent drawer.**

4. **Wash out the old detergent with water.**
   Use a cloth to wipe the water from the appliance.

5. **Replace the softener cover by pressing it down into its original position, and then reinsert the detergent drawer.**

Cleaning the door seal and window
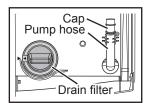
After each wash, perform the following:

- Remove any objects from the door seal.

- Wipe the window and seal to remove lint and stains.
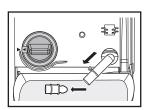
Cleaning the drain filter

We recommend cleaning the drain filter once a month. The filter will have lint build up, which can reduce drainage water flow.

1. Switch off and unplug the appliance.

2. Open and remove the drain filter cover. Then, place a container underneath it to collect the drainage.
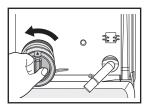
3. Pull out the pump hose and remove the cap to drain the water.
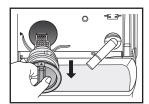
4. After all the water has drained away, carefully loosen the drain filter. More water may drain out.
This is normal.

5. Turn the drain filter anticlockwise to unscrew it. Then, remove it.

6. Remove any lint and debris.

7. Replace the drain filter.

8. Replace the cap and pump hose to the original position.

Caution
BE CAREFUL when draining hot water.

Maintenance

Cleaning the water-supply filter
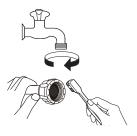
Clean the filter if water is not supplied properly.

1. **Turn the tap off.**

2. **Switch on the appliance.**

3. **Select the Cotton programme, and then press the Start button.**

4. **After 1 minute, switch off the appliance. Water has drained out of the water-supply hose.**

5. **Disconnect the water-supply hose from the appliance.**

6. **Clean the filter, which is on the rear of the appliance.**
   Use a small brush, for example, a toothbrush.

7. **If the unit is supplied with the hose fitted with a water-supply hose, turn off the tap supplying the appliance, disconnect the hose from the tap, and then clean the filter on hose in the same way.**

8. **Reconnect the water-supply hose.**
   Tighten the plastic joint firmly.

9. **Turn on the tap, then check for leaks.**

Preventing a frozen water-supply hose
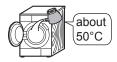
If the appliance is delivered in freezing weather conditions, after setting up, leave it at room temperature for 24 hours before using. This will ensure that the water-supply hose does not get clogged up with ice.

If your water-supply hose freezes, perform the following procedures:

1. **Wrap warm towels around the joints of the water-supply hose.**

Joints Tap

Water-supply hose

2. **Add 2 to 3 litres of warm water to the drum.**

about 50°C

3. **Start the wash with the Drain only function of the Mode function, using the Option button. (See pages 21 and 23.)**

Fault Checklist

Problem		Cause
Washing machine	**Buttons do not work.**	- The programme, temperature and process settings cannot be changed while washing is in progress (the rinse or spin settings can be changed). - Child safety lock may be activated. (See page 24.)
	Door does not open.	- Door lock may be activated. (See page 25.) - Child safety lock may be activated. (See page 24.) - The water temperature or level may be too high.
	Unusual odour	- Rubber parts may give off a smell when you start using the appliance, but the smell will go away over time. You can wash the drum by running the 90°C programme. (See page 26.)
Wash	**No water going into the appliance.**	- The water tap might be turned off. - The water-supply hose may be frozen. (See page 28.) - The water supply may be disrupted. - The water-supply filter may be clogged. (See page 28.)
	There is only a small amount of water.	- If you have paused the washing and then restart it, the appliance may drain out some water. Do NOT pour water in through the door.
	Water builds up during the washing.	- This is normal; water is automatically supplied if the amount of water has decreased. For heavy loads, the water may fill up repeatedly.
	Water drains out during the washing.	- This is normal; the water frequently drains out and builds up in order to wash away excess foam. This feature is called foam detection.

Troubleshooting - 29

Fault Checklist

Problem		Cause
Rinse/Spin	**No water flows into the appliance during the rinsing process.**	- Before rinsing, the appliance spins to drain out remaining water. The water will fill up after that.
	Rinsing begins before the spin process finishes.	- The appliance may have detected an unbalanced load, which is caused by the laundry shifting to one side of the drum, so rinsing started automatically to correct the imbalance. - After washing, excess foam may remain, so the water is drained out and refilled to wash it away. This feature is called foam detection.
	During spin-dry, the drum stops and rotates several times.	- This is normal; the appliance has detected an unbalanced load and is trying to correct it.
	Foam and water remain in the door or door seal.	- Although some foam and water might remain depending upon the state of the laundry and the amount of detergent used, the performance of the rinse cycle is unaffected.
	Spin cycle repeatedly starts and stops.	- This is normal; intermittent spinning of the tub helps the spin process to operate quietly. - The laundry may be too light. If so, add one or two bath towels.
Time	**The displayed remaining time changes.**	- The remaining time is estimated and corrected continually. Thus, the time displayed may change. - The remaining time increases if an extra rinsing and spinning are required to correct an unbalanced load, which is caused by the laundry shifting to one side of the drum.

Problem		Cause
Detergent and foam	**There is no foam or hardly any foam.**	- The amount of foam varies, depending on the temperature, level and softness of the water. - You may have put powdered detergent directly into the drum; you must put it in the detergent drawer. - You may not be using enough detergent. - You may be using a reduced-foam type of detergent. - Heavily soiled laundry and larger loads of laundry may reduce the amount of foam.
	There is a lot of foam.	- The amount of foam varies, depending on the temperature, level and softness of the water. - You may have used too much detergent. - The type of detergent you are using may cause excess foam.
	Fabric softener overflows.	- The softener may have exceeded the MAX level for the detergent drawer. (See page 11.) - You may have spilt the liquid by closing the detergent drawer too strongly.
	After the wash has finished, powdered detergent residue remains.	- You may have put powdered detergent directly into the drum; you must put it in the detergent drawer.
Noise	**There is an unusual noise or vibration.**	- There may be metal items in the drum. - The anchor bolts may not have been removed. (See page 36.) - The appliance may be on a sloping or unstable surface. If none of the above is the cause, contact your local Customer Communication Centre.
	There is noise when the water drains out.	- This is normal; it is noise created by the operation of the drain pump.
	The fan makes noise.	- This is normal; the fan is cooling off the electric parts.

Troubleshooting - 31

Fault Checklist

Problem		Cause
Others	**The electricity supply cuts out while the appliance is on.**	- The appliance stops, and will not start by itself when the power comes back on. You have to select a programme and start it again.
	A circuit breaker trips the electricity supply.	- The appliance stops, and will not start by itself when you reset the breaker. You have to find out what caused the breaker to trip and solve it. Then, reset the breaker to turn the electricity supply back on, and switch on the appliance again.
	The water supply is disrupted.	- When the water is supplied again, it may be impure at first. You have to disconnect the water-supply hose and drain away the impure water through the tap. Make sure that the water-supply hose has been reconnected before using the appliance.
	The display is not clear.	- The appliance may be in a brightly lit or sunlit area.

U11 **Unable to drain**	**What to do** Check the drain hose for any of following problems. - It clogs up. - Its tip is immersed in water. - It extends further than 3 m. - The water is frozen. Clean the drain filter if it clogs up. (See page 27.) After correcting the problem, open the door, close it, and then start the wash again.
U12 **Door is open**	**What to do** Make sure that the door is shut properly.
U13 **Unable to spin-dry**	The appliance has been designed to detect unbalanced loads, especially small loads, in order to ensure quiet operation and achieve the best results. This is not a malfunction. Perform any one of the following solutions. **What to do** - If the laundry is too heavy, untangle clumps of clothing. - If the laundry is too heavy because items, such as blankets, are too large, reduce the load. - If the laundry is too light, add one or two bath towels. - If the appliance is on an unstable or uneven surface, change the setting location. After correcting the problem, open the door, close it, and then start the wash again.
U14 **Unable to supply water**	**What to do** Check for any of following problems. - The tap is closed. - The water pipe or hose is frozen. - The water supply has been disrupted. - The water-supply filter is clogged. (See page 28.) After correcting the problem, open the door, close it, and then start the wash again.
H01	An error display starting with H. **What to do** Press the Off button. If the display stays on, or if it reappears when you press the Start button, unplug the appliance and contact your local Customer Communication Centre.

Choosing the Right Location

Carrying the appliance
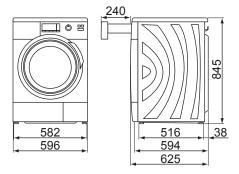
The appliance must be carried by 2 or more people.

Start by tilting the appliance backwards. One person should stand behind it, holding the rear of the top panel. The other person should grip the bottom stands in the front.

The right place for the appliance

Make sure that there is enough space for the appliance and that openings on the base are not obstructed by a carpet.

Dimension in millimetres

Caution
- **Install the appliance on a flat, stable surface to avoid excessive vibration and noise.** If the floor is not flat and stable, contact your local Customer Communication Centre .
- **Do NOT install the appliance in direct sunlight or in a place where temperatures reach freezing.**
- **Do NOT let metallic portions of the appliance come into contact with metal sinks or other appliances.**
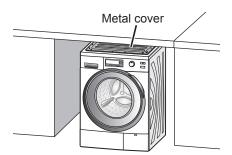
The installation shall be in accordance with the requirements of AS/NZS 3500.1.

Installing a built-in washing machine

- You need a space at least 60 cm wide. At least 2 mm of clearance on the sides, and 3 mm of clearance above and behind the appliance are required.

- The counter above the appliance must be firmly fixed to the adjoining cupboards.

- Instead of the standard cover panel, have a technician install a metal cover.

Metal cover

Metal cover (AXW4595-7SR0)
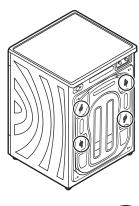
Moving and Installing

Removing the anchor bolts

Four anchor bolts keep the interior of the appliance in place while the appliance is being moved. Remove them before installation, using the spanner that is supplied with the appliance. Follow the following instructions.
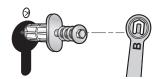
> **Note**
>
> The anchor bolts must be removed before the appliance is operated. They may cause excessive vibration.
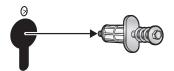
1. **Use the 'B' end of the spanner to loosen the four bolts.**

2. **Pull the bolts out horizontally.**
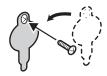
3. **Remove the screws, which are next to the bolt holes.**

4. **Push each cover cap (included with the accessories) over each bolt hole, and then secure them with the screws you removed in step 3.**

> **Note**
>
> Make sure that you store the anchor bolts, because they are used when transporting the appliance. If the appliance is passed on to another person, make sure to give the anchor bolts to that person.

Moving the appliance

> **Note**
>
> Make sure to install the anchor bolts in the appliance.

Before you move the appliance
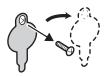
- Shut the tap and run the appliance to drain the water. Drain any remaining water from the pump hose. (See page 27.)

- Depressurize the water-supply hose and remove it.

- Disconnect the power cable.

- Install the anchor bolts. (See page 37.)
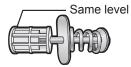
Installing the anchor bolts
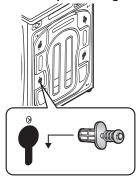
1. Unscrew and remove the cover caps.
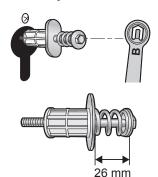
2. Pull the bolts out until their tips are level with the tips of the sleeves.
Have someone else hold the top of the drum and pull it forward.

Same level

3. Insert the transportation guards.

4. Tighten each bolt so that spring extends out by 26 mm.

26 mm
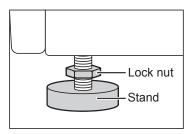
Levelling the appliance

Using a level facilitates the making of adjustments.

To adjust the stands, use the 'A' end of the spanner.

Lock nut

Stand

1. On each stand, loosen the lock nut by turning it clockwise.

2. Adjust each stand by turning it clockwise or anticlockwise.

3. Use a spirit level to make sure that the appliance is properly levelled.

4. Tighten each lock nut by turning it anticlockwise.

Caution

Make sure that all lock nuts are tightened securely and the stands are still bolted to the appliance.
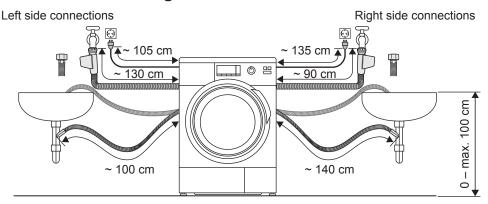
If they are unbolted, the appliance will move around.

Connecting Hoses and Power Supply

Follow the instructions in this section to prevent water leaks. If you are unsure, ask a service agent to connect the hoses.

Hoses and cable lengths

Left side connections   Right side connections

~ 105 cm   ~ 135 cm
~ 130 cm   ~ 90 cm
~ 100 cm   ~ 140 cm
0 – max. 100 cm

Water-supply hose

Caution

- **Do NOT connect the water-supply hose to a combination tap.**
- **Do NOT twist, squash, modify, or cut the hose.**

- Optimum mains water pressure is 0.03 - 1.0 MPa. If the water pressure exceeds this value, install a pressure reducing valve.
- Water-flow from the tap should be more than 5 L/min.

Connecting the water-supply hose

1. **Attach one end of the hose to the water inlet on the back of the appliance and tighten the joint by hand.**

2. **Attach the other end of the hose to the tap and tighten it the same way.**

3/4"
min. 10 mm

Standard hose

3. **Open the tap slowly and make sure that there are no leaks around the joints.**
   The joints are subject to water pressure.

Connecting Hoses and Power Supply

Leak-proof System

The appliance is installed with the system that is designed to prevent water leaks. The system includes the following components.

1) Leak sensor
This sensor will cease operation of the appliance if it detects any leaks. It is located on the base plate of the appliance. If a leak has been detected, an error display starting with H, for example, H 01, will appear. In that case, contact your local Customer Communication Centre.

2) Overflow detection
If water in the appliance increases to a certain level, this function stops the water supply and activates the drain pump.
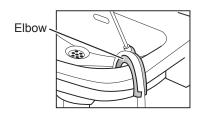
Water-drain hose

Caution

Do NOT twist, pull out, or bend the drain hose.

Draining to a sink or wash-basin

Elbow

Caution
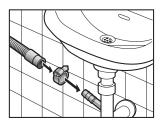
- **Secure the water-drain hose so that it will not come out of the basin.**

Caution
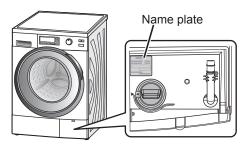
- **Do NOT block the basin, where the drain outlet is. Make sure that drainage into the drain is sufficient.**
- **Do NOT let the tip of the water- drain hose dip into the drained water.**
This can cause water to flow back into the appliance.

Draining to a drain hose

Connecting to the power supply

Name plate

Caution

The name plate indicates the rated power that the appliance needs. Make sure that the power supply specifications in your residence match the information mentioned here.
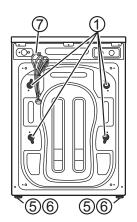
Checking After Installation

Installation checklist

1) Anchor bolts
Have you removed them and attached the cover caps properly?

2) Location
Is the appliance on a flat, stable surface?
Does it run without vibrating?

3) Water-supply hose
Is it free from leaks?
Is the water supply normal?

4) Water-drain hose
Is it free from leaks?
Does it drain normally?

5) Adjustable stands
Are they bolted securely to the appliance?

6) Stand cushions
Are they standing flat?
If the appliance is not level, there may be abnormal sounds when water is drained out.

7) Power supply
Is the household dedicated mains socket, fully rated at AC 220 V to 240 V?

Power and Water Consumption

Programme	Temperature	Eco function is selected	Load	Power consumption	Water consumption	Time (mins)
♡ Cotton	40°C	No	10 kg	1.05 kWh	80 L	2:04
			8 kg	0.84 kWh	63 L	1:49
	40°C*1	Yes	5 kg	0.71 kWh	50 L	2:45
			4 kg	0.62 kWh	40 L	2:30
	60°C*1	Yes	10 kg	0.95 kWh	63 L	3:45
			8 kg	0.68 kWh	50 L	3:30
			5 kg	0.84 kWh	50 L	3:05
			4 kg	0.71 kWh	40 L	2:55
🧺 Cotton Rinse Plus	60°C	No	10 kg	1.55 kWh	87 L	3:02
			8 kg	1.48 kWh	74 L	2:22
	40°C	No	10 kg	0.87 kWh	87 L	2:12
			8 kg	0.85 kWh	74 L	1:57
	40°C*3	Yes	10 kg	0.83 kWh	80 L	3:23
			8 kg	0.67 kWh	68 L	2:53
👕 Easy-care	40°C*1	No	5 kg	0.70 kWh	55 L	1:31
			4 kg	0.56 kWh	45 L	1:21
🧶 Wool	30°C	No	2 kg	0.20 kWh	50 L	0:40
👗 Silk/Lingerie	30°C	No	2 kg	0.22 kWh	60 L	0:40
⏱ Quick 50	40°C*1	No	5 kg	0.48 kWh	50 L	0:49
			4 kg	0.45 kWh	40 L	0:49
⏲ Rapid 15	30°C	No	2 kg	0.15 kWh	23 L	0:15
15° 15°C Wash	—	No	4 kg	0.15 kWh	50 L	1:29
👔 Shirts	40°C	No	2 kg	0.42 kWh	35 L	1:08
👕 Sportswear	40°C	No	3 kg	0.65 kWh	45 L	1:30
☀ Outdoor	30°C	No	3 kg	0.27 kWh	58 L	1:48
👖 Denim	30°C	No	2 kg	0.24 kWh	40 L	0:55

*1 Results calculated regarding the Eco function and the maximum spin speed comply with EN 60456.

*2 The power, water consumption, and times indicated in the table may vary depending on variations in pressures, water hardness and temperatures, room temperatures, types and amounts of laundry, voltage fluctuations, and which optional functions are used.

*3 Cotton Rinse Plus, 40 deg, Eco, 1400 r/min is for normally cotton soiled load.

Specifications

	NA - 140VX3	NA - 148VX3
Rated voltage	220 - 240 V	
Rated frequency	50 Hz	
Maximum energy rated power input	2000 - 2350 W	
Heating energy rated power input	2000 W (230 V)	
Product weight	74 kg	
Maximum mass of dry cloth	10 kg	8 kg
Product dimensions	596 mm (W) × 625 mm (D) × 845 mm (H)	
Water consumption	Refer to "Power and Water Consumption".	
Pressure of tap water	0.03 - 1 MPa	